

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 500 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	INFLOW	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
11.0000	DEPTH	FROUDE								
MILE 424.70	646.01	1100000.	8.10	135758.	66748.	10.81	0.0230	0.	70.	1.00
MILE 420.49	643.68	1098125.	3.77	291003.	18036.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.81	1097173.	4.02	273028.	14945.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.61	1096342.	7.80	140508.	8244.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.51	1095385.	5.24	208886.	14783.	7.86	0.0270	0.	59.	0.25
MILE 403.67	632.93	1094820.	3.65	300125.	9032.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.18	1091383.	4.95	220512.	49632.	8.38	0.0220	0.	67.	0.41
MILE 395.26	628.04	1090732.	6.37	171157.	43743.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.62	1088537.	7.01	155314.	3729.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.58	1088267.	5.49	198337.	6406.	11.21	0.0210	0.	65.	0.17
MILE 382.64	623.73	1088043.	4.48	242968.	36750.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.74	1086689.	4.36	249135.	36456.	9.69	0.0210	0.	66.	0.29
MILE 374.23	622.31	1085476.	3.60	301698.	20324.	11.48	0.0210	0.	64.	0.16
MILE 370.03	621.91	1084883.	3.77	287699.	11558.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.54	1084631.	3.24	334310.	10119.	12.13	0.0210	0.	68.	0.10
MILE 361.62	621.09	1084257.	3.51	308761.	18589.	11.08	0.0210	0.	75.	0.15
MILE 357.41	620.87	1083957.	2.69	403544.	41193.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.31	1083619.	5.01	216114.	9545.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1083659.	5.12	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME	INFLOW	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
12.0000	DEPTH	FROUDE								
MILE 424.70	646.01	1100000.	8.10	135782.	66759.	10.81	0.0230	0.	70.	1.00
MILE 420.49	643.69	1098268.	3.77	291079.	18038.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.82	1097390.	4.02	273105.	14946.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.62	1096622.	7.80	140543.	8245.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.52	1095737.	5.24	208951.	14786.	7.86	0.0270	0.	59.	0.25
MILE 403.67	632.94	1095215.	3.65	300255.	9033.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.19	1092033.	4.95	220591.	49646.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.05	1091430.	6.37	171239.	43751.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.64	1089397.	7.01	155366.	3730.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.59	1089147.	5.49	198396.	6406.	11.21	0.0210	0.	65.	0.17
MILE 382.64	623.74	1088940.	4.48	243031.	36764.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.75	1087687.	4.36	249195.	36462.	9.70	0.0210	0.	66.	0.29
MILE 374.23	622.32	1086565.	3.60	301753.	20325.	11.48	0.0210	0.	64.	0.16
MILE 370.03	621.92	1086017.	3.77	287739.	11558.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.54	1085785.	3.25	334353.	10119.	12.13	0.0210	0.	68.	0.10
MILE 361.62	621.09	1085440.	3.51	308802.	18589.	11.08	0.0210	0.	75.	0.15
MILE 357.41	620.87	1085164.	2.69	403587.	41195.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.31	1084855.	5.02	216126.	9545.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1084895.	5.12	211764.	4558.	14.35	0.0240	0.	85.	0.13

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0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME	13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.02	1100000.	8.10	135804.	66769.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.70	1098401.	3.77	291150.	18039.	8.48	0.0230	0.	65. 0.17
MILE	416.28	640.83	1097591.	4.02	273177.	14948.	6.89	0.0270	0.	62. 0.17
MILE	412.08	638.63	1096882.	7.80	140576.	8245.	11.08	0.0270	0.	62. 0.33
MILE	407.88	635.54	1096065.	5.24	209011.	14789.	7.86	0.0270	0.	59. 0.25
MILE	403.67	632.95	1095583.	3.65	300377.	9034.	5.25	0.0240	0.	60. 0.11
MILE	399.47	631.20	1092638.	4.95	220665.	49659.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.06	1092080.	6.37	171316.	43759.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.64	1090199.	7.01	155414.	3730.	11.27	0.0220	0.	59. 0.19
MILE	386.85	624.59	1089967.	5.49	198450.	6407.	11.21	0.0210	0.	65. 0.17
MILE	382.64	623.75	1089776.	4.48	243089.	36778.	11.42	0.0210	0.	61. 0.31
MILE	378.44	622.76	1088617.	4.37	249251.	36467.	9.70	0.0210	0.	66. 0.29
MILE	374.23	622.33	1087580.	3.60	301806.	20326.	11.48	0.0210	0.	64. 0.16
MILE	370.03	621.92	1087073.	3.78	287777.	11559.	12.41	0.0210	0.	72. 0.13
MILE	365.82	621.55	1086859.	3.25	334393.	10120.	12.14	0.0210	0.	68. 0.10
MILE	361.62	621.10	1086542.	3.52	308841.	18590.	11.08	0.0210	0.	75. 0.15
MILE	357.41	620.88	1086288.	2.69	403628.	41197.	9.19	0.0210	0.	84. 0.15
MILE	353.21	620.31	1086006.	5.02	216137.	9545.	14.08	0.0230	0.	83. 0.19
MILE	349.00	619.10	1086045.	5.13	211764.	4558.	14.35	0.0240	0.	85. 0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME	14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.02	1100000.	8.10	135825.	66777.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.70	1098525.	3.77	291215.	18041.	8.48	0.0230	0.	65. 0.17
MILE	416.28	640.84	1097778.	4.02	273244.	14949.	6.89	0.0270	0.	62. 0.17
MILE	412.08	638.64	1097125.	7.80	140606.	8246.	11.08	0.0270	0.	62. 0.33
MILE	407.88	635.55	1096370.	5.24	209068.	14792.	7.86	0.0270	0.	59. 0.25
MILE	403.67	632.96	1095924.	3.65	300491.	9034.	5.25	0.0240	0.	60. 0.11
MILE	399.47	631.21	1093202.	4.95	220734.	49672.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.07	1092686.	6.38	171387.	43766.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.65	1090945.	7.02	155459.	3730.	11.27	0.0220	0.	59. 0.19
MILE	386.85	624.60	1090731.	5.49	198501.	6407.	11.21	0.0210	0.	66. 0.17
MILE	382.64	623.76	1090554.	4.49	243144.	36791.	11.42	0.0210	0.	61. 0.31
MILE	378.44	622.76	1089482.	4.37	249303.	36472.	9.70	0.0210	0.	66. 0.29
MILE	374.23	622.33	1088525.	3.61	301854.	20327.	11.48	0.0210	0.	64. 0.16
MILE	370.03	621.93	1088057.	3.78	287812.	11559.	12.41	0.0210	0.	72. 0.13
MILE	365.82	621.55	1087860.	3.25	334431.	10120.	12.14	0.0210	0.	68. 0.10

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MILE 361.62	621.10	1087568.	3.52	308878.	18591.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.88	1087335.	2.69	403666.	41199.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.32	1087078.	5.03	216148.	9545.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1087116.	5.13	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.03	1100000.	8.10	135843.	66785.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.71	1098640.	3.77	291276.	18042.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.84	1097952.	4.02	273306.	14950.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.65	1097350.	7.80	140634.	8247.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.56	1096653.	5.24	209120.	14794.	7.87	0.0270	0.	59.	0.25
MILE 403.67	632.97	1096242.	3.65	300597.	9035.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.22	1093726.	4.95	220799.	49683.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.08	1093249.	6.38	171454.	43773.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.66	1091639.	7.02	155501.	3730.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.61	1091441.	5.50	198549.	6407.	11.21	0.0210	0.	66.	0.17
MILE 382.64	623.76	1091277.	4.49	243195.	36803.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.77	1090288.	4.37	249353.	36476.	9.70	0.0210	0.	66.	0.29
MILE 374.23	622.34	1089404.	3.61	301900.	20328.	11.48	0.0210	0.	64.	0.17
MILE 370.03	621.93	1088973.	3.78	287845.	11560.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.56	1088791.	3.26	334467.	10120.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.11	1088523.	3.52	308912.	18592.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.88	1088309.	2.70	403702.	41201.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.32	1088075.	5.03	216157.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1088113.	5.14	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.04	1100000.	8.10	135861.	66793.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.72	1098747.	3.77	291331.	18043.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.85	1098113.	4.02	273363.	14951.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.66	1097559.	7.80	140661.	8248.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.57	1096916.	5.24	209170.	14797.	7.87	0.0270	0.	59.	0.25
MILE 403.67	632.98	1096537.	3.65	300696.	9036.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.23	1094213.	4.95	220859.	49694.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.09	1093772.	6.38	171517.	43780.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.67	1092285.	7.02	155541.	3730.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.62	1092102.	5.50	198594.	6407.	11.21	0.0210	0.	66.	0.17

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MILE 382.64	623.77	1091951.	4.49	243242.	36815.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.77	1091037.	4.37	249398.	36480.	9.70	0.0210	0.	66.	0.29
MILE 374.23	622.34	1090222.	3.61	301943.	20329.	11.48	0.0210	0.	64.	0.17
MILE 370.03	621.94	1089824.	3.79	287876.	11560.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.56	1089657.	3.26	334500.	10120.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.11	1089411.	3.53	308943.	18592.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.89	1089215.	2.70	403735.	41202.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.32	1089003.	5.04	216167.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1089039.	5.14	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.04	1100000.	8.10	135876.	66800.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.72	1098846.	3.77	291383.	18044.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.86	1098263.	4.02	273416.	14952.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.67	1097753.	7.80	140685.	8248.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.57	1097161.	5.24	209215.	14799.	7.87	0.0270	0.	59.	0.25
MILE 403.67	632.99	1096811.	3.65	300788.	9036.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.24	1094665.	4.96	220915.	49704.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.10	1094259.	6.38	171575.	43786.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.68	1092885.	7.02	155577.	3731.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.63	1092717.	5.50	198635.	6407.	11.21	0.0210	0.	66.	0.17
MILE 382.64	623.78	1092577.	4.49	243287.	36825.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.78	1091734.	4.38	249441.	36484.	9.70	0.0210	0.	66.	0.29
MILE 374.23	622.35	1090983.	3.61	301983.	20330.	11.48	0.0210	0.	64.	0.17
MILE 370.03	621.94	1090616.	3.79	287905.	11560.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.57	1090463.	3.26	334531.	10121.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.11	1090237.	3.53	308973.	18593.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.89	1090058.	2.70	403766.	41204.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.32	1089865.	5.04	216175.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1089900.	5.15	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.04	1100000.	8.09	135891.	66806.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.73	1098939.	3.77	291430.	18045.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.86	1098402.	4.02	273466.	14953.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.67	1097933.	7.80	140707.	8249.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.58	1097387.	5.24	209258.	14801.	7.87	0.0270	0.	59.	0.25

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MILE 403.67	633.00	1097066.	3.65	300874.	9037.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.25	1095086.	4.96	220967.	49714.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.11	1094711.	6.38	171630.	43791.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.69	1093443.	7.03	155612.	3731.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.63	1093288.	5.50	198674.	6407.	11.21	0.0210	0.	66.	0.17
MILE 382.64	623.78	1093159.	4.49	243329.	36835.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.78	1092382.	4.38	249481.	36487.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.35	1091690.	3.61	302020.	20331.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.95	1091353.	3.79	287932.	11561.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.57	1091211.	3.26	334560.	10121.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.12	1091004.	3.53	309001.	18593.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.89	1090841.	2.70	403795.	41205.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.33	1090666.	5.05	216183.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1090700.	5.15	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.05	1100000.	8.09	135904.	66812.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.73	1099024.	3.77	291474.	18046.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.87	1098532.	4.02	273511.	14954.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.68	1098100.	7.80	140728.	8249.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.59	1097598.	5.24	209297.	14803.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.01	1097302.	3.65	300954.	9037.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.26	1095476.	4.96	221016.	49722.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.12	1095130.	6.38	171680.	43796.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.69	1093961.	7.03	155644.	3731.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.64	1093818.	5.50	198711.	6408.	11.21	0.0210	0.	66.	0.17
MILE 382.64	623.79	1093699.	4.49	243367.	36844.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.79	1092984.	4.38	249519.	36491.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.36	1092347.	3.62	302055.	20332.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.95	1092037.	3.79	287957.	11561.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.57	1091907.	3.26	334587.	10121.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.12	1091717.	3.53	309027.	18594.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.90	1091568.	2.70	403822.	41207.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.33	1091410.	5.05	216191.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1091443.	5.15	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 505 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 424.70	646.05	1100000.	8.09	135916.	66817.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.74	1099103.	3.77	291515.	18047.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.88	1098651.	4.02	273554.	14955.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.68	1098255.	7.80	140748.	8250.	11.08	0.0270	0.	62.	0.33
MILE 407.88	635.60	1097793.	5.24	209334.	14804.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.02	1097521.	3.65	301028.	9038.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.27	1095839.	4.96	221061.	49730.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.13	1095520.	6.38	171728.	43801.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.70	1094442.	7.03	155674.	3731.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.64	1094310.	5.51	198744.	6408.	11.21	0.0210	0.	66.	0.17
MILE 382.64	623.79	1094201.	4.50	243404.	36853.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.79	1093542.	4.38	249554.	36494.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.36	1092957.	3.62	302087.	20333.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.95	1092672.	3.79	287981.	11561.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.58	1092553.	3.27	334612.	10121.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.12	1092379.	3.53	309051.	18594.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.90	1092243.	2.70	403847.	41208.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.33	1092100.	5.05	216198.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1092133.	5.16	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	646.06	1100000.	8.09	135927.	66822.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.74	1099177.	3.77	291552.	18048.	8.48	0.0230	0.	65.	0.17
MILE 416.28	640.88	1098762.	4.02	273593.	14956.	6.89	0.0270	0.	62.	0.17
MILE 412.08	638.69	1098398.	7.80	140765.	8250.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.60	1097974.	5.24	209368.	14806.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.02	1097723.	3.65	301098.	9038.	5.25	0.0240	0.	60.	0.11
MILE 399.47	631.28	1096175.	4.96	221103.	49738.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.13	1095881.	6.38	171772.	43805.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.70	1094889.	7.03	155701.	3731.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.65	1094767.	5.51	198776.	6408.	11.21	0.0210	0.	66.	0.17
MILE 382.64	623.80	1094667.	4.50	243437.	36861.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.80	1094061.	4.38	249586.	36497.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.37	1093523.	3.62	302117.	20334.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.96	1093261.	3.80	288002.	11562.	12.41	0.0210	0.	72.	0.13
MILE 365.82	621.58	1093152.	3.27	334636.	10121.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.12	1092994.	3.54	309073.	18595.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.90	1092870.	2.71	403870.	41209.	9.19	0.0210	0.	84.	0.15
MILE 353.21	620.33	1092741.	5.05	216204.	9546.	14.08	0.0230	0.	83.	0.19
MILE 349.00	619.10	1092772.	5.16	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-07-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.06	1100000.	8.09	135937.	66826.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.75	1099245.	3.77	291586.	18049.	8.49	0.0230	0.	65. 0.17
MILE	416.28	640.89	1098865.	4.02	273629.	14957.	6.89	0.0270	0.	62. 0.17
MILE	412.08	638.70	1098531.	7.80	140782.	8251.	11.09	0.0270	0.	62. 0.33
MILE	407.88	635.61	1098141.	5.24	209400.	14808.	7.87	0.0270	0.	59. 0.25
MILE	403.67	633.03	1097911.	3.65	301162.	9038.	5.25	0.0240	0.	60. 0.11
MILE	399.47	631.28	1096486.	4.96	221143.	49745.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.14	1096216.	6.38	171813.	43810.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.71	1095303.	7.03	155727.	3731.	11.27	0.0220	0.	59. 0.19
MILE	386.85	624.65	1095191.	5.51	198805.	6408.	11.21	0.0210	0.	66. 0.17
MILE	382.64	623.80	1095099.	4.50	243469.	36869.	11.42	0.0210	0.	61. 0.31
MILE	378.44	622.80	1094542.	4.38	249616.	36499.	9.70	0.0210	0.	66. 0.30
MILE	374.23	622.37	1094048.	3.62	302145.	20334.	11.49	0.0210	0.	64. 0.17
MILE	370.03	621.96	1093808.	3.80	288023.	11562.	12.41	0.0210	0.	72. 0.13
MILE	365.82	621.58	1093708.	3.27	334657.	10122.	12.14	0.0210	0.	68. 0.10
MILE	361.62	621.13	1093564.	3.54	309094.	18595.	11.08	0.0210	0.	76. 0.15
MILE	357.41	620.90	1093451.	2.71	403892.	41210.	9.19	0.0210	0.	84. 0.15
MILE	353.21	620.33	1093335.	5.06	216210.	9546.	14.08	0.0230	0.	83. 0.19
MILE	349.00	619.10	1093365.	5.16	211764.	4558.	14.35	0.0240	0.	85. 0.13

ODATE 11-07-08 SteadyState - 100K to 1300K Guntersville

TIME	23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.06	1100000.	8.09	135946.	66830.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.75	1099308.	3.77	291618.	18049.	8.49	0.0230	0.	65. 0.17
MILE	416.28	640.89	1098960.	4.02	273662.	14957.	6.89	0.0270	0.	62. 0.17
MILE	412.08	638.70	1098654.	7.80	140797.	8251.	11.09	0.0270	0.	62. 0.33
MILE	407.88	635.61	1098296.	5.24	209429.	14809.	7.87	0.0270	0.	59. 0.25
MILE	403.67	633.04	1098085.	3.65	301222.	9039.	5.25	0.0240	0.	60. 0.11
MILE	399.47	631.29	1096775.	4.96	221179.	49752.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.15	1096527.	6.38	171851.	43814.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.71	1095687.	7.03	155751.	3731.	11.27	0.0220	0.	59. 0.19
MILE	386.85	624.66	1095584.	5.51	198833.	6408.	11.21	0.0210	0.	66. 0.17
MILE	382.64	623.80	1095499.	4.50	243498.	36876.	11.42	0.0210	0.	61. 0.31
MILE	378.44	622.80	1094988.	4.39	249645.	36502.	9.70	0.0210	0.	66. 0.30
MILE	374.23	622.37	1094535.	3.62	302171.	20335.	11.49	0.0210	0.	64. 0.17
MILE	370.03	621.96	1094315.	3.80	288042.	11562.	12.41	0.0210	0.	72. 0.13
MILE	365.82	621.58	1094224.	3.27	334678.	10122.	12.14	0.0210	0.	68. 0.10
MILE	361.62	621.13	1094092.	3.54	309114.	18595.	11.08	0.0210	0.	76. 0.15
MILE	357.41	620.90	1093990.	2.71	403913.	41211.	9.20	0.0210	0.	84. 0.15
MILE	353.21	620.33	1093886.	5.06	216216.	9547.	14.08	0.0230	0.	83. 0.19

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MILE 349.00 619.10 1093915. 5.17 211764. 4558. 14.35 0.0240 0. 85. 0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.06	1100000.	8.09	135955.	66834.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.75	1099366.	3.77	291647.	18050.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.89	1099048.	4.02	273693.	14958.	6.89	0.0270	0. 62. 0.17
MILE 412.08	638.70	1098768.	7.80	140812.	8252.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.62	1098440.	5.24	209456.	14810.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.04	1098246.	3.65	301278.	9039.	5.25	0.0240	0. 60. 0.11
MILE 399.47	631.29	1097042.	4.96	221213.	49758.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.15	1096814.	6.38	171887.	43817.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.72	1096043.	7.04	155774.	3731.	11.27	0.0220	0. 59. 0.19
MILE 386.85	624.66	1095948.	5.51	198858.	6408.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.81	1095870.	4.50	243525.	36882.	11.42	0.0210	0. 61. 0.31
MILE 378.44	622.81	1095401.	4.39	249671.	36504.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.37	1094986.	3.62	302196.	20335.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.97	1094785.	3.80	288059.	11562.	12.41	0.0210	0. 72. 0.13
MILE 365.82	621.59	1094702.	3.27	334697.	10122.	12.14	0.0210	0. 68. 0.10
MILE 361.62	621.13	1094582.	3.54	309132.	18596.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.91	1094489.	2.71	403932.	41212.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.33	1094396.	5.06	216221.	9547.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1094424.	5.17	211764.	4558.	14.35	0.0240	0. 85. 0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.07	1100000.	8.09	135963.	66837.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.76	1099420.	3.77	291674.	18050.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.90	1099129.	4.02	273722.	14958.	6.89	0.0270	0. 62. 0.17
MILE 412.08	638.71	1098873.	7.80	140825.	8252.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.62	1098572.	5.24	209482.	14811.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.05	1098395.	3.65	301329.	9039.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.30	1097290.	4.96	221245.	49763.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.16	1097080.	6.38	171920.	43821.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.72	1096372.	7.04	155795.	3731.	11.27	0.0220	0. 59. 0.19
MILE 386.85	624.67	1096285.	5.51	198882.	6408.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.81	1096214.	4.50	243551.	36888.	11.42	0.0210	0. 61. 0.31
MILE 378.44	622.81	1095784.	4.39	249695.	36506.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.38	1095404.	3.62	302219.	20336.	11.49	0.0210	0. 64. 0.17

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
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MILE 370.03	621.97	1095220.	3.80	288076.	11563.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.59	1095144.	3.27	334714.	10122.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.13	1095035.	3.54	309149.	18596.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.91	1094951.	2.71	403949.	41213.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1094868.	5.06	216226.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1094895.	5.17	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL	
2.0000	FROUDE									
INFLOW	DEPTH									
MILE 424.70	646.07	1100000.	8.09	135969.	66840.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.76	1099470.	3.77	291698.	18051.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.90	1099204.	4.02	273748.	14959.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.71	1098970.	7.80	140837.	8252.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.63	1098695.	5.24	209505.	14813.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.05	1098533.	3.65	301377.	9040.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.30	1097519.	4.96	221274.	49769.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.16	1097327.	6.38	171950.	43824.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.73	1096677.	7.04	155814.	3732.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.67	1096597.	5.51	198904.	6408.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.82	1096532.	4.50	243574.	36894.	11.42	0.0210	0.	61.	0.31
MILE 378.44	622.81	1096138.	4.39	249718.	36508.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.38	1095791.	3.63	302240.	20336.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.97	1095623.	3.80	288091.	11563.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.59	1095554.	3.27	334731.	10122.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.13	1095455.	3.54	309164.	18596.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.91	1095379.	2.71	403966.	41214.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1095305.	5.07	216231.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1095331.	5.17	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL	
3.0000	FROUDE									
INFLOW	DEPTH									
MILE 424.70	646.07	1100000.	8.09	135976.	66843.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.76	1099516.	3.77	291720.	18051.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.90	1099273.	4.02	273772.	14959.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.72	1099060.	7.80	140848.	8253.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.63	1098808.	5.24	209527.	14814.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.06	1098660.	3.64	301422.	9040.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.31	1097731.	4.96	221301.	49773.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.17	1097555.	6.38	171979.	43827.	8.13	0.0220	0.	70.	0.57

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MILE 391.06	625.73	1096959.	7.04	155832.	3732.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.67	1096886.	5.51	198924.	6408.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.82	1096826.	4.50	243596.	36899.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.82	1096466.	4.39	249739.	36510.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.38	1096149.	3.63	302259.	20337.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.97	1095996.	3.80	288105.	11563.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.59	1095933.	3.27	334746.	10122.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.14	1095843.	3.54	309179.	18597.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.91	1095774.	2.71	403981.	41214.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1095709.	5.07	216235.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1095734.	5.17	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.07	1100000.	8.09	135982.	66846.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.76	1099559.	3.77	291741.	18052.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.91	1099337.	4.02	273794.	14960.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.72	1099143.	7.80	140858.	8253.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.63	1098913.	5.24	209547.	14815.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.06	1098777.	3.64	301463.	9040.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.31	1097926.	4.96	221326.	49778.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.17	1097765.	6.38	172005.	43829.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.73	1097220.	7.04	155849.	3732.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.68	1097153.	5.51	198943.	6408.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.82	1097098.	4.50	243616.	36904.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.82	1096769.	4.39	249759.	36512.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.38	1096480.	3.63	302278.	20337.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.97	1096340.	3.81	288118.	11563.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.59	1096283.	3.27	334760.	10122.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.14	1096202.	3.55	309193.	18597.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.91	1096140.	2.71	403995.	41215.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1096082.	5.07	216239.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1096106.	5.18	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.07	1100000.	8.09	135987.	66848.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.77	1099598.	3.77	291760.	18052.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.91	1099396.	4.02	273815.	14960.	6.90	0.0270	0.	62.	0.17

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MILE 412.08	638.72	1099219.	7.80	140868.	8253.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.64	1099009.	5.24	209566.	14815.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.06	1098885.	3.64	301501.	9040.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.32	1098107.	4.96	221350.	49782.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.17	1097960.	6.38	172030.	43832.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.74	1097461.	7.04	155865.	3732.	11.27	0.0220	0.	59.	0.19
MILE 386.85	624.68	1097400.	5.52	198961.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.82	1097350.	4.50	243635.	36908.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.82	1097050.	4.39	249777.	36514.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.39	1096786.	3.63	302294.	20338.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.98	1096659.	3.81	288131.	11563.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.59	1096606.	3.28	334773.	10122.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.14	1096533.	3.55	309205.	18597.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.91	1096478.	2.71	404008.	41216.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1096427.	5.07	216243.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1096450.	5.18	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.07	1100000.	8.09	135991.	66850.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.77	1099634.	3.77	291777.	18053.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.91	1099451.	4.02	273834.	14961.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.72	1099289.	7.80	140877.	8253.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.64	1099098.	5.24	209583.	14816.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.07	1098985.	3.64	301537.	9041.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.32	1098274.	4.96	221372.	49786.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.18	1098139.	6.38	172053.	43834.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.74	1097683.	7.04	155879.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.68	1097628.	5.52	198977.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.83	1097582.	4.50	243653.	36912.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.82	1097308.	4.39	249794.	36515.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.39	1097068.	3.63	302310.	20338.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.98	1096952.	3.81	288142.	11563.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.60	1096905.	3.28	334785.	10122.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.14	1096839.	3.55	309217.	18597.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.91	1096789.	2.71	404020.	41216.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1096745.	5.07	216246.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1096767.	5.18	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.08	1100000.	8.09	135996.	66852.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.77	1099667.	3.77	291793.	18053.	8.49	0.0230	0.	65. 0.17
MILE	416.28	640.91	1099501.	4.01	273851.	14961.	6.90	0.0270	0.	62. 0.17
MILE	412.08	638.73	1099354.	7.80	140885.	8254.	11.09	0.0270	0.	62. 0.33
MILE	407.88	635.64	1099180.	5.24	209599.	14817.	7.87	0.0270	0.	59. 0.25
MILE	403.67	633.07	1099077.	3.64	301570.	9041.	5.26	0.0240	0.	60. 0.11
MILE	399.47	631.32	1098428.	4.96	221392.	49790.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.18	1098305.	6.38	172074.	43836.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.74	1097889.	7.04	155892.	3732.	11.28	0.0220	0.	59. 0.19
MILE	386.85	624.68	1097838.	5.52	198992.	6409.	11.22	0.0210	0.	66. 0.17
MILE	382.64	623.83	1097796.	4.51	243669.	36916.	11.43	0.0210	0.	61. 0.31
MILE	378.44	622.82	1097547.	4.39	249810.	36517.	9.70	0.0210	0.	66. 0.30
MILE	374.23	622.39	1097329.	3.63	302325.	20338.	11.49	0.0210	0.	64. 0.17
MILE	370.03	621.98	1097224.	3.81	288152.	11564.	12.42	0.0210	0.	72. 0.13
MILE	365.82	621.60	1097181.	3.28	334797.	10122.	12.14	0.0210	0.	68. 0.10
MILE	361.62	621.14	1097122.	3.55	309228.	18598.	11.08	0.0210	0.	76. 0.15
MILE	357.41	620.92	1097077.	2.72	404032.	41217.	9.20	0.0210	0.	84. 0.15
MILE	353.21	620.34	1097038.	5.07	216249.	9547.	14.09	0.0230	0.	83. 0.19
MILE	349.00	619.10	1097059.	5.18	211764.	4558.	14.35	0.0240	0.	85. 0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME	8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.08	1100000.	8.09	136000.	66853.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.77	1099698.	3.77	291807.	18053.	8.49	0.0230	0.	65. 0.17
MILE	416.28	640.92	1099547.	4.01	273867.	14961.	6.90	0.0270	0.	62. 0.17
MILE	412.08	638.73	1099414.	7.80	140892.	8254.	11.09	0.0270	0.	62. 0.33
MILE	407.88	635.65	1099256.	5.24	209614.	14818.	7.87	0.0270	0.	59. 0.25
MILE	403.67	633.07	1099162.	3.64	301600.	9041.	5.26	0.0240	0.	60. 0.11
MILE	399.47	631.33	1098570.	4.96	221410.	49793.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.18	1098458.	6.38	172094.	43838.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.75	1098078.	7.04	155905.	3732.	11.28	0.0220	0.	59. 0.19
MILE	386.85	624.69	1098032.	5.52	199006.	6409.	11.22	0.0210	0.	66. 0.17
MILE	382.64	623.83	1097994.	4.51	243684.	36920.	11.43	0.0210	0.	61. 0.31
MILE	378.44	622.83	1097767.	4.39	249824.	36518.	9.70	0.0210	0.	66. 0.30
MILE	374.23	622.39	1097569.	3.63	302338.	20339.	11.49	0.0210	0.	64. 0.17
MILE	370.03	621.98	1097474.	3.81	288162.	11564.	12.42	0.0210	0.	72. 0.13
MILE	365.82	621.60	1097436.	3.28	334807.	10123.	12.14	0.0210	0.	68. 0.10
MILE	361.62	621.14	1097382.	3.55	309238.	18598.	11.08	0.0210	0.	76. 0.15
MILE	357.41	620.92	1097342.	2.72	404042.	41217.	9.20	0.0210	0.	84. 0.15
MILE	353.21	620.34	1097309.	5.07	216252.	9547.	14.09	0.0230	0.	83. 0.19
MILE	349.00	619.10	1097329.	5.18	211764.	4558.	14.35	0.0240	0.	85. 0.13

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Appendix I		Checked	WBB

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TIME 9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136003.	66855.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.77	1099726.	3.77	291820.	18053.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.92	1099590.	4.01	273881.	14961.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.73	1099469.	7.80	140899.	8254.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.65	1099325.	5.24	209627.	14818.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.08	1099240.	3.64	301628.	9041.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.33	1098701.	4.96	221427.	49796.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.19	1098598.	6.38	172112.	43840.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.75	1098253.	7.04	155916.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.69	1098211.	5.52	199020.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.83	1098176.	4.51	243698.	36923.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.83	1097970.	4.39	249838.	36519.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.39	1097791.	3.63	302351.	20339.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.98	1097705.	3.81	288171.	11564.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.60	1097670.	3.28	334817.	10123.	12.14	0.0210	0. 68. 0.10
MILE 361.62	621.14	1097622.	3.55	309247.	18598.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.92	1097587.	2.72	404052.	41218.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.34	1097558.	5.08	216255.	9547.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1097577.	5.18	211764.	4558.	14.35	0.0240	0. 85. 0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136006.	66856.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.77	1099752.	3.77	291832.	18054.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.92	1099629.	4.01	273895.	14962.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.73	1099520.	7.80	140905.	8254.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.65	1099389.	5.24	209640.	14819.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.08	1099312.	3.64	301654.	9041.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.33	1098821.	4.96	221443.	49799.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.19	1098728.	6.38	172129.	43842.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.75	1098414.	7.04	155927.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.69	1098375.	5.52	199032.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.83	1098344.	4.51	243711.	36926.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.83	1098157.	4.40	249850.	36520.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.39	1097995.	3.63	302362.	20339.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.98	1097917.	3.81	288180.	11564.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.60	1097886.	3.28	334826.	10123.	12.14	0.0210	0. 68. 0.10

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MILE 361.62	621.14	1097843.	3.55	309256.	18598.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1097812.	2.72	404061.	41218.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1097787.	5.08	216258.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1097806.	5.18	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136009.	66857.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099776.	3.77	291843.	18054.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.92	1099665.	4.01	273907.	14962.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.73	1099566.	7.80	140911.	8254.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.65	1099448.	5.24	209651.	14820.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.08	1099378.	3.64	301678.	9041.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.34	1098932.	4.96	221458.	49802.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.19	1098847.	6.38	172144.	43843.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.75	1098562.	7.04	155937.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.69	1098527.	5.52	199043.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.84	1098498.	4.51	243723.	36929.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.83	1098329.	4.40	249862.	36521.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1098183.	3.63	302373.	20340.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.98	1098113.	3.81	288187.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.60	1098084.	3.28	334834.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.14	1098046.	3.55	309264.	18598.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098019.	2.72	404069.	41219.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1097998.	5.08	216260.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098016.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136011.	66859.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099798.	3.77	291853.	18054.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.92	1099698.	4.01	273918.	14962.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.74	1099609.	7.80	140916.	8254.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.66	1099502.	5.24	209662.	14820.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.08	1099438.	3.64	301700.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.34	1099034.	4.96	221472.	49804.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.19	1098957.	6.38	172158.	43845.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.75	1098698.	7.05	155946.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.69	1098666.	5.52	199053.	6409.	11.22	0.0210	0.	66.	0.17

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MILE 382.64	623.84	1098640.	4.51	243734.	36932.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.83	1098488.	4.40	249872.	36522.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1098355.	3.63	302383.	20340.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1098292.	3.81	288195.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.60	1098267.	3.28	334842.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.15	1098233.	3.55	309271.	18598.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098209.	2.72	404077.	41219.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1098192.	5.08	216262.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098209.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136014.	66859.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099818.	3.77	291862.	18054.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099728.	4.01	273929.	14962.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.74	1099648.	7.80	140921.	8254.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.66	1099551.	5.24	209672.	14821.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.09	1099494.	3.64	301721.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.34	1099127.	4.96	221484.	49806.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.20	1099058.	6.38	172172.	43846.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.76	1098823.	7.05	155954.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.70	1098794.	5.52	199063.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.84	1098771.	4.51	243744.	36934.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.83	1098633.	4.40	249882.	36523.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1098514.	3.63	302392.	20340.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1098457.	3.81	288201.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.60	1098435.	3.28	334849.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.15	1098405.	3.55	309278.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098384.	2.72	404084.	41219.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.34	1098370.	5.08	216264.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098386.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136016.	66860.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099836.	3.77	291870.	18054.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099756.	4.01	273938.	14963.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.74	1099684.	7.80	140925.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.66	1099596.	5.24	209681.	14821.	7.87	0.0270	0.	59.	0.25

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MILE 403.67	633.09	1099545.	3.64	301739.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.34	1099213.	4.96	221496.	49808.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.20	1099150.	6.38	172184.	43847.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.76	1098938.	7.05	155962.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.70	1098912.	5.52	199071.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.84	1098891.	4.51	243754.	36936.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.83	1098767.	4.40	249891.	36524.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1098660.	3.63	302401.	20340.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1098609.	3.81	288207.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1098589.	3.28	334855.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.15	1098563.	3.55	309284.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098544.	2.72	404090.	41220.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1098533.	5.08	216266.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098548.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136017.	66861.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099853.	3.77	291878.	18055.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099781.	4.01	273947.	14963.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.74	1099716.	7.80	140930.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.66	1099638.	5.24	209689.	14821.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.09	1099592.	3.64	301757.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.34	1099292.	4.96	221507.	49810.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.20	1099235.	6.38	172195.	43848.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.76	1099043.	7.05	155969.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.70	1099020.	5.52	199080.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.84	1099001.	4.51	243763.	36938.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1098890.	4.40	249900.	36525.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1098794.	3.63	302409.	20340.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1098748.	3.81	288213.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1098731.	3.28	334862.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.15	1098707.	3.55	309290.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098692.	2.72	404096.	41220.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1098683.	5.08	216268.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098697.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	646.08	1100000.	8.09	136019.	66862.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099869.	3.77	291884.	18055.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099804.	4.01	273954.	14963.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.74	1099746.	7.80	140933.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.66	1099676.	5.24	209697.	14822.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.09	1099634.	3.64	301773.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.35	1099364.	4.96	221516.	49812.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.20	1099313.	6.38	172206.	43850.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.76	1099140.	7.05	155976.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.70	1099119.	5.52	199087.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.84	1099102.	4.51	243771.	36940.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099002.	4.40	249908.	36525.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1098916.	3.63	302416.	20341.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1098876.	3.81	288218.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1098860.	3.28	334867.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.15	1098840.	3.55	309295.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098826.	2.72	404102.	41220.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1098820.	5.08	216269.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098833.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	646.08	1100000.	8.09	136020.	66862.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099883.	3.77	291890.	18055.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099825.	4.01	273962.	14963.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.74	1099774.	7.80	140937.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.66	1099711.	5.24	209704.	14822.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.09	1099674.	3.64	301787.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.35	1099430.	4.96	221525.	49814.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.20	1099384.	6.38	172215.	43851.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.76	1099229.	7.05	155982.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.70	1099210.	5.52	199094.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.84	1099194.	4.51	243778.	36942.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099105.	4.40	249915.	36526.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1099029.	3.63	302422.	20341.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1098993.	3.81	288223.	11564.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1098979.	3.28	334872.	10123.	12.14	0.0210	0.	68.	0.10
MILE 361.62	621.15	1098961.	3.55	309300.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1098950.	2.72	404107.	41220.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1098945.	5.08	216271.	9547.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1098958.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

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Appendix I		Checked	WBB

TIME 18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136021.	66863.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.78	1099896.	3.77	291896.	18055.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.93	1099845.	4.01	273968.	14963.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.74	1099799.	7.80	140940.	8255.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.66	1099742.	5.24	209710.	14822.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.09	1099709.	3.64	301801.	9042.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.35	1099491.	4.96	221534.	49815.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.20	1099449.	6.38	172224.	43851.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.76	1099310.	7.05	155988.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.70	1099293.	5.52	199100.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099279.	4.51	243785.	36944.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.84	1099199.	4.40	249921.	36527.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.40	1099131.	3.63	302428.	20341.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.99	1099100.	3.81	288227.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1099088.	3.28	334877.	10123.	12.14	0.0210	0. 68. 0.10
MILE 361.62	621.15	1099072.	3.55	309305.	18599.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.92	1099063.	2.72	404112.	41221.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1099060.	5.08	216272.	9547.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1099072.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136022.	66863.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.78	1099908.	3.77	291901.	18055.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.93	1099862.	4.01	273974.	14963.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.74	1099822.	7.80	140943.	8255.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1099771.	5.24	209716.	14823.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.10	1099742.	3.64	301813.	9042.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.35	1099546.	4.96	221541.	49816.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.20	1099509.	6.38	172232.	43852.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.76	1099384.	7.05	155993.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.70	1099369.	5.52	199106.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099356.	4.51	243791.	36945.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.84	1099286.	4.40	249927.	36527.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.40	1099225.	3.63	302434.	20341.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.99	1099197.	3.81	288232.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1099187.	3.28	334881.	10123.	12.14	0.0210	0. 68. 0.10
MILE 361.62	621.15	1099174.	3.55	309309.	18599.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.92	1099166.	2.72	404116.	41221.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1099164.	5.08	216273.	9548.	14.09	0.0230	0. 83. 0.19

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MILE 349.00 619.10 1099176. 5.19 211764. 4558. 14.35 0.0240 0. 85. 0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136023.	66864.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.78	1099918.	3.77	291905.	18055.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.93	1099878.	4.01	273979.	14963.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1099842.	7.80	140945.	8255.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1099798.	5.24	209721.	14823.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.10	1099772.	3.64	301825.	9042.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.35	1099596.	4.96	221549.	49818.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.21	1099563.	6.38	172240.	43853.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.76	1099451.	7.05	155998.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.70	1099438.	5.52	199112.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099427.	4.51	243797.	36947.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.84	1099364.	4.40	249933.	36528.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.40	1099311.	3.63	302439.	20341.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.99	1099287.	3.81	288235.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1099277.	3.28	334885.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1099266.	3.55	309313.	18599.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.92	1099260.	2.72	404120.	41221.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1099260.	5.08	216274.	9548.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1099271.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

ODATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136024.	66864.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.78	1099928.	3.77	291909.	18055.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.93	1099893.	4.01	273984.	14963.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1099861.	7.80	140947.	8255.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1099822.	5.24	209726.	14823.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.10	1099799.	3.64	301835.	9042.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.35	1099642.	4.96	221555.	49819.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.21	1099613.	6.38	172247.	43854.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1099513.	7.05	156002.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.70	1099501.	5.52	199117.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099492.	4.51	243802.	36948.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.84	1099436.	4.40	249938.	36528.	9.70	0.0210	0. 66. 0.30
MILE 374.23	622.40	1099389.	3.64	302444.	20341.	11.49	0.0210	0. 64. 0.17

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MILE 370.03	621.99	1099368.	3.81	288239.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099360.	3.28	334889.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099351.	3.55	309316.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1099346.	2.72	404124.	41221.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099347.	5.08	216275.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099357.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136025.	66864.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099937.	3.77	291912.	18055.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099906.	4.01	273988.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1099879.	7.80	140950.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099844.	5.24	209731.	14823.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.10	1099823.	3.64	301845.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.35	1099684.	4.96	221561.	49820.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099658.	6.38	172253.	43854.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099570.	7.05	156006.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.70	1099559.	5.52	199121.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099550.	4.51	243807.	36949.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099502.	4.40	249943.	36529.	9.70	0.0210	0.	66.	0.30
MILE 374.23	622.40	1099461.	3.64	302448.	20341.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1099442.	3.81	288242.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099435.	3.28	334892.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099428.	3.55	309320.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.92	1099424.	2.72	404127.	41221.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099426.	5.08	216276.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099436.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-08-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136025.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.78	1099945.	3.77	291915.	18055.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099918.	4.01	273992.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1099894.	7.80	140951.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099864.	5.24	209735.	14824.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.10	1099846.	3.64	301853.	9042.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.35	1099723.	4.96	221566.	49821.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099699.	6.38	172259.	43855.	8.13	0.0220	0.	70.	0.57

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MILE 391.06	625.77	1099621.	7.05	156010.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099612.	5.52	199125.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099604.	4.51	243812.	36950.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099561.	4.40	249947.	36529.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099526.	3.64	302453.	20341.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1099510.	3.81	288245.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099504.	3.28	334896.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099498.	3.55	309322.	18599.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099495.	2.72	404130.	41221.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099498.	5.08	216277.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099507.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.78	1099952.	3.77	291918.	18055.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.93	1099929.	4.01	273996.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1099908.	7.80	140953.	8255.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1099882.	5.24	209739.	14824.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.10	1099866.	3.64	301861.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.35	1099757.	4.96	221571.	49822.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.21	1099737.	6.38	172264.	43855.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1099668.	7.05	156013.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1099659.	5.52	199129.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099653.	4.51	243816.	36951.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.84	1099615.	4.40	249951.	36529.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1099585.	3.64	302456.	20342.	11.49	0.0210	0. 64. 0.17
MILE 370.03	621.99	1099571.	3.81	288248.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1099566.	3.28	334898.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1099561.	3.55	309325.	18599.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.93	1099559.	2.72	404133.	41222.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1099563.	5.08	216278.	9548.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1099572.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.78	1099959.	3.77	291921.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.93	1099939.	4.01	273999.	14964.	6.90	0.0270	0. 62. 0.17

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MILE 412.08	638.75	1099921.	7.80	140955.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099898.	5.24	209742.	14824.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.10	1099884.	3.64	301869.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1099789.	4.96	221576.	49823.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099770.	6.38	172269.	43856.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099710.	7.05	156016.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099703.	5.52	199133.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099697.	4.51	243820.	36952.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099665.	4.40	249955.	36530.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099638.	3.64	302460.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1099627.	3.81	288250.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099623.	3.28	334901.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099619.	3.55	309328.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099618.	2.72	404136.	41222.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099622.	5.08	216279.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099631.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1099965.	3.77	291923.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.93	1099948.	4.01	274002.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1099933.	7.80	140956.	8255.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099913.	5.24	209745.	14824.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.10	1099901.	3.64	301875.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1099817.	4.96	221580.	49823.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099801.	6.38	172273.	43856.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099748.	7.05	156019.	3732.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099742.	5.52	199136.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099737.	4.51	243823.	36953.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099709.	4.40	249958.	36530.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099687.	3.64	302463.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	621.99	1099677.	3.81	288252.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099674.	3.28	334903.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099671.	3.56	309330.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099671.	2.72	404138.	41222.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099676.	5.08	216279.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099684.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.08	1100000.	8.09	136027.	66865.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.79	1099970.	3.77	291925.	18056.	8.49	0.0230	0.	65. 0.17
MILE	416.28	640.93	1099956.	4.01	274005.	14964.	6.90	0.0270	0.	62. 0.17
MILE	412.08	638.75	1099943.	7.80	140957.	8255.	11.09	0.0270	0.	62. 0.33
MILE	407.88	635.67	1099926.	5.24	209748.	14824.	7.87	0.0270	0.	59. 0.25
MILE	403.67	633.10	1099916.	3.64	301881.	9043.	5.26	0.0240	0.	60. 0.11
MILE	399.47	631.36	1099843.	4.96	221584.	49824.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.21	1099829.	6.38	172278.	43857.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.77	1099783.	7.05	156022.	3732.	11.28	0.0220	0.	59. 0.19
MILE	386.85	624.71	1099778.	5.52	199139.	6409.	11.22	0.0210	0.	66. 0.17
MILE	382.64	623.85	1099773.	4.51	243826.	36954.	11.43	0.0210	0.	61. 0.31
MILE	378.44	622.84	1099750.	4.40	249961.	36530.	9.71	0.0210	0.	66. 0.30
MILE	374.23	622.41	1099731.	3.64	302465.	20342.	11.49	0.0210	0.	64. 0.17
MILE	370.03	621.99	1099723.	3.82	288254.	11565.	12.42	0.0210	0.	72. 0.13
MILE	365.82	621.61	1099720.	3.28	334906.	10123.	12.15	0.0210	0.	68. 0.10
MILE	361.62	621.15	1099718.	3.56	309332.	18600.	11.08	0.0210	0.	76. 0.15
MILE	357.41	620.93	1099719.	2.72	404140.	41222.	9.20	0.0210	0.	84. 0.15
MILE	353.21	620.35	1099724.	5.08	216280.	9548.	14.09	0.0230	0.	83. 0.19
MILE	349.00	619.10	1099732.	5.19	211764.	4558.	14.35	0.0240	0.	85. 0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME	4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	646.08	1100000.	8.09	136027.	66865.	10.82	0.0230	0.	70. 1.00
MILE	420.49	643.79	1099975.	3.77	291926.	18056.	8.49	0.0230	0.	65. 0.17
MILE	416.28	640.94	1099964.	4.01	274007.	14964.	6.90	0.0270	0.	62. 0.17
MILE	412.08	638.75	1099953.	7.80	140959.	8255.	11.09	0.0270	0.	62. 0.33
MILE	407.88	635.67	1099938.	5.24	209750.	14824.	7.87	0.0270	0.	59. 0.25
MILE	403.67	633.10	1099929.	3.64	301887.	9043.	5.26	0.0240	0.	60. 0.11
MILE	399.47	631.36	1099866.	4.96	221587.	49825.	8.39	0.0220	0.	67. 0.41
MILE	395.26	628.21	1099854.	6.38	172281.	43857.	8.13	0.0220	0.	70. 0.57
MILE	391.06	625.77	1099815.	7.05	156024.	3732.	11.28	0.0220	0.	59. 0.19
MILE	386.85	624.71	1099810.	5.52	199142.	6409.	11.22	0.0210	0.	66. 0.17
MILE	382.64	623.85	1099806.	4.51	243829.	36954.	11.43	0.0210	0.	61. 0.31
MILE	378.44	622.84	1099786.	4.40	249964.	36530.	9.71	0.0210	0.	66. 0.30
MILE	374.23	622.41	1099771.	3.64	302468.	20342.	11.49	0.0210	0.	64. 0.17
MILE	370.03	621.99	1099764.	3.82	288256.	11565.	12.42	0.0210	0.	72. 0.13
MILE	365.82	621.61	1099762.	3.28	334908.	10123.	12.15	0.0210	0.	68. 0.10
MILE	361.62	621.15	1099761.	3.56	309334.	18600.	11.08	0.0210	0.	76. 0.15
MILE	357.41	620.93	1099762.	2.72	404142.	41222.	9.20	0.0210	0.	84. 0.15
MILE	353.21	620.35	1099768.	5.08	216281.	9548.	14.09	0.0230	0.	83. 0.19
MILE	349.00	619.10	1099775.	5.19	211764.	4558.	14.35	0.0240	0.	85. 0.13

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Appendix I		Checked	WBB

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME	5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	646.09	1100000.	8.09	136027.	66865.	10.82	0.0230	0. 70. 1.00
MILE	420.49	643.79	1099979.	3.77	291928.	18056.	8.49	0.0230	0. 65. 0.17
MILE	416.28	640.94	1099970.	4.01	274009.	14964.	6.90	0.0270	0. 62. 0.17
MILE	412.08	638.75	1099961.	7.80	140960.	8255.	11.09	0.0270	0. 62. 0.33
MILE	407.88	635.67	1099949.	5.24	209753.	14824.	7.87	0.0270	0. 59. 0.25
MILE	403.67	633.10	1099941.	3.64	301892.	9043.	5.26	0.0240	0. 60. 0.11
MILE	399.47	631.36	1099887.	4.96	221590.	49825.	8.39	0.0220	0. 67. 0.41
MILE	395.26	628.21	1099877.	6.38	172285.	43858.	8.13	0.0220	0. 70. 0.57
MILE	391.06	625.77	1099843.	7.05	156026.	3732.	11.28	0.0220	0. 59. 0.19
MILE	386.85	624.71	1099839.	5.52	199144.	6409.	11.22	0.0210	0. 66. 0.17
MILE	382.64	623.85	1099836.	4.51	243832.	36955.	11.43	0.0210	0. 61. 0.31
MILE	378.44	622.84	1099819.	4.40	249967.	36531.	9.71	0.0210	0. 66. 0.30
MILE	374.23	622.41	1099806.	3.64	302470.	20342.	11.49	0.0210	0. 64. 0.17
MILE	370.03	621.99	1099801.	3.82	288258.	11565.	12.42	0.0210	0. 72. 0.13
MILE	365.82	621.61	1099800.	3.28	334909.	10123.	12.15	0.0210	0. 68. 0.10
MILE	361.62	621.15	1099799.	3.56	309336.	18600.	11.08	0.0210	0. 76. 0.15
MILE	357.41	620.93	1099801.	2.72	404144.	41222.	9.20	0.0210	0. 84. 0.15
MILE	353.21	620.35	1099807.	5.09	216281.	9548.	14.09	0.0230	0. 83. 0.19
MILE	349.00	619.10	1099814.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME	6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	646.09	1100000.	8.09	136027.	66865.	10.82	0.0230	0. 70. 1.00
MILE	420.49	643.79	1099983.	3.77	291929.	18056.	8.49	0.0230	0. 65. 0.17
MILE	416.28	640.94	1099976.	4.01	274011.	14964.	6.90	0.0270	0. 62. 0.17
MILE	412.08	638.75	1099969.	7.80	140961.	8256.	11.09	0.0270	0. 62. 0.33
MILE	407.88	635.67	1099958.	5.24	209755.	14825.	7.87	0.0270	0. 59. 0.25
MILE	403.67	633.10	1099952.	3.64	301897.	9043.	5.26	0.0240	0. 60. 0.11
MILE	399.47	631.36	1099906.	4.96	221593.	49826.	8.39	0.0220	0. 67. 0.41
MILE	395.26	628.21	1099897.	6.38	172288.	43858.	8.13	0.0220	0. 70. 0.57
MILE	391.06	625.77	1099869.	7.05	156028.	3732.	11.28	0.0220	0. 59. 0.19
MILE	386.85	624.71	1099865.	5.52	199146.	6409.	11.22	0.0210	0. 66. 0.17
MILE	382.64	623.85	1099863.	4.51	243834.	36955.	11.43	0.0210	0. 61. 0.31
MILE	378.44	622.84	1099849.	4.40	249969.	36531.	9.71	0.0210	0. 66. 0.30
MILE	374.23	622.41	1099839.	3.64	302473.	20342.	11.49	0.0210	0. 64. 0.17
MILE	370.03	621.99	1099835.	3.82	288259.	11565.	12.42	0.0210	0. 72. 0.13
MILE	365.82	621.61	1099834.	3.28	334911.	10123.	12.15	0.0210	0. 68. 0.10

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MILE 361.62	621.15	1099834.	3.56	309337.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099836.	2.72	404146.	41222.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099843.	5.09	216282.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099849.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.09	1100000.	8.09	136027.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1099987.	3.77	291930.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1099981.	4.01	274012.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1099976.	7.80	140961.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1099967.	5.24	209757.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.10	1099962.	3.64	301901.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1099923.	4.96	221596.	49826.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.21	1099916.	6.38	172291.	43858.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1099892.	7.05	156030.	3732.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1099889.	5.52	199148.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099887.	4.51	243836.	36956.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.84	1099876.	4.40	249971.	36531.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1099868.	3.64	302475.	20342.	11.49	0.0210	0. 64. 0.17
MILE 370.03	622.00	1099865.	3.82	288261.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1099864.	3.28	334913.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1099865.	3.56	309339.	18600.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.93	1099867.	2.72	404147.	41222.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1099874.	5.09	216282.	9548.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1099880.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.09	1100000.	8.09	136027.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1099990.	3.77	291931.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1099986.	4.01	274014.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1099982.	7.80	140962.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1099975.	5.24	209759.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.10	1099971.	3.64	301904.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1099938.	4.96	221598.	49827.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.21	1099932.	6.38	172293.	43858.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1099912.	7.05	156032.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1099910.	5.52	199150.	6409.	11.22	0.0210	0. 66. 0.17

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MILE 382.64	623.85	1099908.	4.51	243838.	36956.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.84	1099900.	4.40	249973.	36531.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099894.	3.64	302476.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1099892.	3.82	288262.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099892.	3.28	334914.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099893.	3.56	309340.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099895.	2.72	404148.	41222.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099902.	5.09	216282.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099908.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.09	1100000.	8.09	136027.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1099993.	3.77	291932.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1099990.	4.01	274015.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1099987.	7.80	140963.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099982.	5.24	209760.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1099979.	3.64	301908.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1099952.	4.96	221600.	49827.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099947.	6.38	172295.	43859.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099931.	7.05	156033.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099929.	5.52	199152.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099927.	4.51	243840.	36957.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1099921.	4.40	249975.	36531.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099917.	3.64	302478.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1099916.	3.82	288263.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099916.	3.28	334915.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099918.	3.56	309341.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099920.	2.72	404150.	41222.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099928.	5.09	216283.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099933.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.09	1100000.	8.09	136027.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1099995.	3.77	291932.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1099994.	4.01	274016.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1099992.	7.80	140963.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099988.	5.24	209761.	14825.	7.87	0.0270	0.	59.	0.25

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MILE 403.67	633.11	1099986.	3.64	301911.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1099964.	4.96	221602.	49827.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099960.	6.38	172297.	43859.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099947.	7.05	156034.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099946.	5.52	199153.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099945.	4.51	243842.	36957.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1099940.	4.40	249976.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099938.	3.64	302479.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1099937.	3.82	288264.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099938.	3.28	334916.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099940.	3.56	309342.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099943.	2.72	404151.	41222.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099950.	5.09	216283.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099955.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136027.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1099997.	3.77	291933.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1099997.	4.01	274017.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1099996.	7.80	140964.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099993.	5.24	209763.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1099992.	3.64	301914.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1099975.	4.96	221604.	49828.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.21	1099972.	6.38	172299.	43859.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099962.	7.05	156036.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099961.	5.52	199155.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099960.	4.51	243843.	36958.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1099957.	4.40	249978.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099956.	3.64	302481.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1099956.	3.82	288265.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099957.	3.28	334917.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099960.	3.56	309343.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099963.	2.72	404152.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099970.	5.09	216283.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099975.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	646.08	1100000.	8.09	136027.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1099999.	3.77	291933.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100000.	4.01	274018.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100000.	7.80	140964.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.67	1099998.	5.24	209764.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1099997.	3.64	301916.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1099985.	4.96	221606.	49828.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1099982.	6.38	172301.	43859.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1099975.	7.05	156037.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1099974.	5.52	199156.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1099974.	4.51	243845.	36958.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1099972.	4.40	249979.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1099973.	3.64	302482.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1099973.	3.82	288266.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1099974.	3.28	334918.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1099977.	3.56	309344.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1099980.	2.72	404153.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1099987.	5.09	216284.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1099992.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136027.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1100001.	3.77	291933.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1100002.	4.01	274019.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1100003.	7.80	140965.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1100002.	5.24	209765.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.11	1100002.	3.64	301918.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1099993.	4.96	221607.	49828.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.22	1099991.	6.38	172303.	43859.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1099986.	7.05	156038.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1099986.	5.52	199157.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099986.	4.51	243846.	36958.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.85	1099986.	4.40	249980.	36532.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1099987.	3.64	302483.	20342.	11.49	0.0210	0. 64. 0.17
MILE 370.03	622.00	1099988.	3.82	288267.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1099989.	3.28	334919.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1099992.	3.56	309345.	18600.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.93	1099996.	2.72	404153.	41223.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1100003.	5.09	216284.	9548.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1100007.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

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TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1100003.	3.77	291934.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1100004.	4.01	274019.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1100006.	7.80	140965.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1100006.	5.24	209766.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.11	1100006.	3.64	301920.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1100001.	4.96	221608.	49828.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.22	1099999.	6.38	172304.	43859.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1099997.	7.05	156039.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1099996.	5.52	199158.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1099996.	4.51	243847.	36959.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.85	1099997.	4.40	249981.	36532.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1100000.	3.64	302484.	20342.	11.49	0.0210	0. 64. 0.17
MILE 370.03	622.00	1100002.	3.82	288268.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1100003.	3.28	334920.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1100006.	3.56	309346.	18600.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.93	1100009.	2.72	404154.	41223.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1100016.	5.09	216284.	9548.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1100020.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

ODATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1100004.	3.77	291934.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1100006.	4.01	274020.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1100008.	7.80	140965.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1100009.	5.24	209766.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.11	1100010.	3.64	301922.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1100007.	4.96	221610.	49829.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.22	1100007.	6.38	172305.	43860.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1100006.	7.05	156039.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1100006.	5.52	199159.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1100006.	4.51	243848.	36959.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.85	1100008.	4.40	249982.	36532.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1100011.	3.64	302485.	20342.	11.49	0.0210	0. 64. 0.17
MILE 370.03	622.00	1100013.	3.82	288268.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1100014.	3.28	334920.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1100018.	3.56	309346.	18600.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.93	1100021.	2.72	404155.	41223.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1100028.	5.09	216284.	9548.	14.09	0.0230	0. 83. 0.19

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MILE 349.00 619.10 1100032. 5.19 211764. 4558. 14.35 0.0240 0. 85. 0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1100005.	3.77	291934.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1100008.	4.01	274020.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1100010.	7.80	140965.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.67	1100012.	5.24	209767.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.11	1100013.	3.64	301924.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1100013.	4.96	221611.	49829.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.22	1100013.	6.38	172306.	43860.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1100013.	7.05	156040.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1100013.	5.52	199160.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1100014.	4.51	243849.	36959.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.85	1100017.	4.40	249983.	36532.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1100021.	3.64	302486.	20342.	11.49	0.0210	0. 64. 0.17
MILE 370.03	622.00	1100023.	3.82	288269.	11565.	12.42	0.0210	0. 72. 0.13
MILE 365.82	621.61	1100025.	3.28	334921.	10123.	12.15	0.0210	0. 68. 0.10
MILE 361.62	621.15	1100028.	3.56	309347.	18600.	11.08	0.0210	0. 76. 0.15
MILE 357.41	620.93	1100031.	2.72	404155.	41223.	9.20	0.0210	0. 84. 0.15
MILE 353.21	620.35	1100038.	5.09	216284.	9548.	14.09	0.0230	0. 83. 0.19
MILE 349.00	619.10	1100042.	5.19	211764.	4558.	14.35	0.0240	0. 85. 0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0. 70. 1.00
MILE 420.49	643.79	1100006.	3.77	291934.	18056.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.94	1100009.	4.01	274020.	14964.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.75	1100012.	7.80	140966.	8256.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.68	1100014.	5.24	209768.	14825.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.11	1100015.	3.64	301925.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1100018.	4.96	221611.	49829.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.22	1100018.	6.38	172307.	43860.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.77	1100020.	7.05	156041.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.71	1100020.	5.52	199161.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.85	1100021.	4.51	243850.	36959.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.85	1100025.	4.40	249984.	36532.	9.71	0.0210	0. 66. 0.30
MILE 374.23	622.41	1100029.	3.64	302486.	20342.	11.49	0.0210	0. 64. 0.17

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MILE 370.03	622.00	1100032.	3.82	288269.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100033.	3.28	334922.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100037.	3.56	309347.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100040.	2.72	404156.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100047.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100050.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL	
INFLOW DEPTH	FROUDE									
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100007.	3.77	291934.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100011.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100014.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100016.	5.24	209768.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100018.	3.64	301926.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100022.	4.96	221612.	49829.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100023.	6.38	172308.	43860.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1100026.	7.05	156041.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100026.	5.52	199161.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100027.	4.51	243850.	36959.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100031.	4.40	249985.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100036.	3.64	302487.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100039.	3.82	288270.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100041.	3.28	334922.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100044.	3.56	309348.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100048.	2.72	404156.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100054.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100057.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

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TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL	
INFLOW DEPTH	FROUDE									
MILE 424.70	646.08	1100000.	8.09	136026.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100007.	3.77	291934.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100012.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100015.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100018.	5.24	209769.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100020.	3.64	301927.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100025.	4.96	221613.	49829.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100027.	6.38	172309.	43860.	8.13	0.0220	0.	70.	0.57

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Appendix I		Checked	WBB

MILE 391.06	625.77	1100031.	7.05	156042.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100032.	5.52	199162.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100032.	4.51	243851.	36959.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100037.	4.40	249985.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100043.	3.64	302488.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100046.	3.82	288270.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100047.	3.28	334922.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100051.	3.56	309348.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100054.	2.72	404157.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100061.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100064.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136025.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100008.	3.77	291934.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100012.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100016.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100019.	5.24	209769.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100021.	3.64	301928.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100029.	4.96	221614.	49829.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100030.	6.38	172310.	43860.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1100035.	7.05	156042.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100036.	5.52	199162.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100037.	4.51	243851.	36960.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100042.	4.40	249986.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100048.	3.64	302488.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100051.	3.82	288270.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100053.	3.28	334923.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100056.	3.56	309349.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100060.	2.72	404157.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100066.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100069.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136025.	66865.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100008.	3.77	291933.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100013.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17

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Appendix I		Checked	WBB

MILE 412.08	638.75	1100017.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100020.	5.24	209769.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100022.	3.64	301929.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100031.	4.96	221614.	49829.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100033.	6.38	172310.	43860.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1100039.	7.05	156043.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100040.	5.52	199163.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100040.	4.51	243852.	36960.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100046.	4.40	249986.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100052.	3.64	302488.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100055.	3.82	288271.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100057.	3.28	334923.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100061.	3.56	309349.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100064.	2.72	404158.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100070.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100073.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	646.08	1100000.	8.09	136025.	66864.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100009.	3.77	291933.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100014.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100018.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100021.	5.24	209770.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100023.	3.64	301930.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100033.	4.96	221615.	49830.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100035.	6.38	172311.	43860.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1100042.	7.05	156043.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100043.	5.52	199163.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100043.	4.51	243852.	36960.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100049.	4.40	249987.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100056.	3.64	302489.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100059.	3.82	288271.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100061.	3.28	334923.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100064.	3.56	309349.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100068.	2.72	404158.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100074.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100076.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

0DATE 11-09-08 SteadyState - 100K to 1300K Guntersville

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Appendix I		Checked	WBB

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136025.	66864.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100009.	3.77	291933.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100014.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100018.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100022.	5.24	209770.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100024.	3.64	301931.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100035.	4.96	221615.	49830.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100037.	6.38	172311.	43860.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1100044.	7.05	156043.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100045.	5.52	199164.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100046.	4.51	243853.	36960.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100052.	4.40	249987.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100059.	3.64	302489.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100062.	3.82	288271.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100064.	3.28	334924.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100067.	3.56	309349.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100071.	2.72	404158.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100076.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100078.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	646.08	1100000.	8.09	136025.	66864.	10.82	0.0230	0.	70.	1.00
MILE 420.49	643.79	1100009.	3.77	291933.	18056.	8.49	0.0230	0.	65.	0.17
MILE 416.28	640.94	1100014.	4.01	274021.	14964.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.75	1100018.	7.80	140966.	8256.	11.09	0.0270	0.	62.	0.33
MILE 407.88	635.68	1100022.	5.24	209770.	14825.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.11	1100025.	3.64	301931.	9043.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.36	1100036.	4.96	221615.	49830.	8.39	0.0220	0.	67.	0.41
MILE 395.26	628.22	1100038.	6.38	172312.	43860.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.77	1100046.	7.05	156044.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.71	1100047.	5.52	199164.	6409.	11.22	0.0210	0.	66.	0.17
MILE 382.64	623.85	1100048.	4.51	243853.	36960.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.85	1100054.	4.40	249987.	36532.	9.71	0.0210	0.	66.	0.30
MILE 374.23	622.41	1100061.	3.64	302489.	20342.	11.49	0.0210	0.	64.	0.17
MILE 370.03	622.00	1100064.	3.82	288272.	11565.	12.42	0.0210	0.	72.	0.13
MILE 365.82	621.61	1100066.	3.28	334924.	10123.	12.15	0.0210	0.	68.	0.10
MILE 361.62	621.15	1100070.	3.56	309350.	18600.	11.08	0.0210	0.	76.	0.15
MILE 357.41	620.93	1100073.	2.72	404158.	41223.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.35	1100078.	5.09	216285.	9548.	14.09	0.0230	0.	83.	0.19
MILE 349.00	619.10	1100080.	5.19	211764.	4558.	14.35	0.0240	0.	85.	0.13

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0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

	TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
	INFLOW DEPTH	FROUDE							
MILE 424.70	646.09	1104167.	8.12	136053.	66876.	10.82	0.0230	0.	70. 1.00
MILE 420.49	643.79	1101621.	3.77	291975.	18057.	8.49	0.0230	0.	65. 0.17
MILE 416.28	640.94	1100564.	4.02	274034.	14964.	6.90	0.0270	0.	62. 0.17
MILE 412.08	638.75	1100141.	7.80	140969.	8256.	11.09	0.0270	0.	62. 0.33
MILE 407.88	635.68	1100049.	5.24	209771.	14825.	7.87	0.0270	0.	59. 0.25
MILE 403.67	633.11	1100032.	3.64	301932.	9043.	5.26	0.0240	0.	60. 0.11
MILE 399.47	631.36	1100037.	4.96	221616.	49830.	8.39	0.0220	0.	67. 0.41
MILE 395.26	628.22	1100039.	6.38	172312.	43860.	8.13	0.0220	0.	70. 0.57
MILE 391.06	625.77	1100047.	7.05	156044.	3733.	11.28	0.0220	0.	59. 0.19
MILE 386.85	624.71	1100048.	5.52	199164.	6409.	11.22	0.0210	0.	66. 0.17
MILE 382.64	623.85	1100049.	4.51	243853.	36960.	11.43	0.0210	0.	61. 0.31
MILE 378.44	622.85	1100056.	4.40	249988.	36533.	9.71	0.0210	0.	66. 0.30
MILE 374.23	622.41	1100067.	3.64	302490.	20342.	11.49	0.0210	0.	64. 0.17
MILE 370.03	622.00	1100069.	3.82	288274.	11565.	12.42	0.0210	0.	72. 0.13
MILE 365.82	621.62	1099961.	3.28	334937.	10123.	12.15	0.0210	0.	68. 0.10
MILE 361.62	621.16	1098933.	3.55	309401.	18601.	11.08	0.0210	0.	76. 0.15
MILE 357.41	620.94	1095107.	2.71	404315.	41230.	9.20	0.0210	0.	84. 0.15
MILE 353.21	620.40	1084319.	5.01	216475.	9551.	14.10	0.0230	0.	83. 0.19
MILE 349.00	619.22	1078559.	5.08	212252.	4561.	14.37	0.0240	0.	85. 0.13

0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

	TIME 2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
	INFLOW DEPTH	FROUDE							
MILE 424.70	646.11	1108333.	8.14	136111.	66902.	10.82	0.0230	0.	70. 1.01
MILE 420.49	643.80	1103950.	3.78	292091.	18059.	8.49	0.0230	0.	65. 0.17
MILE 416.28	640.95	1102033.	4.02	274096.	14966.	6.90	0.0270	0.	62. 0.17
MILE 412.08	638.76	1100983.	7.81	140987.	8256.	11.09	0.0270	0.	62. 0.33
MILE 407.88	635.68	1100474.	5.25	209784.	14826.	7.87	0.0270	0.	59. 0.25
MILE 403.67	633.11	1100310.	3.64	301942.	9043.	5.26	0.0240	0.	60. 0.11
MILE 399.47	631.36	1100085.	4.96	221617.	49830.	8.39	0.0220	0.	67. 0.41
MILE 395.26	628.22	1100059.	6.38	172313.	43860.	8.13	0.0220	0.	70. 0.57
MILE 391.06	625.77	1100058.	7.05	156044.	3733.	11.28	0.0220	0.	59. 0.19
MILE 386.85	624.71	1100069.	5.52	199165.	6409.	11.22	0.0210	0.	66. 0.17
MILE 382.64	623.85	1100088.	4.51	243855.	36960.	11.43	0.0210	0.	61. 0.31
MILE 378.44	622.85	1100034.	4.40	250003.	36534.	9.71	0.0210	0.	66. 0.30
MILE 374.23	622.42	1098173.	3.63	302555.	20344.	11.49	0.0210	0.	64. 0.17
MILE 370.03	622.01	1094605.	3.80	288394.	11567.	12.42	0.0210	0.	72. 0.13
MILE 365.82	621.65	1091869.	3.26	335180.	10125.	12.15	0.0210	0.	68. 0.10

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MILE 361.62	621.21	1085611.	3.50	309827.	18609.	11.09	0.0210	0.	76.	0.15
MILE 357.41	621.00	1077941.	2.66	404892.	41258.	9.20	0.0210	0.	84.	0.15
MILE 353.21	620.47	1063035.	4.90	216791.	9556.	14.11	0.0230	0.	84.	0.18
MILE 349.00	619.35	1056328.	4.97	212741.	4565.	14.39	0.0240	0.	85.	0.13

0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.14	1112500.	8.17	136195.	66938.	10.82	0.0230	0. 70. 1.01
MILE 420.49	643.83	1106585.	3.79	292271.	18063.	8.49	0.0230	0. 65. 0.17
MILE 416.28	640.96	1103917.	4.03	274208.	14968.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.77	1102308.	7.82	141024.	8257.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.68	1101379.	5.25	209818.	14827.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.11	1101044.	3.65	301975.	9043.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.36	1100324.	4.96	221626.	49832.	8.39	0.0220	0. 67. 0.41
MILE 395.26	628.22	1100238.	6.38	172316.	43861.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.78	1100103.	7.05	156052.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.72	1099912.	5.52	199183.	6409.	11.22	0.0210	0. 66. 0.17
MILE 382.64	623.86	1099549.	4.51	243894.	36970.	11.43	0.0210	0. 61. 0.31
MILE 378.44	622.87	1095253.	4.38	250145.	36547.	9.71	0.0210	0. 66. 0.29
MILE 374.23	622.45	1087011.	3.59	302813.	20350.	11.50	0.0210	0. 64. 0.16
MILE 370.03	622.06	1081453.	3.75	288674.	11570.	12.43	0.0210	0. 72. 0.13
MILE 365.82	621.70	1078057.	3.21	335599.	10128.	12.16	0.0210	0. 68. 0.10
MILE 361.62	621.27	1070772.	3.45	310420.	18620.	11.09	0.0210	0. 76. 0.15
MILE 357.41	621.07	1062293.	2.62	405646.	41295.	9.21	0.0210	0. 85. 0.15
MILE 353.21	620.56	1046449.	4.82	217156.	9562.	14.12	0.0230	0. 84. 0.18
MILE 349.00	619.47	1039708.	4.88	213230.	4569.	14.41	0.0240	0. 85. 0.13

0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.17	1116667.	8.19	136301.	66984.	10.82	0.0230	0. 70. 1.01
MILE 420.49	643.85	1109433.	3.79	292504.	18068.	8.50	0.0230	0. 65. 0.17
MILE 416.28	640.98	1106114.	4.03	274363.	14971.	6.90	0.0270	0. 62. 0.17
MILE 412.08	638.79	1104013.	7.83	141076.	8259.	11.09	0.0270	0. 62. 0.33
MILE 407.88	635.69	1102685.	5.25	209872.	14830.	7.87	0.0270	0. 59. 0.25
MILE 403.67	633.12	1102174.	3.65	302035.	9044.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.37	1100762.	4.97	221646.	49835.	8.40	0.0220	0. 67. 0.41
MILE 395.26	628.22	1100487.	6.39	172333.	43862.	8.13	0.0220	0. 70. 0.57
MILE 391.06	625.79	1098642.	7.04	156101.	3733.	11.28	0.0220	0. 59. 0.19
MILE 386.85	624.73	1097945.	5.51	199273.	6410.	11.22	0.0210	0. 66. 0.17

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MILE 382.64	623.88	1096988.	4.50	244039.	37004.	11.43	0.0210	0.	61.	0.31
MILE 378.44	622.90	1088423.	4.35	250437.	36573.	9.71	0.0210	0.	67.	0.29
MILE 374.23	622.49	1076750.	3.55	303187.	20359.	11.50	0.0210	0.	64.	0.16
MILE 370.03	622.11	1069676.	3.70	289032.	11575.	12.44	0.0210	0.	72.	0.13
MILE 365.82	621.76	1065637.	3.17	336096.	10131.	12.17	0.0210	0.	69.	0.10
MILE 361.62	621.34	1057435.	3.40	311078.	18633.	11.09	0.0210	0.	76.	0.15
MILE 357.41	621.14	1048409.	2.58	406460.	41334.	9.21	0.0210	0.	85.	0.14
MILE 353.21	620.65	1032045.	4.74	217536.	9569.	14.14	0.0230	0.	84.	0.18
MILE 349.00	619.60	1025421.	4.80	213719.	4572.	14.43	0.0240	0.	85.	0.12

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.20	1120833.	8.22	136424.	67038.	10.82	0.0230	0.	70.	1.01
MILE 420.49	643.88	1112453.	3.80	292784.	18073.	8.50	0.0230	0.	65.	0.17
MILE 416.28	641.01	1108566.	4.04	274559.	14975.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.81	1106023.	7.84	141144.	8260.	11.10	0.0270	0.	62.	0.33
MILE 407.88	635.71	1104298.	5.26	209947.	14834.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.13	1103577.	3.65	302126.	9044.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.37	1101013.	4.97	221683.	49842.	8.40	0.0220	0.	67.	0.42
MILE 395.26	628.23	1100393.	6.38	172383.	43867.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.81	1096003.	7.02	156206.	3733.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.76	1094911.	5.49	199443.	6410.	11.23	0.0210	0.	66.	0.17
MILE 382.64	623.92	1093585.	4.48	244285.	37063.	11.44	0.0210	0.	61.	0.31
MILE 378.44	622.95	1082766.	4.32	250819.	36607.	9.72	0.0210	0.	67.	0.29
MILE 374.23	622.55	1068880.	3.52	303641.	20369.	11.51	0.0210	0.	64.	0.16
MILE 370.03	622.17	1060497.	3.66	289448.	11580.	12.45	0.0210	0.	72.	0.13
MILE 365.82	621.83	1055852.	3.14	336656.	10135.	12.18	0.0210	0.	69.	0.10
MILE 361.62	621.42	1046782.	3.36	311795.	18646.	11.10	0.0210	0.	76.	0.14
MILE 357.41	621.23	1037030.	2.55	407334.	41377.	9.22	0.0210	0.	85.	0.14
MILE 353.21	620.75	1019563.	4.68	217931.	9576.	14.15	0.0230	0.	84.	0.17
MILE 349.00	619.72	1012800.	4.73	214209.	4576.	14.45	0.0240	0.	85.	0.12

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.24	1125000.	8.24	136564.	67098.	10.83	0.0230	0.	70.	1.02
MILE 420.49	643.92	1115605.	3.81	293105.	18080.	8.50	0.0230	0.	65.	0.17
MILE 416.28	641.04	1111209.	4.04	274790.	14979.	6.90	0.0270	0.	62.	0.17
MILE 412.08	638.83	1108251.	7.85	141227.	8263.	11.10	0.0270	0.	62.	0.33
MILE 407.88	635.73	1106102.	5.27	210043.	14838.	7.87	0.0270	0.	59.	0.25

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MILE 403.67	633.14	1105124.	3.66	302255.	9045.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.38	1100963.	4.96	221745.	49853.	8.40	0.0220	0.	67.	0.41
MILE 395.26	628.24	1099947.	6.38	172476.	43877.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.84	1093343.	6.99	156353.	3734.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.79	1091948.	5.47	199669.	6411.	11.23	0.0210	0.	66.	0.17
MILE 382.64	623.96	1090347.	4.46	244597.	37137.	11.44	0.0210	0.	61.	0.31
MILE 378.44	623.01	1077736.	4.29	251272.	36647.	9.72	0.0210	0.	67.	0.29
MILE 374.23	622.61	1062149.	3.49	304163.	20382.	11.52	0.0210	0.	64.	0.16
MILE 370.03	622.24	1052860.	3.63	289912.	11586.	12.46	0.0210	0.	72.	0.13
MILE 365.82	621.90	1047784.	3.11	337269.	10140.	12.19	0.0210	0.	69.	0.09
MILE 361.62	621.50	1037978.	3.32	312569.	18661.	11.10	0.0210	0.	76.	0.14
MILE 357.41	621.31	1027499.	2.52	408273.	41422.	9.22	0.0210	0.	85.	0.14
MILE 353.21	620.84	1008986.	4.62	218345.	9583.	14.17	0.0230	0.	84.	0.17
MILE 349.00	619.85	1002131.	4.67	214698.	4580.	14.47	0.0240	0.	85.	0.12

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.29	1129167.	8.26	136718.	67165.	10.83	0.0230	0.	70.	1.02
MILE 420.49	643.96	1118849.	3.81	293464.	18088.	8.51	0.0230	0.	65.	0.17
MILE 416.28	641.07	1113983.	4.05	275054.	14984.	6.91	0.0270	0.	62.	0.17
MILE 412.08	638.86	1110622.	7.86	141323.	8265.	11.10	0.0270	0.	62.	0.33
MILE 407.88	635.75	1108022.	5.27	210161.	14844.	7.87	0.0270	0.	59.	0.25
MILE 403.67	633.16	1106762.	3.66	302430.	9046.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.40	1100815.	4.96	221837.	49869.	8.40	0.0220	0.	67.	0.41
MILE 395.26	628.26	1099406.	6.37	172611.	43891.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.87	1090962.	6.97	156533.	3735.	11.28	0.0220	0.	59.	0.19
MILE 386.85	624.84	1089309.	5.45	199938.	6412.	11.23	0.0210	0.	66.	0.17
MILE 382.64	624.01	1087470.	4.44	244962.	37223.	11.45	0.0210	0.	61.	0.30
MILE 378.44	623.07	1073242.	4.26	251782.	36692.	9.73	0.0210	0.	67.	0.29
MILE 374.23	622.68	1056079.	3.47	304741.	20395.	11.53	0.0210	0.	64.	0.16
MILE 370.03	622.32	1046008.	3.60	290418.	11593.	12.47	0.0210	0.	72.	0.13
MILE 365.82	621.98	1040587.	3.08	337929.	10144.	12.21	0.0210	0.	69.	0.09
MILE 361.62	621.59	1030205.	3.29	313391.	18677.	11.11	0.0210	0.	76.	0.14
MILE 357.41	621.41	1019235.	2.49	409264.	41469.	9.23	0.0210	0.	85.	0.14
MILE 353.21	620.95	1000096.	4.57	218771.	9590.	14.19	0.0230	0.	84.	0.17
MILE 349.00	619.97	993194.	4.62	215187.	4583.	14.50	0.0240	0.	85.	0.12

0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	646.34	1133333.	8.28	136884.	67237.	10.83	0.0230	0.	70.	1.02
MILE 420.49	644.01	1122152.	3.82	293857.	18096.	8.51	0.0230	0.	65.	0.17
MILE 416.28	641.11	1116843.	4.06	275350.	14990.	6.91	0.0270	0.	62.	0.17
MILE 412.08	638.89	1113092.	7.87	141433.	8268.	11.10	0.0270	0.	62.	0.34
MILE 407.88	635.77	1110034.	5.28	210304.	14851.	7.88	0.0270	0.	60.	0.25
MILE 403.67	633.18	1108489.	3.66	302654.	9047.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.42	1100730.	4.96	221959.	49891.	8.40	0.0220	0.	67.	0.41
MILE 395.26	628.29	1098941.	6.36	172786.	43908.	8.13	0.0220	0.	70.	0.57
MILE 391.06	625.92	1088843.	6.95	156743.	3736.	11.29	0.0220	0.	59.	0.19
MILE 386.85	624.89	1086956.	5.43	200247.	6413.	11.24	0.0210	0.	66.	0.17
MILE 382.64	624.07	1084901.	4.42	245373.	37321.	11.45	0.0210	0.	61.	0.30
MILE 378.44	623.14	1069208.	4.24	252341.	36742.	9.73	0.0210	0.	67.	0.28
MILE 374.23	622.75	1050701.	3.44	305364.	20410.	11.54	0.0210	0.	64.	0.16
MILE 370.03	622.40	1039967.	3.57	290958.	11600.	12.49	0.0210	0.	72.	0.13
MILE 365.82	622.07	1034260.	3.05	338627.	10149.	12.22	0.0210	0.	69.	0.09
MILE 361.62	621.69	1023423.	3.26	314252.	18693.	11.11	0.0210	0.	76.	0.14
MILE 357.41	621.50	1012083.	2.47	410295.	41519.	9.24	0.0210	0.	85.	0.14
MILE 353.21	621.05	992475.	4.53	219207.	9597.	14.20	0.0230	0.	84.	0.17
MILE 349.00	620.10	985541.	4.57	215678.	4586.	14.52	0.0240	0.	86.	0.12

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TIME 9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	646.39	1137500.	8.30	137063.	67314.	10.83	0.0230	0.	70.	1.02
MILE 420.49	644.06	1125498.	3.82	294284.	18105.	8.52	0.0230	0.	65.	0.17
MILE 416.28	641.15	1119768.	4.06	275676.	14996.	6.91	0.0270	0.	62.	0.17
MILE 412.08	638.93	1115640.	7.88	141556.	8271.	11.11	0.0270	0.	62.	0.34
MILE 407.88	635.80	1112134.	5.28	210471.	14859.	7.88	0.0270	0.	60.	0.25
MILE 403.67	633.21	1110309.	3.67	302927.	9049.	5.26	0.0240	0.	60.	0.11
MILE 399.47	631.45	1100770.	4.96	222113.	49919.	8.40	0.0220	0.	67.	0.41
MILE 395.26	628.32	1098614.	6.35	173001.	43930.	8.13	0.0220	0.	70.	0.56
MILE 391.06	625.96	1086978.	6.92	156982.	3737.	11.29	0.0220	0.	59.	0.19
MILE 386.85	624.95	1084883.	5.41	200591.	6415.	11.24	0.0210	0.	66.	0.17
MILE 382.64	624.13	1082642.	4.40	245824.	37428.	11.46	0.0210	0.	61.	0.30
MILE 378.44	623.21	1065696.	4.21	252942.	36795.	9.74	0.0210	0.	67.	0.28
MILE 374.23	622.83	1046060.	3.42	306027.	20425.	11.55	0.0210	0.	64.	0.16
MILE 370.03	622.48	1034768.	3.55	291527.	11607.	12.50	0.0210	0.	72.	0.12
MILE 365.82	622.16	1028818.	3.03	339356.	10154.	12.24	0.0210	0.	69.	0.09
MILE 361.62	621.78	1017598.	3.23	315144.	18710.	11.12	0.0210	0.	76.	0.14
MILE 357.41	621.60	1005935.	2.45	411360.	41570.	9.25	0.0210	0.	85.	0.14
MILE 353.21	621.16	985897.	4.49	219652.	9605.	14.22	0.0230	0.	84.	0.17
MILE 349.00	620.22	978931.	4.53	216169.	4588.	14.54	0.0240	0.	86.	0.12

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TIME 10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.45	1141667.	8.32	137253.	67396.	10.83	0.0230	0. 70. 1.03
MILE 420.49	644.11	1128881.	3.83	294742.	18114.	8.52	0.0230	0. 65. 0.17
MILE 416.28	641.20	1122748.	4.07	276032.	15003.	6.92	0.0270	0. 62. 0.17
MILE 412.08	638.97	1118258.	7.89	141693.	8275.	11.11	0.0270	0. 62. 0.34
MILE 407.88	635.84	1114319.	5.29	210661.	14868.	7.88	0.0270	0. 60. 0.25
MILE 403.67	633.24	1112223.	3.67	303250.	9051.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.48	1100961.	4.95	222297.	49951.	8.40	0.0220	0. 67. 0.41
MILE 395.26	628.36	1098455.	6.34	173252.	43955.	8.13	0.0220	0. 70. 0.56
MILE 391.06	626.02	1085410.	6.90	157248.	3738.	11.29	0.0220	0. 60. 0.19
MILE 386.85	625.01	1083128.	5.39	200966.	6416.	11.25	0.0210	0. 66. 0.17
MILE 382.64	624.20	1080728.	4.39	246311.	37543.	11.47	0.0210	0. 61. 0.30
MILE 378.44	623.29	1062692.	4.19	253579.	36851.	9.75	0.0210	0. 67. 0.28
MILE 374.23	622.92	1042083.	3.40	306724.	20442.	11.56	0.0210	0. 64. 0.15
MILE 370.03	622.57	1030313.	3.53	292119.	11615.	12.52	0.0210	0. 73. 0.12
MILE 365.82	622.25	1024151.	3.01	340111.	10159.	12.25	0.0210	0. 69. 0.09
MILE 361.62	621.88	1012593.	3.20	316063.	18727.	11.12	0.0210	0. 76. 0.14
MILE 357.41	621.70	1000638.	2.43	412454.	41622.	9.25	0.0210	0. 85. 0.14
MILE 353.21	621.27	980208.	4.45	220105.	9612.	14.24	0.0230	0. 84. 0.16
MILE 349.00	620.35	973217.	4.49	216659.	4590.	14.56	0.0240	0. 86. 0.12

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TIME 11.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.51	1145833.	8.34	137455.	67483.	10.84	0.0230	0. 71. 1.03
MILE 420.49	644.17	1132298.	3.84	295230.	18124.	8.53	0.0230	0. 65. 0.17
MILE 416.28	641.25	1125780.	4.07	276416.	15011.	6.92	0.0270	0. 62. 0.17
MILE 412.08	639.02	1120944.	7.90	141842.	8279.	11.12	0.0270	0. 62. 0.34
MILE 407.88	635.88	1116587.	5.30	210875.	14878.	7.88	0.0270	0. 60. 0.25
MILE 403.67	633.28	1114232.	3.67	303622.	9053.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.51	1101321.	4.95	222511.	49990.	8.40	0.0220	0. 67. 0.41
MILE 395.26	628.41	1098486.	6.33	173538.	43984.	8.13	0.0220	0. 70. 0.56
MILE 391.06	626.08	1084146.	6.88	157537.	3739.	11.30	0.0220	0. 60. 0.19
MILE 386.85	625.07	1081698.	5.37	201367.	6418.	11.26	0.0210	0. 66. 0.17
MILE 382.64	624.27	1079155.	4.37	246831.	37666.	11.48	0.0210	0. 61. 0.30
MILE 378.44	623.37	1060146.	4.17	254249.	36910.	9.76	0.0210	0. 67. 0.28
MILE 374.23	623.00	1038676.	3.38	307451.	20459.	11.57	0.0210	0. 65. 0.15
MILE 370.03	622.66	1026483.	3.51	292733.	11622.	12.53	0.0210	0. 73. 0.12
MILE 365.82	622.35	1020138.	2.99	340890.	10165.	12.27	0.0210	0. 69. 0.09
MILE 361.62	621.98	1008284.	3.18	317007.	18745.	11.13	0.0210	0. 76. 0.14
MILE 357.41	621.81	996076.	2.41	413575.	41676.	9.26	0.0210	0. 85. 0.13
MILE 353.21	621.38	975311.	4.42	220564.	9620.	14.26	0.0230	0. 84. 0.16

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MILE 349.00 620.47 968294. 4.46 217150. 4593. 14.58 0.0240 0. 86. 0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.57	1150000.	8.35	137667.	67574.	10.84	0.0230	0. 71. 1.03
MILE 420.49	644.23	1135746.	3.84	295747.	18135.	8.53	0.0230	0. 65. 0.17
MILE 416.28	641.30	1128861.	4.08	276829.	15019.	6.92	0.0270	0. 62. 0.17
MILE 412.08	639.07	1123694.	7.91	142004.	8283.	11.12	0.0270	0. 62. 0.34
MILE 407.88	635.92	1118939.	5.30	211111.	14889.	7.88	0.0270	0. 60. 0.25
MILE 403.67	633.32	1116338.	3.67	304041.	9055.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.55	1101863.	4.95	222753.	50033.	8.41	0.0220	0. 67. 0.41
MILE 395.26	628.46	1098720.	6.32	173857.	44016.	8.13	0.0220	0. 70. 0.56
MILE 391.06	626.14	1083199.	6.86	157849.	3740.	11.30	0.0220	0. 60. 0.19
MILE 386.85	625.14	1080601.	5.35	201794.	6419.	11.26	0.0210	0. 66. 0.17
MILE 382.64	624.35	1077928.	4.36	247379.	37796.	11.49	0.0210	0. 61. 0.30
MILE 378.44	623.46	1058023.	4.15	254948.	36972.	9.77	0.0210	0. 67. 0.28
MILE 374.23	623.09	1035779.	3.36	308205.	20476.	11.58	0.0210	0. 65. 0.15
MILE 370.03	622.76	1023210.	3.49	293366.	11630.	12.55	0.0210	0. 73. 0.12
MILE 365.82	622.45	1016704.	2.98	341689.	10170.	12.28	0.0210	0. 69. 0.09
MILE 361.62	622.09	1004591.	3.16	317972.	18763.	11.14	0.0210	0. 76. 0.14
MILE 357.41	621.91	992161.	2.39	414718.	41730.	9.27	0.0210	0. 85. 0.13
MILE 353.21	621.49	971103.	4.39	221028.	9628.	14.27	0.0230	0. 85. 0.16
MILE 349.00	620.60	964065.	4.43	217641.	4595.	14.60	0.0240	0. 86. 0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	646.64	1154167.	8.37	137888.	67670.	10.84	0.0230	0. 71. 1.03
MILE 420.49	644.29	1139226.	3.84	296292.	18146.	8.54	0.0230	0. 65. 0.17
MILE 416.28	641.36	1131992.	4.08	277268.	15027.	6.93	0.0270	0. 62. 0.17
MILE 412.08	639.12	1126510.	7.92	142178.	8287.	11.13	0.0270	0. 63. 0.34
MILE 407.88	635.97	1121378.	5.31	211369.	14901.	7.88	0.0270	0. 60. 0.25
MILE 403.67	633.36	1118544.	3.67	304505.	9058.	5.26	0.0240	0. 60. 0.11
MILE 399.47	631.60	1102593.	4.94	223023.	50081.	8.41	0.0220	0. 68. 0.41
MILE 395.26	628.51	1099164.	6.31	174208.	44051.	8.13	0.0220	0. 70. 0.56
MILE 391.06	626.21	1082558.	6.84	158182.	3742.	11.30	0.0220	0. 60. 0.19
MILE 386.85	625.22	1079822.	5.34	202245.	6421.	11.27	0.0210	0. 66. 0.17
MILE 382.64	624.43	1077031.	4.34	247954.	37931.	11.49	0.0210	0. 61. 0.30
MILE 378.44	623.55	1056305.	4.13	255673.	37036.	9.78	0.0210	0. 67. 0.28
MILE 374.23	623.19	1033360.	3.34	308983.	20494.	11.59	0.0210	0. 65. 0.15

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MILE 370.03	622.85	1020451.	3.47	294017.	11639.	12.56	0.0210	0.	73.	0.12
MILE 365.82	622.55	1013800.	2.96	342507.	10176.	12.30	0.0210	0.	69.	0.09
MILE 361.62	622.19	1001456.	3.14	318957.	18781.	11.14	0.0210	0.	77.	0.13
MILE 357.41	622.02	988828.	2.38	415883.	41786.	9.28	0.0210	0.	86.	0.13
MILE 353.21	621.60	967508.	4.37	221498.	9636.	14.29	0.0230	0.	85.	0.16
MILE 349.00	620.72	960453.	4.40	218132.	4597.	14.62	0.0240	0.	86.	0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.70	1158333.	8.39	138120.	67769.	10.85	0.0230	0.	71.	1.04
MILE 420.49	644.35	1142739.	3.85	296864.	18158.	8.55	0.0230	0.	65.	0.17
MILE 416.28	641.42	1135173.	4.09	277734.	15036.	6.93	0.0270	0.	62.	0.17
MILE 412.08	639.18	1129393.	7.93	142363.	8292.	11.13	0.0270	0.	63.	0.34
MILE 407.88	636.02	1123903.	5.31	211648.	14914.	7.89	0.0270	0.	60.	0.25
MILE 403.67	633.41	1120852.	3.67	305014.	9061.	5.27	0.0240	0.	60.	0.11
MILE 399.47	631.65	1103518.	4.94	223319.	50133.	8.41	0.0220	0.	68.	0.41
MILE 395.26	628.57	1099820.	6.30	174589.	44089.	8.13	0.0220	0.	70.	0.56
MILE 391.06	626.28	1082206.	6.83	158534.	3743.	11.31	0.0220	0.	60.	0.18
MILE 386.85	625.30	1079345.	5.32	202718.	6423.	11.28	0.0210	0.	66.	0.17
MILE 382.64	624.51	1076450.	4.33	248553.	38073.	11.50	0.0210	0.	61.	0.30
MILE 378.44	623.64	1054962.	4.11	256423.	37102.	9.78	0.0210	0.	67.	0.28
MILE 374.23	623.28	1031381.	3.33	309783.	20513.	11.60	0.0210	0.	65.	0.15
MILE 370.03	622.95	1018167.	3.46	294682.	11647.	12.58	0.0210	0.	73.	0.12
MILE 365.82	622.65	1011387.	2.95	343341.	10182.	12.31	0.0210	0.	69.	0.09
MILE 361.62	622.30	998834.	3.12	319960.	18800.	11.15	0.0210	0.	77.	0.13
MILE 357.41	622.13	986027.	2.36	417067.	41842.	9.28	0.0210	0.	86.	0.13
MILE 353.21	621.72	964470.	4.35	221972.	9644.	14.31	0.0230	0.	85.	0.16
MILE 349.00	620.85	957399.	4.38	218623.	4599.	14.64	0.0240	0.	86.	0.11

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.77	1162500.	8.40	138360.	67872.	10.85	0.0230	0.	71.	1.04
MILE 420.49	644.42	1146283.	3.85	297462.	18170.	8.55	0.0230	0.	65.	0.17
MILE 416.28	641.48	1138404.	4.09	278224.	15046.	6.94	0.0270	0.	62.	0.17
MILE 412.08	639.24	1132342.	7.94	142559.	8297.	11.14	0.0270	0.	63.	0.34
MILE 407.88	636.07	1126517.	5.32	211947.	14928.	7.89	0.0270	0.	60.	0.25
MILE 403.67	633.47	1123261.	3.68	305565.	9064.	5.27	0.0240	0.	60.	0.11
MILE 399.47	631.70	1104627.	4.94	223641.	50191.	8.41	0.0220	0.	68.	0.41
MILE 395.26	628.63	1100679.	6.29	174999.	44130.	8.13	0.0220	0.	70.	0.56

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MILE 391.06	626.35	1082137.	6.81	158904.	3745.	11.31	0.0220	0.	60.	0.18
MILE 386.85	625.38	1079161.	5.31	203210.	6425.	11.28	0.0210	0.	66.	0.17
MILE 382.64	624.60	1076169.	4.32	249173.	38219.	11.51	0.0210	0.	61.	0.30
MILE 378.44	623.73	1053977.	4.10	257194.	37170.	9.79	0.0210	0.	67.	0.27
MILE 374.23	623.38	1029811.	3.32	310603.	20532.	11.62	0.0210	0.	65.	0.15
MILE 370.03	623.05	1016319.	3.44	295362.	11656.	12.60	0.0210	0.	73.	0.12
MILE 365.82	622.76	1009421.	2.93	344191.	10187.	12.33	0.0210	0.	70.	0.09
MILE 361.62	622.41	996679.	3.11	320980.	18819.	11.15	0.0210	0.	77.	0.13
MILE 357.41	622.24	983711.	2.35	418268.	41899.	9.29	0.0210	0.	86.	0.13
MILE 353.21	621.83	961938.	4.32	222450.	9652.	14.33	0.0230	0.	85.	0.16
MILE 349.00	620.97	954853.	4.36	219115.	4602.	14.66	0.0240	0.	86.	0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.85	1166667.	8.42	138608.	67978.	10.85	0.0230	0.	71.	1.04
MILE 420.49	644.49	1149861.	3.86	298084.	18183.	8.56	0.0230	0.	65.	0.17
MILE 416.28	641.55	1141685.	4.10	278739.	15056.	6.94	0.0270	0.	62.	0.17
MILE 412.08	639.30	1135358.	7.95	142766.	8303.	11.14	0.0270	0.	63.	0.34
MILE 407.88	636.13	1129217.	5.32	212265.	14943.	7.89	0.0270	0.	60.	0.25
MILE 403.67	633.52	1125771.	3.68	306157.	9068.	5.27	0.0240	0.	60.	0.11
MILE 399.47	631.76	1105920.	4.94	223986.	50252.	8.42	0.0220	0.	68.	0.41
MILE 395.26	628.70	1101732.	6.28	175435.	44173.	8.13	0.0220	0.	70.	0.56
MILE 391.06	626.43	1082334.	6.79	159292.	3747.	11.32	0.0220	0.	60.	0.18
MILE 386.85	625.46	1079254.	5.30	203722.	6427.	11.29	0.0210	0.	66.	0.17
MILE 382.64	624.69	1076174.	4.31	249815.	38370.	11.52	0.0210	0.	61.	0.30
MILE 378.44	623.83	1053325.	4.08	257986.	37239.	9.80	0.0210	0.	67.	0.27
MILE 374.23	623.48	1028624.	3.30	311442.	20552.	11.63	0.0210	0.	65.	0.15
MILE 370.03	623.15	1014877.	3.43	296055.	11665.	12.61	0.0210	0.	73.	0.12
MILE 365.82	622.86	1007872.	2.92	345054.	10193.	12.35	0.0210	0.	70.	0.09
MILE 361.62	622.52	994957.	3.09	322015.	18838.	11.16	0.0210	0.	77.	0.13
MILE 357.41	622.35	981840.	2.34	419486.	41956.	9.30	0.0210	0.	86.	0.13
MILE 353.21	621.95	959868.	4.31	222932.	9660.	14.35	0.0230	0.	85.	0.16
MILE 349.00	621.10	952769.	4.34	219606.	4604.	14.68	0.0240	0.	87.	0.11

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	646.92	1170833.	8.43	138865.	68088.	10.86	0.0230	0.	71.	1.04
MILE 420.49	644.57	1153468.	3.86	298728.	18196.	8.57	0.0230	0.	66.	0.17
MILE 416.28	641.62	1145020.	4.10	279276.	15066.	6.95	0.0270	0.	62.	0.17

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MILE 412.08	639.37	1138448.	7.96	142982.	8309.	11.15	0.0270	0.	63.	0.34
MILE 407.88	636.19	1132019.	5.32	212603.	14959.	7.89	0.0270	0.	60.	0.25
MILE 403.67	633.59	1128399.	3.68	306797.	9071.	5.27	0.0240	0.	60.	0.11
MILE 399.47	631.83	1107371.	4.94	224362.	50318.	8.42	0.0220	0.	68.	0.41
MILE 395.26	628.77	1102972.	6.27	175887.	44218.	8.13	0.0220	0.	70.	0.55
MILE 391.06	626.51	1082755.	6.78	159691.	3748.	11.32	0.0220	0.	60.	0.18
MILE 386.85	625.55	1079577.	5.29	204250.	6429.	11.30	0.0210	0.	66.	0.17
MILE 382.64	624.78	1076417.	4.30	250475.	38525.	11.53	0.0210	0.	62.	0.30
MILE 378.44	623.93	1052975.	4.07	258797.	37310.	9.81	0.0210	0.	68.	0.27
MILE 374.23	623.58	1027788.	3.29	312297.	20572.	11.64	0.0210	0.	65.	0.15
MILE 370.03	623.26	1013810.	3.42	296759.	11674.	12.63	0.0210	0.	73.	0.12
MILE 365.82	622.97	1006708.	2.91	345931.	10199.	12.37	0.0210	0.	70.	0.09
MILE 361.62	622.63	993634.	3.08	323064.	18858.	11.17	0.0210	0.	77.	0.13
MILE 357.41	622.47	980378.	2.33	420719.	42015.	9.31	0.0210	0.	86.	0.13
MILE 353.21	622.06	958222.	4.29	223418.	9669.	14.37	0.0230	0.	85.	0.16
MILE 349.00	621.22	951110.	4.32	220097.	4606.	14.70	0.0240	0.	87.	0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	647.00	1175000.	8.45	139133.	68202.	10.86	0.0230	0.	71.	1.04
MILE 420.49	644.64	1157147.	3.87	299384.	18210.	8.57	0.0230	0.	66.	0.17
MILE 416.28	641.69	1148415.	4.10	279833.	15076.	6.95	0.0270	0.	62.	0.17
MILE 412.08	639.44	1141611.	7.97	143209.	8314.	11.16	0.0270	0.	63.	0.34
MILE 407.88	636.26	1134907.	5.33	212962.	14976.	7.90	0.0270	0.	60.	0.25
MILE 403.67	633.65	1131123.	3.68	307481.	9075.	5.27	0.0240	0.	60.	0.11
MILE 399.47	631.89	1109001.	4.93	224763.	50389.	8.42	0.0220	0.	68.	0.41
MILE 395.26	628.84	1104397.	6.26	176358.	44264.	8.13	0.0220	0.	70.	0.55
MILE 391.06	626.60	1083405.	6.77	160102.	3750.	11.33	0.0220	0.	60.	0.18
MILE 386.85	625.64	1080136.	5.27	204791.	6431.	11.31	0.0210	0.	67.	0.16
MILE 382.64	624.87	1076902.	4.29	251150.	38684.	11.55	0.0210	0.	62.	0.30
MILE 378.44	624.03	1052878.	4.06	259625.	37382.	9.82	0.0210	0.	68.	0.27
MILE 374.23	623.69	1027251.	3.28	313168.	20592.	11.65	0.0210	0.	65.	0.15
MILE 370.03	623.37	1013071.	3.41	297474.	11683.	12.65	0.0210	0.	73.	0.12
MILE 365.82	623.08	1005885.	2.90	346818.	10205.	12.38	0.0210	0.	70.	0.09
MILE 361.62	622.74	992672.	3.06	324126.	18877.	11.17	0.0210	0.	77.	0.13
MILE 357.41	622.58	979294.	2.32	421966.	42073.	9.32	0.0210	0.	86.	0.13
MILE 353.21	622.18	956971.	4.27	223906.	9677.	14.39	0.0230	0.	85.	0.16
MILE 349.00	621.35	949848.	4.31	220588.	4608.	14.72	0.0240	0.	87.	0.11

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	647.08	1179167.	8.46	139408.	68319.	10.86	0.0230	0.	71.	1.04
MILE 420.49	644.72	1160828.	3.87	300059.	18224.	8.58	0.0230	0.	66.	0.17
MILE 416.28	641.76	1151860.	4.11	280408.	15088.	6.96	0.0270	0.	63.	0.17
MILE 412.08	639.51	1144840.	7.98	143443.	8321.	11.16	0.0270	0.	63.	0.34
MILE 407.88	636.32	1137870.	5.33	213338.	14993.	7.90	0.0270	0.	60.	0.25
MILE 403.67	633.72	1133930.	3.68	308204.	9079.	5.28	0.0240	0.	60.	0.11
MILE 399.47	631.96	1110788.	4.93	225186.	50464.	8.43	0.0220	0.	68.	0.41
MILE 395.26	628.91	1105994.	6.25	176852.	44313.	8.13	0.0220	0.	70.	0.55
MILE 391.06	626.68	1084294.	6.75	160527.	3752.	11.33	0.0220	0.	60.	0.18
MILE 386.85	625.73	1080942.	5.26	205347.	6433.	11.32	0.0210	0.	67.	0.16
MILE 382.64	624.97	1077639.	4.28	251840.	38845.	11.56	0.0210	0.	62.	0.30
MILE 378.44	624.13	1053065.	4.04	260467.	37456.	9.83	0.0210	0.	68.	0.27
MILE 374.23	623.79	1027011.	3.27	314052.	20612.	11.67	0.0210	0.	65.	0.15
MILE 370.03	623.47	1012634.	3.40	298197.	11692.	12.67	0.0210	0.	73.	0.12
MILE 365.82	623.19	1005367.	2.89	347716.	10212.	12.40	0.0210	0.	70.	0.09
MILE 361.62	622.85	992025.	3.05	325200.	18897.	11.18	0.0210	0.	77.	0.13
MILE 357.41	622.69	978539.	2.31	423226.	42132.	9.33	0.0210	0.	86.	0.13
MILE 353.21	622.30	956074.	4.26	224397.	9685.	14.41	0.0230	0.	85.	0.16
MILE 349.00	621.47	948941.	4.29	221080.	4611.	14.74	0.0240	0.	87.	0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	647.16	1183333.	8.47	139689.	68439.	10.87	0.0230	0.	71.	1.04
MILE 420.49	644.80	1164539.	3.87	300753.	18238.	8.59	0.0230	0.	66.	0.17
MILE 416.28	641.84	1155346.	4.11	281003.	15099.	6.96	0.0270	0.	63.	0.17
MILE 412.08	639.58	1148123.	7.99	143686.	8327.	11.17	0.0270	0.	63.	0.34
MILE 407.88	636.39	1140910.	5.34	213729.	15012.	7.90	0.0270	0.	60.	0.25
MILE 403.67	633.79	1136825.	3.68	308961.	9084.	5.28	0.0240	0.	60.	0.11
MILE 399.47	632.04	1112728.	4.93	225629.	50542.	8.43	0.0220	0.	68.	0.41
MILE 395.26	628.99	1107756.	6.25	177366.	44363.	8.13	0.0220	0.	70.	0.55
MILE 391.06	626.77	1085400.	6.74	160964.	3754.	11.34	0.0220	0.	60.	0.18
MILE 386.85	625.82	1081968.	5.25	205916.	6435.	11.33	0.0210	0.	67.	0.16
MILE 382.64	625.06	1078599.	4.27	252542.	39010.	11.57	0.0210	0.	62.	0.30
MILE 378.44	624.23	1053514.	4.03	261323.	37530.	9.84	0.0210	0.	68.	0.27
MILE 374.23	623.90	1027064.	3.26	314948.	20633.	11.68	0.0210	0.	65.	0.15
MILE 370.03	623.58	1012504.	3.39	298929.	11702.	12.69	0.0210	0.	74.	0.12
MILE 365.82	623.30	1005162.	2.88	348622.	10218.	12.42	0.0210	0.	70.	0.09
MILE 361.62	622.97	991696.	3.04	326284.	18917.	11.19	0.0210	0.	77.	0.13
MILE 357.41	622.81	978102.	2.30	424497.	42192.	9.33	0.0210	0.	86.	0.13
MILE 353.21	622.41	955487.	4.25	224890.	9693.	14.42	0.0230	0.	86.	0.16
MILE 349.00	621.60	948341.	4.28	221571.	4613.	14.76	0.0240	0.	87.	0.11

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Appendix I		Checked	WBB

0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	647.24	1187500.	8.48	139977.	68561.	10.87	0.0230	0. 71. 1.05
MILE 420.49	644.88	1168278.	3.88	301465.	18253.	8.60	0.0230	0. 66. 0.17
MILE 416.28	641.92	1158874.	4.12	281616.	15111.	6.97	0.0270	0. 63. 0.17
MILE 412.08	639.66	1151462.	8.00	143937.	8333.	11.18	0.0270	0. 63. 0.34
MILE 407.88	636.47	1144023.	5.34	214136.	15031.	7.91	0.0270	0. 60. 0.25
MILE 403.67	633.87	1139803.	3.68	309752.	9088.	5.28	0.0240	0. 61. 0.11
MILE 399.47	632.11	1114812.	4.93	226090.	50623.	8.44	0.0220	0. 68. 0.41
MILE 395.26	629.07	1109674.	6.24	177901.	44416.	8.13	0.0220	0. 71. 0.55
MILE 391.06	626.86	1086706.	6.73	161412.	3756.	11.34	0.0220	0. 60. 0.18
MILE 386.85	625.91	1083202.	5.25	206499.	6437.	11.33	0.0210	0. 67. 0.16
MILE 382.64	625.16	1079775.	4.26	253256.	39179.	11.58	0.0210	0. 62. 0.30
MILE 378.44	624.34	1054201.	4.02	262193.	37606.	9.85	0.0210	0. 68. 0.27
MILE 374.23	624.00	1027384.	3.25	315857.	20654.	11.70	0.0210	0. 66. 0.15
MILE 370.03	623.69	1012654.	3.38	299669.	11711.	12.70	0.0210	0. 74. 0.12
MILE 365.82	623.41	1005241.	2.88	349537.	10224.	12.44	0.0210	0. 70. 0.09
MILE 361.62	623.08	991656.	3.03	327379.	18937.	11.19	0.0210	0. 77. 0.13
MILE 357.41	622.93	977957.	2.30	425779.	42252.	9.34	0.0210	0. 86. 0.13
MILE 353.21	622.53	955194.	4.24	225386.	9702.	14.44	0.0230	0. 86. 0.15
MILE 349.00	621.72	948034.	4.27	222063.	4615.	14.78	0.0240	0. 87. 0.11

0DATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	647.33	1191667.	8.50	140270.	68685.	10.88	0.0230	0. 71. 1.05
MILE 420.49	644.96	1172043.	3.88	302193.	18267.	8.61	0.0230	0. 66. 0.17
MILE 416.28	642.00	1162447.	4.12	282246.	15123.	6.98	0.0270	0. 63. 0.17
MILE 412.08	639.73	1154864.	8.01	144195.	8340.	11.18	0.0270	0. 63. 0.34
MILE 407.88	636.54	1147203.	5.35	214561.	15050.	7.91	0.0270	0. 60. 0.25
MILE 403.67	633.95	1142860.	3.68	310568.	9093.	5.28	0.0240	0. 61. 0.11
MILE 399.47	632.19	1117025.	4.93	226568.	50707.	8.44	0.0220	0. 68. 0.41
MILE 395.26	629.15	1111740.	6.23	178455.	44469.	8.13	0.0220	0. 71. 0.55
MILE 391.06	626.95	1088206.	6.72	161873.	3758.	11.35	0.0220	0. 60. 0.18
MILE 386.85	626.01	1084637.	5.24	207094.	6440.	11.34	0.0210	0. 67. 0.16
MILE 382.64	625.26	1081155.	4.26	253984.	39349.	11.59	0.0210	0. 62. 0.30
MILE 378.44	624.44	1055114.	4.01	263076.	37683.	9.86	0.0210	0. 68. 0.27
MILE 374.23	624.11	1027945.	3.25	316777.	20675.	11.71	0.0210	0. 66. 0.15
MILE 370.03	623.80	1013052.	3.37	300417.	11721.	12.72	0.0210	0. 74. 0.12
MILE 365.82	623.53	1005573.	2.87	350461.	10231.	12.46	0.0210	0. 70. 0.09

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MILE 361.62	623.20	991877.	3.02	328484.	18958.	11.20	0.0210	0.	78.	0.13
MILE 357.41	623.04	978080.	2.29	427072.	42312.	9.35	0.0210	0.	87.	0.13
MILE 353.21	622.65	955181.	4.23	225884.	9710.	14.46	0.0230	0.	86.	0.15
MILE 349.00	621.85	948008.	4.26	222554.	4617.	14.80	0.0240	0.	87.	0.11

ODATE 11-10-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	647.42	1195833.	8.51	140568.	68812.	10.88	0.0230	0. 71. 1.05
MILE 420.49	645.05	1175810.	3.88	302915.	18283.	8.61	0.0230	0. 66. 0.17
MILE 416.28	642.08	1166064.	4.12	282896.	15135.	6.98	0.0270	0. 63. 0.17
MILE 412.08	639.82	1158328.	8.02	144463.	8347.	11.19	0.0270	0. 63. 0.34
MILE 407.88	636.62	1150463.	5.35	215004.	15071.	7.92	0.0270	0. 60. 0.25
MILE 403.67	634.03	1145998.	3.68	311412.	9097.	5.29	0.0240	0. 61. 0.11
MILE 399.47	632.27	1119374.	4.93	227060.	50793.	8.45	0.0220	0. 68. 0.41
MILE 395.26	629.24	1113940.	6.22	179026.	44525.	8.13	0.0220	0. 71. 0.55
MILE 391.06	627.04	1089884.	6.71	162343.	3760.	11.36	0.0220	0. 61. 0.18
MILE 386.85	626.11	1086252.	5.23	207701.	6442.	11.35	0.0210	0. 67. 0.16
MILE 382.64	625.37	1082721.	4.25	254724.	39523.	11.60	0.0210	0. 62. 0.30
MILE 378.44	624.55	1056231.	4.00	263972.	37760.	9.88	0.0210	0. 68. 0.27
MILE 374.23	624.22	1028731.	3.24	317707.	20697.	11.72	0.0210	0. 66. 0.15
MILE 370.03	623.91	1013687.	3.37	301172.	11730.	12.74	0.0210	0. 74. 0.12
MILE 365.82	623.64	1006147.	2.86	351392.	10237.	12.47	0.0210	0. 70. 0.09
MILE 361.62	623.31	992347.	3.01	329599.	18978.	11.21	0.0210	0. 78. 0.13
MILE 357.41	623.16	978460.	2.28	428376.	42373.	9.36	0.0210	0. 87. 0.13
MILE 353.21	622.77	955435.	4.22	226384.	9719.	14.48	0.0230	0. 86. 0.15
MILE 349.00	621.97	948253.	4.25	223046.	4620.	14.82	0.0240	0. 87. 0.11

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	647.50	1200000.	8.52	140871.	68940.	10.88	0.0230	0. 72. 1.05
MILE 420.49	645.13	1179637.	3.89	303634.	18298.	8.62	0.0230	0. 66. 0.17
MILE 416.28	642.16	1169718.	4.13	283564.	15148.	6.99	0.0270	0. 63. 0.17
MILE 412.08	639.90	1161827.	8.03	144737.	8354.	11.20	0.0270	0. 63. 0.34
MILE 407.88	636.70	1153785.	5.35	215460.	15092.	7.92	0.0270	0. 60. 0.25
MILE 403.67	634.11	1149212.	3.68	312283.	9102.	5.29	0.0240	0. 61. 0.11
MILE 399.47	632.36	1121852.	4.93	227566.	50881.	8.45	0.0220	0. 68. 0.41
MILE 395.26	629.33	1116284.	6.21	179613.	44582.	8.13	0.0220	0. 71. 0.55
MILE 391.06	627.14	1091722.	6.70	162823.	3762.	11.36	0.0220	0. 61. 0.18
MILE 386.85	626.21	1088032.	5.22	208318.	6444.	11.36	0.0210	0. 67. 0.16

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MILE 382.64	625.47	1084454.	4.24	255475.	39699.	11.61	0.0210	0.	62.	0.29
MILE 378.44	624.66	1057538.	3.99	264879.	37839.	9.89	0.0210	0.	68.	0.27
MILE 374.23	624.33	1029728.	3.23	318648.	20719.	11.74	0.0210	0.	66.	0.15
MILE 370.03	624.03	1014545.	3.36	301933.	11740.	12.76	0.0210	0.	74.	0.12
MILE 365.82	623.76	1006949.	2.86	352330.	10243.	12.49	0.0210	0.	71.	0.09
MILE 361.62	623.43	993055.	3.00	330723.	18999.	11.21	0.0210	0.	78.	0.13
MILE 357.41	623.28	979084.	2.28	429689.	42434.	9.37	0.0210	0.	87.	0.13
MILE 353.21	622.89	955942.	4.21	226886.	9727.	14.50	0.0230	0.	86.	0.15
MILE 349.00	622.10	948750.	4.24	223538.	4622.	14.84	0.0240	0.	88.	0.11

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	647.58	1200000.	8.50	141151.	69058.	10.89	0.0230	0.	72.	1.05
MILE 420.49	645.22	1181865.	3.88	304327.	18313.	8.63	0.0230	0.	66.	0.17
MILE 416.28	642.25	1172844.	4.13	284233.	15160.	6.99	0.0270	0.	63.	0.17
MILE 412.08	639.98	1165248.	8.04	145016.	8361.	11.21	0.0270	0.	63.	0.34
MILE 407.88	636.79	1157136.	5.36	215928.	15114.	7.92	0.0270	0.	61.	0.25
MILE 403.67	634.19	1152483.	3.68	313180.	9107.	5.29	0.0240	0.	61.	0.11
MILE 399.47	632.44	1124444.	4.93	228086.	50972.	8.46	0.0220	0.	68.	0.41
MILE 395.26	629.42	1118752.	6.21	180216.	44640.	8.13	0.0220	0.	71.	0.54
MILE 391.06	627.24	1093719.	6.70	163312.	3764.	11.37	0.0220	0.	61.	0.18
MILE 386.85	626.31	1089976.	5.22	208946.	6447.	11.37	0.0210	0.	67.	0.16
MILE 382.64	625.58	1086354.	4.24	256236.	39877.	11.62	0.0210	0.	62.	0.29
MILE 378.44	624.77	1059028.	3.98	265796.	37918.	9.90	0.0210	0.	68.	0.27
MILE 374.23	624.45	1030924.	3.23	319598.	20740.	11.75	0.0210	0.	66.	0.14
MILE 370.03	624.14	1015633.	3.36	302698.	11750.	12.78	0.0210	0.	74.	0.12
MILE 365.82	623.87	1008184.	2.85	353259.	10250.	12.51	0.0210	0.	71.	0.09
MILE 361.62	623.54	995702.	3.00	331788.	19018.	11.22	0.0210	0.	78.	0.13
MILE 357.41	623.38	986470.	2.29	430817.	42486.	9.38	0.0210	0.	87.	0.13
MILE 353.21	622.96	975707.	4.29	227185.	9732.	14.51	0.0230	0.	86.	0.16
MILE 349.00	622.10	974577.	4.36	223538.	4622.	14.84	0.0240	0.	88.	0.11

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	647.66	1200000.	8.49	141404.	69164.	10.89	0.0230	0.	72.	1.05
MILE 420.49	645.29	1183394.	3.88	304962.	18327.	8.64	0.0230	0.	66.	0.17
MILE 416.28	642.33	1175068.	4.13	284865.	15172.	7.00	0.0270	0.	63.	0.17
MILE 412.08	640.06	1167948.	8.04	145272.	8367.	11.22	0.0270	0.	63.	0.34
MILE 407.88	636.87	1160118.	5.36	216393.	15135.	7.93	0.0270	0.	61.	0.25

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MILE 403.67	634.28	1155525.	3.68	314092.	9112.	5.29	0.0240	0.	61.	0.11
MILE 399.47	632.53	1127093.	4.93	228618.	51064.	8.46	0.0220	0.	68.	0.41
MILE 395.26	629.51	1121316.	6.20	180834.	44699.	8.13	0.0220	0.	71.	0.54
MILE 391.06	627.34	1095853.	6.69	163810.	3766.	11.38	0.0220	0.	61.	0.18
MILE 386.85	626.41	1092048.	5.21	209583.	6449.	11.38	0.0210	0.	67.	0.16
MILE 382.64	625.68	1088368.	4.23	257005.	40057.	11.63	0.0210	0.	62.	0.29
MILE 378.44	624.88	1060857.	3.98	266701.	37996.	9.91	0.0210	0.	68.	0.26
MILE 374.23	624.55	1035566.	3.23	320460.	20760.	11.76	0.0210	0.	66.	0.14
MILE 370.03	624.23	1024994.	3.38	303309.	11758.	12.79	0.0210	0.	74.	0.12
MILE 365.82	623.95	1020620.	2.88	353901.	10254.	12.52	0.0210	0.	71.	0.09
MILE 361.62	623.61	1013982.	3.05	332397.	19029.	11.23	0.0210	0.	78.	0.13
MILE 357.41	623.44	1008886.	2.34	431447.	42515.	9.38	0.0210	0.	87.	0.13
MILE 353.21	623.00	1002297.	4.41	227343.	9735.	14.52	0.0230	0.	86.	0.16
MILE 349.00	622.10	1002141.	4.48	223538.	4622.	14.84	0.0240	0.	88.	0.11

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	647.72	1200000.	8.47	141635.	69261.	10.90	0.0230	0.	72.	1.04
MILE 420.49	645.36	1184628.	3.88	305550.	18339.	8.65	0.0230	0.	66.	0.17
MILE 416.28	642.40	1176905.	4.12	285460.	15183.	7.01	0.0270	0.	63.	0.17
MILE 412.08	640.14	1170219.	8.04	145515.	8372.	11.22	0.0270	0.	64.	0.34
MILE 407.88	636.95	1162659.	5.36	216849.	15156.	7.93	0.0270	0.	61.	0.25
MILE 403.67	634.36	1158148.	3.68	315005.	9117.	5.30	0.0240	0.	61.	0.11
MILE 399.47	632.62	1129631.	4.93	229155.	51157.	8.47	0.0220	0.	69.	0.41
MILE 395.26	629.60	1123804.	6.19	181462.	44759.	8.13	0.0220	0.	71.	0.54
MILE 391.06	627.43	1098172.	6.68	164303.	3768.	11.38	0.0220	0.	61.	0.18
MILE 386.85	626.51	1094661.	5.21	210199.	6451.	11.39	0.0210	0.	67.	0.16
MILE 382.64	625.78	1091540.	4.24	257725.	40225.	11.64	0.0210	0.	63.	0.29
MILE 378.44	624.96	1070416.	4.00	267426.	38058.	9.92	0.0210	0.	69.	0.27
MILE 374.23	624.62	1052440.	3.28	321090.	20775.	11.77	0.0210	0.	66.	0.15
MILE 370.03	624.30	1043849.	3.44	303744.	11763.	12.80	0.0210	0.	74.	0.12
MILE 365.82	624.01	1040004.	2.93	354363.	10257.	12.53	0.0210	0.	71.	0.09
MILE 361.62	623.65	1033979.	3.11	332842.	19037.	11.23	0.0210	0.	78.	0.13
MILE 357.41	623.48	1029063.	2.38	431915.	42537.	9.38	0.0210	0.	87.	0.13
MILE 353.21	623.03	1022456.	4.50	227459.	9737.	14.52	0.0230	0.	86.	0.16
MILE 349.00	622.10	1022230.	4.57	223538.	4622.	14.84	0.0240	0.	88.	0.12

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 549 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 424.70	647.78	1200000.	8.46	141848.	69351.	10.90	0.0230	0.	72.	1.04
MILE 420.49	645.43	1185655.	3.87	306103.	18351.	8.65	0.0230	0.	66.	0.17
MILE 416.28	642.47	1178454.	4.12	286020.	15194.	7.01	0.0270	0.	63.	0.17
MILE 412.08	640.21	1172135.	8.04	145745.	8377.	11.23	0.0270	0.	64.	0.34
MILE 407.88	637.03	1164835.	5.36	217293.	15176.	7.94	0.0270	0.	61.	0.25
MILE 403.67	634.45	1160420.	3.67	315911.	9122.	5.30	0.0240	0.	61.	0.11
MILE 399.47	632.71	1132092.	4.93	229691.	51250.	8.47	0.0220	0.	69.	0.41
MILE 395.26	629.69	1126423.	6.19	182084.	44818.	8.13	0.0220	0.	71.	0.54
MILE 391.06	627.52	1103115.	6.70	164739.	3770.	11.39	0.0220	0.	61.	0.18
MILE 386.85	626.60	1100206.	5.22	210718.	6453.	11.40	0.0210	0.	67.	0.16
MILE 382.64	625.86	1097747.	4.25	258303.	40359.	11.65	0.0210	0.	63.	0.30
MILE 378.44	625.03	1081389.	4.04	267977.	38106.	9.92	0.0210	0.	69.	0.27
MILE 374.23	624.68	1067164.	3.32	321601.	20787.	11.78	0.0210	0.	66.	0.15
MILE 370.03	624.35	1059760.	3.48	304110.	11768.	12.81	0.0210	0.	74.	0.12
MILE 365.82	624.06	1056424.	2.98	354769.	10260.	12.54	0.0210	0.	71.	0.09
MILE 361.62	623.70	1051105.	3.15	333256.	19045.	11.23	0.0210	0.	78.	0.13
MILE 357.41	623.52	1046521.	2.42	432360.	42557.	9.39	0.0210	0.	87.	0.13
MILE 353.21	623.06	1040204.	4.57	227571.	9739.	14.53	0.0230	0.	86.	0.17
MILE 349.00	622.10	1039768.	4.65	223538.	4622.	14.84	0.0240	0.	88.	0.12

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	647.84	1200000.	8.45	142046.	69434.	10.90	0.0230	0.	72.	1.04
MILE 420.49	645.49	1186522.	3.87	306622.	18362.	8.66	0.0230	0.	66.	0.17
MILE 416.28	642.54	1179749.	4.12	286545.	15204.	7.02	0.0270	0.	63.	0.17
MILE 412.08	640.28	1173764.	8.04	145964.	8382.	11.24	0.0270	0.	64.	0.34
MILE 407.88	637.10	1166737.	5.36	217722.	15196.	7.94	0.0270	0.	61.	0.25
MILE 403.67	634.53	1162479.	3.67	316799.	9127.	5.30	0.0240	0.	61.	0.11
MILE 399.47	632.79	1135099.	4.93	230215.	51341.	8.48	0.0220	0.	69.	0.41
MILE 395.26	629.77	1129803.	6.19	182667.	44873.	8.13	0.0220	0.	71.	0.54
MILE 391.06	627.59	1109534.	6.72	165109.	3771.	11.39	0.0220	0.	61.	0.18
MILE 386.85	626.67	1107026.	5.24	211147.	6455.	11.40	0.0210	0.	68.	0.16
MILE 382.64	625.93	1104897.	4.27	258775.	40469.	11.66	0.0210	0.	63.	0.30
MILE 378.44	625.09	1090345.	4.06	268438.	38147.	9.93	0.0210	0.	69.	0.27
MILE 374.23	624.73	1077751.	3.35	322045.	20797.	11.79	0.0210	0.	66.	0.15
MILE 370.03	624.40	1071476.	3.52	304429.	11772.	12.82	0.0210	0.	74.	0.12
MILE 365.82	624.10	1068767.	3.01	355121.	10263.	12.55	0.0210	0.	71.	0.09
MILE 361.62	623.73	1064441.	3.19	333618.	19051.	11.23	0.0210	0.	78.	0.13
MILE 357.41	623.55	1060634.	2.45	432751.	42576.	9.39	0.0210	0.	87.	0.14
MILE 353.21	623.08	1055517.	4.64	227669.	9740.	14.53	0.0230	0.	86.	0.17
MILE 349.00	622.10	1055238.	4.72	223538.	4622.	14.84	0.0240	0.	88.	0.12

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	647.90	1200000.	8.44	142232.	69512.	10.90	0.0230	0. 72. 1.04
MILE	420.49	645.55	1187284.	3.87	307112.	18373.	8.66	0.0230	0. 67. 0.17
MILE	416.28	642.60	1180893.	4.11	287043.	15213.	7.02	0.0270	0. 63. 0.17
MILE	412.08	640.35	1175222.	8.04	146172.	8386.	11.24	0.0270	0. 64. 0.34
MILE	407.88	637.18	1168535.	5.36	218134.	15215.	7.94	0.0270	0. 61. 0.25
MILE	403.67	634.61	1164503.	3.67	317658.	9132.	5.31	0.0240	0. 61. 0.11
MILE	399.47	632.88	1138674.	4.94	230716.	51427.	8.48	0.0220	0. 69. 0.41
MILE	395.26	629.85	1133769.	6.19	183205.	44924.	8.13	0.0220	0. 71. 0.54
MILE	391.06	627.66	1115648.	6.74	165444.	3773.	11.40	0.0220	0. 61. 0.18
MILE	386.85	626.73	1113403.	5.26	211531.	6456.	11.41	0.0210	0. 68. 0.16
MILE	382.64	625.98	1111496.	4.29	259195.	40567.	11.66	0.0210	0. 63. 0.30
MILE	378.44	625.14	1098400.	4.09	268843.	38183.	9.93	0.0210	0. 69. 0.27
MILE	374.23	624.78	1087082.	3.37	322432.	20806.	11.79	0.0210	0. 66. 0.15
MILE	370.03	624.44	1081562.	3.55	304705.	11776.	12.83	0.0210	0. 74. 0.12
MILE	365.82	624.14	1079184.	3.04	355424.	10265.	12.55	0.0210	0. 71. 0.09
MILE	361.62	623.77	1075429.	3.22	333926.	19057.	11.23	0.0210	0. 78. 0.14
MILE	357.41	623.58	1072254.	2.48	433080.	42591.	9.39	0.0210	0. 87. 0.14
MILE	353.21	623.10	1068215.	4.69	227752.	9742.	14.53	0.0230	0. 86. 0.17
MILE	349.00	622.10	1068067.	4.78	223538.	4622.	14.84	0.0240	0. 88. 0.12

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME	7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	647.95	1200000.	8.43	142408.	69585.	10.91	0.0230	0. 72. 1.04
MILE	420.49	645.61	1187983.	3.86	307576.	18383.	8.67	0.0230	0. 67. 0.17
MILE	416.28	642.66	1181950.	4.11	287517.	15222.	7.02	0.0270	0. 63. 0.17
MILE	412.08	640.41	1176597.	8.04	146370.	8390.	11.25	0.0270	0. 64. 0.34
MILE	407.88	637.25	1170295.	5.36	218527.	15233.	7.95	0.0270	0. 61. 0.25
MILE	403.67	634.68	1166516.	3.66	318474.	9136.	5.31	0.0240	0. 61. 0.11
MILE	399.47	632.95	1142386.	4.94	231188.	51508.	8.49	0.0220	0. 69. 0.41
MILE	395.26	629.92	1137839.	6.19	183703.	44971.	8.13	0.0220	0. 71. 0.54
MILE	391.06	627.72	1121279.	6.76	165752.	3774.	11.40	0.0220	0. 61. 0.18
MILE	386.85	626.78	1119241.	5.28	211881.	6458.	11.41	0.0210	0. 68. 0.16
MILE	382.64	626.04	1117524.	4.31	259576.	40655.	11.67	0.0210	0. 63. 0.30
MILE	378.44	625.18	1105817.	4.11	269205.	38215.	9.94	0.0210	0. 69. 0.27
MILE	374.23	624.82	1095790.	3.39	322775.	20814.	11.80	0.0210	0. 66. 0.15
MILE	370.03	624.47	1090917.	3.58	304949.	11779.	12.83	0.0210	0. 74. 0.12
MILE	365.82	624.17	1088800.	3.06	355691.	10266.	12.56	0.0210	0. 71. 0.09
MILE	361.62	623.79	1085468.	3.25	334194.	19062.	11.24	0.0210	0. 78. 0.14
MILE	357.41	623.61	1082646.	2.50	433366.	42604.	9.39	0.0210	0. 87. 0.14
MILE	353.21	623.12	1079021.	4.74	227824.	9743.	14.54	0.0230	0. 86. 0.17

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MILE 349.00 622.10 1078844. 4.83 223538. 4622. 14.84 0.0240 0. 88. 0.12

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	647.99	1200000.	8.42	142573.	69654.	10.91	0.0230	0. 72. 1.04
MILE 420.49	645.66	1188651.	3.86	308015.	18392.	8.67	0.0230	0. 67. 0.17
MILE 416.28	642.72	1182963.	4.11	287966.	15230.	7.03	0.0270	0. 64. 0.17
MILE 412.08	640.47	1177925.	8.04	146557.	8394.	11.26	0.0270	0. 64. 0.34
MILE 407.88	637.31	1172015.	5.35	218898.	15249.	7.95	0.0270	0. 61. 0.25
MILE 403.67	634.75	1168487.	3.66	319245.	9140.	5.31	0.0240	0. 61. 0.11
MILE 399.47	633.02	1146002.	4.95	231631.	51584.	8.49	0.0220	0. 69. 0.41
MILE 395.26	629.99	1141788.	6.20	184167.	45015.	8.13	0.0220	0. 71. 0.54
MILE 391.06	627.77	1126605.	6.79	166035.	3775.	11.40	0.0220	0. 61. 0.18
MILE 386.85	626.83	1124760.	5.30	212202.	6459.	11.42	0.0210	0. 68. 0.16
MILE 382.64	626.08	1123217.	4.32	259922.	40736.	11.67	0.0210	0. 63. 0.30
MILE 378.44	625.22	1112715.	4.13	269534.	38243.	9.94	0.0210	0. 69. 0.27
MILE 374.23	624.86	1103731.	3.42	323084.	20821.	11.80	0.0210	0. 66. 0.15
MILE 370.03	624.51	1099340.	3.60	305169.	11781.	12.84	0.0210	0. 75. 0.12
MILE 365.82	624.20	1097429.	3.08	355932.	10268.	12.56	0.0210	0. 71. 0.09
MILE 361.62	623.82	1094408.	3.27	334436.	19066.	11.24	0.0210	0. 78. 0.14
MILE 357.41	623.63	1091833.	2.52	433623.	42616.	9.40	0.0210	0. 87. 0.14
MILE 353.21	623.13	1088509.	4.78	227889.	9744.	14.54	0.0230	0. 86. 0.17
MILE 349.00	622.10	1088338.	4.87	223538.	4622.	14.84	0.0240	0. 88. 0.12

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.04	1200000.	8.41	142729.	69719.	10.91	0.0230	0. 72. 1.04
MILE 420.49	645.71	1189299.	3.86	308430.	18401.	8.68	0.0230	0. 67. 0.17
MILE 416.28	642.77	1183945.	4.11	288391.	15238.	7.03	0.0270	0. 64. 0.17
MILE 412.08	640.53	1179212.	8.04	146734.	8398.	11.26	0.0270	0. 64. 0.34
MILE 407.88	637.37	1173674.	5.35	219248.	15265.	7.95	0.0270	0. 61. 0.25
MILE 403.67	634.82	1170367.	3.66	319970.	9144.	5.31	0.0240	0. 62. 0.11
MILE 399.47	633.09	1149244.	4.95	232046.	51656.	8.49	0.0220	0. 69. 0.41
MILE 395.26	630.05	1145276.	6.21	184538.	45055.	8.13	0.0220	0. 72. 0.54
MILE 391.06	627.83	1131615.	6.80	166296.	3776.	11.41	0.0220	0. 61. 0.18
MILE 386.85	626.88	1129951.	5.32	212496.	6460.	11.42	0.0210	0. 68. 0.16
MILE 382.64	626.13	1128555.	4.34	260238.	40809.	11.68	0.0210	0. 63. 0.30
MILE 378.44	625.26	1119009.	4.15	269833.	38270.	9.94	0.0210	0. 69. 0.28
MILE 374.23	624.89	1110819.	3.44	323368.	20827.	11.81	0.0210	0. 66. 0.15

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MILE 370.03	624.54	1106821.	3.62	305370.	11784.	12.84	0.0210	0.	75.	0.13
MILE 365.82	624.23	1105091.	3.10	356151.	10270.	12.57	0.0210	0.	71.	0.09
MILE 361.62	623.84	1102358.	3.29	334657.	19070.	11.24	0.0210	0.	78.	0.14
MILE 357.41	623.65	1100018.	2.54	433859.	42627.	9.40	0.0210	0.	87.	0.14
MILE 353.21	623.15	1097004.	4.81	227948.	9745.	14.54	0.0230	0.	86.	0.18
MILE 349.00	622.10	1096859.	4.91	223538.	4622.	14.84	0.0240	0.	88.	0.12

0DATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.08	1200000.	8.40	142876.	69781.	10.91	0.0230	0.	72.	1.03
MILE 420.49	645.75	1189922.	3.85	308820.	18409.	8.68	0.0230	0.	67.	0.17
MILE 416.28	642.82	1184884.	4.10	288792.	15246.	7.04	0.0270	0.	64.	0.17
MILE 412.08	640.58	1180434.	8.04	146900.	8401.	11.27	0.0270	0.	64.	0.34
MILE 407.88	637.43	1175233.	5.35	219577.	15280.	7.95	0.0270	0.	61.	0.25
MILE 403.67	634.88	1172136.	3.66	320652.	9148.	5.32	0.0240	0.	62.	0.11
MILE 399.47	633.15	1152391.	4.96	232435.	51722.	8.50	0.0220	0.	69.	0.41
MILE 395.26	630.11	1148699.	6.21	184874.	45093.	8.13	0.0220	0.	72.	0.54
MILE 391.06	627.87	1136214.	6.82	166539.	3777.	11.41	0.0220	0.	61.	0.18
MILE 386.85	626.93	1134693.	5.33	212767.	6461.	11.43	0.0210	0.	68.	0.16
MILE 382.64	626.17	1133420.	4.35	260528.	40877.	11.68	0.0210	0.	63.	0.30
MILE 378.44	625.29	1124707.	4.16	270108.	38294.	9.95	0.0210	0.	69.	0.28
MILE 374.23	624.92	1117238.	3.45	323628.	20833.	11.81	0.0210	0.	66.	0.15
MILE 370.03	624.56	1113589.	3.64	305555.	11786.	12.85	0.0210	0.	75.	0.13
MILE 365.82	624.25	1112012.	3.12	356354.	10271.	12.57	0.0210	0.	71.	0.09
MILE 361.62	623.86	1109524.	3.31	334861.	19074.	11.24	0.0210	0.	78.	0.14
MILE 357.41	623.67	1107399.	2.55	434075.	42637.	9.40	0.0210	0.	87.	0.14
MILE 353.21	623.16	1104682.	4.85	228003.	9746.	14.54	0.0230	0.	86.	0.18
MILE 349.00	622.10	1104564.	4.94	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.12	1200000.	8.39	143014.	69838.	10.91	0.0230	0.	72.	1.03
MILE 420.49	645.80	1190514.	3.85	309188.	18417.	8.69	0.0230	0.	67.	0.17
MILE 416.28	642.87	1185776.	4.10	289169.	15253.	7.04	0.0270	0.	64.	0.17
MILE 412.08	640.63	1181597.	8.03	147057.	8405.	11.27	0.0270	0.	64.	0.34
MILE 407.88	637.48	1176726.	5.35	219886.	15294.	7.96	0.0270	0.	61.	0.25
MILE 403.67	634.93	1173835.	3.65	321292.	9151.	5.32	0.0240	0.	62.	0.11
MILE 399.47	633.21	1155437.	4.96	232799.	51784.	8.50	0.0220	0.	69.	0.41
MILE 395.26	630.17	1152007.	6.22	185188.	45128.	8.13	0.0220	0.	72.	0.54

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 391.06	627.92	1140482.	6.84	166765.	3778.	11.41	0.0220	0.	61.	0.18
MILE 386.85	626.97	1139083.	5.35	213020.	6462.	11.43	0.0210	0.	68.	0.16
MILE 382.64	626.20	1137915.	4.36	260798.	40939.	11.68	0.0210	0.	63.	0.30
MILE 378.44	625.32	1129926.	4.18	270363.	38316.	9.95	0.0210	0.	69.	0.28
MILE 374.23	624.95	1123097.	3.47	323869.	20839.	11.81	0.0210	0.	66.	0.16
MILE 370.03	624.59	1119765.	3.66	305726.	11789.	12.85	0.0210	0.	75.	0.13
MILE 365.82	624.27	1118327.	3.14	356540.	10272.	12.57	0.0210	0.	71.	0.09
MILE 361.62	623.88	1116065.	3.33	335049.	19077.	11.24	0.0210	0.	78.	0.14
MILE 357.41	623.69	1114132.	2.57	434274.	42646.	9.40	0.0210	0.	87.	0.14
MILE 353.21	623.17	1111668.	4.87	228053.	9747.	14.55	0.0230	0.	86.	0.18
MILE 349.00	622.10	1111568.	4.97	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.16	1200000.	8.38	143144.	69893.	10.92	0.0230	0.	72.	1.03
MILE 420.49	645.84	1191080.	3.85	309534.	18425.	8.69	0.0230	0.	67.	0.17
MILE 416.28	642.91	1186629.	4.10	289524.	15259.	7.04	0.0270	0.	64.	0.17
MILE 412.08	640.67	1182711.	8.03	147203.	8408.	11.28	0.0270	0.	64.	0.34
MILE 407.88	637.53	1178157.	5.35	220175.	15307.	7.96	0.0270	0.	61.	0.25
MILE 403.67	634.99	1175461.	3.65	321893.	9154.	5.32	0.0240	0.	62.	0.11
MILE 399.47	633.27	1158329.	4.97	233139.	51842.	8.50	0.0220	0.	69.	0.41
MILE 395.26	630.22	1155143.	6.23	185482.	45160.	8.13	0.0220	0.	72.	0.54
MILE 391.06	627.96	1144477.	6.85	166975.	3779.	11.42	0.0220	0.	61.	0.18
MILE 386.85	627.00	1143186.	5.36	213254.	6463.	11.43	0.0210	0.	68.	0.16
MILE 382.64	626.24	1142111.	4.38	261049.	40997.	11.69	0.0210	0.	63.	0.31
MILE 378.44	625.35	1134762.	4.19	270600.	38337.	9.95	0.0210	0.	69.	0.28
MILE 374.23	624.97	1128492.	3.48	324093.	20844.	11.82	0.0210	0.	66.	0.16
MILE 370.03	624.61	1125437.	3.68	305885.	11791.	12.86	0.0210	0.	75.	0.13
MILE 365.82	624.29	1124120.	3.15	356713.	10273.	12.58	0.0210	0.	71.	0.09
MILE 361.62	623.90	1122052.	3.35	335223.	19080.	11.24	0.0210	0.	78.	0.14
MILE 357.41	623.71	1120288.	2.58	434459.	42654.	9.40	0.0210	0.	87.	0.14
MILE 353.21	623.18	1118046.	4.90	228100.	9748.	14.55	0.0230	0.	86.	0.18
MILE 349.00	622.10	1117965.	5.00	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.19	1200000.	8.38	143266.	69943.	10.92	0.0230	0.	72.	1.03
MILE 420.49	645.88	1191621.	3.85	309859.	18432.	8.70	0.0230	0.	67.	0.17
MILE 416.28	642.95	1187439.	4.10	289857.	15266.	7.05	0.0270	0.	64.	0.17

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Appendix I		Checked	WBB

MILE 412.08	640.72	1183745.	8.03	147341.	8411.	11.28	0.0270	0.	64.	0.34
MILE 407.88	637.58	1179385.	5.35	220447.	15319.	7.96	0.0270	0.	61.	0.25
MILE 403.67	635.04	1176768.	3.65	322357.	9157.	5.32	0.0240	0.	62.	0.11
MILE 399.47	633.32	1161020.	4.97	233457.	51897.	8.51	0.0220	0.	69.	0.41
MILE 395.26	630.26	1158085.	6.23	185756.	45190.	8.12	0.0220	0.	72.	0.54
MILE 391.06	628.00	1148219.	6.87	167171.	3780.	11.42	0.0220	0.	61.	0.18
MILE 386.85	627.04	1147027.	5.37	213473.	6464.	11.44	0.0210	0.	68.	0.16
MILE 382.64	626.27	1146035.	4.39	261282.	41051.	11.69	0.0210	0.	63.	0.31
MILE 378.44	625.38	1139254.	4.21	270820.	38357.	9.95	0.0210	0.	69.	0.28
MILE 374.23	625.00	1133479.	3.50	324301.	20849.	11.82	0.0210	0.	66.	0.16
MILE 370.03	624.63	1130668.	3.69	306033.	11792.	12.86	0.0210	0.	75.	0.13
MILE 365.82	624.31	1129458.	3.16	356874.	10275.	12.58	0.0210	0.	71.	0.09
MILE 361.62	623.92	1127561.	3.36	335385.	19083.	11.24	0.0210	0.	78.	0.14
MILE 357.41	623.72	1125947.	2.59	434630.	42662.	9.40	0.0210	0.	87.	0.14
MILE 353.21	623.19	1123902.	4.93	228144.	9748.	14.55	0.0230	0.	86.	0.18
MILE 349.00	622.10	1123838.	5.03	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.22	1200000.	8.37	143382.	69991.	10.92	0.0230	0. 72. 1.03
MILE 420.49	645.91	1192096.	3.84	310164.	18438.	8.70	0.0230	0. 67. 0.17
MILE 416.28	642.99	1188145.	4.09	290169.	15271.	7.05	0.0270	0. 64. 0.17
MILE 412.08	640.76	1184650.	8.03	147470.	8413.	11.29	0.0270	0. 64. 0.34
MILE 407.88	637.62	1180553.	5.35	220702.	15331.	7.96	0.0270	0. 61. 0.25
MILE 403.67	635.08	1178112.	3.65	322761.	9160.	5.32	0.0240	0. 62. 0.11
MILE 399.47	633.37	1163518.	4.98	233755.	51947.	8.51	0.0220	0. 69. 0.41
MILE 395.26	630.31	1160803.	6.24	186013.	45219.	8.12	0.0220	0. 72. 0.54
MILE 391.06	628.03	1151704.	6.88	167354.	3781.	11.42	0.0220	0. 62. 0.18
MILE 386.85	627.07	1150605.	5.38	213677.	6464.	11.44	0.0210	0. 68. 0.17
MILE 382.64	626.30	1149690.	4.40	261500.	41102.	11.69	0.0210	0. 63. 0.31
MILE 378.44	625.40	1143429.	4.22	271026.	38375.	9.96	0.0210	0. 69. 0.28
MILE 374.23	625.02	1138101.	3.51	324499.	20853.	11.82	0.0210	0. 67. 0.16
MILE 370.03	624.65	1135510.	3.71	306170.	11794.	12.86	0.0210	0. 75. 0.13
MILE 365.82	624.33	1134397.	3.18	357024.	10276.	12.58	0.0210	0. 71. 0.09
MILE 361.62	623.93	1132653.	3.38	335537.	19086.	11.24	0.0210	0. 78. 0.14
MILE 357.41	623.74	1131172.	2.60	434790.	42669.	9.40	0.0210	0. 87. 0.14
MILE 353.21	623.20	1129302.	4.95	228184.	9749.	14.55	0.0230	0. 86. 0.18
MILE 349.00	622.10	1129253.	5.05	223538.	4622.	14.84	0.0240	0. 88. 0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

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TIME 15.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.25	1200000.	8.36	143491.	70037.	10.92	0.0230	0. 72. 1.03
MILE 420.49	645.95	1192540.	3.84	310452.	18444.	8.70	0.0230	0. 67. 0.16
MILE 416.28	643.03	1188816.	4.09	290463.	15277.	7.05	0.0270	0. 64. 0.17
MILE 412.08	640.80	1185531.	8.03	147592.	8416.	11.29	0.0270	0. 64. 0.34
MILE 407.88	637.67	1181699.	5.35	220941.	15342.	7.97	0.0270	0. 61. 0.25
MILE 403.67	635.13	1179426.	3.65	323141.	9163.	5.32	0.0240	0. 62. 0.11
MILE 399.47	633.41	1165872.	4.98	234034.	51995.	8.51	0.0220	0. 69. 0.41
MILE 395.26	630.35	1163355.	6.25	186253.	45245.	8.12	0.0220	0. 72. 0.54
MILE 391.06	628.07	1154943.	6.89	167526.	3782.	11.42	0.0220	0. 62. 0.18
MILE 386.85	627.10	1153928.	5.40	213868.	6465.	11.44	0.0210	0. 68. 0.17
MILE 382.64	626.33	1153083.	4.41	261703.	41149.	11.70	0.0210	0. 63. 0.31
MILE 378.44	625.43	1147300.	4.23	271218.	38392.	9.96	0.0210	0. 69. 0.28
MILE 374.23	625.04	1142385.	3.52	324684.	20857.	11.82	0.0210	0. 67. 0.16
MILE 370.03	624.67	1139996.	3.72	306299.	11796.	12.87	0.0210	0. 75. 0.13
MILE 365.82	624.35	1138971.	3.19	357164.	10277.	12.59	0.0210	0. 71. 0.10
MILE 361.62	623.95	1137367.	3.39	335678.	19089.	11.25	0.0210	0. 78. 0.14
MILE 357.41	623.75	1136006.	2.61	434940.	42676.	9.40	0.0210	0. 87. 0.14
MILE 353.21	623.21	1134294.	4.97	228222.	9750.	14.55	0.0230	0. 86. 0.18
MILE 349.00	622.10	1134257.	5.07	223538.	4622.	14.84	0.0240	0. 88. 0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.28	1200000.	8.36	143594.	70079.	10.92	0.0230	0. 72. 1.03
MILE 420.49	645.98	1192973.	3.84	310723.	18450.	8.71	0.0230	0. 67. 0.16
MILE 416.28	643.06	1189470.	4.09	290739.	15282.	7.05	0.0270	0. 64. 0.17
MILE 412.08	640.83	1186387.	8.03	147706.	8418.	11.29	0.0270	0. 64. 0.34
MILE 407.88	637.71	1182807.	5.35	221166.	15352.	7.97	0.0270	0. 61. 0.25
MILE 403.67	635.17	1180690.	3.65	323497.	9165.	5.32	0.0240	0. 62. 0.11
MILE 399.47	633.45	1168090.	4.99	234296.	52039.	8.52	0.0220	0. 69. 0.41
MILE 395.26	630.38	1165754.	6.25	186479.	45270.	8.12	0.0220	0. 72. 0.54
MILE 391.06	628.10	1157962.	6.91	167686.	3782.	11.42	0.0220	0. 62. 0.18
MILE 386.85	627.13	1157023.	5.41	214046.	6466.	11.45	0.0210	0. 68. 0.17
MILE 382.64	626.35	1156242.	4.41	261893.	41193.	11.70	0.0210	0. 63. 0.31
MILE 378.44	625.45	1150897.	4.24	271397.	38407.	9.96	0.0210	0. 69. 0.28
MILE 374.23	625.06	1146359.	3.53	324857.	20861.	11.83	0.0210	0. 67. 0.16
MILE 370.03	624.69	1144155.	3.73	306419.	11797.	12.87	0.0210	0. 75. 0.13
MILE 365.82	624.37	1143209.	3.20	357295.	10277.	12.59	0.0210	0. 71. 0.10
MILE 361.62	623.96	1141733.	3.40	335810.	19091.	11.25	0.0210	0. 78. 0.14
MILE 357.41	623.76	1140483.	2.62	435079.	42683.	9.40	0.0210	0. 87. 0.14
MILE 353.21	623.22	1138914.	4.99	228258.	9750.	14.55	0.0230	0. 86. 0.18
MILE 349.00	622.10	1138887.	5.09	223538.	4622.	14.84	0.0240	0. 88. 0.13

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TIME	17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	648.31	1200000.	8.35	143690.	70120.	10.92	0.0230	0.	72. 1.03
MILE	420.49	646.01	1193394.	3.84	310978.	18455.	8.71	0.0230	0.	67. 0.16
MILE	416.28	643.09	1190104.	4.09	291000.	15287.	7.06	0.0270	0.	64. 0.17
MILE	412.08	640.87	1187216.	8.03	147813.	8421.	11.30	0.0270	0.	64. 0.34
MILE	407.88	637.74	1183871.	5.35	221377.	15361.	7.97	0.0270	0.	61. 0.25
MILE	403.67	635.21	1181899.	3.65	323833.	9167.	5.32	0.0240	0.	62. 0.11
MILE	399.47	633.49	1170178.	4.99	234542.	52081.	8.52	0.0220	0.	69. 0.41
MILE	395.26	630.42	1168007.	6.26	186690.	45293.	8.12	0.0220	0.	72. 0.54
MILE	391.06	628.13	1160782.	6.92	167836.	3783.	11.43	0.0220	0.	62. 0.18
MILE	386.85	627.16	1159912.	5.41	214213.	6466.	11.45	0.0210	0.	68. 0.17
MILE	382.64	626.38	1159190.	4.42	262071.	41234.	11.70	0.0210	0.	63. 0.31
MILE	378.44	625.47	1154243.	4.25	271565.	38422.	9.96	0.0210	0.	69. 0.28
MILE	374.23	625.08	1150049.	3.54	325018.	20865.	11.83	0.0210	0.	67. 0.16
MILE	370.03	624.71	1148013.	3.75	306531.	11799.	12.87	0.0210	0.	75. 0.13
MILE	365.82	624.38	1147141.	3.21	357417.	10278.	12.59	0.0210	0.	71. 0.10
MILE	361.62	623.97	1145782.	3.41	335933.	19093.	11.25	0.0210	0.	78. 0.14
MILE	357.41	623.77	1144631.	2.63	435209.	42689.	9.41	0.0210	0.	87. 0.15
MILE	353.21	623.23	1143193.	5.01	228291.	9751.	14.56	0.0230	0.	86. 0.18
MILE	349.00	622.10	1143175.	5.11	223538.	4622.	14.84	0.0240	0.	88. 0.13

0DATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME	18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	648.34	1200000.	8.35	143781.	70157.	10.93	0.0230	0.	72. 1.03
MILE	420.49	646.04	1193800.	3.84	311218.	18460.	8.71	0.0230	0.	67. 0.16
MILE	416.28	643.12	1190716.	4.09	291246.	15291.	7.06	0.0270	0.	64. 0.17
MILE	412.08	640.90	1188012.	8.03	147914.	8423.	11.30	0.0270	0.	64. 0.34
MILE	407.88	637.78	1184889.	5.35	221576.	15370.	7.97	0.0270	0.	62. 0.25
MILE	403.67	635.25	1183052.	3.65	324149.	9170.	5.32	0.0240	0.	62. 0.11
MILE	399.47	633.53	1172143.	4.99	234772.	52120.	8.52	0.0220	0.	69. 0.41
MILE	395.26	630.45	1170124.	6.26	186889.	45315.	8.12	0.0220	0.	72. 0.54
MILE	391.06	628.15	1163418.	6.93	167977.	3783.	11.43	0.0220	0.	62. 0.18
MILE	386.85	627.18	1162612.	5.42	214369.	6467.	11.45	0.0210	0.	68. 0.17
MILE	382.64	626.40	1161943.	4.43	262237.	41272.	11.70	0.0210	0.	63. 0.31
MILE	378.44	625.49	1157361.	4.26	271723.	38436.	9.96	0.0210	0.	69. 0.28
MILE	374.23	625.10	1153481.	3.55	325170.	20868.	11.83	0.0210	0.	67. 0.16
MILE	370.03	624.72	1151599.	3.76	306636.	11800.	12.87	0.0210	0.	75. 0.13
MILE	365.82	624.39	1150794.	3.22	357532.	10279.	12.59	0.0210	0.	71. 0.10

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MILE 361.62	623.98	1149540.	3.42	336048.	19095.	11.25	0.0210	0.	78.	0.14
MILE 357.41	623.79	1148481.	2.64	435331.	42694.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.24	1147162.	5.02	228322.	9751.	14.56	0.0230	0.	86.	0.18
MILE 349.00	622.10	1147152.	5.13	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.36	1200000.	8.34	143866.	70193.	10.93	0.0230	0. 72. 1.03
MILE 420.49	646.06	1194189.	3.83	311443.	18465.	8.71	0.0230	0. 67. 0.16
MILE 416.28	643.15	1191301.	4.09	291477.	15296.	7.06	0.0270	0. 64. 0.16
MILE 412.08	640.93	1188773.	8.03	148009.	8425.	11.30	0.0270	0. 64. 0.34
MILE 407.88	637.81	1185858.	5.35	221763.	15379.	7.97	0.0270	0. 62. 0.25
MILE 403.67	635.28	1184147.	3.65	324445.	9172.	5.32	0.0240	0. 62. 0.11
MILE 399.47	633.57	1173990.	5.00	234988.	52157.	8.52	0.0220	0. 69. 0.41
MILE 395.26	630.48	1172112.	6.27	187075.	45336.	8.12	0.0220	0. 72. 0.54
MILE 391.06	628.18	1165884.	6.94	168109.	3784.	11.43	0.0220	0. 62. 0.18
MILE 386.85	627.20	1165136.	5.43	214516.	6468.	11.45	0.0210	0. 68. 0.17
MILE 382.64	626.42	1164516.	4.44	262393.	41308.	11.71	0.0210	0. 63. 0.31
MILE 378.44	625.50	1160268.	4.27	271870.	38449.	9.96	0.0210	0. 69. 0.28
MILE 374.23	625.11	1156676.	3.56	325311.	20871.	11.83	0.0210	0. 67. 0.16
MILE 370.03	624.74	1154934.	3.77	306734.	11801.	12.88	0.0210	0. 75. 0.13
MILE 365.82	624.41	1154190.	3.23	357639.	10280.	12.60	0.0210	0. 71. 0.10
MILE 361.62	624.00	1153034.	3.43	336156.	19097.	11.25	0.0210	0. 78. 0.14
MILE 357.41	623.80	1152058.	2.65	435445.	42700.	9.41	0.0210	0. 87. 0.15
MILE 353.21	623.24	1150848.	5.04	228351.	9752.	14.56	0.0230	0. 86. 0.18
MILE 349.00	622.10	1150846.	5.15	223538.	4622.	14.84	0.0240	0. 88. 0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.38	1200000.	8.34	143946.	70226.	10.93	0.0230	0. 72. 1.03
MILE 420.49	646.09	1194560.	3.83	311654.	18470.	8.72	0.0230	0. 67. 0.16
MILE 416.28	643.18	1191860.	4.09	291693.	15300.	7.06	0.0270	0. 64. 0.16
MILE 412.08	640.96	1189498.	8.03	148097.	8426.	11.30	0.0270	0. 64. 0.34
MILE 407.88	637.84	1186778.	5.35	221938.	15386.	7.98	0.0270	0. 62. 0.25
MILE 403.67	635.31	1185184.	3.65	324725.	9173.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.60	1175726.	5.00	235191.	52191.	8.52	0.0220	0. 69. 0.41
MILE 395.26	630.51	1173979.	6.27	187250.	45355.	8.12	0.0220	0. 72. 0.54
MILE 391.06	628.20	1168192.	6.94	168233.	3785.	11.43	0.0220	0. 62. 0.18
MILE 386.85	627.23	1167497.	5.44	214653.	6468.	11.46	0.0210	0. 68. 0.17

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 382.64	626.44	1166922.	4.44	262539.	41342.	11.71	0.0210	0.	63.	0.31
MILE 378.44	625.52	1162982.	4.28	272008.	38461.	9.97	0.0210	0.	69.	0.28
MILE 374.23	625.13	1159653.	3.56	325444.	20874.	11.83	0.0210	0.	67.	0.16
MILE 370.03	624.75	1158041.	3.77	306827.	11803.	12.88	0.0210	0.	75.	0.13
MILE 365.82	624.42	1157353.	3.24	357739.	10280.	12.60	0.0210	0.	71.	0.10
MILE 361.62	624.01	1156286.	3.44	336258.	19099.	11.25	0.0210	0.	78.	0.14
MILE 357.41	623.80	1155386.	2.65	435552.	42705.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.25	1154275.	5.05	228378.	9752.	14.56	0.0230	0.	86.	0.18
MILE 349.00	622.10	1154279.	5.16	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.40	1200000.	8.33	144020.	70256.	10.93	0.0230	0.	72.	1.03
MILE 420.49	646.11	1194913.	3.83	311852.	18474.	8.72	0.0230	0.	67.	0.16
MILE 416.28	643.20	1192390.	4.08	291897.	15303.	7.06	0.0270	0.	64.	0.16
MILE 412.08	640.98	1190185.	8.03	148181.	8428.	11.31	0.0270	0.	64.	0.34
MILE 407.88	637.87	1187649.	5.35	222103.	15394.	7.98	0.0270	0.	62.	0.25
MILE 403.67	635.34	1186165.	3.65	324987.	9175.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.63	1177356.	5.00	235381.	52223.	8.53	0.0220	0.	70.	0.42
MILE 395.26	630.54	1175730.	6.27	187414.	45373.	8.12	0.0220	0.	72.	0.54
MILE 391.06	628.23	1170351.	6.95	168349.	3785.	11.43	0.0220	0.	62.	0.18
MILE 386.85	627.25	1169706.	5.45	214782.	6469.	11.46	0.0210	0.	68.	0.17
MILE 382.64	626.46	1169172.	4.45	262676.	41374.	11.71	0.0210	0.	63.	0.31
MILE 378.44	625.54	1165516.	4.28	272138.	38472.	9.97	0.0210	0.	69.	0.28
MILE 374.23	625.14	1162430.	3.57	325569.	20877.	11.84	0.0210	0.	67.	0.16
MILE 370.03	624.76	1160937.	3.78	306913.	11804.	12.88	0.0210	0.	75.	0.13
MILE 365.82	624.43	1160301.	3.24	357834.	10281.	12.60	0.0210	0.	71.	0.10
MILE 361.62	624.02	1159314.	3.45	336353.	19101.	11.25	0.0210	0.	78.	0.14
MILE 357.41	623.81	1158485.	2.66	435652.	42709.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.26	1157464.	5.07	228404.	9753.	14.56	0.0230	0.	86.	0.18
MILE 349.00	622.10	1157473.	5.18	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.42	1200000.	8.33	144089.	70285.	10.93	0.0230	0.	72.	1.03
MILE 420.49	646.13	1195248.	3.83	312037.	18478.	8.72	0.0230	0.	67.	0.16
MILE 416.28	643.23	1192893.	4.08	292087.	15307.	7.07	0.0270	0.	64.	0.16
MILE 412.08	641.01	1190836.	8.03	148259.	8430.	11.31	0.0270	0.	64.	0.34
MILE 407.88	637.89	1188472.	5.35	222257.	15401.	7.98	0.0270	0.	62.	0.25

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MILE 403.67	635.37	1187089.	3.65	325233.	9177.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.66	1178886.	5.00	235560.	52254.	8.53	0.0220	0.	70.	0.42
MILE 395.26	630.57	1177373.	6.28	187569.	45389.	8.12	0.0220	0.	72.	0.54
MILE 391.06	628.25	1172372.	6.96	168458.	3786.	11.43	0.0220	0.	62.	0.18
MILE 386.85	627.27	1171773.	5.45	214903.	6469.	11.46	0.0210	0.	68.	0.17
MILE 382.64	626.48	1171277.	4.46	262805.	41403.	11.71	0.0210	0.	63.	0.31
MILE 378.44	625.55	1167883.	4.29	272259.	38483.	9.97	0.0210	0.	69.	0.28
MILE 374.23	625.16	1165022.	3.58	325686.	20880.	11.84	0.0210	0.	67.	0.16
MILE 370.03	624.78	1163638.	3.79	306994.	11805.	12.88	0.0210	0.	75.	0.13
MILE 365.82	624.44	1163049.	3.25	357922.	10282.	12.60	0.0210	0.	71.	0.10
MILE 361.62	624.02	1162137.	3.45	336442.	19102.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.82	1161372.	2.67	435746.	42713.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.26	1160433.	5.08	228428.	9753.	14.56	0.0230	0.	86.	0.18
MILE 349.00	622.10	1160446.	5.19	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-11-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.44	1200000.	8.32	144154.	70312.	10.93	0.0230	0.	72.	1.02
MILE 420.49	646.15	1195564.	3.83	312210.	18482.	8.72	0.0230	0.	67.	0.16
MILE 416.28	643.25	1193368.	4.08	292266.	15310.	7.07	0.0270	0.	64.	0.16
MILE 412.08	641.03	1191450.	8.03	148332.	8431.	11.31	0.0270	0.	64.	0.34
MILE 407.88	637.92	1189247.	5.35	222402.	15407.	7.98	0.0270	0.	62.	0.25
MILE 403.67	635.40	1187960.	3.65	325465.	9179.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.68	1180322.	5.01	235728.	52282.	8.53	0.0220	0.	70.	0.42
MILE 395.26	630.59	1178914.	6.28	187714.	45405.	8.12	0.0220	0.	72.	0.54
MILE 391.06	628.27	1174264.	6.97	168561.	3786.	11.44	0.0220	0.	62.	0.18
MILE 386.85	627.28	1173707.	5.46	215017.	6469.	11.46	0.0210	0.	68.	0.17
MILE 382.64	626.49	1173246.	4.46	262926.	41431.	11.71	0.0210	0.	63.	0.31
MILE 378.44	625.57	1170095.	4.30	272373.	38493.	9.97	0.0210	0.	69.	0.28
MILE 374.23	625.17	1167441.	3.58	325795.	20882.	11.84	0.0210	0.	67.	0.16
MILE 370.03	624.79	1166158.	3.80	307071.	11806.	12.89	0.0210	0.	75.	0.13
MILE 365.82	624.45	1165612.	3.26	358005.	10282.	12.60	0.0210	0.	71.	0.10
MILE 361.62	624.03	1164769.	3.46	336525.	19104.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.83	1164063.	2.67	435835.	42717.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.27	1163200.	5.09	228451.	9754.	14.56	0.0230	0.	86.	0.19
MILE 349.00	622.10	1163217.	5.20	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

TVA

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MILE 424.70	648.46	1200000.	8.32	144214.	70337.	10.93	0.0230	0.	72.	1.02
MILE 420.49	646.17	1195863.	3.83	312372.	18485.	8.73	0.0230	0.	67.	0.16
MILE 416.28	643.27	1193816.	4.08	292433.	15313.	7.07	0.0270	0.	64.	0.16
MILE 412.08	641.05	1192029.	8.03	148401.	8433.	11.31	0.0270	0.	64.	0.34
MILE 407.88	637.94	1189977.	5.35	222538.	15413.	7.98	0.0270	0.	62.	0.25
MILE 403.67	635.42	1188780.	3.65	325683.	9180.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.71	1181668.	5.01	235885.	52308.	8.53	0.0220	0.	70.	0.42
MILE 395.26	630.61	1180358.	6.28	187850.	45420.	8.12	0.0220	0.	72.	0.54
MILE 391.06	628.29	1176033.	6.97	168657.	3786.	11.44	0.0220	0.	62.	0.18
MILE 386.85	627.30	1175516.	5.46	215123.	6470.	11.46	0.0210	0.	68.	0.17
MILE 382.64	626.51	1175088.	4.47	263039.	41458.	11.72	0.0210	0.	63.	0.31
MILE 378.44	625.58	1172162.	4.30	272480.	38502.	9.97	0.0210	0.	69.	0.28
MILE 374.23	625.18	1169699.	3.59	325898.	20884.	11.84	0.0210	0.	67.	0.16
MILE 370.03	624.80	1168510.	3.80	307142.	11807.	12.89	0.0210	0.	75.	0.13
MILE 365.82	624.46	1168004.	3.26	358083.	10283.	12.60	0.0210	0.	71.	0.10
MILE 361.62	624.04	1167225.	3.47	336604.	19105.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.84	1166572.	2.68	435917.	42721.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.27	1165779.	5.10	228472.	9754.	14.56	0.0230	0.	86.	0.19
MILE 349.00	622.10	1165799.	5.22	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.48	1200000.	8.32	144270.	70360.	10.93	0.0230	0.	72.	1.02
MILE 420.49	646.19	1196144.	3.83	312523.	18488.	8.73	0.0230	0.	67.	0.16
MILE 416.28	643.29	1194237.	4.08	292590.	15316.	7.07	0.0270	0.	64.	0.16
MILE 412.08	641.07	1192573.	8.03	148465.	8434.	11.32	0.0270	0.	64.	0.34
MILE 407.88	637.96	1190663.	5.35	222666.	15419.	7.98	0.0270	0.	62.	0.25
MILE 403.67	635.44	1189549.	3.65	325887.	9181.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.73	1182929.	5.01	236033.	52333.	8.53	0.0220	0.	70.	0.42
MILE 395.26	630.64	1181710.	6.29	187978.	45434.	8.12	0.0220	0.	72.	0.54
MILE 391.06	628.30	1177689.	6.98	168747.	3787.	11.44	0.0220	0.	62.	0.18
MILE 386.85	627.32	1177208.	5.47	215223.	6470.	11.46	0.0210	0.	68.	0.17
MILE 382.64	626.52	1176811.	4.47	263145.	41482.	11.72	0.0210	0.	63.	0.31
MILE 378.44	625.59	1174093.	4.31	272581.	38511.	9.97	0.0210	0.	69.	0.29
MILE 374.23	625.19	1171808.	3.59	325995.	20887.	11.84	0.0210	0.	67.	0.16
MILE 370.03	624.81	1170705.	3.81	307209.	11807.	12.89	0.0210	0.	75.	0.13
MILE 365.82	624.47	1170237.	3.27	358156.	10283.	12.61	0.0210	0.	71.	0.10
MILE 361.62	624.05	1169516.	3.47	336677.	19107.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.84	1168914.	2.68	435995.	42725.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.28	1168184.	5.11	228492.	9754.	14.56	0.0230	0.	86.	0.19
MILE 349.00	622.10	1168207.	5.23	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TVA

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.49	1200000.	8.31	144322.	70381.	10.93	0.0230	0. 72. 1.02
MILE	420.49	646.21	1196409.	3.83	312663.	18491.	8.73	0.0230	0. 67. 0.16
MILE	416.28	643.31	1194634.	4.08	292736.	15319.	7.07	0.0270	0. 64. 0.16
MILE	412.08	641.09	1193085.	8.03	148525.	8435.	11.32	0.0270	0. 64. 0.34
MILE	407.88	637.98	1191308.	5.35	222785.	15424.	7.98	0.0270	0. 62. 0.25
MILE	403.67	635.47	1190271.	3.65	326079.	9183.	5.33	0.0240	0. 62. 0.11
MILE	399.47	633.76	1184111.	5.01	236171.	52357.	8.53	0.0220	0. 70. 0.42
MILE	395.26	630.66	1182976.	6.29	188098.	45447.	8.12	0.0220	0. 72. 0.54
MILE	391.06	628.32	1179238.	6.98	168832.	3787.	11.44	0.0220	0. 62. 0.18
MILE	386.85	627.33	1178791.	5.47	215317.	6471.	11.47	0.0210	0. 68. 0.17
MILE	382.64	626.54	1178422.	4.48	263245.	41505.	11.72	0.0210	0. 63. 0.31
MILE	378.44	625.60	1175898.	4.31	272675.	38519.	9.97	0.0210	0. 69. 0.29
MILE	374.23	625.20	1173777.	3.60	326086.	20889.	11.84	0.0210	0. 67. 0.16
MILE	370.03	624.82	1172755.	3.82	307272.	11808.	12.89	0.0210	0. 75. 0.13
MILE	365.82	624.48	1172321.	3.27	358224.	10284.	12.61	0.0210	0. 71. 0.10
MILE	361.62	624.06	1171655.	3.48	336747.	19108.	11.25	0.0210	0. 78. 0.15
MILE	357.41	623.85	1171098.	2.69	436068.	42728.	9.41	0.0210	0. 87. 0.15
MILE	353.21	623.28	1170427.	5.12	228510.	9755.	14.56	0.0230	0. 86. 0.19
MILE	349.00	622.10	1170452.	5.24	223538.	4622.	14.84	0.0240	0. 88. 0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME	3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.50	1200000.	8.31	144371.	70402.	10.93	0.0230	0. 73. 1.02
MILE	420.49	646.22	1196657.	3.83	312795.	18494.	8.73	0.0230	0. 67. 0.16
MILE	416.28	643.33	1195006.	4.08	292873.	15321.	7.07	0.0270	0. 64. 0.16
MILE	412.08	641.11	1193566.	8.03	148581.	8437.	11.32	0.0270	0. 65. 0.34
MILE	407.88	638.00	1191912.	5.35	222897.	15429.	7.98	0.0270	0. 62. 0.25
MILE	403.67	635.49	1190948.	3.65	326258.	9184.	5.33	0.0240	0. 62. 0.11
MILE	399.47	633.78	1185217.	5.02	236301.	52379.	8.54	0.0220	0. 70. 0.42
MILE	395.26	630.68	1184162.	6.29	188210.	45459.	8.12	0.0220	0. 72. 0.54
MILE	391.06	628.34	1180686.	6.99	168911.	3787.	11.44	0.0220	0. 62. 0.18
MILE	386.85	627.35	1180270.	5.48	215405.	6471.	11.47	0.0210	0. 68. 0.17
MILE	382.64	626.55	1179928.	4.48	263339.	41527.	11.72	0.0210	0. 63. 0.31
MILE	378.44	625.61	1177584.	4.32	272764.	38527.	9.97	0.0210	0. 69. 0.29
MILE	374.23	625.21	1175617.	3.60	326171.	20891.	11.84	0.0210	0. 67. 0.16
MILE	370.03	624.83	1174668.	3.82	307331.	11809.	12.89	0.0210	0. 75. 0.13
MILE	365.82	624.49	1174267.	3.28	358288.	10284.	12.61	0.0210	0. 71. 0.10
MILE	361.62	624.06	1173651.	3.48	336811.	19109.	11.25	0.0210	0. 78. 0.15
MILE	357.41	623.86	1173137.	2.69	436136.	42731.	9.41	0.0210	0. 87. 0.15
MILE	353.21	623.28	1172520.	5.13	228528.	9755.	14.56	0.0230	0. 86. 0.19

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Appendix I		Checked	WBB

MILE 349.00 622.10 1172547. 5.25 223538. 4622. 14.84 0.0240 0. 88. 0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.52	1200000.	8.31	144416.	70420.	10.93	0.0230	0. 73. 1.02
MILE 420.49	646.24	1196890.	3.82	312917.	18497.	8.73	0.0230	0. 67. 0.16
MILE 416.28	643.34	1195355.	4.08	293001.	15324.	7.07	0.0270	0. 64. 0.16
MILE 412.08	641.12	1194016.	8.03	148634.	8438.	11.32	0.0270	0. 65. 0.34
MILE 407.88	638.02	1192478.	5.35	223002.	15434.	7.98	0.0270	0. 62. 0.25
MILE 403.67	635.50	1191582.	3.65	326427.	9185.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.80	1186251.	5.02	236422.	52399.	8.54	0.0220	0. 70. 0.42
MILE 395.26	630.69	1185270.	6.29	188316.	45471.	8.12	0.0220	0. 72. 0.55
MILE 391.06	628.35	1182040.	6.99	168986.	3788.	11.44	0.0220	0. 62. 0.18
MILE 386.85	627.36	1181654.	5.48	215488.	6471.	11.47	0.0210	0. 68. 0.17
MILE 382.64	626.56	1181336.	4.48	263427.	41547.	11.72	0.0210	0. 63. 0.31
MILE 378.44	625.62	1179159.	4.32	272847.	38534.	9.97	0.0210	0. 69. 0.29
MILE 374.23	625.22	1177334.	3.61	326251.	20892.	11.84	0.0210	0. 67. 0.16
MILE 370.03	624.83	1176455.	3.83	307386.	11810.	12.89	0.0210	0. 75. 0.13
MILE 365.82	624.49	1176083.	3.28	358349.	10285.	12.61	0.0210	0. 71. 0.10
MILE 361.62	624.07	1175514.	3.49	336872.	19110.	11.25	0.0210	0. 78. 0.15
MILE 357.41	623.86	1175039.	2.69	436200.	42734.	9.41	0.0210	0. 87. 0.15
MILE 353.21	623.29	1174472.	5.14	228544.	9755.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1174501.	5.25	223538.	4622.	14.84	0.0240	0. 88. 0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.53	1200000.	8.31	144457.	70437.	10.93	0.0230	0. 73. 1.02
MILE 420.49	646.25	1197109.	3.82	313031.	18499.	8.73	0.0230	0. 67. 0.16
MILE 416.28	643.36	1195682.	4.08	293120.	15326.	7.08	0.0270	0. 64. 0.16
MILE 412.08	641.14	1194438.	8.03	148683.	8439.	11.32	0.0270	0. 65. 0.34
MILE 407.88	638.04	1193008.	5.35	223100.	15438.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.52	1192176.	3.65	326585.	9186.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.81	1187219.	5.02	236536.	52418.	8.54	0.0220	0. 70. 0.42
MILE 395.26	630.71	1186307.	6.30	188415.	45481.	8.12	0.0220	0. 72. 0.55
MILE 391.06	628.36	1183305.	7.00	169056.	3788.	11.44	0.0220	0. 62. 0.18
MILE 386.85	627.37	1182947.	5.49	215565.	6472.	11.47	0.0210	0. 68. 0.17
MILE 382.64	626.57	1182651.	4.49	263509.	41566.	11.72	0.0210	0. 63. 0.31
MILE 378.44	625.63	1180631.	4.33	272925.	38541.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.23	1178938.	3.61	326326.	20894.	11.85	0.0210	0. 67. 0.16

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MILE 370.03	624.84	1178124.	3.83	307438.	11810.	12.89	0.0210	0.	75.	0.13
MILE 365.82	624.50	1177779.	3.29	358405.	10285.	12.61	0.0210	0.	71.	0.10
MILE 361.62	624.08	1177253.	3.49	336929.	19111.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.87	1176815.	2.70	436261.	42737.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.29	1176294.	5.15	228560.	9755.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1176323.	5.26	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.54	1200000.	8.30	144496.	70453.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.26	1197313.	3.82	313137.	18501.	8.73	0.0230	0. 67. 0.16
MILE 416.28	643.37	1195988.	4.08	293231.	15328.	7.08	0.0270	0. 64. 0.16
MILE 412.08	641.15	1194833.	8.03	148728.	8440.	11.32	0.0270	0. 65. 0.34
MILE 407.88	638.05	1193504.	5.35	223192.	15442.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.54	1192731.	3.65	326733.	9187.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.83	1188124.	5.02	236643.	52436.	8.54	0.0220	0. 70. 0.42
MILE 395.26	630.72	1187276.	6.30	188509.	45491.	8.12	0.0220	0. 72. 0.55
MILE 391.06	628.38	1184488.	7.00	169121.	3788.	11.44	0.0220	0. 62. 0.18
MILE 386.85	627.38	1184154.	5.49	215638.	6472.	11.47	0.0210	0. 68. 0.17
MILE 382.64	626.58	1183880.	4.49	263586.	41584.	11.72	0.0210	0. 63. 0.31
MILE 378.44	625.64	1182006.	4.33	272998.	38548.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.24	1180436.	3.62	326396.	20896.	11.85	0.0210	0. 67. 0.16
MILE 370.03	624.85	1179681.	3.84	307487.	11811.	12.90	0.0210	0. 75. 0.13
MILE 365.82	624.51	1179362.	3.29	358458.	10285.	12.61	0.0210	0. 71. 0.10
MILE 361.62	624.08	1178875.	3.50	336983.	19112.	11.25	0.0210	0. 78. 0.15
MILE 357.41	623.87	1178472.	2.70	436317.	42740.	9.41	0.0210	0. 87. 0.15
MILE 353.21	623.30	1177993.	5.15	228574.	9756.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1178024.	5.27	223538.	4622.	14.84	0.0240	0. 88. 0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.55	1200000.	8.30	144532.	70468.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.28	1197505.	3.82	313236.	18503.	8.74	0.0230	0. 67. 0.16
MILE 416.28	643.38	1196275.	4.08	293335.	15330.	7.08	0.0270	0. 64. 0.16
MILE 412.08	641.17	1195202.	8.03	148771.	8441.	11.33	0.0270	0. 65. 0.34
MILE 407.88	638.07	1193968.	5.35	223278.	15446.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.56	1193250.	3.65	326872.	9188.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.85	1188969.	5.02	236743.	52453.	8.54	0.0220	0. 70. 0.42
MILE 395.26	630.74	1188182.	6.30	188596.	45501.	8.12	0.0220	0. 72. 0.55

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MILE 391.06	628.39	1185592.	7.01	169183.	3789.	11.44	0.0220	0.	62.	0.18
MILE 386.85	627.39	1185283.	5.49	215706.	6472.	11.47	0.0210	0.	68.	0.17
MILE 382.64	626.59	1185028.	4.49	263659.	41601.	11.72	0.0210	0.	63.	0.31
MILE 378.44	625.65	1183289.	4.33	273067.	38554.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.25	1181834.	3.62	326462.	20897.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.86	1181134.	3.84	307533.	11812.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.51	1180839.	3.29	358508.	10286.	12.61	0.0210	0.	71.	0.10
MILE 361.62	624.09	1180390.	3.50	337033.	19113.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.88	1180017.	2.70	436370.	42742.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.30	1179578.	5.16	228588.	9756.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1179609.	5.28	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.56	1200000.	8.30	144565.	70482.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.29	1197684.	3.82	313328.	18505.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.39	1196542.	4.08	293432.	15332.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.18	1195547.	8.03	148811.	8441.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.08	1194402.	5.35	223358.	15450.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.57	1193735.	3.65	327002.	9189.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.86	1189759.	5.02	236837.	52469.	8.54	0.0220	0.	70.	0.42
MILE 395.26	630.75	1189028.	6.30	188678.	45510.	8.12	0.0220	0.	72.	0.55
MILE 391.06	628.40	1186623.	7.01	169241.	3789.	11.44	0.0220	0.	62.	0.18
MILE 386.85	627.40	1186336.	5.50	215770.	6472.	11.47	0.0210	0.	68.	0.17
MILE 382.64	626.60	1186100.	4.50	263727.	41616.	11.73	0.0210	0.	63.	0.31
MILE 378.44	625.66	1184487.	4.34	273131.	38559.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.25	1183139.	3.62	326524.	20898.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.86	1182491.	3.84	307576.	11812.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.52	1182218.	3.30	358555.	10286.	12.61	0.0210	0.	71.	0.10
MILE 361.62	624.09	1181803.	3.51	337080.	19114.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.88	1181459.	2.71	436419.	42744.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.30	1181057.	5.17	228601.	9756.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1181088.	5.28	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.57	1200000.	8.30	144596.	70495.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.30	1197851.	3.82	313414.	18507.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.41	1196792.	4.08	293522.	15333.	7.08	0.0270	0.	64.	0.16

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MILE 412.08	641.19	1195869.	8.03	148848.	8442.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.10	1194807.	5.35	223433.	15453.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.58	1194188.	3.65	327124.	9190.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.88	1190496.	5.02	236924.	52483.	8.54	0.0220	0.	70.	0.42
MILE 395.26	630.77	1189817.	6.30	188754.	45518.	8.12	0.0220	0.	72.	0.55
MILE 391.06	628.41	1187586.	7.01	169295.	3789.	11.44	0.0220	0.	62.	0.18
MILE 386.85	627.41	1187319.	5.50	215830.	6472.	11.47	0.0210	0.	68.	0.17
MILE 382.64	626.61	1187100.	4.50	263790.	41631.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.66	1185605.	4.34	273191.	38564.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.26	1184356.	3.63	326582.	20900.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.87	1183756.	3.85	307616.	11813.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.52	1183504.	3.30	358598.	10286.	12.61	0.0210	0.	71.	0.10
MILE 361.62	624.10	1183121.	3.51	337124.	19115.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.89	1182804.	2.71	436466.	42746.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.31	1182435.	5.17	228613.	9756.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1182466.	5.29	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.58	1200000.	8.30	144625.	70507.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.31	1198007.	3.82	313493.	18509.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.42	1197026.	4.08	293606.	15335.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.20	1196170.	8.03	148882.	8443.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.11	1195184.	5.35	223503.	15456.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.60	1194611.	3.65	327238.	9190.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.89	1191184.	5.03	237006.	52497.	8.54	0.0220	0.	70.	0.42
MILE 395.26	630.78	1190554.	6.31	188826.	45526.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.42	1188484.	7.02	169345.	3789.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.42	1188237.	5.50	215886.	6473.	11.47	0.0210	0.	68.	0.17
MILE 382.64	626.62	1188034.	4.50	263850.	41645.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.67	1186648.	4.34	273248.	38569.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.27	1185492.	3.63	326636.	20901.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.87	1184936.	3.85	307654.	11813.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.53	1184703.	3.30	358639.	10287.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.10	1184350.	3.51	337166.	19115.	11.25	0.0210	0.	78.	0.15
MILE 357.41	623.89	1184058.	2.71	436509.	42748.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.31	1183720.	5.18	228624.	9757.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1183751.	5.30	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	INFLOW	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
11.0000	DEPTH	FROUDE								
MILE 424.70	648.58	1200000.	8.30	144651.	70517.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.31	1198153.	3.82	313567.	18510.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.43	1197244.	4.08	293684.	15336.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.21	1196451.	8.03	148915.	8444.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.12	1195537.	5.35	223569.	15459.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.61	1195005.	3.65	327344.	9191.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.90	1191826.	5.03	237083.	52510.	8.54	0.0220	0.	70.	0.42
MILE 395.26	630.79	1191241.	6.31	188893.	45533.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.43	1189322.	7.02	169392.	3789.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.43	1189093.	5.51	215939.	6473.	11.47	0.0210	0.	68.	0.17
MILE 382.64	626.63	1188905.	4.51	263906.	41658.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.68	1187621.	4.35	273301.	38574.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.27	1186550.	3.63	326687.	20902.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.88	1186037.	3.85	307689.	11814.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.53	1185822.	3.31	358678.	10287.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.10	1185496.	3.52	337205.	19116.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.89	1185228.	2.71	436550.	42750.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.31	1184918.	5.18	228634.	9757.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1184949.	5.30	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME	INFLOW	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
12.0000	DEPTH	FROUDE								
MILE 424.70	648.59	1200000.	8.29	144675.	70528.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.32	1198289.	3.82	313635.	18512.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.43	1197447.	4.08	293757.	15338.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.22	1196712.	8.03	148945.	8444.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.13	1195865.	5.35	223630.	15462.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.62	1195373.	3.65	327444.	9192.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.91	1192425.	5.03	237155.	52522.	8.54	0.0220	0.	70.	0.42
MILE 395.26	630.80	1191882.	6.31	188956.	45540.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.44	1190103.	7.02	169437.	3790.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.44	1189891.	5.51	215988.	6473.	11.47	0.0210	0.	68.	0.17
MILE 382.64	626.63	1189716.	4.51	263958.	41670.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.68	1188528.	4.35	273351.	38578.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.28	1187538.	3.63	326734.	20903.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.88	1187063.	3.86	307722.	11814.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.54	1186864.	3.31	358713.	10287.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.11	1186564.	3.52	337241.	19117.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.90	1186317.	2.72	436588.	42752.	9.41	0.0210	0.	87.	0.15
MILE 353.21	623.31	1186034.	5.19	228644.	9757.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1186065.	5.31	223538.	4622.	14.84	0.0240	0.	88.	0.13

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Appendix I		Checked	WBB

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.60	1200000.	8.29	144698.	70537.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.33	1198415.	3.82	313699.	18513.	8.74	0.0230	0. 67. 0.16
MILE 416.28	643.44	1197636.	4.08	293825.	15339.	7.08	0.0270	0. 64. 0.16
MILE 412.08	641.23	1196956.	8.03	148973.	8445.	11.33	0.0270	0. 65. 0.34
MILE 407.88	638.14	1196172.	5.35	223687.	15464.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.63	1195715.	3.65	327537.	9192.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.92	1192983.	5.03	237221.	52533.	8.54	0.0220	0. 70. 0.42
MILE 395.26	630.81	1192480.	6.31	189015.	45546.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.45	1190831.	7.03	169478.	3790.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.45	1190635.	5.51	216034.	6473.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.64	1190473.	4.51	264007.	41681.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.69	1189374.	4.35	273397.	38582.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.28	1188458.	3.64	326779.	20904.	11.85	0.0210	0. 67. 0.16
MILE 370.03	624.89	1188019.	3.86	307753.	11814.	12.90	0.0210	0. 75. 0.13
MILE 365.82	624.54	1187836.	3.31	358747.	10287.	12.62	0.0210	0. 71. 0.10
MILE 361.62	624.11	1187559.	3.52	337275.	19117.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.90	1187332.	2.72	436624.	42754.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.31	1187073.	5.19	228654.	9757.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1187104.	5.31	223538.	4622.	14.84	0.0240	0. 88. 0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.60	1200000.	8.29	144719.	70545.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.34	1198533.	3.82	313757.	18514.	8.74	0.0230	0. 67. 0.16
MILE 416.28	643.45	1197813.	4.08	293888.	15340.	7.08	0.0270	0. 64. 0.16
MILE 412.08	641.24	1197184.	8.03	148999.	8445.	11.33	0.0270	0. 65. 0.34
MILE 407.88	638.15	1196457.	5.35	223740.	15467.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.64	1196035.	3.65	327624.	9193.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.93	1193502.	5.03	237284.	52544.	8.54	0.0220	0. 70. 0.42
MILE 395.26	630.82	1193037.	6.31	189070.	45552.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.45	1191510.	7.03	169517.	3790.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.45	1191328.	5.51	216077.	6473.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.65	1191178.	4.51	264053.	41691.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.70	1190161.	4.35	273440.	38586.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.29	1189315.	3.64	326820.	20905.	11.85	0.0210	0. 67. 0.16
MILE 370.03	624.89	1188910.	3.86	307782.	11815.	12.90	0.0210	0. 75. 0.13
MILE 365.82	624.55	1188741.	3.31	358778.	10288.	12.62	0.0210	0. 71. 0.10

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MILE 361.62	624.11	1188486.	3.52	337306.	19118.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.90	1188278.	2.72	436657.	42755.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.32	1188042.	5.20	228662.	9757.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1188072.	5.31	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.61	1200000.	8.29	144738.	70553.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.34	1198643.	3.82	313812.	18516.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.46	1197977.	4.08	293947.	15341.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.25	1197395.	8.03	149023.	8446.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.16	1196723.	5.35	223790.	15469.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.65	1196332.	3.65	327705.	9194.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.94	1193987.	5.03	237342.	52554.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.83	1193556.	6.31	189121.	45558.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.46	1192142.	7.03	169553.	3790.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.46	1191974.	5.52	216117.	6474.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.65	1191835.	4.51	264096.	41701.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.70	1190895.	4.35	273481.	38590.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.29	1190113.	3.64	326859.	20906.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.90	1189739.	3.87	307809.	11815.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.55	1189584.	3.32	358808.	10288.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.12	1189349.	3.53	337336.	19118.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.91	1189158.	2.72	436689.	42757.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.32	1188943.	5.20	228670.	9757.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1188972.	5.32	223538.	4622.	14.84	0.0240	0.	88.	0.13

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.61	1200000.	8.29	144756.	70561.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.35	1198746.	3.82	313863.	18517.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.46	1198130.	4.08	294001.	15342.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.25	1197592.	8.04	149045.	8446.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.16	1196970.	5.35	223836.	15471.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.66	1196609.	3.65	327780.	9194.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.95	1194438.	5.03	237397.	52563.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.83	1194038.	6.31	189169.	45563.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.47	1192730.	7.03	169587.	3790.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.47	1192575.	5.52	216155.	6474.	11.48	0.0210	0.	68.	0.17

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MILE 382.64	626.66	1192447.	4.51	264136.	41711.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.70	1191578.	4.36	273519.	38593.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.30	1190857.	3.64	326896.	20907.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.90	1190512.	3.87	307834.	11815.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.55	1190368.	3.32	358835.	10288.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.12	1190153.	3.53	337364.	19119.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.91	1189977.	2.72	436718.	42758.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.32	1189781.	5.20	228678.	9757.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1189810.	5.32	223538.	4622.	14.84	0.0240	0.	88.	0.13

ODATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.62	1200000.	8.29	144772.	70568.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.35	1198841.	3.82	313910.	18518.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.47	1198272.	4.08	294052.	15343.	7.08	0.0270	0.	64.	0.16
MILE 412.08	641.26	1197775.	8.04	149066.	8447.	11.33	0.0270	0.	65.	0.34
MILE 407.88	638.17	1197200.	5.35	223879.	15473.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.66	1196866.	3.65	327851.	9195.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.96	1194857.	5.03	237448.	52571.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.84	1194488.	6.31	189214.	45568.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.47	1193278.	7.04	169619.	3790.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.47	1193134.	5.52	216190.	6474.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.66	1193016.	4.52	264173.	41719.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.71	1192214.	4.36	273554.	38596.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.30	1191548.	3.64	326930.	20908.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.90	1191230.	3.87	307858.	11816.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.56	1191098.	3.32	358861.	10288.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.12	1190900.	3.53	337390.	19119.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.91	1190740.	2.73	436745.	42759.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.32	1190561.	5.21	228685.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1190590.	5.33	223538.	4622.	14.84	0.0240	0.	88.	0.13

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.62	1200000.	8.29	144787.	70574.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.36	1198929.	3.82	313953.	18518.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.48	1198404.	4.07	294099.	15344.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.27	1197946.	8.04	149086.	8447.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.18	1197414.	5.35	223919.	15475.	7.99	0.0270	0.	62.	0.25

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MILE 403.67	635.67	1197105.	3.65	327917.	9195.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.97	1195248.	5.03	237495.	52579.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.85	1194906.	6.31	189256.	45572.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.48	1193788.	7.04	169648.	3790.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.48	1193655.	5.52	216223.	6474.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.67	1193546.	4.52	264208.	41727.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.71	1192806.	4.36	273588.	38599.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.30	1192192.	3.65	326962.	20908.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.91	1191899.	3.87	307880.	11816.	12.90	0.0210	0.	75.	0.13
MILE 365.82	624.56	1191777.	3.32	358885.	10288.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.13	1191596.	3.53	337414.	19120.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.91	1191449.	2.73	436770.	42760.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.32	1191286.	5.21	228692.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1191314.	5.33	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.63	1200000.	8.29	144801.	70579.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.36	1199012.	3.82	313993.	18519.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.48	1198527.	4.07	294142.	15345.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.27	1198104.	8.04	149104.	8447.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.18	1197613.	5.35	223957.	15476.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.68	1197328.	3.65	327978.	9195.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.97	1195611.	5.03	237540.	52587.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.86	1195295.	6.31	189295.	45576.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.48	1194262.	7.04	169676.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.48	1194139.	5.52	216253.	6474.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.67	1194039.	4.52	264241.	41735.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.72	1193356.	4.36	273618.	38602.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.31	1192790.	3.65	326991.	20909.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.91	1192521.	3.87	307900.	11816.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.56	1192409.	3.32	358907.	10288.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.13	1192242.	3.53	337437.	19120.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.92	1192108.	2.73	436794.	42761.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.33	1191961.	5.21	228698.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1191987.	5.33	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	648.63	1200000.	8.29	144814.	70585.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.37	1199088.	3.82	314030.	18520.	8.74	0.0230	0.	67.	0.16
MILE 416.28	643.49	1198642.	4.07	294183.	15346.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.28	1198251.	8.04	149121.	8448.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.19	1197798.	5.35	223991.	15478.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.69	1197534.	3.65	328036.	9196.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.98	1195948.	5.03	237581.	52594.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.86	1195656.	6.32	189332.	45580.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.49	1194703.	7.04	169702.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.49	1194590.	5.52	216282.	6474.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.68	1194497.	4.52	264271.	41742.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.72	1193867.	4.36	273647.	38604.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.31	1193346.	3.65	327019.	20910.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.91	1193098.	3.87	307919.	11816.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.56	1192996.	3.32	358928.	10289.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.13	1192843.	3.53	337458.	19121.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.92	1192720.	2.73	436816.	42763.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.33	1192587.	5.21	228703.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1192613.	5.34	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.63	1200000.	8.29	144826.	70590.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.37	1199159.	3.82	314065.	18521.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.49	1198748.	4.07	294220.	15346.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.28	1198388.	8.04	149136.	8448.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.20	1197970.	5.35	224024.	15479.	7.99	0.0270	0.	62.	0.25
MILE 403.67	635.69	1197726.	3.65	328089.	9196.	5.33	0.0240	0.	62.	0.11
MILE 399.47	633.99	1196262.	5.03	237619.	52600.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.87	1195992.	6.32	189366.	45584.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.49	1195112.	7.04	169726.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.49	1195008.	5.52	216308.	6474.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.68	1194922.	4.52	264300.	41748.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.72	1194343.	4.36	273674.	38607.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.31	1193863.	3.65	327045.	20910.	11.85	0.0210	0.	67.	0.16
MILE 370.03	624.92	1193635.	3.88	307937.	11817.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.57	1193541.	3.33	358947.	10289.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.13	1193401.	3.54	337477.	19121.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.92	1193289.	2.73	436837.	42763.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.33	1193168.	5.22	228709.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1193194.	5.34	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.64	1200000.	8.29	144837.	70594.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.38	1199225.	3.82	314096.	18522.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.50	1198846.	4.07	294255.	15347.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.29	1198514.	8.04	149151.	8448.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.20	1198129.	5.35	224054.	15480.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.70	1197905.	3.65	328139.	9196.	5.33	0.0240	0. 62. 0.11
MILE 399.47	633.99	1196553.	5.03	237655.	52606.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.87	1196304.	6.32	189398.	45587.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.50	1195493.	7.04	169748.	3791.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.49	1195397.	5.53	216333.	6474.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.68	1195318.	4.52	264326.	41754.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.73	1194784.	4.37	273699.	38609.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.31	1194343.	3.65	327069.	20911.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.92	1194134.	3.88	307954.	11817.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.57	1194047.	3.33	358966.	10289.	12.62	0.0210	0. 71. 0.10
MILE 361.62	624.13	1193920.	3.54	337496.	19121.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.92	1193817.	2.73	436856.	42764.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.33	1193708.	5.22	228714.	9758.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1193733.	5.34	223538.	4622.	14.84	0.0240	0. 88. 0.14

0DATE 11-12-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.64	1200000.	8.28	144847.	70598.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.38	1199287.	3.82	314125.	18522.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.50	1198937.	4.07	294287.	15347.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.29	1198632.	8.04	149164.	8449.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.21	1198277.	5.35	224082.	15482.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.70	1198070.	3.65	328185.	9197.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.00	1196823.	5.04	237689.	52612.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.88	1196594.	6.32	189427.	45590.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.50	1195846.	7.04	169769.	3791.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.50	1195757.	5.53	216356.	6474.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.69	1195685.	4.52	264351.	41760.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.73	1195194.	4.37	273723.	38611.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.32	1194789.	3.65	327091.	20911.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.92	1194597.	3.88	307970.	11817.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.57	1194517.	3.33	358983.	10289.	12.62	0.0210	0. 71. 0.10
MILE 361.62	624.14	1194401.	3.54	337513.	19122.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.92	1194308.	2.73	436874.	42765.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.33	1194209.	5.22	228719.	9758.	14.57	0.0230	0. 86. 0.19

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MILE 349.00 622.10 1194233. 5.34 223538. 4622. 14.84 0.0240 0. 88. 0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.64	1200000.	8.28	144856.	70602.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.38	1199343.	3.82	314153.	18523.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.50	1199022.	4.07	294317.	15348.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.30	1198741.	8.04	149177.	8449.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.21	1198414.	5.35	224108.	15483.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.71	1198224.	3.65	328228.	9197.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.00	1197074.	5.04	237720.	52617.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.88	1196863.	6.32	189455.	45593.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.51	1196174.	7.05	169789.	3791.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.50	1196092.	5.53	216378.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.69	1196026.	4.52	264374.	41765.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.73	1195574.	4.37	273745.	38613.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.32	1195203.	3.65	327112.	20912.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.92	1195026.	3.88	307984.	11817.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.57	1194954.	3.33	358998.	10289.	12.62	0.0210	0. 71. 0.10
MILE 361.62	624.14	1194847.	3.54	337529.	19122.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.92	1194762.	2.73	436891.	42766.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.33	1194674.	5.22	228723.	9758.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1194697.	5.34	223538.	4622.	14.84	0.0240	0. 88. 0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.64	1200000.	8.28	144864.	70605.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.39	1199396.	3.82	314177.	18523.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.51	1199101.	4.07	294344.	15349.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.30	1198842.	8.04	149188.	8449.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.21	1198541.	5.35	224132.	15484.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.71	1198366.	3.65	328268.	9197.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.01	1197307.	5.04	237749.	52622.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.89	1197112.	6.32	189480.	45596.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.51	1196478.	7.05	169807.	3791.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.50	1196403.	5.53	216398.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.69	1196342.	4.52	264395.	41770.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.73	1195927.	4.37	273765.	38615.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.32	1195586.	3.65	327132.	20912.	11.86	0.0210	0. 67. 0.16

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MILE 370.03	624.92	1195424.	3.88	307998.	11817.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.58	1195358.	3.33	359013.	10289.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.14	1195261.	3.54	337544.	19122.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1195184.	2.74	436906.	42767.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.33	1195104.	5.23	228727.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1195127.	5.35	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.65	1200000.	8.28	144872.	70609.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.39	1199445.	3.82	314200.	18524.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.51	1199174.	4.07	294370.	15349.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.30	1198936.	8.04	149199.	8449.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.22	1198659.	5.35	224154.	15485.	7.99	0.0270	0. 62. 0.25
MILE 403.67	635.72	1198498.	3.65	328305.	9198.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.01	1197523.	5.04	237775.	52626.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.89	1197344.	6.32	189504.	45599.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.51	1196760.	7.05	169824.	3791.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.51	1196691.	5.53	216417.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.70	1196635.	4.53	264415.	41775.	11.73	0.0210	0. 63. 0.32
MILE 378.44	625.74	1196255.	4.37	273784.	38616.	9.98	0.0210	0. 69. 0.29
MILE 374.23	625.32	1195942.	3.66	327150.	20912.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.93	1195794.	3.88	308010.	11818.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.58	1195733.	3.33	359027.	10289.	12.62	0.0210	0. 71. 0.10
MILE 361.62	624.14	1195645.	3.54	337557.	19122.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.93	1195575.	2.74	436921.	42767.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.33	1195504.	5.23	228731.	9758.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1195525.	5.35	223538.	4622.	14.84	0.0240	0. 88. 0.14

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TIME 3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.65	1200000.	8.28	144879.	70611.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.39	1199490.	3.82	314222.	18524.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.51	1199241.	4.07	294394.	15349.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.31	1199023.	8.04	149209.	8450.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.22	1198768.	5.35	224175.	15486.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.72	1198620.	3.65	328340.	9198.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.01	1197723.	5.04	237800.	52630.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.89	1197558.	6.32	189527.	45601.	8.11	0.0220	0. 72. 0.55

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MILE 391.06	628.52	1197022.	7.05	169839.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.51	1196958.	5.53	216434.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.70	1196907.	4.53	264434.	41779.	11.73	0.0210	0.	63.	0.32
MILE 378.44	625.74	1196558.	4.37	273802.	38618.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.33	1196271.	3.66	327167.	20913.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.93	1196136.	3.88	308022.	11818.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.58	1196081.	3.33	359039.	10289.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.14	1196000.	3.54	337570.	19123.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1195937.	2.74	436934.	42768.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.33	1195873.	5.23	228734.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1195894.	5.35	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.65	1200000.	8.28	144885.	70614.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.39	1199532.	3.82	314241.	18525.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.52	1199303.	4.07	294415.	15350.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.31	1199103.	8.04	149218.	8450.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.23	1198869.	5.35	224194.	15487.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.72	1198733.	3.65	328372.	9198.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.02	1197908.	5.04	237824.	52634.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.90	1197757.	6.32	189547.	45603.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.52	1197264.	7.05	169854.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.51	1197206.	5.53	216450.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.70	1197158.	4.53	264451.	41783.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.74	1196839.	4.37	273818.	38619.	9.98	0.0210	0.	69.	0.29
MILE 374.23	625.33	1196577.	3.66	327183.	20913.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.93	1196453.	3.88	308033.	11818.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.58	1196402.	3.33	359051.	10289.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.14	1196329.	3.54	337582.	19123.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1196272.	2.74	436947.	42768.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1196215.	5.23	228738.	9758.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1196235.	5.35	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.65	1200000.	8.28	144891.	70616.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.40	1199571.	3.82	314259.	18525.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.52	1199361.	4.07	294435.	15350.	7.09	0.0270	0.	64.	0.16

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 576 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 412.08	641.31	1199178.	8.04	149226.	8450.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.23	1198963.	5.35	224212.	15487.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.73	1198838.	3.65	328401.	9198.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.02	1198080.	5.04	237845.	52638.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.90	1197941.	6.32	189566.	45605.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.52	1197489.	7.05	169867.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.51	1197435.	5.53	216465.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.70	1197392.	4.53	264467.	41787.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.74	1197099.	4.37	273833.	38621.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.33	1196859.	3.66	327197.	20914.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.93	1196746.	3.88	308043.	11818.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.58	1196700.	3.33	359062.	10290.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.14	1196634.	3.54	337593.	19123.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1196582.	2.74	436959.	42769.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1196532.	5.23	228741.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1196551.	5.35	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.65	1200000.	8.28	144896.	70619.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.40	1199606.	3.82	314276.	18525.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.52	1199415.	4.07	294454.	15351.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.31	1199246.	8.04	149234.	8450.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.23	1199049.	5.35	224229.	15488.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.73	1198935.	3.65	328429.	9198.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.02	1198239.	5.04	237865.	52641.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.90	1198111.	6.32	189584.	45607.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.52	1197696.	7.05	169880.	3791.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.52	1197647.	5.53	216479.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.71	1197607.	4.53	264482.	41790.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.74	1197340.	4.37	273847.	38622.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.33	1197121.	3.66	327211.	20914.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.93	1197018.	3.89	308052.	11818.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.58	1196976.	3.33	359072.	10290.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.14	1196916.	3.55	337604.	19123.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1196869.	2.74	436969.	42770.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1196824.	5.23	228743.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1196843.	5.35	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 577 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	648.65	1200000.	8.28	144901.	70621.	10.94	0.0230	0.	73. 1.02
MILE	420.49	646.40	1199640.	3.82	314291.	18526.	8.75	0.0230	0.	67. 0.16
MILE	416.28	643.52	1199464.	4.07	294471.	15351.	7.09	0.0270	0.	64. 0.16
MILE	412.08	641.32	1199310.	8.04	149241.	8450.	11.34	0.0270	0.	65. 0.34
MILE	407.88	638.23	1199129.	5.35	224244.	15489.	8.00	0.0270	0.	62. 0.25
MILE	403.67	635.73	1199024.	3.65	328455.	9199.	5.33	0.0240	0.	62. 0.11
MILE	399.47	634.03	1198386.	5.04	237884.	52644.	8.55	0.0220	0.	70. 0.42
MILE	395.26	630.91	1198268.	6.32	189601.	45609.	8.11	0.0220	0.	72. 0.55
MILE	391.06	628.53	1197888.	7.05	169892.	3791.	11.45	0.0220	0.	62. 0.19
MILE	386.85	627.52	1197844.	5.53	216492.	6475.	11.48	0.0210	0.	68. 0.17
MILE	382.64	626.71	1197807.	4.53	264496.	41793.	11.74	0.0210	0.	64. 0.32
MILE	378.44	625.75	1197562.	4.37	273861.	38623.	9.99	0.0210	0.	69. 0.29
MILE	374.23	625.33	1197363.	3.66	327223.	20914.	11.86	0.0210	0.	67. 0.16
MILE	370.03	624.93	1197269.	3.89	308061.	11818.	12.91	0.0210	0.	75. 0.13
MILE	365.82	624.58	1197231.	3.33	359082.	10290.	12.62	0.0210	0.	71. 0.10
MILE	361.62	624.15	1197176.	3.55	337613.	19123.	11.26	0.0210	0.	79. 0.15
MILE	357.41	623.93	1197134.	2.74	436979.	42770.	9.42	0.0210	0.	87. 0.15
MILE	353.21	623.34	1197095.	5.23	228746.	9759.	14.57	0.0230	0.	86. 0.19
MILE	349.00	622.10	1197112.	5.36	223538.	4622.	14.84	0.0240	0.	88. 0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME	8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	648.65	1200000.	8.28	144906.	70623.	10.94	0.0230	0.	73. 1.02
MILE	420.49	646.40	1199670.	3.82	314305.	18526.	8.75	0.0230	0.	67. 0.16
MILE	416.28	643.52	1199510.	4.07	294487.	15351.	7.09	0.0270	0.	64. 0.16
MILE	412.08	641.32	1199369.	8.04	149248.	8450.	11.34	0.0270	0.	65. 0.34
MILE	407.88	638.24	1199203.	5.35	224258.	15490.	8.00	0.0270	0.	62. 0.25
MILE	403.67	635.73	1199107.	3.65	328478.	9199.	5.33	0.0240	0.	62. 0.11
MILE	399.47	634.03	1198522.	5.04	237901.	52647.	8.55	0.0220	0.	70. 0.42
MILE	395.26	630.91	1198414.	6.32	189616.	45611.	8.11	0.0220	0.	72. 0.55
MILE	391.06	628.53	1198066.	7.05	169903.	3792.	11.45	0.0220	0.	62. 0.19
MILE	386.85	627.52	1198025.	5.53	216504.	6475.	11.48	0.0210	0.	68. 0.17
MILE	382.64	626.71	1197992.	4.53	264508.	41796.	11.74	0.0210	0.	64. 0.32
MILE	378.44	625.75	1197768.	4.37	273873.	38624.	9.99	0.0210	0.	69. 0.29
MILE	374.23	625.33	1197586.	3.66	327235.	20914.	11.86	0.0210	0.	67. 0.16
MILE	370.03	624.94	1197501.	3.89	308069.	11818.	12.91	0.0210	0.	75. 0.13
MILE	365.82	624.58	1197466.	3.33	359091.	10290.	12.62	0.0210	0.	71. 0.10
MILE	361.62	624.15	1197417.	3.55	337622.	19124.	11.26	0.0210	0.	79. 0.15
MILE	357.41	623.93	1197380.	2.74	436989.	42770.	9.42	0.0210	0.	87. 0.15
MILE	353.21	623.34	1197345.	5.23	228748.	9759.	14.57	0.0230	0.	86. 0.19
MILE	349.00	622.10	1197361.	5.36	223538.	4622.	14.84	0.0240	0.	88. 0.14

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME	9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.66	1200000.	8.28	144910.	70624.	10.94	0.0230	0. 73. 1.02
MILE	420.49	646.40	1199698.	3.82	314317.	18526.	8.75	0.0230	0. 67. 0.16
MILE	416.28	643.53	1199552.	4.07	294501.	15351.	7.09	0.0270	0. 64. 0.16
MILE	412.08	641.32	1199423.	8.04	149254.	8451.	11.34	0.0270	0. 65. 0.34
MILE	407.88	638.24	1199271.	5.35	224271.	15490.	8.00	0.0270	0. 62. 0.25
MILE	403.67	635.74	1199183.	3.65	328500.	9199.	5.33	0.0240	0. 62. 0.11
MILE	399.47	634.03	1198647.	5.04	237917.	52650.	8.55	0.0220	0. 70. 0.42
MILE	395.26	630.91	1198549.	6.32	189630.	45612.	8.11	0.0220	0. 72. 0.55
MILE	391.06	628.53	1198230.	7.05	169913.	3792.	11.45	0.0220	0. 62. 0.19
MILE	386.85	627.52	1198193.	5.53	216516.	6475.	11.48	0.0210	0. 68. 0.17
MILE	382.64	626.71	1198162.	4.53	264520.	41799.	11.74	0.0210	0. 64. 0.32
MILE	378.44	625.75	1197959.	4.37	273884.	38625.	9.99	0.0210	0. 69. 0.29
MILE	374.23	625.34	1197793.	3.66	327246.	20915.	11.86	0.0210	0. 67. 0.16
MILE	370.03	624.94	1197715.	3.89	308077.	11818.	12.91	0.0210	0. 75. 0.13
MILE	365.82	624.59	1197684.	3.34	359099.	10290.	12.62	0.0210	0. 71. 0.10
MILE	361.62	624.15	1197640.	3.55	337630.	19124.	11.26	0.0210	0. 79. 0.15
MILE	357.41	623.93	1197606.	2.74	436997.	42771.	9.42	0.0210	0. 87. 0.15
MILE	353.21	623.34	1197575.	5.24	228751.	9759.	14.57	0.0230	0. 86. 0.19
MILE	349.00	622.10	1197591.	5.36	223538.	4622.	14.84	0.0240	0. 88. 0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME	10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.66	1200000.	8.28	144913.	70626.	10.94	0.0230	0. 73. 1.02
MILE	420.49	646.40	1199725.	3.82	314329.	18526.	8.75	0.0230	0. 67. 0.16
MILE	416.28	643.53	1199591.	4.07	294515.	15352.	7.09	0.0270	0. 64. 0.16
MILE	412.08	641.32	1199473.	8.04	149259.	8451.	11.34	0.0270	0. 65. 0.34
MILE	407.88	638.24	1199334.	5.35	224284.	15491.	8.00	0.0270	0. 62. 0.25
MILE	403.67	635.74	1199254.	3.65	328521.	9199.	5.33	0.0240	0. 62. 0.11
MILE	399.47	634.04	1198763.	5.04	237932.	52652.	8.55	0.0220	0. 70. 0.42
MILE	395.26	630.91	1198673.	6.32	189644.	45614.	8.11	0.0220	0. 72. 0.55
MILE	391.06	628.53	1198382.	7.05	169922.	3792.	11.45	0.0220	0. 62. 0.19
MILE	386.85	627.52	1198348.	5.53	216526.	6475.	11.48	0.0210	0. 68. 0.17
MILE	382.64	626.71	1198320.	4.53	264531.	41802.	11.74	0.0210	0. 64. 0.32
MILE	378.44	625.75	1198134.	4.37	273895.	38626.	9.99	0.0210	0. 69. 0.29
MILE	374.23	625.34	1197984.	3.66	327256.	20915.	11.86	0.0210	0. 67. 0.16
MILE	370.03	624.94	1197913.	3.89	308084.	11819.	12.91	0.0210	0. 75. 0.13
MILE	365.82	624.59	1197885.	3.34	359106.	10290.	12.62	0.0210	0. 71. 0.10

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
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MILE 361.62	624.15	1197845.	3.55	337638.	19124.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1197815.	2.74	437005.	42771.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1197788.	5.24	228753.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1197803.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144917.	70627.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199749.	3.82	314340.	18527.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.53	1199627.	4.07	294527.	15352.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.32	1199519.	8.04	149265.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.24	1199393.	5.35	224295.	15491.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.74	1199319.	3.65	328540.	9199.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.04	1198870.	5.04	237945.	52655.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.91	1198788.	6.32	189656.	45615.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.53	1198522.	7.05	169931.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1198491.	5.53	216536.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.71	1198465.	4.53	264542.	41804.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.75	1198297.	4.37	273904.	38627.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198160.	3.66	327265.	20915.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198096.	3.89	308090.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198070.	3.34	359113.	10290.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198034.	3.55	337645.	19124.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.93	1198007.	2.74	437013.	42772.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1197985.	5.24	228755.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1197999.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144920.	70628.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199771.	3.82	314350.	18527.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.53	1199660.	4.07	294539.	15352.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.32	1199562.	8.04	149269.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.24	1199446.	5.35	224305.	15492.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.74	1199379.	3.65	328557.	9199.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.04	1198969.	5.04	237958.	52657.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.92	1198894.	6.32	189667.	45616.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.54	1198651.	7.05	169939.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1198623.	5.54	216544.	6475.	11.48	0.0210	0.	68.	0.17

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MILE 382.64	626.71	1198600.	4.53	264551.	41806.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.75	1198446.	4.38	273913.	38628.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198322.	3.66	327274.	20915.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198264.	3.89	308096.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198241.	3.34	359120.	10290.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198209.	3.55	337652.	19124.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1198185.	2.74	437020.	42772.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1198165.	5.24	228757.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1198179.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144923.	70630.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199791.	3.82	314359.	18527.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.53	1199690.	4.07	294549.	15352.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199601.	8.04	149274.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.25	1199496.	5.35	224315.	15492.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.75	1199435.	3.65	328573.	9199.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.04	1199060.	5.04	237970.	52659.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.92	1198991.	6.32	189678.	45617.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.54	1198770.	7.05	169946.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1198744.	5.54	216553.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1198723.	4.53	264560.	41808.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.75	1198584.	4.38	273922.	38628.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198472.	3.66	327282.	20915.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198419.	3.89	308102.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198399.	3.34	359126.	10290.	12.62	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198370.	3.55	337658.	19124.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1198349.	2.74	437026.	42772.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1198332.	5.24	228758.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1198345.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144925.	70631.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199810.	3.82	314367.	18527.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.53	1199718.	4.07	294559.	15352.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199637.	8.04	149278.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.25	1199541.	5.35	224324.	15492.	8.00	0.0270	0.	62.	0.25

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MILE 403.67	635.75	1199485.	3.65	328588.	9199.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.04	1199144.	5.04	237980.	52661.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.92	1199081.	6.32	189688.	45618.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.54	1198880.	7.05	169953.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1198857.	5.54	216560.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1198838.	4.53	264568.	41810.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.75	1198711.	4.38	273930.	38629.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198610.	3.66	327289.	20916.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198562.	3.89	308107.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198544.	3.34	359131.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198518.	3.55	337663.	19124.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1198499.	2.74	437032.	42772.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1198485.	5.24	228760.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1198498.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144927.	70631.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199827.	3.82	314374.	18527.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.53	1199744.	4.07	294567.	15353.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199670.	8.04	149282.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.25	1199583.	5.35	224332.	15493.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.75	1199532.	3.65	328602.	9199.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.04	1199221.	5.04	237991.	52662.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.92	1199164.	6.32	189697.	45619.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.54	1198981.	7.05	169959.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1198960.	5.54	216567.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1198943.	4.53	264576.	41812.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1198828.	4.38	273937.	38630.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198737.	3.66	327296.	20916.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198694.	3.89	308112.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198677.	3.34	359137.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198655.	3.55	337669.	19124.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1198638.	2.74	437037.	42773.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1198626.	5.24	228761.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1198638.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	648.66	1200000.	8.28	144929.	70632.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199843.	3.82	314381.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.53	1199768.	4.07	294575.	15353.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199701.	8.04	149285.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.25	1199622.	5.35	224339.	15493.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.75	1199576.	3.65	328615.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.05	1199293.	5.04	238000.	52664.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.92	1199241.	6.32	189705.	45620.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.54	1199075.	7.05	169965.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1199055.	5.54	216574.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1199039.	4.53	264583.	41813.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1198936.	4.38	273943.	38630.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198853.	3.66	327303.	20916.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198815.	3.89	308116.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198800.	3.34	359141.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198780.	3.55	337673.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1198766.	2.74	437042.	42773.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1198756.	5.24	228763.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1198767.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.66	1200000.	8.28	144931.	70633.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199858.	3.82	314387.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199790.	4.07	294583.	15353.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199729.	8.04	149288.	8451.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.25	1199657.	5.35	224346.	15493.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.75	1199615.	3.65	328627.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.05	1199358.	5.04	238008.	52665.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.92	1199311.	6.32	189713.	45621.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.54	1199160.	7.06	169971.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.53	1199143.	5.54	216580.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1199128.	4.53	264589.	41815.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199035.	4.38	273950.	38631.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1198961.	3.66	327309.	20916.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1198926.	3.89	308120.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1198913.	3.34	359146.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1198895.	3.55	337678.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1198883.	2.74	437047.	42773.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1198875.	5.24	228764.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1198886.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

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TIME 18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.66	1200000.	8.28	144933.	70634.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.41	1199872.	3.82	314393.	18528.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199810.	4.07	294590.	15353.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.33	1199755.	8.04	149291.	8451.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.25	1199690.	5.35	224353.	15494.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.75	1199652.	3.65	328637.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.05	1199418.	5.04	238016.	52667.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.93	1199375.	6.32	189720.	45622.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.54	1199239.	7.06	169976.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.53	1199223.	5.54	216586.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.72	1199210.	4.53	264595.	41816.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199126.	4.38	273955.	38631.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.34	1199059.	3.66	327314.	20916.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.94	1199029.	3.89	308124.	11819.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.59	1199017.	3.34	359150.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.15	1199001.	3.55	337682.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1198990.	2.74	437051.	42773.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1198984.	5.24	228765.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1198995.	5.36	223538.	4622.	14.84	0.0240	0. 88. 0.14

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TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.66	1200000.	8.28	144934.	70634.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.41	1199884.	3.82	314398.	18528.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199828.	4.07	294596.	15353.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.33	1199779.	8.04	149294.	8451.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.25	1199720.	5.35	224359.	15494.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.75	1199685.	3.65	328647.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.05	1199474.	5.04	238023.	52668.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.93	1199435.	6.32	189726.	45623.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.54	1199311.	7.06	169980.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.53	1199297.	5.54	216591.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.72	1199285.	4.53	264601.	41818.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199210.	4.38	273960.	38632.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.34	1199150.	3.66	327319.	20916.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.94	1199123.	3.89	308127.	11819.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.59	1199112.	3.34	359154.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.15	1199098.	3.55	337686.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1199089.	2.74	437055.	42773.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1199084.	5.24	228766.	9759.	14.57	0.0230	0. 86. 0.19

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MILE 349.00 622.10 1199094. 5.36 223538. 4622. 14.84 0.0240 0. 88. 0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.66	1200000.	8.28	144936.	70635.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.41	1199895.	3.82	314403.	18528.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199845.	4.07	294601.	15353.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.33	1199800.	8.04	149296.	8451.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.25	1199747.	5.35	224364.	15494.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.75	1199716.	3.65	328657.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.05	1199524.	5.04	238030.	52669.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.93	1199489.	6.32	189732.	45623.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.54	1199378.	7.06	169985.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199365.	5.54	216596.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.72	1199354.	4.53	264606.	41819.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199287.	4.38	273965.	38632.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.34	1199233.	3.66	327324.	20916.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.94	1199209.	3.89	308131.	11819.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.59	1199199.	3.34	359157.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.15	1199187.	3.55	337689.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1199179.	2.74	437059.	42774.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1199176.	5.24	228767.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1199186.	5.36	223538.	4622.	14.84	0.0240	0. 88. 0.14

ODATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.66	1200000.	8.28	144937.	70635.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.41	1199906.	3.82	314407.	18528.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199860.	4.07	294607.	15353.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.33	1199820.	8.04	149298.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199772.	5.35	224369.	15494.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199744.	3.65	328665.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.05	1199571.	5.04	238036.	52670.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.93	1199539.	6.32	189738.	45624.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199439.	7.06	169989.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199427.	5.54	216600.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.72	1199418.	4.53	264610.	41820.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199357.	4.38	273970.	38632.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.34	1199309.	3.66	327328.	20916.	11.86	0.0210	0. 67. 0.16

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 370.03	624.94	1199288.	3.89	308134.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1199279.	3.34	359160.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1199269.	3.55	337693.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199262.	2.74	437062.	42774.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199260.	5.24	228768.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199269.	5.36	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144938.	70636.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199915.	3.82	314411.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199875.	4.07	294611.	15353.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199839.	8.04	149300.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199795.	5.35	224373.	15495.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199770.	3.65	328673.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.05	1199614.	5.04	238042.	52671.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.93	1199585.	6.32	189743.	45624.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199494.	7.06	169992.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199484.	5.54	216604.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1199476.	4.53	264615.	41821.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199422.	4.38	273974.	38633.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.34	1199379.	3.66	327332.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.94	1199360.	3.89	308136.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1199353.	3.34	359163.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1199344.	3.55	337696.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199338.	2.74	437065.	42774.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199337.	5.24	228769.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199346.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-13-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144939.	70636.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199924.	3.82	314415.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199888.	4.07	294616.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.33	1199855.	8.04	149302.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199816.	5.35	224378.	15495.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199794.	3.65	328680.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.05	1199653.	5.04	238047.	52672.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.93	1199627.	6.32	189748.	45625.	8.11	0.0220	0.	72.	0.55

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MILE 391.06	628.55	1199546.	7.06	169996.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199536.	5.54	216608.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1199529.	4.53	264619.	41822.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199481.	4.38	273978.	38633.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199443.	3.66	327335.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199426.	3.89	308139.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1199420.	3.34	359166.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1199412.	3.55	337698.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199408.	2.74	437068.	42774.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199408.	5.24	228769.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199415.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144940.	70637.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199932.	3.82	314418.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199899.	4.07	294620.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199870.	8.04	149304.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199835.	5.35	224381.	15495.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199815.	3.65	328687.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.05	1199688.	5.04	238052.	52673.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.93	1199665.	6.32	189752.	45625.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199592.	7.06	169999.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199584.	5.54	216611.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1199577.	4.53	264622.	41823.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199535.	4.38	273981.	38633.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199501.	3.66	327339.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199487.	3.89	308141.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1199481.	3.34	359168.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1199475.	3.55	337701.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199471.	2.74	437071.	42774.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199472.	5.24	228770.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199479.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.66	1200000.	8.28	144940.	70637.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.41	1199939.	3.82	314421.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199910.	4.07	294623.	15354.	7.09	0.0270	0.	64.	0.16

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MILE 412.08	641.34	1199884.	8.04	149306.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199853.	5.35	224385.	15495.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199835.	3.65	328693.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199721.	5.04	238057.	52673.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.93	1199700.	6.32	189756.	45626.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199635.	7.06	170002.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199628.	5.54	216614.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.72	1199622.	4.53	264626.	41823.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199584.	4.38	273984.	38634.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199555.	3.66	327342.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199542.	3.89	308143.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1199537.	3.34	359171.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.15	1199532.	3.55	337703.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199529.	2.74	437073.	42774.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199530.	5.24	228771.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199537.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.66	1200000.	8.28	144941.	70637.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199946.	3.82	314423.	18528.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199920.	4.07	294626.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199897.	8.04	149307.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199869.	5.35	224388.	15495.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199853.	3.65	328698.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199751.	5.04	238061.	52674.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.93	1199732.	6.32	189760.	45626.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199674.	7.06	170004.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199668.	5.54	216617.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199662.	4.53	264629.	41824.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199629.	4.38	273987.	38634.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199604.	3.66	327345.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199592.	3.89	308145.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.59	1199588.	3.34	359173.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199584.	3.55	337705.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199582.	2.74	437076.	42774.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199584.	5.24	228771.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199590.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

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Appendix I		Checked	WBB

TIME	3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	648.67	1200000.	8.28	144942.	70637.	10.94	0.0230	0.	73. 1.02
MILE	420.49	646.42	1199952.	3.82	314425.	18528.	8.75	0.0230	0.	67. 0.16
MILE	416.28	643.54	1199929.	4.07	294629.	15354.	7.09	0.0270	0.	64. 0.16
MILE	412.08	641.34	1199909.	8.04	149308.	8452.	11.34	0.0270	0.	65. 0.34
MILE	407.88	638.26	1199884.	5.35	224391.	15495.	8.00	0.0270	0.	62. 0.25
MILE	403.67	635.76	1199869.	3.65	328703.	9200.	5.33	0.0240	0.	62. 0.11
MILE	399.47	634.06	1199778.	5.04	238064.	52675.	8.55	0.0220	0.	70. 0.42
MILE	395.26	630.93	1199762.	6.32	189763.	45627.	8.11	0.0220	0.	72. 0.55
MILE	391.06	628.55	1199710.	7.06	170007.	3792.	11.45	0.0220	0.	62. 0.19
MILE	386.85	627.54	1199704.	5.54	216620.	6475.	11.48	0.0210	0.	68. 0.17
MILE	382.64	626.73	1199699.	4.53	264632.	41825.	11.74	0.0210	0.	64. 0.32
MILE	378.44	625.76	1199670.	4.38	273990.	38634.	9.99	0.0210	0.	69. 0.29
MILE	374.23	625.35	1199648.	3.66	327347.	20917.	11.86	0.0210	0.	67. 0.16
MILE	370.03	624.95	1199638.	3.89	308147.	11819.	12.91	0.0210	0.	75. 0.13
MILE	365.82	624.60	1199635.	3.34	359175.	10290.	12.63	0.0210	0.	71. 0.10
MILE	361.62	624.16	1199631.	3.55	337707.	19125.	11.26	0.0210	0.	79. 0.15
MILE	357.41	623.94	1199630.	2.74	437078.	42774.	9.42	0.0210	0.	87. 0.15
MILE	353.21	623.34	1199632.	5.24	228772.	9759.	14.57	0.0230	0.	86. 0.19
MILE	349.00	622.10	1199639.	5.37	223538.	4622.	14.84	0.0240	0.	88. 0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME	4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	648.67	1200000.	8.28	144942.	70638.	10.94	0.0230	0.	73. 1.02
MILE	420.49	646.42	1199957.	3.82	314428.	18529.	8.75	0.0230	0.	67. 0.16
MILE	416.28	643.54	1199937.	4.07	294632.	15354.	7.09	0.0270	0.	64. 0.16
MILE	412.08	641.34	1199919.	8.04	149309.	8452.	11.34	0.0270	0.	65. 0.34
MILE	407.88	638.26	1199897.	5.35	224394.	15496.	8.00	0.0270	0.	62. 0.25
MILE	403.67	635.76	1199884.	3.65	328708.	9200.	5.33	0.0240	0.	62. 0.11
MILE	399.47	634.06	1199803.	5.04	238068.	52675.	8.55	0.0220	0.	70. 0.42
MILE	395.26	630.93	1199788.	6.32	189766.	45627.	8.11	0.0220	0.	72. 0.55
MILE	391.06	628.55	1199743.	7.06	170009.	3792.	11.45	0.0220	0.	62. 0.19
MILE	386.85	627.54	1199737.	5.54	216622.	6475.	11.48	0.0210	0.	68. 0.17
MILE	382.64	626.73	1199733.	4.53	264634.	41825.	11.74	0.0210	0.	64. 0.32
MILE	378.44	625.76	1199708.	4.38	273992.	38634.	9.99	0.0210	0.	69. 0.29
MILE	374.23	625.35	1199688.	3.66	327350.	20917.	11.86	0.0210	0.	67. 0.16
MILE	370.03	624.95	1199680.	3.89	308149.	11819.	12.91	0.0210	0.	75. 0.13
MILE	365.82	624.60	1199677.	3.34	359177.	10290.	12.63	0.0210	0.	71. 0.10
MILE	361.62	624.16	1199674.	3.55	337709.	19125.	11.26	0.0210	0.	79. 0.15
MILE	357.41	623.94	1199673.	2.74	437079.	42775.	9.42	0.0210	0.	87. 0.15
MILE	353.21	623.34	1199676.	5.24	228772.	9759.	14.57	0.0230	0.	86. 0.19
MILE	349.00	622.10	1199682.	5.37	223538.	4622.	14.84	0.0240	0.	88. 0.14

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Appendix I		Checked	WBB

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME	5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.67	1200000.	8.28	144943.	70638.	10.94	0.0230	0. 73. 1.02
MILE	420.49	646.42	1199962.	3.82	314429.	18529.	8.75	0.0230	0. 67. 0.16
MILE	416.28	643.54	1199945.	4.07	294634.	15354.	7.09	0.0270	0. 64. 0.16
MILE	412.08	641.34	1199929.	8.04	149310.	8452.	11.34	0.0270	0. 65. 0.34
MILE	407.88	638.26	1199909.	5.35	224396.	15496.	8.00	0.0270	0. 62. 0.25
MILE	403.67	635.76	1199898.	3.65	328712.	9200.	5.33	0.0240	0. 62. 0.11
MILE	399.47	634.06	1199826.	5.04	238071.	52676.	8.55	0.0220	0. 70. 0.42
MILE	395.26	630.93	1199813.	6.32	189769.	45627.	8.11	0.0220	0. 72. 0.55
MILE	391.06	628.55	1199772.	7.06	170011.	3792.	11.45	0.0220	0. 62. 0.19
MILE	386.85	627.54	1199768.	5.54	216625.	6475.	11.48	0.0210	0. 68. 0.17
MILE	382.64	626.73	1199764.	4.53	264637.	41826.	11.74	0.0210	0. 64. 0.32
MILE	378.44	625.76	1199742.	4.38	273995.	38635.	9.99	0.0210	0. 69. 0.29
MILE	374.23	625.35	1199725.	3.66	327352.	20917.	11.86	0.0210	0. 67. 0.16
MILE	370.03	624.95	1199718.	3.89	308150.	11819.	12.91	0.0210	0. 75. 0.13
MILE	365.82	624.60	1199716.	3.34	359178.	10290.	12.63	0.0210	0. 71. 0.10
MILE	361.62	624.16	1199714.	3.55	337711.	19125.	11.26	0.0210	0. 79. 0.15
MILE	357.41	623.94	1199713.	2.74	437081.	42775.	9.42	0.0210	0. 87. 0.15
MILE	353.21	623.34	1199717.	5.24	228773.	9759.	14.57	0.0230	0. 86. 0.19
MILE	349.00	622.10	1199722.	5.37	223538.	4622.	14.84	0.0240	0. 88. 0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME	6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.67	1200000.	8.28	144943.	70638.	10.94	0.0230	0. 73. 1.02
MILE	420.49	646.42	1199967.	3.82	314431.	18529.	8.75	0.0230	0. 67. 0.16
MILE	416.28	643.54	1199951.	4.07	294636.	15354.	7.09	0.0270	0. 64. 0.16
MILE	412.08	641.34	1199938.	8.04	149311.	8452.	11.34	0.0270	0. 65. 0.34
MILE	407.88	638.26	1199920.	5.35	224399.	15496.	8.00	0.0270	0. 62. 0.25
MILE	403.67	635.76	1199910.	3.65	328716.	9200.	5.33	0.0240	0. 62. 0.11
MILE	399.47	634.06	1199846.	5.04	238074.	52676.	8.55	0.0220	0. 70. 0.42
MILE	395.26	630.93	1199835.	6.32	189772.	45627.	8.11	0.0220	0. 72. 0.55
MILE	391.06	628.55	1199799.	7.06	170013.	3792.	11.45	0.0220	0. 62. 0.19
MILE	386.85	627.54	1199795.	5.54	216627.	6475.	11.48	0.0210	0. 68. 0.17
MILE	382.64	626.73	1199792.	4.53	264639.	41826.	11.74	0.0210	0. 64. 0.32
MILE	378.44	625.76	1199773.	4.38	273997.	38635.	9.99	0.0210	0. 69. 0.29
MILE	374.23	625.35	1199759.	3.67	327354.	20917.	11.86	0.0210	0. 67. 0.16
MILE	370.03	624.95	1199753.	3.89	308152.	11819.	12.91	0.0210	0. 75. 0.13
MILE	365.82	624.60	1199751.	3.34	359180.	10290.	12.63	0.0210	0. 71. 0.10

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 361.62	624.16	1199749.	3.55	337712.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199749.	2.74	437083.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199753.	5.24	228773.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199758.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144943.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1199971.	3.82	314432.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199958.	4.07	294638.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1199945.	8.04	149312.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199930.	5.35	224401.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199921.	3.65	328720.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1199865.	5.04	238076.	52677.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.93	1199855.	6.32	189774.	45628.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199824.	7.06	170014.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199820.	5.54	216629.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1199817.	4.53	264641.	41827.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199801.	4.38	273999.	38635.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1199789.	3.67	327356.	20917.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.95	1199784.	3.89	308153.	11819.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.60	1199782.	3.34	359181.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.16	1199782.	3.55	337714.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1199782.	2.74	437084.	42775.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1199786.	5.24	228774.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1199791.	5.37	223538.	4622.	14.84	0.0240	0. 88. 0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144943.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1199975.	3.82	314434.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199963.	4.07	294640.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1199953.	8.04	149313.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199939.	5.35	224402.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199932.	3.65	328723.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1199882.	5.04	238079.	52677.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.93	1199873.	6.32	189777.	45628.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199846.	7.06	170016.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199843.	5.54	216630.	6475.	11.48	0.0210	0. 68. 0.17

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MILE 382.64	626.73	1199840.	4.53	264643.	41827.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199826.	4.38	274000.	38635.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199816.	3.67	327357.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199812.	3.89	308154.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199811.	3.34	359182.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199811.	3.55	337715.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199811.	2.75	437085.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199816.	5.24	228774.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199820.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199978.	3.82	314435.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199968.	4.07	294642.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199959.	8.04	149314.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199947.	5.35	224404.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199941.	3.65	328726.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199897.	5.04	238081.	52677.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.93	1199890.	6.32	189779.	45628.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199866.	7.06	170017.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199863.	5.54	216632.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199861.	4.53	264644.	41828.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199850.	4.38	274002.	38635.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199841.	3.67	327359.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199838.	3.89	308155.	11819.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199837.	3.34	359183.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199837.	3.55	337716.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199838.	2.75	437087.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199843.	5.24	228774.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199847.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199981.	3.82	314436.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199973.	4.07	294643.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199965.	8.04	149314.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199955.	5.35	224406.	15496.	8.00	0.0270	0.	62.	0.25

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 592 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 403.67	635.76	1199949.	3.65	328728.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199911.	5.04	238083.	52678.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199905.	6.32	189780.	45628.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199884.	7.06	170019.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199882.	5.54	216633.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199880.	4.53	264646.	41828.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199871.	4.38	274004.	38635.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199864.	3.67	327360.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199861.	3.89	308156.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199861.	3.34	359184.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199861.	3.55	337717.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199862.	2.75	437088.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199867.	5.24	228775.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199871.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199984.	3.82	314437.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199977.	4.07	294644.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199970.	8.04	149315.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199962.	5.35	224407.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199957.	3.65	328731.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199924.	5.04	238085.	52678.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199918.	6.32	189782.	45629.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199901.	7.06	170020.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199899.	5.54	216635.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199897.	4.53	264647.	41828.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199889.	4.38	274005.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199884.	3.67	327362.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199882.	3.89	308157.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199882.	3.34	359185.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199883.	3.55	337718.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199884.	2.75	437089.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199889.	5.24	228775.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199893.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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Appendix I		Checked	WBB

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199987.	3.82	314438.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199981.	4.07	294646.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199975.	8.04	149315.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199968.	5.35	224408.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199963.	3.65	328733.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199935.	5.04	238086.	52678.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199930.	6.32	189784.	45629.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199916.	7.06	170021.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199914.	5.54	216636.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199913.	4.53	264649.	41829.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199906.	4.38	274006.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199902.	3.67	327363.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199901.	3.89	308158.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199901.	3.34	359186.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199902.	3.55	337719.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199904.	2.75	437090.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199908.	5.24	228775.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199912.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199989.	3.82	314438.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199984.	4.07	294647.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199979.	8.04	149316.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199973.	5.35	224409.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199969.	3.65	328735.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199946.	5.04	238088.	52679.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199941.	6.32	189785.	45629.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199929.	7.06	170022.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199928.	5.54	216637.	6475.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199927.	4.53	264650.	41829.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199922.	4.38	274007.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199919.	3.67	327364.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199918.	3.89	308158.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199918.	3.34	359187.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199919.	3.55	337720.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199921.	2.75	437090.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199926.	5.24	228775.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199929.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1199991.	3.82	314439.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199987.	4.07	294647.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1199983.	8.04	149316.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199978.	5.35	224410.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199975.	3.65	328737.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1199955.	5.04	238089.	52679.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.94	1199951.	6.32	189786.	45629.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199941.	7.06	170023.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199940.	5.54	216638.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1199939.	4.53	264651.	41829.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199935.	4.38	274008.	38636.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1199934.	3.67	327365.	20917.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.95	1199933.	3.89	308159.	11820.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.60	1199934.	3.34	359188.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.16	1199935.	3.55	337720.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1199937.	2.75	437091.	42775.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1199941.	5.25	228776.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1199945.	5.37	223538.	4622.	14.84	0.0240	0. 88. 0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1199993.	3.82	314439.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199990.	4.07	294648.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1199987.	8.04	149317.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199982.	5.35	224411.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199980.	3.65	328739.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1199963.	5.04	238090.	52679.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.94	1199960.	6.32	189787.	45629.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199952.	7.06	170024.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199951.	5.54	216639.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1199950.	4.53	264652.	41829.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199948.	4.38	274009.	38636.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1199947.	3.67	327366.	20917.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.95	1199947.	3.89	308160.	11820.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.60	1199947.	3.34	359188.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.16	1199949.	3.55	337721.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1199951.	2.75	437092.	42775.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1199955.	5.25	228776.	9759.	14.57	0.0230	0. 86. 0.19

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MILE 349.00 622.10 1199959. 5.37 223538. 4622. 14.84 0.0240 0. 88. 0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1199994.	3.82	314440.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199992.	4.07	294649.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1199990.	8.04	149317.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199986.	5.35	224412.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199984.	3.65	328740.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1199970.	5.04	238092.	52679.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.94	1199968.	6.32	189788.	45629.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199961.	7.06	170024.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199961.	5.54	216640.	6475.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1199960.	4.53	264653.	41830.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199959.	4.38	274010.	38636.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1199959.	3.67	327366.	20917.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.95	1199959.	3.89	308160.	11820.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.60	1199960.	3.34	359189.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.16	1199961.	3.55	337722.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1199963.	2.75	437092.	42775.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1199968.	5.25	228776.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1199971.	5.37	223538.	4622.	14.84	0.0240	0. 88. 0.14

ODATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1199996.	3.82	314440.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1199994.	4.07	294650.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1199992.	8.04	149317.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1199990.	5.35	224413.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1199988.	3.65	328742.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1199977.	5.04	238093.	52679.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.94	1199975.	6.32	189789.	45629.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1199970.	7.06	170025.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1199970.	5.54	216640.	6476.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1199969.	4.53	264653.	41830.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1199969.	4.38	274011.	38636.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1199969.	3.67	327367.	20917.	11.86	0.0210	0. 67. 0.16

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MILE 370.03	624.95	1199970.	3.89	308161.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199970.	3.34	359190.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199972.	3.55	337722.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199974.	2.75	437093.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199979.	5.25	228776.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199982.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199997.	3.82	314440.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199996.	4.07	294650.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199995.	8.04	149318.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199993.	5.35	224414.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199992.	3.65	328743.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199983.	5.04	238093.	52680.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199981.	6.32	189790.	45629.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199978.	7.06	170026.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199977.	5.54	216641.	6476.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199977.	4.53	264654.	41830.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199977.	4.38	274011.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199978.	3.67	327368.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199979.	3.89	308161.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199980.	3.34	359190.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199982.	3.55	337723.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199984.	2.75	437094.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199989.	5.25	228776.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1199991.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199998.	3.82	314441.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199998.	4.07	294651.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199997.	8.04	149318.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199995.	5.35	224414.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199995.	3.65	328744.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199988.	5.04	238094.	52680.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199987.	6.32	189791.	45629.	8.11	0.0220	0.	72.	0.55

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MILE 391.06	628.55	1199985.	7.06	170026.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199984.	5.54	216642.	6476.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199984.	4.53	264655.	41830.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199985.	4.38	274012.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199987.	3.67	327368.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199988.	3.89	308162.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199989.	3.34	359190.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199991.	3.55	337723.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1199993.	2.75	437094.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1199997.	5.25	228776.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1200000.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1199999.	3.82	314441.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1199999.	4.07	294651.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1199999.	8.04	149318.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1199998.	5.35	224415.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1199997.	3.65	328745.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199993.	5.04	238095.	52680.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199992.	6.32	189792.	45630.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199991.	7.06	170027.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199990.	5.54	216642.	6476.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199991.	4.53	264655.	41830.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199992.	4.38	274013.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1199994.	3.67	327369.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1199995.	3.89	308162.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1199996.	3.34	359191.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1199998.	3.55	337723.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1200000.	2.75	437094.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1200005.	5.25	228777.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1200007.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1200000.	3.82	314441.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1200000.	4.07	294651.	15354.	7.09	0.0270	0.	64.	0.16

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MILE 412.08	641.34	1200000.	8.04	149318.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1200000.	5.35	224415.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1200000.	3.65	328746.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1199997.	5.04	238096.	52680.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1199996.	6.32	189792.	45630.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1199996.	7.06	170027.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1199996.	5.54	216643.	6476.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199996.	4.53	264656.	41830.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1199998.	4.38	274013.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1200000.	3.67	327369.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1200002.	3.89	308162.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1200003.	3.34	359191.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1200005.	3.55	337724.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1200007.	2.75	437095.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1200011.	5.25	228777.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1200013.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

0DATE 11-14-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0.	73.	1.02
MILE 420.49	646.42	1200001.	3.82	314441.	18529.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.54	1200001.	4.07	294652.	15354.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.34	1200002.	8.04	149318.	8452.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.26	1200002.	5.35	224416.	15496.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.76	1200002.	3.65	328746.	9200.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1200000.	5.04	238096.	52680.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1200000.	6.32	189793.	45630.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1200001.	7.06	170028.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.54	1200001.	5.54	216643.	6476.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1200001.	4.53	264656.	41830.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.76	1200003.	4.38	274014.	38636.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.35	1200006.	3.67	327370.	20917.	11.86	0.0210	0.	67.	0.16
MILE 370.03	624.95	1200008.	3.89	308163.	11820.	12.91	0.0210	0.	75.	0.13
MILE 365.82	624.60	1200009.	3.34	359192.	10290.	12.63	0.0210	0.	71.	0.10
MILE 361.62	624.16	1200011.	3.55	337724.	19125.	11.26	0.0210	0.	79.	0.15
MILE 357.41	623.94	1200013.	2.75	437095.	42775.	9.42	0.0210	0.	87.	0.15
MILE 353.21	623.34	1200017.	5.25	228777.	9759.	14.57	0.0230	0.	86.	0.19
MILE 349.00	622.10	1200019.	5.37	223538.	4622.	14.84	0.0240	0.	88.	0.14

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TIME 23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1200001.	3.82	314441.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1200002.	4.07	294652.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1200003.	8.04	149318.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1200003.	5.35	224416.	15496.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1200004.	3.65	328747.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1200003.	5.04	238097.	52680.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.94	1200003.	6.32	189793.	45630.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1200005.	7.06	170028.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1200005.	5.54	216643.	6476.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1200005.	4.53	264657.	41831.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1200008.	4.38	274014.	38636.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1200011.	3.67	327370.	20917.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.95	1200013.	3.89	308163.	11820.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.60	1200014.	3.34	359192.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.16	1200016.	3.55	337724.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1200018.	2.75	437095.	42775.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1200022.	5.25	228777.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1200024.	5.37	223538.	4622.	14.84	0.0240	0. 88. 0.14

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.67	1200000.	8.28	144944.	70638.	10.94	0.0230	0. 73. 1.02
MILE 420.49	646.42	1200002.	3.82	314441.	18529.	8.75	0.0230	0. 67. 0.16
MILE 416.28	643.54	1200003.	4.07	294652.	15354.	7.09	0.0270	0. 64. 0.16
MILE 412.08	641.34	1200004.	8.04	149318.	8452.	11.34	0.0270	0. 65. 0.34
MILE 407.88	638.26	1200005.	5.35	224416.	15497.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.76	1200005.	3.65	328748.	9200.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.06	1200006.	5.04	238097.	52680.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.94	1200006.	6.32	189794.	45630.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.55	1200008.	7.06	170028.	3792.	11.45	0.0220	0. 62. 0.19
MILE 386.85	627.54	1200008.	5.54	216644.	6476.	11.48	0.0210	0. 68. 0.17
MILE 382.64	626.73	1200009.	4.53	264657.	41831.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.76	1200012.	4.38	274014.	38636.	9.99	0.0210	0. 69. 0.29
MILE 374.23	625.35	1200015.	3.67	327370.	20917.	11.86	0.0210	0. 67. 0.16
MILE 370.03	624.95	1200017.	3.89	308163.	11820.	12.91	0.0210	0. 75. 0.13
MILE 365.82	624.60	1200018.	3.34	359192.	10290.	12.63	0.0210	0. 71. 0.10
MILE 361.62	624.16	1200020.	3.55	337725.	19125.	11.26	0.0210	0. 79. 0.15
MILE 357.41	623.94	1200022.	2.75	437096.	42775.	9.42	0.0210	0. 87. 0.15
MILE 353.21	623.34	1200026.	5.25	228777.	9759.	14.57	0.0230	0. 86. 0.19
MILE 349.00	622.10	1200028.	5.37	223538.	4622.	14.84	0.0240	0. 88. 0.14

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TIME	1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.67	1204167.	8.31	144971.	70650.	10.94	0.0230	0. 73. 1.02
MILE	420.49	646.42	1201627.	3.82	314481.	18530.	8.75	0.0230	0. 67. 0.16
MILE	416.28	643.55	1200585.	4.07	294665.	15354.	7.09	0.0270	0. 64. 0.16
MILE	412.08	641.34	1200139.	8.04	149321.	8452.	11.34	0.0270	0. 65. 0.34
MILE	407.88	638.26	1200036.	5.35	224417.	15497.	8.00	0.0270	0. 62. 0.25
MILE	403.67	635.77	1200015.	3.65	328749.	9200.	5.33	0.0240	0. 62. 0.11
MILE	399.47	634.06	1200009.	5.04	238098.	52680.	8.55	0.0220	0. 70. 0.42
MILE	395.26	630.94	1200009.	6.32	189794.	45630.	8.11	0.0220	0. 72. 0.55
MILE	391.06	628.55	1200011.	7.06	170029.	3792.	11.45	0.0220	0. 62. 0.19
MILE	386.85	627.54	1200012.	5.54	216644.	6476.	11.48	0.0210	0. 68. 0.17
MILE	382.64	626.73	1200012.	4.53	264658.	41831.	11.74	0.0210	0. 64. 0.32
MILE	378.44	625.76	1200016.	4.38	274015.	38636.	9.99	0.0210	0. 69. 0.29
MILE	374.23	625.35	1200023.	3.67	327371.	20917.	11.86	0.0210	0. 67. 0.16
MILE	370.03	624.95	1200024.	3.89	308166.	11820.	12.91	0.0210	0. 75. 0.13
MILE	365.82	624.60	1199914.	3.34	359204.	10291.	12.63	0.0210	0. 71. 0.10
MILE	361.62	624.16	1198924.	3.55	337774.	19126.	11.26	0.0210	0. 79. 0.15
MILE	357.41	623.96	1195476.	2.73	437239.	42782.	9.42	0.0210	0. 87. 0.15
MILE	353.21	623.38	1186021.	5.18	228939.	9762.	14.58	0.0230	0. 86. 0.19
MILE	349.00	622.20	1181041.	5.27	223947.	4624.	14.86	0.0240	0. 88. 0.13

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TIME	2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	648.69	1208333.	8.33	145029.	70674.	10.94	0.0230	0. 73. 1.02
MILE	420.49	646.43	1203953.	3.83	314592.	18532.	8.75	0.0230	0. 67. 0.16
MILE	416.28	643.55	1202076.	4.08	294730.	15356.	7.09	0.0270	0. 64. 0.16
MILE	412.08	641.35	1201016.	8.04	149339.	8452.	11.34	0.0270	0. 65. 0.34
MILE	407.88	638.27	1200492.	5.35	224432.	15497.	8.00	0.0270	0. 62. 0.25
MILE	403.67	635.77	1200322.	3.65	328758.	9201.	5.33	0.0240	0. 62. 0.11
MILE	399.47	634.06	1200064.	5.04	238100.	52681.	8.55	0.0220	0. 70. 0.42
MILE	395.26	630.94	1200034.	6.32	189795.	45630.	8.11	0.0220	0. 72. 0.55
MILE	391.06	628.55	1200025.	7.06	170029.	3792.	11.45	0.0220	0. 62. 0.19
MILE	386.85	627.54	1200037.	5.54	216645.	6476.	11.48	0.0210	0. 68. 0.17
MILE	382.64	626.73	1200055.	4.53	264660.	41831.	11.74	0.0210	0. 64. 0.32
MILE	378.44	625.77	1199970.	4.38	274030.	38638.	9.99	0.0210	0. 69. 0.29
MILE	374.23	625.36	1197986.	3.66	327437.	20919.	11.86	0.0210	0. 67. 0.16
MILE	370.03	624.97	1194660.	3.88	308277.	11821.	12.91	0.0210	0. 75. 0.13
MILE	365.82	624.63	1192283.	3.32	359421.	10292.	12.63	0.0210	0. 71. 0.10

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MILE 361.62	624.20	1186814.	3.51	338162.	19133.	11.26	0.0210	0.	79.	0.15
MILE 357.41	624.00	1180075.	2.70	437759.	42806.	9.42	0.0210	0.	88.	0.15
MILE 353.21	623.45	1167123.	5.09	229209.	9766.	14.59	0.0230	0.	87.	0.19
MILE 349.00	622.31	1161365.	5.18	224357.	4626.	14.88	0.0240	0.	88.	0.13

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.71	1212500.	8.36	145113.	70708.	10.94	0.0230	0.	73.	1.03
MILE 420.49	646.45	1206588.	3.83	314760.	18536.	8.75	0.0230	0.	67.	0.16
MILE 416.28	643.57	1203980.	4.08	294842.	15358.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.36	1202373.	8.05	149372.	8453.	11.34	0.0270	0.	65.	0.34
MILE 407.88	638.27	1201435.	5.35	224466.	15499.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.77	1201097.	3.65	328787.	9201.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.06	1200326.	5.04	238109.	52682.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1200233.	6.32	189798.	45630.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.55	1200055.	7.06	170038.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.55	1199854.	5.54	216664.	6476.	11.48	0.0210	0.	68.	0.17
MILE 382.64	626.73	1199499.	4.53	264698.	41840.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.78	1194928.	4.36	274167.	38650.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.38	1187429.	3.62	327677.	20924.	11.86	0.0210	0.	67.	0.16
MILE 370.03	625.00	1182462.	3.83	308523.	11824.	12.92	0.0210	0.	75.	0.13
MILE 365.82	624.67	1179544.	3.28	359783.	10294.	12.64	0.0210	0.	71.	0.10
MILE 361.62	624.26	1173274.	3.46	338693.	19143.	11.26	0.0210	0.	79.	0.15
MILE 357.41	624.06	1166007.	2.66	438428.	42836.	9.43	0.0210	0.	88.	0.15
MILE 353.21	623.52	1152438.	5.02	229516.	9772.	14.60	0.0230	0.	87.	0.18
MILE 349.00	622.41	1146670.	5.10	224767.	4628.	14.90	0.0240	0.	88.	0.13

0DATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.74	1216667.	8.38	145218.	70751.	10.95	0.0230	0.	73.	1.03
MILE 420.49	646.48	1209436.	3.84	314977.	18540.	8.76	0.0230	0.	67.	0.16
MILE 416.28	643.59	1206199.	4.09	294997.	15361.	7.09	0.0270	0.	64.	0.16
MILE 412.08	641.37	1204111.	8.06	149420.	8454.	11.35	0.0270	0.	65.	0.34
MILE 407.88	638.28	1202780.	5.36	224522.	15501.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.77	1202266.	3.66	328838.	9201.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.07	1200775.	5.04	238130.	52686.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.94	1200482.	6.32	189815.	45632.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.56	1198534.	7.05	170088.	3792.	11.45	0.0220	0.	62.	0.19
MILE 386.85	627.56	1197881.	5.53	216752.	6476.	11.49	0.0210	0.	68.	0.17

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MILE 382.64	626.75	1197016.	4.52	264836.	41872.	11.74	0.0210	0.	64.	0.32
MILE 378.44	625.82	1188399.	4.33	274431.	38673.	9.99	0.0210	0.	69.	0.29
MILE 374.23	625.42	1177799.	3.59	328019.	20932.	11.87	0.0210	0.	67.	0.16
MILE 370.03	625.05	1171661.	3.79	308833.	11828.	12.93	0.0210	0.	75.	0.13
MILE 365.82	624.72	1168236.	3.24	360206.	10297.	12.65	0.0210	0.	72.	0.10
MILE 361.62	624.32	1161241.	3.42	339274.	19153.	11.27	0.0210	0.	79.	0.14
MILE 357.41	624.12	1153530.	2.63	439143.	42869.	9.43	0.0210	0.	88.	0.14
MILE 353.21	623.60	1139511.	4.96	229835.	9777.	14.61	0.0230	0.	87.	0.18
MILE 349.00	622.52	1133861.	5.04	225177.	4630.	14.91	0.0240	0.	88.	0.13

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TIME 5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.78	1220833.	8.40	145342.	70802.	10.95	0.0230	0. 73. 1.03
MILE 420.49	646.51	1212458.	3.85	315238.	18546.	8.76	0.0230	0. 68. 0.16
MILE 416.28	643.61	1208669.	4.09	295192.	15364.	7.10	0.0270	0. 64. 0.16
MILE 412.08	641.39	1206149.	8.07	149482.	8455.	11.35	0.0270	0. 65. 0.34
MILE 407.88	638.29	1204423.	5.36	224599.	15505.	8.00	0.0270	0. 62. 0.25
MILE 403.67	635.78	1203696.	3.66	328917.	9202.	5.33	0.0240	0. 62. 0.11
MILE 399.47	634.07	1200995.	5.04	238171.	52693.	8.55	0.0220	0. 70. 0.42
MILE 395.26	630.95	1200354.	6.32	189862.	45637.	8.11	0.0220	0. 72. 0.55
MILE 391.06	628.58	1195970.	7.03	170193.	3793.	11.46	0.0220	0. 62. 0.18
MILE 386.85	627.59	1194969.	5.51	216913.	6477.	11.49	0.0210	0. 68. 0.17
MILE 382.64	626.78	1193791.	4.50	265063.	41924.	11.74	0.0210	0. 64. 0.32
MILE 378.44	625.86	1183109.	4.31	274770.	38702.	10.00	0.0210	0. 69. 0.28
MILE 374.23	625.47	1170648.	3.56	328428.	20941.	11.87	0.0210	0. 67. 0.16
MILE 370.03	625.10	1163394.	3.76	309189.	11833.	12.94	0.0210	0. 75. 0.13
MILE 365.82	624.78	1159438.	3.21	360681.	10301.	12.66	0.0210	0. 72. 0.10
MILE 361.62	624.38	1151640.	3.39	339908.	19165.	11.27	0.0210	0. 79. 0.14
MILE 357.41	624.19	1143277.	2.60	439912.	42904.	9.44	0.0210	0. 88. 0.14
MILE 353.21	623.68	1128304.	4.90	230167.	9783.	14.63	0.0230	0. 87. 0.18
MILE 349.00	622.62	1122542.	4.98	225587.	4631.	14.93	0.0240	0. 88. 0.13

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	648.82	1225000.	8.42	145482.	70860.	10.95	0.0230	0. 73. 1.04
MILE 420.49	646.55	1215609.	3.85	315538.	18552.	8.76	0.0230	0. 68. 0.16
MILE 416.28	643.64	1211326.	4.10	295422.	15368.	7.10	0.0270	0. 64. 0.16
MILE 412.08	641.41	1208397.	8.08	149557.	8457.	11.35	0.0270	0. 65. 0.34
MILE 407.88	638.31	1206241.	5.37	224698.	15509.	8.00	0.0270	0. 62. 0.25

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MILE 403.67	635.80	1205254.	3.66	329029.	9202.	5.33	0.0240	0.	62.	0.11
MILE 399.47	634.08	1200914.	5.04	238237.	52704.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.96	1199891.	6.32	189947.	45646.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.61	1193497.	7.01	170334.	3793.	11.46	0.0220	0.	62.	0.18
MILE 386.85	627.62	1192233.	5.49	217122.	6477.	11.49	0.0210	0.	69.	0.17
MILE 382.64	626.82	1190822.	4.49	265345.	41989.	11.75	0.0210	0.	64.	0.31
MILE 378.44	625.90	1178462.	4.28	275168.	38737.	10.00	0.0210	0.	70.	0.28
MILE 374.23	625.52	1164546.	3.54	328896.	20952.	11.88	0.0210	0.	67.	0.16
MILE 370.03	625.16	1156497.	3.74	309587.	11838.	12.95	0.0210	0.	75.	0.13
MILE 365.82	624.84	1152192.	3.19	361202.	10304.	12.67	0.0210	0.	72.	0.09
MILE 361.62	624.45	1143785.	3.36	340592.	19177.	11.28	0.0210	0.	79.	0.14
MILE 357.41	624.27	1134809.	2.57	440738.	42942.	9.44	0.0210	0.	88.	0.14
MILE 353.21	623.76	1118891.	4.85	230514.	9788.	14.64	0.0230	0.	87.	0.18
MILE 349.00	622.72	1113035.	4.92	225997.	4633.	14.95	0.0240	0.	88.	0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	648.86	1229167.	8.44	145636.	70923.	10.95	0.0230	0.	73.	1.04
MILE 420.49	646.59	1218847.	3.86	315871.	18559.	8.77	0.0230	0.	68.	0.16
MILE 416.28	643.67	1214104.	4.11	295685.	15373.	7.10	0.0270	0.	64.	0.16
MILE 412.08	641.44	1210778.	8.09	149645.	8459.	11.35	0.0270	0.	65.	0.34
MILE 407.88	638.33	1208165.	5.37	224820.	15514.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.81	1206897.	3.67	329180.	9203.	5.33	0.0240	0.	63.	0.11
MILE 399.47	634.10	1200773.	5.04	238334.	52720.	8.55	0.0220	0.	70.	0.42
MILE 395.26	630.98	1199379.	6.31	190067.	45659.	8.11	0.0220	0.	72.	0.55
MILE 391.06	628.65	1191343.	6.99	170505.	3794.	11.46	0.0220	0.	62.	0.18
MILE 386.85	627.66	1189859.	5.47	217368.	6478.	11.50	0.0210	0.	69.	0.17
MILE 382.64	626.87	1188248.	4.47	265673.	42064.	11.75	0.0210	0.	64.	0.31
MILE 378.44	625.96	1174354.	4.26	275614.	38776.	10.00	0.0210	0.	70.	0.28
MILE 374.23	625.58	1159056.	3.52	329412.	20963.	11.89	0.0210	0.	67.	0.16
MILE 370.03	625.22	1150328.	3.71	310019.	11843.	12.96	0.0210	0.	75.	0.13
MILE 365.82	624.91	1145733.	3.17	361762.	10308.	12.68	0.0210	0.	72.	0.09
MILE 361.62	624.53	1136840.	3.33	341319.	19190.	11.28	0.0210	0.	79.	0.14
MILE 357.41	624.34	1127447.	2.55	441610.	42981.	9.45	0.0210	0.	88.	0.14
MILE 353.21	623.85	1110989.	4.81	230871.	9794.	14.65	0.0230	0.	87.	0.17
MILE 349.00	622.83	1105115.	4.88	226407.	4635.	14.96	0.0240	0.	88.	0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	648.91	1233333.	8.46	145804.	70992.	10.95	0.0230	0.	73.	1.04
MILE 420.49	646.63	1222140.	3.86	316238.	18567.	8.77	0.0230	0.	68.	0.17
MILE 416.28	643.71	1216962.	4.11	295979.	15378.	7.10	0.0270	0.	65.	0.17
MILE 412.08	641.47	1213250.	8.10	149746.	8461.	11.36	0.0270	0.	65.	0.34
MILE 407.88	638.36	1210180.	5.38	224968.	15521.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.83	1208631.	3.67	329374.	9205.	5.33	0.0240	0.	63.	0.11
MILE 399.47	634.12	1200731.	5.04	238462.	52741.	8.56	0.0220	0.	70.	0.42
MILE 395.26	631.01	1198981.	6.30	190221.	45675.	8.11	0.0220	0.	73.	0.54
MILE 391.06	628.68	1189462.	6.97	170704.	3795.	11.46	0.0220	0.	62.	0.18
MILE 386.85	627.70	1187776.	5.46	217649.	6479.	11.50	0.0210	0.	69.	0.17
MILE 382.64	626.92	1185980.	4.46	266040.	42149.	11.76	0.0210	0.	64.	0.31
MILE 378.44	626.02	1170708.	4.24	276101.	38818.	10.01	0.0210	0.	70.	0.28
MILE 374.23	625.65	1154223.	3.50	329969.	20975.	11.89	0.0210	0.	67.	0.16
MILE 370.03	625.29	1144938.	3.69	310479.	11849.	12.97	0.0210	0.	75.	0.13
MILE 365.82	624.98	1140099.	3.15	362353.	10312.	12.69	0.0210	0.	72.	0.09
MILE 361.62	624.60	1130823.	3.31	342078.	19203.	11.29	0.0210	0.	79.	0.14
MILE 357.41	624.42	1121114.	2.53	442518.	43023.	9.45	0.0210	0.	88.	0.14
MILE 353.21	623.93	1104251.	4.78	231237.	9801.	14.67	0.0230	0.	87.	0.17
MILE 349.00	622.93	1098356.	4.84	226817.	4637.	14.98	0.0240	0.	88.	0.12

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TIME 9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	648.96	1237500.	8.48	145984.	71066.	10.96	0.0230	0.	73.	1.04
MILE 420.49	646.67	1225474.	3.87	316635.	18575.	8.77	0.0230	0.	68.	0.17
MILE 416.28	643.75	1219881.	4.12	296304.	15384.	7.11	0.0270	0.	65.	0.17
MILE 412.08	641.51	1215799.	8.11	149859.	8463.	11.36	0.0270	0.	65.	0.34
MILE 407.88	638.39	1212283.	5.38	225141.	15528.	8.00	0.0270	0.	62.	0.25
MILE 403.67	635.86	1210461.	3.67	329610.	9206.	5.34	0.0240	0.	63.	0.11
MILE 399.47	634.14	1200834.	5.03	238622.	52768.	8.56	0.0220	0.	70.	0.42
MILE 395.26	631.04	1198743.	6.30	190407.	45695.	8.11	0.0220	0.	73.	0.54
MILE 391.06	628.73	1187843.	6.95	170929.	3796.	11.47	0.0220	0.	62.	0.18
MILE 386.85	627.75	1185978.	5.44	217961.	6480.	11.50	0.0210	0.	69.	0.17
MILE 382.64	626.97	1184025.	4.44	266443.	42241.	11.76	0.0210	0.	64.	0.31
MILE 378.44	626.08	1167577.	4.22	276623.	38863.	10.01	0.0210	0.	70.	0.28
MILE 374.23	625.71	1150114.	3.48	330559.	20989.	11.90	0.0210	0.	67.	0.15
MILE 370.03	625.36	1140354.	3.67	310963.	11855.	12.98	0.0210	0.	75.	0.13
MILE 365.82	625.06	1135305.	3.13	362969.	10316.	12.70	0.0210	0.	72.	0.09
MILE 361.62	624.68	1125694.	3.28	342865.	19218.	11.29	0.0210	0.	79.	0.14
MILE 357.41	624.51	1115704.	2.52	443455.	43065.	9.46	0.0210	0.	88.	0.14
MILE 353.21	624.02	1098468.	4.74	231610.	9807.	14.68	0.0230	0.	87.	0.17
MILE 349.00	623.04	1092545.	4.81	227227.	4639.	15.00	0.0240	0.	89.	0.12

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TIME 10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.01	1241667.	8.49	146175.	71144.	10.96	0.0230	0. 73. 1.04
MILE 420.49	646.72	1228844.	3.88	317062.	18584.	8.78	0.0230	0. 68. 0.17
MILE 416.28	643.79	1222856.	4.12	296659.	15391.	7.11	0.0270	0. 65. 0.17
MILE 412.08	641.55	1218418.	8.12	149984.	8466.	11.36	0.0270	0. 65. 0.34
MILE 407.88	638.42	1214473.	5.39	225338.	15537.	8.01	0.0270	0. 62. 0.25
MILE 403.67	635.89	1212387.	3.68	329887.	9208.	5.34	0.0240	0. 63. 0.11
MILE 399.47	634.17	1201101.	5.03	238811.	52800.	8.56	0.0220	0. 70. 0.42
MILE 395.26	631.07	1198687.	6.29	190623.	45718.	8.11	0.0220	0. 73. 0.54
MILE 391.06	628.77	1186528.	6.93	171178.	3797.	11.47	0.0220	0. 62. 0.18
MILE 386.85	627.81	1184504.	5.43	218301.	6482.	11.51	0.0210	0. 69. 0.16
MILE 382.64	627.03	1182415.	4.43	266876.	42340.	11.77	0.0210	0. 64. 0.31
MILE 378.44	626.15	1164952.	4.20	277176.	38911.	10.02	0.0210	0. 70. 0.28
MILE 374.23	625.78	1146636.	3.46	331178.	21002.	11.91	0.0210	0. 67. 0.15
MILE 370.03	625.44	1136462.	3.65	311467.	11862.	12.99	0.0210	0. 75. 0.13
MILE 365.82	625.14	1131234.	3.11	363607.	10321.	12.71	0.0210	0. 72. 0.09
MILE 361.62	624.77	1121333.	3.26	343676.	19232.	11.30	0.0210	0. 79. 0.14
MILE 357.41	624.59	1111087.	2.50	444417.	43109.	9.47	0.0210	0. 88. 0.14
MILE 353.21	624.11	1093505.	4.71	231989.	9813.	14.70	0.0230	0. 87. 0.17
MILE 349.00	623.14	1087556.	4.78	227638.	4641.	15.01	0.0240	0. 89. 0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.07	1245833.	8.51	146378.	71227.	10.96	0.0230	0. 73. 1.05
MILE 420.49	646.78	1232248.	3.88	317517.	18594.	8.78	0.0230	0. 68. 0.17
MILE 416.28	643.84	1225882.	4.13	297043.	15398.	7.11	0.0270	0. 65. 0.17
MILE 412.08	641.59	1221105.	8.13	150121.	8469.	11.37	0.0270	0. 65. 0.34
MILE 407.88	638.46	1216749.	5.39	225559.	15547.	8.01	0.0270	0. 62. 0.25
MILE 403.67	635.93	1214413.	3.68	330205.	9210.	5.34	0.0240	0. 63. 0.11
MILE 399.47	634.21	1201549.	5.03	239030.	52836.	8.56	0.0220	0. 70. 0.42
MILE 395.26	631.11	1198833.	6.28	190868.	45744.	8.11	0.0220	0. 73. 0.54
MILE 391.06	628.83	1185532.	6.91	171449.	3798.	11.47	0.0220	0. 62. 0.18
MILE 386.85	627.86	1183366.	5.41	218666.	6483.	11.51	0.0210	0. 69. 0.16
MILE 382.64	627.09	1181156.	4.42	267337.	42446.	11.78	0.0210	0. 64. 0.31
MILE 378.44	626.22	1162777.	4.19	277757.	38962.	10.03	0.0210	0. 70. 0.28
MILE 374.23	625.86	1143700.	3.45	331824.	21017.	11.92	0.0210	0. 67. 0.15
MILE 370.03	625.51	1133158.	3.63	311989.	11868.	13.00	0.0210	0. 76. 0.12
MILE 365.82	625.22	1127773.	3.10	364264.	10325.	12.72	0.0210	0. 72. 0.09
MILE 361.62	624.85	1117614.	3.24	344508.	19247.	11.30	0.0210	0. 79. 0.14
MILE 357.41	624.68	1107144.	2.49	445403.	43153.	9.47	0.0210	0. 88. 0.14
MILE 353.21	624.20	1089263.	4.69	232374.	9820.	14.71	0.0230	0. 87. 0.17

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MILE 349.00 623.25 1083294. 4.75 228048. 4643. 15.03 0.0240 0. 89. 0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.13	1250000.	8.53	146592.	71315.	10.97	0.0230	0. 73. 1.05
MILE 420.49	646.83	1235686.	3.89	318000.	18604.	8.79	0.0230	0. 68. 0.17
MILE 416.28	643.89	1228959.	4.13	297455.	15405.	7.12	0.0270	0. 65. 0.17
MILE 412.08	641.64	1223858.	8.14	150270.	8472.	11.37	0.0270	0. 65. 0.34
MILE 407.88	638.50	1219112.	5.40	225803.	15558.	8.01	0.0270	0. 62. 0.25
MILE 403.67	635.97	1216539.	3.68	330562.	9212.	5.34	0.0240	0. 63. 0.11
MILE 399.47	634.25	1202188.	5.02	239277.	52877.	8.56	0.0220	0. 70. 0.42
MILE 395.26	631.16	1199190.	6.27	191140.	45773.	8.11	0.0220	0. 73. 0.54
MILE 391.06	628.88	1184846.	6.90	171739.	3799.	11.48	0.0220	0. 62. 0.18
MILE 386.85	627.92	1182551.	5.40	219053.	6484.	11.52	0.0210	0. 69. 0.16
MILE 382.64	627.16	1180232.	4.41	267824.	42558.	11.78	0.0210	0. 64. 0.31
MILE 378.44	626.29	1161015.	4.17	278362.	39014.	10.03	0.0210	0. 70. 0.28
MILE 374.23	625.93	1141252.	3.43	332493.	21032.	11.92	0.0210	0. 67. 0.15
MILE 370.03	625.59	1130381.	3.62	312527.	11875.	13.02	0.0210	0. 76. 0.12
MILE 365.82	625.30	1124856.	3.08	364939.	10330.	12.74	0.0210	0. 72. 0.09
MILE 361.62	624.94	1114469.	3.23	345360.	19262.	11.31	0.0210	0. 79. 0.13
MILE 357.41	624.76	1103803.	2.47	446409.	43199.	9.48	0.0210	0. 88. 0.14
MILE 353.21	624.30	1085661.	4.66	232763.	9826.	14.73	0.0230	0. 87. 0.17
MILE 349.00	623.35	1079675.	4.73	228458.	4645.	15.05	0.0240	0. 89. 0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.19	1254167.	8.54	146816.	71406.	10.97	0.0230	0. 73. 1.05
MILE 420.49	646.89	1239157.	3.89	318509.	18615.	8.80	0.0230	0. 68. 0.17
MILE 416.28	643.94	1232088.	4.14	297894.	15413.	7.12	0.0270	0. 65. 0.17
MILE 412.08	641.69	1226679.	8.15	150429.	8475.	11.38	0.0270	0. 65. 0.34
MILE 407.88	638.54	1221563.	5.40	226069.	15569.	8.01	0.0270	0. 62. 0.25
MILE 403.67	636.01	1218768.	3.68	330956.	9215.	5.34	0.0240	0. 63. 0.11
MILE 399.47	634.29	1203021.	5.02	239551.	52923.	8.57	0.0220	0. 70. 0.42
MILE 395.26	631.21	1199761.	6.27	191437.	45805.	8.11	0.0220	0. 73. 0.54
MILE 391.06	628.94	1184456.	6.88	172048.	3800.	11.48	0.0220	0. 62. 0.18
MILE 386.85	627.99	1182043.	5.39	219462.	6486.	11.53	0.0210	0. 69. 0.16
MILE 382.64	627.23	1179625.	4.40	268333.	42674.	11.79	0.0210	0. 64. 0.31
MILE 378.44	626.36	1159643.	4.16	278990.	39068.	10.04	0.0210	0. 70. 0.27
MILE 374.23	626.01	1139256.	3.42	333184.	21047.	11.93	0.0210	0. 68. 0.15

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MILE 370.03	625.67	1128089.	3.60	313080.	11882.	13.03	0.0210	0.	76.	0.12
MILE 365.82	625.38	1122433.	3.07	365630.	10335.	12.75	0.0210	0.	72.	0.09
MILE 361.62	625.02	1111816.	3.21	346215.	19277.	11.31	0.0210	0.	79.	0.13
MILE 357.41	624.85	1100998.	2.46	447433.	43245.	9.49	0.0210	0.	88.	0.13
MILE 353.21	624.39	1082630.	4.64	233157.	9833.	14.74	0.0230	0.	87.	0.17
MILE 349.00	623.45	1076628.	4.70	228868.	4647.	15.06	0.0240	0.	89.	0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	649.26	1258333.	8.56	147049.	71501.	10.97	0.0230	0.	73.	1.05
MILE 420.49	646.96	1242661.	3.89	319042.	18626.	8.80	0.0230	0.	68.	0.17
MILE 416.28	644.00	1235268.	4.14	298359.	15422.	7.12	0.0270	0.	65.	0.17
MILE 412.08	641.74	1229568.	8.16	150599.	8479.	11.38	0.0270	0.	65.	0.34
MILE 407.88	638.59	1224104.	5.41	226356.	15582.	8.01	0.0270	0.	62.	0.25
MILE 403.67	636.06	1221101.	3.68	331386.	9218.	5.34	0.0240	0.	63.	0.11
MILE 399.47	634.34	1204045.	5.02	239850.	52973.	8.57	0.0220	0.	70.	0.42
MILE 395.26	631.26	1200541.	6.26	191758.	45839.	8.11	0.0220	0.	73.	0.54
MILE 391.06	629.00	1184348.	6.87	172373.	3802.	11.48	0.0220	0.	63.	0.18
MILE 386.85	628.06	1181828.	5.37	219890.	6488.	11.53	0.0210	0.	69.	0.16
MILE 382.64	627.30	1179318.	4.39	268863.	42795.	11.80	0.0210	0.	64.	0.31
MILE 378.44	626.44	1158624.	4.14	279638.	39124.	10.05	0.0210	0.	70.	0.27
MILE 374.23	626.09	1137651.	3.41	333895.	21063.	11.94	0.0210	0.	68.	0.15
MILE 370.03	625.76	1126213.	3.59	313645.	11889.	13.04	0.0210	0.	76.	0.12
MILE 365.82	625.47	1120445.	3.06	366335.	10339.	12.76	0.0210	0.	72.	0.09
MILE 361.62	625.11	1109666.	3.20	347048.	19293.	11.32	0.0210	0.	80.	0.13
MILE 357.41	624.95	1098676.	2.45	448474.	43292.	9.49	0.0210	0.	88.	0.13
MILE 353.21	624.49	1080097.	4.62	233554.	9840.	14.76	0.0230	0.	88.	0.17
MILE 349.00	623.56	1074087.	4.68	229279.	4648.	15.08	0.0240	0.	89.	0.12

ODATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	649.32	1262500.	8.57	147292.	71600.	10.98	0.0230	0.	73.	1.05
MILE 420.49	647.02	1246200.	3.90	319600.	18637.	8.81	0.0230	0.	68.	0.17
MILE 416.28	644.06	1238499.	4.14	298848.	15431.	7.13	0.0270	0.	65.	0.17
MILE 412.08	641.80	1232525.	8.17	150779.	8482.	11.39	0.0270	0.	65.	0.34
MILE 407.88	638.64	1226733.	5.41	226663.	15595.	8.02	0.0270	0.	62.	0.25
MILE 403.67	636.11	1223535.	3.69	331851.	9221.	5.34	0.0240	0.	63.	0.11
MILE 399.47	634.39	1205254.	5.02	240173.	53026.	8.57	0.0220	0.	70.	0.42
MILE 395.26	631.31	1201522.	6.25	192102.	45875.	8.11	0.0220	0.	73.	0.54

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MILE 391.06	629.07	1184505.	6.86	172715.	3803.	11.49	0.0220	0.	63.	0.18
MILE 386.85	628.13	1181885.	5.36	220336.	6489.	11.54	0.0210	0.	69.	0.16
MILE 382.64	627.37	1179292.	4.38	269413.	42921.	11.80	0.0210	0.	64.	0.31
MILE 378.44	626.52	1157939.	4.13	280305.	39182.	10.05	0.0210	0.	70.	0.27
MILE 374.23	626.17	1136461.	3.40	334623.	21079.	11.95	0.0210	0.	68.	0.15
MILE 370.03	625.84	1124773.	3.58	314223.	11896.	13.06	0.0210	0.	76.	0.12
MILE 365.82	625.56	1118901.	3.05	367053.	10344.	12.78	0.0210	0.	72.	0.09
MILE 361.62	625.20	1107954.	3.18	347895.	19309.	11.32	0.0210	0.	80.	0.13
MILE 357.41	625.04	1096816.	2.44	449531.	43339.	9.50	0.0210	0.	89.	0.13
MILE 353.21	624.58	1078048.	4.61	233955.	9846.	14.77	0.0230	0.	88.	0.17
MILE 349.00	623.66	1072026.	4.67	229689.	4650.	15.10	0.0240	0.	89.	0.12

0DATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.39	1266667.	8.59	147544.	71702.	10.98	0.0230	0. 73. 1.05
MILE 420.49	647.09	1249771.	3.90	320180.	18650.	8.82	0.0230	0. 68. 0.17
MILE 416.28	644.12	1241781.	4.15	299361.	15440.	7.13	0.0270	0. 65. 0.17
MILE 412.08	641.86	1235549.	8.18	150968.	8486.	11.39	0.0270	0. 65. 0.34
MILE 407.88	638.70	1229450.	5.42	226990.	15610.	8.02	0.0270	0. 62. 0.25
MILE 403.67	636.16	1226069.	3.69	332349.	9224.	5.34	0.0240	0. 63. 0.11
MILE 399.47	634.44	1206640.	5.02	240519.	53084.	8.58	0.0220	0. 70. 0.42
MILE 395.26	631.37	1202696.	6.25	192468.	45913.	8.11	0.0220	0. 73. 0.54
MILE 391.06	629.14	1184918.	6.85	173072.	3805.	11.49	0.0220	0. 63. 0.18
MILE 386.85	628.20	1182208.	5.35	220799.	6491.	11.54	0.0210	0. 69. 0.16
MILE 382.64	627.45	1179540.	4.37	269980.	43050.	11.81	0.0210	0. 64. 0.31
MILE 378.44	626.60	1157583.	4.12	280990.	39241.	10.06	0.0210	0. 70. 0.27
MILE 374.23	626.26	1135628.	3.39	335368.	21096.	11.96	0.0210	0. 68. 0.15
MILE 370.03	625.93	1123719.	3.57	314812.	11904.	13.07	0.0210	0. 76. 0.12
MILE 365.82	625.65	1117759.	3.04	367782.	10349.	12.79	0.0210	0. 72. 0.09
MILE 361.62	625.30	1106648.	3.17	348755.	19325.	11.33	0.0210	0. 80. 0.13
MILE 357.41	625.13	1095383.	2.43	450603.	43387.	9.51	0.0210	0. 89. 0.13
MILE 353.21	624.68	1076437.	4.59	234359.	9853.	14.79	0.0230	0. 88. 0.17
MILE 349.00	623.77	1070403.	4.65	230099.	4652.	15.11	0.0240	0. 89. 0.12

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TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.47	1270833.	8.60	147803.	71808.	10.98	0.0230	0. 73. 1.06
MILE 420.49	647.16	1253376.	3.91	320782.	18662.	8.82	0.0230	0. 68. 0.17
MILE 416.28	644.18	1245114.	4.15	299897.	15450.	7.14	0.0270	0. 65. 0.17

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MILE 412.08	641.92	1238639.	8.19	151166.	8490.	11.40	0.0270	0.	65.	0.34
MILE 407.88	638.76	1232252.	5.42	227335.	15625.	8.02	0.0270	0.	63.	0.25
MILE 403.67	636.22	1228701.	3.69	332878.	9227.	5.34	0.0240	0.	63.	0.11
MILE 399.47	634.50	1208199.	5.02	240886.	53145.	8.58	0.0220	0.	70.	0.42
MILE 395.26	631.44	1204058.	6.24	192854.	45954.	8.11	0.0220	0.	73.	0.54
MILE 391.06	629.21	1185574.	6.84	173443.	3806.	11.50	0.0220	0.	63.	0.18
MILE 386.85	628.27	1182781.	5.35	221278.	6493.	11.55	0.0210	0.	69.	0.16
MILE 382.64	627.53	1180045.	4.36	270565.	43184.	11.82	0.0210	0.	64.	0.31
MILE 378.44	626.69	1157529.	4.11	281691.	39301.	10.07	0.0210	0.	70.	0.27
MILE 374.23	626.35	1135134.	3.38	336128.	21112.	11.97	0.0210	0.	68.	0.15
MILE 370.03	626.02	1123025.	3.56	315411.	11911.	13.08	0.0210	0.	76.	0.12
MILE 365.82	625.74	1116972.	3.03	368524.	10354.	12.81	0.0210	0.	73.	0.09
MILE 361.62	625.39	1105726.	3.16	349627.	19341.	11.33	0.0210	0.	80.	0.13
MILE 357.41	625.23	1094337.	2.42	451688.	43436.	9.51	0.0210	0.	89.	0.13
MILE 353.21	624.78	1075232.	4.58	234766.	9860.	14.80	0.0230	0.	88.	0.17
MILE 349.00	623.87	1069188.	4.64	230510.	4654.	15.13	0.0240	0.	89.	0.12

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	649.54	1275000.	8.61	148071.	71916.	10.99	0.0230	0.	74.	1.06
MILE 420.49	647.23	1257013.	3.91	321404.	18675.	8.83	0.0230	0.	68.	0.17
MILE 416.28	644.25	1248495.	4.16	300454.	15460.	7.14	0.0270	0.	65.	0.17
MILE 412.08	641.98	1241793.	8.20	151373.	8495.	11.41	0.0270	0.	65.	0.34
MILE 407.88	638.82	1235137.	5.42	227696.	15640.	8.03	0.0270	0.	63.	0.25
MILE 403.67	636.28	1231428.	3.69	333437.	9231.	5.34	0.0240	0.	63.	0.11
MILE 399.47	634.56	1209923.	5.01	241274.	53209.	8.58	0.0220	0.	70.	0.42
MILE 395.26	631.50	1205599.	6.24	193259.	45996.	8.11	0.0220	0.	73.	0.54
MILE 391.06	629.28	1186464.	6.83	173827.	3808.	11.50	0.0220	0.	63.	0.18
MILE 386.85	628.35	1183594.	5.34	221771.	6494.	11.56	0.0210	0.	69.	0.16
MILE 382.64	627.61	1180795.	4.35	271164.	43320.	11.83	0.0210	0.	64.	0.31
MILE 378.44	626.77	1157748.	4.10	282408.	39362.	10.08	0.0210	0.	70.	0.27
MILE 374.23	626.43	1134953.	3.37	336903.	21129.	11.98	0.0210	0.	68.	0.15
MILE 370.03	626.11	1122654.	3.55	316019.	11919.	13.10	0.0210	0.	76.	0.12
MILE 365.82	625.83	1116528.	3.02	369275.	10360.	12.82	0.0210	0.	73.	0.09
MILE 361.62	625.48	1105153.	3.15	350510.	19357.	11.34	0.0210	0.	80.	0.13
MILE 357.41	625.32	1093650.	2.42	452786.	43485.	9.52	0.0210	0.	89.	0.13
MILE 353.21	624.87	1074396.	4.57	235176.	9867.	14.82	0.0230	0.	88.	0.16
MILE 349.00	623.97	1068342.	4.63	230920.	4656.	15.15	0.0240	0.	89.	0.12

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TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.62	1279167.	8.62	148345.	72027.	10.99	0.0230	0. 74. 1.06
MILE 420.49	647.31	1260682.	3.91	322044.	18689.	8.84	0.0230	0. 68. 0.17
MILE 416.28	644.32	1251925.	4.16	301031.	15470.	7.15	0.0270	0. 65. 0.17
MILE 412.08	642.05	1245010.	8.21	151587.	8499.	11.41	0.0270	0. 65. 0.34
MILE 407.88	638.88	1238102.	5.43	228074.	15657.	8.03	0.0270	0. 63. 0.25
MILE 403.67	636.34	1234246.	3.70	334024.	9235.	5.35	0.0240	0. 63. 0.11
MILE 399.47	634.63	1211806.	5.01	241680.	53276.	8.59	0.0220	0. 71. 0.41
MILE 395.26	631.57	1207312.	6.23	193683.	46040.	8.11	0.0220	0. 73. 0.54
MILE 391.06	629.36	1187570.	6.82	174223.	3809.	11.51	0.0220	0. 63. 0.18
MILE 386.85	628.43	1184630.	5.33	222277.	6496.	11.57	0.0210	0. 69. 0.16
MILE 382.64	627.69	1181772.	4.35	271779.	43460.	11.84	0.0210	0. 64. 0.31
MILE 378.44	626.86	1158234.	4.09	283139.	39425.	10.08	0.0210	0. 70. 0.27
MILE 374.23	626.52	1135067.	3.36	337691.	21147.	11.99	0.0210	0. 68. 0.15
MILE 370.03	626.20	1122588.	3.55	316637.	11927.	13.11	0.0210	0. 76. 0.12
MILE 365.82	625.92	1116390.	3.02	370036.	10365.	12.84	0.0210	0. 73. 0.09
MILE 361.62	625.58	1104900.	3.14	351404.	19374.	11.34	0.0210	0. 80. 0.13
MILE 357.41	625.42	1093293.	2.41	453895.	43534.	9.53	0.0210	0. 89. 0.13
MILE 353.21	624.97	1073898.	4.56	235588.	9874.	14.83	0.0230	0. 88. 0.16
MILE 349.00	624.08	1067832.	4.62	231331.	4658.	15.17	0.0240	0. 90. 0.12

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TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.69	1283333.	8.63	148626.	72141.	10.99	0.0230	0. 74. 1.06
MILE 420.49	647.38	1264383.	3.92	322703.	18702.	8.84	0.0230	0. 68. 0.17
MILE 416.28	644.39	1255402.	4.16	301628.	15481.	7.15	0.0270	0. 65. 0.17
MILE 412.08	642.12	1248285.	8.22	151810.	8504.	11.42	0.0270	0. 66. 0.34
MILE 407.88	638.95	1241149.	5.43	228467.	15674.	8.03	0.0270	0. 63. 0.25
MILE 403.67	636.41	1237154.	3.70	334638.	9239.	5.35	0.0240	0. 63. 0.11
MILE 399.47	634.69	1213838.	5.01	242104.	53346.	8.59	0.0220	0. 71. 0.41
MILE 395.26	631.64	1209187.	6.23	194124.	46086.	8.10	0.0220	0. 73. 0.53
MILE 391.06	629.44	1188883.	6.81	174631.	3811.	11.51	0.0220	0. 63. 0.18
MILE 386.85	628.51	1185877.	5.32	222797.	6498.	11.57	0.0210	0. 69. 0.16
MILE 382.64	627.77	1182966.	4.34	272407.	43603.	11.84	0.0210	0. 65. 0.31
MILE 378.44	626.95	1158958.	4.08	283883.	39488.	10.09	0.0210	0. 71. 0.27
MILE 374.23	626.61	1135445.	3.35	338491.	21165.	12.00	0.0210	0. 68. 0.15
MILE 370.03	626.29	1122806.	3.54	317262.	11935.	13.13	0.0210	0. 76. 0.12
MILE 365.82	626.02	1116542.	3.01	370806.	10370.	12.85	0.0210	0. 73. 0.09
MILE 361.62	625.67	1104941.	3.14	352308.	19391.	11.35	0.0210	0. 80. 0.13
MILE 357.41	625.51	1093238.	2.40	455015.	43584.	9.54	0.0210	0. 89. 0.13
MILE 353.21	625.07	1073716.	4.55	236003.	9881.	14.85	0.0230	0. 88. 0.16
MILE 349.00	624.18	1067645.	4.61	231742.	4660.	15.18	0.0240	0. 90. 0.12

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TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.77	1287500.	8.65	148914.	72257.	11.00	0.0230	0. 74. 1.06
MILE 420.49	647.46	1268110.	3.92	323379.	18716.	8.85	0.0230	0. 68. 0.17
MILE 416.28	644.47	1258922.	4.17	302243.	15492.	7.16	0.0270	0. 65. 0.17
MILE 412.08	642.19	1251620.	8.23	152039.	8508.	11.43	0.0270	0. 66. 0.34
MILE 407.88	639.01	1244269.	5.44	228873.	15691.	8.04	0.0270	0. 63. 0.25
MILE 403.67	636.47	1240147.	3.70	335278.	9243.	5.35	0.0240	0. 63. 0.11
MILE 399.47	634.76	1216015.	5.01	242545.	53418.	8.60	0.0220	0. 71. 0.41
MILE 395.26	631.71	1211217.	6.22	194581.	46133.	8.10	0.0220	0. 73. 0.53
MILE 391.06	629.52	1190386.	6.80	175049.	3813.	11.52	0.0220	0. 63. 0.18
MILE 386.85	628.60	1187320.	5.32	223328.	6500.	11.58	0.0210	0. 69. 0.16
MILE 382.64	627.86	1184359.	4.34	273047.	43748.	11.85	0.0210	0. 65. 0.31
MILE 378.44	627.04	1159918.	4.08	284640.	39553.	10.10	0.0210	0. 71. 0.27
MILE 374.23	626.70	1136073.	3.35	339303.	21182.	12.01	0.0210	0. 68. 0.15
MILE 370.03	626.38	1123289.	3.53	317895.	11943.	13.14	0.0210	0. 76. 0.12
MILE 365.82	626.11	1116965.	3.01	371584.	10375.	12.87	0.0210	0. 73. 0.09
MILE 361.62	625.77	1105265.	3.13	353221.	19408.	11.35	0.0210	0. 80. 0.13
MILE 357.41	625.61	1093477.	2.40	456146.	43635.	9.54	0.0210	0. 89. 0.13
MILE 353.21	625.17	1073835.	4.54	236420.	9888.	14.87	0.0230	0. 88. 0.16
MILE 349.00	624.29	1067759.	4.60	232152.	4662.	15.20	0.0240	0. 90. 0.11

0DATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	649.85	1291667.	8.66	149207.	72376.	11.00	0.0230	0. 74. 1.06
MILE 420.49	647.54	1271867.	3.92	324071.	18731.	8.86	0.0230	0. 69. 0.17
MILE 416.28	644.54	1262485.	4.17	302875.	15503.	7.17	0.0270	0. 65. 0.17
MILE 412.08	642.26	1255011.	8.24	152275.	8513.	11.43	0.0270	0. 66. 0.34
MILE 407.88	639.08	1247459.	5.44	229294.	15710.	8.04	0.0270	0. 63. 0.25
MILE 403.67	636.54	1243220.	3.70	335942.	9247.	5.35	0.0240	0. 63. 0.11
MILE 399.47	634.83	1218326.	5.01	243001.	53493.	8.60	0.0220	0. 71. 0.41
MILE 395.26	631.79	1213392.	6.22	195054.	46182.	8.10	0.0220	0. 73. 0.53
MILE 391.06	629.60	1192071.	6.79	175478.	3814.	11.52	0.0220	0. 63. 0.18
MILE 386.85	628.68	1188949.	5.31	223871.	6502.	11.59	0.0210	0. 70. 0.16
MILE 382.64	627.95	1185942.	4.33	273700.	43896.	11.86	0.0210	0. 65. 0.31
MILE 378.44	627.13	1161088.	4.07	285408.	39619.	10.11	0.0210	0. 71. 0.27
MILE 374.23	626.80	1136944.	3.34	340126.	21201.	12.02	0.0210	0. 68. 0.15
MILE 370.03	626.48	1124025.	3.53	318535.	11951.	13.16	0.0210	0. 76. 0.12
MILE 365.82	626.21	1117645.	3.00	372370.	10381.	12.88	0.0210	0. 73. 0.09

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MILE 361.62	625.87	1105853.	3.12	354143.	19425.	11.36	0.0210	0.	80.	0.13
MILE 357.41	625.71	1093986.	2.39	457287.	43685.	9.55	0.0210	0.	89.	0.13
MILE 353.21	625.27	1074237.	4.54	236838.	9895.	14.88	0.0230	0.	88.	0.16
MILE 349.00	624.39	1068155.	4.59	232563.	4663.	15.22	0.0240	0.	90.	0.11

0DATE 11-15-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	649.94	1295833.	8.67	149506.	72496.	11.01	0.0230	0.	74.	1.06
MILE 420.49	647.62	1275651.	3.93	324777.	18745.	8.87	0.0230	0.	69.	0.17
MILE 416.28	644.62	1266090.	4.17	303523.	15515.	7.17	0.0270	0.	65.	0.17
MILE 412.08	642.34	1258457.	8.25	152518.	8518.	11.44	0.0270	0.	66.	0.34
MILE 407.88	639.16	1250721.	5.44	229727.	15728.	8.04	0.0270	0.	63.	0.25
MILE 403.67	636.62	1246372.	3.70	336632.	9251.	5.35	0.0240	0.	63.	0.11
MILE 399.47	634.91	1220768.	5.01	243472.	53571.	8.60	0.0220	0.	71.	0.41
MILE 395.26	631.86	1215715.	6.22	195542.	46232.	8.10	0.0220	0.	73.	0.53
MILE 391.06	629.68	1193912.	6.79	175916.	3816.	11.53	0.0220	0.	63.	0.18
MILE 386.85	628.77	1190749.	5.31	224424.	6504.	11.60	0.0210	0.	70.	0.16
MILE 382.64	628.04	1187705.	4.33	274364.	44046.	11.87	0.0210	0.	65.	0.31
MILE 378.44	627.22	1162463.	4.06	286188.	39685.	10.11	0.0210	0.	71.	0.27
MILE 374.23	626.89	1138042.	3.34	340959.	21219.	12.03	0.0210	0.	68.	0.15
MILE 370.03	626.57	1124996.	3.52	319182.	11959.	13.17	0.0210	0.	77.	0.12
MILE 365.82	626.30	1118566.	3.00	373162.	10386.	12.90	0.0210	0.	73.	0.09
MILE 361.62	625.97	1106689.	3.12	355074.	19442.	11.36	0.0210	0.	80.	0.13
MILE 357.41	625.81	1094746.	2.39	458438.	43736.	9.56	0.0210	0.	89.	0.13
MILE 353.21	625.37	1074896.	4.53	237259.	9902.	14.90	0.0230	0.	88.	0.16
MILE 349.00	624.50	1068809.	4.59	232974.	4665.	15.23	0.0240	0.	90.	0.11

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.02	1300000.	8.68	149801.	72618.	11.01	0.0230	0.	74.	1.06
MILE 420.49	647.71	1279467.	3.93	325497.	18760.	8.88	0.0230	0.	69.	0.17
MILE 416.28	644.70	1269740.	4.17	304186.	15527.	7.18	0.0270	0.	65.	0.17
MILE 412.08	642.41	1261960.	8.26	152766.	8523.	11.45	0.0270	0.	66.	0.34
MILE 407.88	639.23	1254051.	5.45	230174.	15748.	8.05	0.0270	0.	63.	0.25
MILE 403.67	636.69	1249604.	3.70	337345.	9256.	5.35	0.0240	0.	63.	0.11
MILE 399.47	634.98	1223363.	5.01	243957.	53650.	8.61	0.0220	0.	71.	0.41
MILE 395.26	631.94	1218187.	6.21	196045.	46284.	8.10	0.0220	0.	73.	0.53
MILE 391.06	629.76	1195890.	6.78	176358.	3818.	11.53	0.0220	0.	63.	0.18
MILE 386.85	628.85	1192668.	5.30	224984.	6506.	11.60	0.0210	0.	70.	0.16

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MILE 382.64	628.13	1189584.	4.33	275036.	44198.	11.88	0.0210	0.	65.	0.31
MILE 378.44	627.31	1163993.	4.06	286977.	39752.	10.12	0.0210	0.	71.	0.27
MILE 374.23	626.98	1139337.	3.33	341801.	21237.	12.04	0.0210	0.	68.	0.15
MILE 370.03	626.67	1126182.	3.52	319834.	11967.	13.19	0.0210	0.	77.	0.12
MILE 365.82	626.40	1119707.	2.99	373962.	10392.	12.91	0.0210	0.	73.	0.09
MILE 361.62	626.07	1107752.	3.11	356012.	19459.	11.37	0.0210	0.	80.	0.13
MILE 357.41	625.91	1095741.	2.38	459597.	43788.	9.57	0.0210	0.	89.	0.13
MILE 353.21	625.47	1075796.	4.53	237681.	9909.	14.91	0.0230	0.	89.	0.16
MILE 349.00	624.60	1069705.	4.58	233384.	4667.	15.25	0.0240	0.	90.	0.11

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.10	1300000.	8.66	150048.	72731.	11.02	0.0230	0. 74. 1.06
MILE 420.49	647.79	1281682.	3.93	326191.	18775.	8.88	0.0230	0. 69. 0.17
MILE 416.28	644.78	1272840.	4.18	304851.	15539.	7.18	0.0270	0. 66. 0.17
MILE 412.08	642.49	1265378.	8.27	153018.	8529.	11.46	0.0270	0. 66. 0.34
MILE 407.88	639.31	1257414.	5.45	230632.	15767.	8.05	0.0270	0. 63. 0.25
MILE 403.67	636.77	1252891.	3.71	338081.	9260.	5.36	0.0240	0. 63. 0.11
MILE 399.47	635.06	1225968.	5.02	244425.	53732.	8.61	0.0220	0. 71. 0.41
MILE 395.26	632.02	1220707.	6.21	196563.	46337.	8.10	0.0220	0. 74. 0.53
MILE 391.06	629.85	1198044.	6.78	176809.	3820.	11.54	0.0220	0. 63. 0.18
MILE 386.85	628.94	1194777.	5.30	225553.	6508.	11.61	0.0210	0. 70. 0.16
MILE 382.64	628.22	1191655.	4.32	275717.	44352.	11.89	0.0210	0. 65. 0.31
MILE 378.44	627.41	1165706.	4.05	287775.	39820.	10.13	0.0210	0. 71. 0.27
MILE 374.23	627.08	1140798.	3.33	342650.	21256.	12.05	0.0210	0. 69. 0.15
MILE 370.03	626.76	1127557.	3.52	320489.	11976.	13.20	0.0210	0. 77. 0.12
MILE 365.82	626.50	1121222.	2.99	374751.	10397.	12.93	0.0210	0. 73. 0.09
MILE 361.62	626.16	1110543.	3.11	356899.	19476.	11.37	0.0210	0. 81. 0.13
MILE 357.41	625.99	1102607.	2.39	460594.	43832.	9.57	0.0210	0. 89. 0.13
MILE 353.21	625.53	1093181.	4.59	237934.	9913.	14.92	0.0230	0. 89. 0.17
MILE 349.00	624.60	1092269.	4.68	233385.	4667.	15.25	0.0240	0. 90. 0.12

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.17	1300000.	8.65	150271.	72833.	11.02	0.0230	0. 74. 1.06
MILE 420.49	647.86	1283222.	3.93	326827.	18788.	8.89	0.0230	0. 69. 0.17
MILE 416.28	644.85	1275065.	4.17	305479.	15550.	7.19	0.0270	0. 66. 0.17
MILE 412.08	642.57	1268088.	8.27	153259.	8533.	11.46	0.0270	0. 66. 0.34
MILE 407.88	639.38	1260389.	5.45	231088.	15787.	8.06	0.0270	0. 63. 0.25

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MILE 403.67	636.85	1255926.	3.71	338829.	9265.	5.36	0.0240	0.	64.	0.11
MILE 399.47	635.14	1228651.	5.02	244893.	53815.	8.62	0.0220	0.	71.	0.41
MILE 395.26	632.11	1223319.	6.21	197094.	46391.	8.10	0.0220	0.	74.	0.53
MILE 391.06	629.94	1200315.	6.77	177269.	3822.	11.55	0.0220	0.	63.	0.18
MILE 386.85	629.03	1196996.	5.29	226129.	6510.	11.62	0.0210	0.	70.	0.16
MILE 382.64	628.31	1193826.	4.32	276404.	44507.	11.90	0.0210	0.	65.	0.31
MILE 378.44	627.50	1167773.	4.05	288559.	39886.	10.14	0.0210	0.	71.	0.27
MILE 374.23	627.17	1145566.	3.34	343418.	21273.	12.06	0.0210	0.	69.	0.15
MILE 370.03	626.84	1136398.	3.54	321011.	11982.	13.21	0.0210	0.	77.	0.12
MILE 365.82	626.56	1132596.	3.02	375301.	10401.	12.94	0.0210	0.	73.	0.09
MILE 361.62	626.21	1126754.	3.15	357414.	19485.	11.38	0.0210	0.	81.	0.13
MILE 357.41	626.04	1122273.	2.43	461163.	43857.	9.58	0.0210	0.	90.	0.13
MILE 353.21	625.56	1116368.	4.69	238069.	9916.	14.93	0.0230	0.	89.	0.17
MILE 349.00	624.60	1116243.	4.78	233385.	4667.	15.25	0.0240	0.	90.	0.12

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.23	1300000.	8.64	150475.	72926.	11.02	0.0230	0.	74.	1.06
MILE 420.49	647.93	1284469.	3.92	327416.	18800.	8.90	0.0230	0.	69.	0.17
MILE 416.28	644.92	1276901.	4.17	306069.	15560.	7.19	0.0270	0.	66.	0.17
MILE 412.08	642.64	1270350.	8.28	153490.	8538.	11.47	0.0270	0.	66.	0.34
MILE 407.88	639.46	1262922.	5.45	231533.	15806.	8.06	0.0270	0.	63.	0.25
MILE 403.67	636.92	1258543.	3.71	339576.	9269.	5.36	0.0240	0.	64.	0.11
MILE 399.47	635.22	1231231.	5.02	245365.	53899.	8.62	0.0220	0.	71.	0.41
MILE 395.26	632.19	1225866.	6.20	197634.	46445.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.02	1202786.	6.77	177733.	3823.	11.55	0.0220	0.	64.	0.17
MILE 386.85	629.12	1199742.	5.29	226687.	6512.	11.63	0.0210	0.	70.	0.16
MILE 382.64	628.39	1197058.	4.32	277047.	44652.	11.91	0.0210	0.	65.	0.31
MILE 378.44	627.57	1177074.	4.07	289188.	39939.	10.15	0.0210	0.	71.	0.27
MILE 374.23	627.23	1160838.	3.37	343988.	21285.	12.07	0.0210	0.	69.	0.15
MILE 370.03	626.89	1153290.	3.59	321389.	11987.	13.22	0.0210	0.	77.	0.12
MILE 365.82	626.61	1149953.	3.06	375705.	10404.	12.95	0.0210	0.	73.	0.09
MILE 361.62	626.25	1144621.	3.20	357801.	19492.	11.38	0.0210	0.	81.	0.13
MILE 357.41	626.08	1140194.	2.47	461596.	43876.	9.58	0.0210	0.	90.	0.13
MILE 353.21	625.59	1134212.	4.76	238171.	9917.	14.93	0.0230	0.	89.	0.17
MILE 349.00	624.60	1134020.	4.86	233385.	4667.	15.25	0.0240	0.	90.	0.12

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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MILE 424.70	650.29	1300000.	8.63	150663.	73012.	11.02	0.0230	0.	74.	1.06
MILE 420.49	647.99	1285519.	3.92	327966.	18812.	8.90	0.0230	0.	69.	0.17
MILE 416.28	644.99	1278447.	4.17	306628.	15570.	7.20	0.0270	0.	66.	0.17
MILE 412.08	642.71	1272262.	8.28	153710.	8543.	11.48	0.0270	0.	66.	0.34
MILE 407.88	639.53	1265093.	5.45	231967.	15824.	8.06	0.0270	0.	63.	0.25
MILE 403.67	637.00	1260813.	3.70	340318.	9274.	5.36	0.0240	0.	64.	0.11
MILE 399.47	635.29	1233751.	5.02	245835.	53982.	8.63	0.0220	0.	71.	0.41
MILE 395.26	632.27	1228541.	6.20	198167.	46499.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.10	1207555.	6.78	178170.	3825.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.19	1205021.	5.30	227158.	6514.	11.64	0.0210	0.	70.	0.16
MILE 382.64	628.46	1202890.	4.33	277568.	44770.	11.91	0.0210	0.	65.	0.31
MILE 378.44	627.63	1187262.	4.10	289682.	39981.	10.15	0.0210	0.	71.	0.27
MILE 374.23	627.28	1174324.	3.41	344456.	21296.	12.07	0.0210	0.	69.	0.15
MILE 370.03	626.94	1167719.	3.63	321711.	11991.	13.23	0.0210	0.	77.	0.12
MILE 365.82	626.66	1164792.	3.10	376064.	10406.	12.95	0.0210	0.	73.	0.09
MILE 361.62	626.29	1160013.	3.24	358164.	19499.	11.38	0.0210	0.	81.	0.13
MILE 357.41	626.11	1155867.	2.50	462010.	43894.	9.58	0.0210	0.	90.	0.14
MILE 353.21	625.61	1150204.	4.83	238269.	9919.	14.94	0.0230	0.	89.	0.17
MILE 349.00	624.60	1149844.	4.93	233385.	4667.	15.25	0.0240	0.	90.	0.12

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	650.34	1300000.	8.62	150840.	73092.	11.03	0.0230	0.	74.	1.06
MILE 420.49	648.05	1286356.	3.92	328483.	18822.	8.91	0.0230	0.	69.	0.17
MILE 416.28	645.05	1279683.	4.17	307116.	15580.	7.20	0.0270	0.	66.	0.17
MILE 412.08	642.77	1273871.	8.28	153920.	8547.	11.48	0.0270	0.	66.	0.34
MILE 407.88	639.60	1267007.	5.45	232388.	15842.	8.07	0.0270	0.	63.	0.25
MILE 403.67	637.08	1262889.	3.70	341045.	9278.	5.36	0.0240	0.	64.	0.11
MILE 399.47	635.37	1236777.	5.02	246295.	54064.	8.63	0.0220	0.	71.	0.41
MILE 395.26	632.35	1231907.	6.20	198667.	46549.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.16	1213604.	6.80	178545.	3827.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.25	1211413.	5.32	227554.	6516.	11.64	0.0210	0.	70.	0.16
MILE 382.64	628.52	1209561.	4.35	278000.	44867.	11.92	0.0210	0.	65.	0.31
MILE 378.44	627.68	1195591.	4.12	290107.	40017.	10.16	0.0210	0.	71.	0.27
MILE 374.23	627.33	1184121.	3.43	344867.	21305.	12.08	0.0210	0.	69.	0.15
MILE 370.03	626.98	1178490.	3.66	321995.	11995.	13.24	0.0210	0.	77.	0.12
MILE 365.82	626.69	1176093.	3.12	376379.	10408.	12.96	0.0210	0.	73.	0.09
MILE 361.62	626.32	1172227.	3.27	358482.	19505.	11.38	0.0210	0.	81.	0.13
MILE 357.41	626.15	1168800.	2.53	462375.	43910.	9.58	0.0210	0.	90.	0.14
MILE 353.21	625.63	1164154.	4.88	238357.	9921.	14.94	0.0230	0.	89.	0.18
MILE 349.00	624.60	1163910.	4.99	233385.	4667.	15.25	0.0240	0.	90.	0.12

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TIME	6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	650.40	1300000.	8.61	151005.	73167.	11.03	0.0230	0. 74. 1.06
MILE	420.49	648.11	1287119.	3.91	328971.	18832.	8.92	0.0230	0. 69. 0.16
MILE	416.28	645.11	1280814.	4.16	307572.	15589.	7.21	0.0270	0. 66. 0.17
MILE	412.08	642.83	1275312.	8.27	154121.	8551.	11.49	0.0270	0. 66. 0.34
MILE	407.88	639.66	1268799.	5.45	232793.	15860.	8.07	0.0270	0. 63. 0.25
MILE	403.67	637.15	1264907.	3.70	341747.	9283.	5.37	0.0240	0. 64. 0.11
MILE	399.47	635.45	1240304.	5.03	246733.	54141.	8.63	0.0220	0. 71. 0.41
MILE	395.26	632.42	1235790.	6.21	199130.	46596.	8.10	0.0220	0. 74. 0.53
MILE	391.06	630.22	1219369.	6.82	178887.	3828.	11.55	0.0220	0. 64. 0.18
MILE	386.85	629.31	1217404.	5.34	227911.	6517.	11.65	0.0210	0. 70. 0.16
MILE	382.64	628.57	1215743.	4.37	278387.	44954.	11.93	0.0210	0. 65. 0.31
MILE	378.44	627.72	1203153.	4.14	290485.	40049.	10.16	0.0210	0. 71. 0.27
MILE	374.23	627.37	1192818.	3.46	345229.	21313.	12.08	0.0210	0. 69. 0.15
MILE	370.03	627.02	1187861.	3.69	322244.	11998.	13.24	0.0210	0. 77. 0.13
MILE	365.82	626.73	1185742.	3.15	376652.	10410.	12.96	0.0210	0. 74. 0.09
MILE	361.62	626.35	1182378.	3.30	358755.	19510.	11.39	0.0210	0. 81. 0.14
MILE	357.41	626.17	1179495.	2.55	462686.	43924.	9.59	0.0210	0. 90. 0.14
MILE	353.21	625.65	1175792.	4.93	238431.	9922.	14.94	0.0230	0. 89. 0.18
MILE	349.00	624.60	1175682.	5.04	233385.	4667.	15.25	0.0240	0. 90. 0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME	7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	650.44	1300000.	8.60	151162.	73238.	11.03	0.0230	0. 74. 1.05
MILE	420.49	648.16	1287826.	3.91	329435.	18842.	8.92	0.0230	0. 69. 0.16
MILE	416.28	645.17	1281875.	4.16	308006.	15597.	7.21	0.0270	0. 66. 0.17
MILE	412.08	642.89	1276685.	8.27	154313.	8555.	11.49	0.0270	0. 66. 0.34
MILE	407.88	639.73	1270555.	5.45	233179.	15876.	8.07	0.0270	0. 63. 0.25
MILE	403.67	637.22	1266909.	3.70	342416.	9287.	5.37	0.0240	0. 64. 0.11
MILE	399.47	635.51	1243927.	5.03	247148.	54214.	8.64	0.0220	0. 71. 0.42
MILE	395.26	632.49	1239739.	6.21	199561.	46639.	8.10	0.0220	0. 74. 0.53
MILE	391.06	630.28	1224698.	6.83	179203.	3829.	11.55	0.0220	0. 64. 0.18
MILE	386.85	629.36	1222912.	5.36	228238.	6518.	11.65	0.0210	0. 70. 0.16
MILE	382.64	628.62	1221415.	4.38	278740.	45033.	11.93	0.0210	0. 65. 0.31
MILE	378.44	627.76	1210147.	4.16	290825.	40077.	10.16	0.0210	0. 71. 0.27
MILE	374.23	627.40	1200967.	3.48	345552.	21320.	12.09	0.0210	0. 69. 0.15
MILE	370.03	627.05	1196585.	3.71	322464.	12001.	13.25	0.0210	0. 77. 0.13
MILE	365.82	626.76	1194703.	3.17	376894.	10412.	12.97	0.0210	0. 74. 0.09
MILE	361.62	626.38	1191706.	3.32	358996.	19514.	11.39	0.0210	0. 81. 0.14
MILE	357.41	626.20	1189134.	2.57	462958.	43936.	9.59	0.0210	0. 90. 0.14
MILE	353.21	625.66	1185824.	4.97	238496.	9923.	14.94	0.0230	0. 89. 0.18

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MILE 349.00 624.60 1185693. 5.08 233385. 4667. 15.25 0.0240 0. 90. 0.13

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.49	1300000.	8.59	151309.	73305.	11.04	0.0230	0. 74. 1.05
MILE 420.49	648.21	1288507.	3.91	329873.	18851.	8.93	0.0230	0. 69. 0.16
MILE 416.28	645.22	1282898.	4.16	308419.	15605.	7.22	0.0270	0. 66. 0.16
MILE 412.08	642.95	1278015.	8.27	154495.	8559.	11.50	0.0270	0. 66. 0.34
MILE 407.88	639.79	1272269.	5.45	233544.	15891.	8.08	0.0270	0. 64. 0.25
MILE 403.67	637.28	1268864.	3.70	343049.	9290.	5.37	0.0240	0. 64. 0.11
MILE 399.47	635.58	1247444.	5.04	247538.	54283.	8.64	0.0220	0. 71. 0.42
MILE 395.26	632.55	1243559.	6.22	199962.	46679.	8.10	0.0220	0. 74. 0.53
MILE 391.06	630.33	1229758.	6.85	179495.	3830.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.40	1228139.	5.37	228539.	6519.	11.66	0.0210	0. 70. 0.16
MILE 382.64	628.66	1226790.	4.40	279062.	45105.	11.93	0.0210	0. 65. 0.31
MILE 378.44	627.80	1216666.	4.18	291135.	40104.	10.17	0.0210	0. 71. 0.27
MILE 374.23	627.44	1208436.	3.49	345846.	21326.	12.09	0.0210	0. 69. 0.15
MILE 370.03	627.08	1204480.	3.73	322665.	12003.	13.25	0.0210	0. 77. 0.13
MILE 365.82	626.78	1202783.	3.19	377114.	10413.	12.97	0.0210	0. 74. 0.09
MILE 361.62	626.40	1200062.	3.34	359215.	19518.	11.39	0.0210	0. 81. 0.14
MILE 357.41	626.22	1197718.	2.59	463205.	43947.	9.59	0.0210	0. 90. 0.14
MILE 353.21	625.68	1194701.	5.01	238555.	9924.	14.95	0.0230	0. 89. 0.18
MILE 349.00	624.60	1194577.	5.12	233385.	4667.	15.25	0.0240	0. 90. 0.13

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.53	1300000.	8.58	151447.	73368.	11.04	0.0230	0. 75. 1.05
MILE 420.49	648.26	1289169.	3.90	330287.	18859.	8.93	0.0230	0. 69. 0.16
MILE 416.28	645.27	1283891.	4.16	308809.	15613.	7.22	0.0270	0. 66. 0.16
MILE 412.08	643.00	1279306.	8.27	154666.	8562.	11.51	0.0270	0. 66. 0.34
MILE 407.88	639.84	1273931.	5.45	233889.	15906.	8.08	0.0270	0. 64. 0.25
MILE 403.67	637.34	1270756.	3.70	343645.	9294.	5.37	0.0240	0. 64. 0.11
MILE 399.47	635.64	1250825.	5.05	247904.	54347.	8.65	0.0220	0. 72. 0.42
MILE 395.26	632.61	1247228.	6.23	200337.	46716.	8.10	0.0220	0. 74. 0.53
MILE 391.06	630.38	1234571.	6.87	179765.	3831.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.45	1233093.	5.39	228816.	6520.	11.66	0.0210	0. 70. 0.16
MILE 382.64	628.70	1231865.	4.41	279358.	45172.	11.94	0.0210	0. 66. 0.31
MILE 378.44	627.83	1222643.	4.20	291418.	40127.	10.17	0.0210	0. 71. 0.27
MILE 374.23	627.47	1215135.	3.51	346115.	21332.	12.09	0.0210	0. 69. 0.15

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MILE 370.03	627.11	1211533.	3.75	322849.	12005.	13.26	0.0210	0.	77.	0.13
MILE 365.82	626.81	1209995.	3.21	377316.	10415.	12.98	0.0210	0.	74.	0.09
MILE 361.62	626.42	1207540.	3.36	359415.	19522.	11.39	0.0210	0.	81.	0.14
MILE 357.41	626.24	1205418.	2.60	463432.	43957.	9.59	0.0210	0.	90.	0.14
MILE 353.21	625.69	1202689.	5.04	238610.	9925.	14.95	0.0230	0.	89.	0.18
MILE 349.00	624.60	1202589.	5.15	233385.	4667.	15.25	0.0240	0.	90.	0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.57	1300000.	8.58	151577.	73427.	11.04	0.0230	0.	75.	1.05
MILE 420.49	648.30	1289811.	3.90	330677.	18867.	8.93	0.0230	0.	69.	0.16
MILE 416.28	645.32	1284853.	4.16	309177.	15620.	7.22	0.0270	0.	66.	0.16
MILE 412.08	643.05	1280556.	8.27	154828.	8566.	11.51	0.0270	0.	66.	0.34
MILE 407.88	639.90	1275536.	5.45	234214.	15920.	8.08	0.0270	0.	64.	0.25
MILE 403.67	637.40	1272581.	3.70	344207.	9297.	5.37	0.0240	0.	64.	0.11
MILE 399.47	635.70	1254060.	5.05	248247.	54407.	8.65	0.0220	0.	72.	0.42
MILE 395.26	632.66	1250728.	6.23	200687.	46751.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.42	1239082.	6.88	180016.	3832.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.49	1237723.	5.40	229072.	6521.	11.66	0.0210	0.	70.	0.16
MILE 382.64	628.74	1236596.	4.42	279632.	45233.	11.94	0.0210	0.	66.	0.31
MILE 378.44	627.86	1228124.	4.21	291681.	40150.	10.17	0.0210	0.	71.	0.28
MILE 374.23	627.49	1221247.	3.53	346365.	21337.	12.10	0.0210	0.	69.	0.15
MILE 370.03	627.13	1217952.	3.77	323019.	12008.	13.26	0.0210	0.	77.	0.13
MILE 365.82	626.83	1216547.	3.22	377502.	10416.	12.98	0.0210	0.	74.	0.09
MILE 361.62	626.44	1214314.	3.38	359601.	19525.	11.39	0.0210	0.	81.	0.14
MILE 357.41	626.25	1212392.	2.61	463641.	43966.	9.59	0.0210	0.	90.	0.14
MILE 353.21	625.70	1209933.	5.07	238660.	9926.	14.95	0.0230	0.	89.	0.18
MILE 349.00	624.60	1209861.	5.18	233385.	4667.	15.25	0.0240	0.	90.	0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.61	1300000.	8.57	151700.	73482.	11.04	0.0230	0.	75.	1.05
MILE 420.49	648.34	1290433.	3.90	331044.	18875.	8.94	0.0230	0.	69.	0.16
MILE 416.28	645.37	1285784.	4.15	309524.	15627.	7.23	0.0270	0.	66.	0.16
MILE 412.08	643.10	1281761.	8.27	154980.	8569.	11.51	0.0270	0.	66.	0.34
MILE 407.88	639.94	1277079.	5.45	234520.	15933.	8.09	0.0270	0.	64.	0.25
MILE 403.67	637.45	1274331.	3.70	344735.	9300.	5.37	0.0240	0.	64.	0.11
MILE 399.47	635.75	1257127.	5.06	248568.	54464.	8.65	0.0220	0.	72.	0.42
MILE 395.26	632.71	1254040.	6.24	201015.	46783.	8.10	0.0220	0.	74.	0.53

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MILE 391.06	630.46	1243286.	6.90	180250.	3833.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.52	1242034.	5.42	229311.	6522.	11.67	0.0210	0.	70.	0.16
MILE 382.64	628.77	1240997.	4.43	279886.	45290.	11.95	0.0210	0.	66.	0.31
MILE 378.44	627.89	1233202.	4.22	291924.	40170.	10.17	0.0210	0.	71.	0.28
MILE 374.23	627.52	1226887.	3.54	346596.	21343.	12.10	0.0210	0.	69.	0.15
MILE 370.03	627.16	1223864.	3.79	323177.	12010.	13.27	0.0210	0.	77.	0.13
MILE 365.82	626.85	1222578.	3.24	377675.	10417.	12.98	0.0210	0.	74.	0.09
MILE 361.62	626.46	1220537.	3.39	359773.	19528.	11.39	0.0210	0.	81.	0.14
MILE 357.41	626.27	1218786.	2.63	463835.	43974.	9.59	0.0210	0.	90.	0.14
MILE 353.21	625.71	1216554.	5.10	238707.	9926.	14.95	0.0230	0.	89.	0.18
MILE 349.00	624.60	1216498.	5.21	233385.	4667.	15.25	0.0240	0.	90.	0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.65	1300000.	8.56	151814.	73534.	11.04	0.0230	0.	75.	1.05
MILE 420.49	648.38	1291032.	3.90	331389.	18882.	8.94	0.0230	0.	69.	0.16
MILE 416.28	645.41	1286679.	4.15	309850.	15633.	7.23	0.0270	0.	66.	0.16
MILE 412.08	643.14	1282920.	8.27	155122.	8572.	11.52	0.0270	0.	67.	0.34
MILE 407.88	639.99	1278557.	5.45	234807.	15945.	8.09	0.0270	0.	64.	0.25
MILE 403.67	637.50	1276002.	3.70	345232.	9303.	5.37	0.0240	0.	64.	0.11
MILE 399.47	635.80	1260021.	5.06	248869.	54516.	8.65	0.0220	0.	72.	0.42
MILE 395.26	632.76	1257158.	6.24	201321.	46814.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.50	1247211.	6.91	180468.	3834.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.56	1246056.	5.43	229533.	6523.	11.67	0.0210	0.	70.	0.16
MILE 382.64	628.80	1245100.	4.44	280122.	45343.	11.95	0.0210	0.	66.	0.32
MILE 378.44	627.92	1237919.	4.24	292151.	40189.	10.18	0.0210	0.	72.	0.28
MILE 374.23	627.54	1232109.	3.55	346812.	21347.	12.10	0.0210	0.	69.	0.16
MILE 370.03	627.18	1229330.	3.80	323323.	12011.	13.27	0.0210	0.	77.	0.13
MILE 365.82	626.87	1228149.	3.25	377835.	10418.	12.99	0.0210	0.	74.	0.10
MILE 361.62	626.48	1226277.	3.41	359932.	19531.	11.39	0.0210	0.	81.	0.14
MILE 357.41	626.29	1224673.	2.64	464014.	43982.	9.59	0.0210	0.	90.	0.14
MILE 353.21	625.72	1222634.	5.12	238750.	9927.	14.95	0.0230	0.	89.	0.18
MILE 349.00	624.60	1222592.	5.24	233385.	4667.	15.25	0.0240	0.	90.	0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.68	1300000.	8.56	151921.	73583.	11.05	0.0230	0.	75.	1.05
MILE 420.49	648.42	1291604.	3.89	331712.	18889.	8.95	0.0230	0.	69.	0.16
MILE 416.28	645.45	1287530.	4.15	310156.	15639.	7.23	0.0270	0.	66.	0.16

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MILE 412.08	643.18	1284009.	8.27	155256.	8574.	11.52	0.0270	0.	67.	0.34
MILE 407.88	640.04	1279912.	5.45	235055.	15954.	8.09	0.0270	0.	64.	0.25
MILE 403.67	637.55	1277551.	3.70	345698.	9306.	5.38	0.0240	0.	64.	0.11
MILE 399.47	635.85	1262737.	5.07	249151.	54566.	8.66	0.0220	0.	72.	0.42
MILE 395.26	632.80	1260086.	6.25	201607.	46842.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.53	1250879.	6.92	180672.	3835.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.59	1249811.	5.44	229741.	6523.	11.67	0.0210	0.	70.	0.16
MILE 382.64	628.83	1248930.	4.46	280343.	45393.	11.95	0.0210	0.	66.	0.32
MILE 378.44	627.94	1242301.	4.25	292362.	40207.	10.18	0.0210	0.	72.	0.28
MILE 374.23	627.57	1236945.	3.56	347013.	21352.	12.11	0.0210	0.	69.	0.16
MILE 370.03	627.20	1234385.	3.82	323460.	12013.	13.27	0.0210	0.	77.	0.13
MILE 365.82	626.89	1233298.	3.26	377985.	10419.	12.99	0.0210	0.	74.	0.10
MILE 361.62	626.49	1231578.	3.42	360081.	19534.	11.39	0.0210	0.	81.	0.14
MILE 357.41	626.30	1230105.	2.65	464182.	43989.	9.60	0.0210	0.	90.	0.14
MILE 353.21	625.73	1228239.	5.14	238790.	9928.	14.96	0.0230	0.	89.	0.18
MILE 349.00	624.60	1228209.	5.26	233385.	4667.	15.25	0.0240	0.	90.	0.13

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	650.71	1300000.	8.55	152022.	73628.	11.05	0.0230	0.	75.	1.05
MILE 420.49	648.45	1292137.	3.89	332015.	18895.	8.95	0.0230	0.	69.	0.16
MILE 416.28	645.49	1288326.	4.15	310443.	15645.	7.24	0.0270	0.	66.	0.16
MILE 412.08	643.22	1285036.	8.27	155382.	8577.	11.53	0.0270	0.	67.	0.34
MILE 407.88	640.08	1281219.	5.45	235283.	15961.	8.09	0.0270	0.	64.	0.25
MILE 403.67	637.59	1279026.	3.70	346135.	9309.	5.38	0.0240	0.	64.	0.11
MILE 399.47	635.89	1265280.	5.07	249415.	54612.	8.66	0.0220	0.	72.	0.42
MILE 395.26	632.84	1262823.	6.26	201876.	46868.	8.10	0.0220	0.	74.	0.53
MILE 391.06	630.57	1254302.	6.94	180864.	3835.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.62	1253315.	5.45	229935.	6524.	11.68	0.0210	0.	71.	0.16
MILE 382.64	628.86	1252501.	4.46	280549.	45439.	11.95	0.0210	0.	66.	0.32
MILE 378.44	627.97	1246374.	4.26	292560.	40223.	10.18	0.0210	0.	72.	0.28
MILE 374.23	627.59	1241428.	3.58	347200.	21356.	12.11	0.0210	0.	69.	0.16
MILE 370.03	627.22	1239066.	3.83	323588.	12015.	13.27	0.0210	0.	77.	0.13
MILE 365.82	626.91	1238064.	3.27	378124.	10420.	12.99	0.0210	0.	74.	0.10
MILE 361.62	626.51	1236481.	3.43	360220.	19536.	11.39	0.0210	0.	81.	0.14
MILE 357.41	626.31	1235129.	2.66	464338.	43996.	9.60	0.0210	0.	90.	0.14
MILE 353.21	625.74	1233420.	5.16	238828.	9928.	14.96	0.0230	0.	89.	0.19
MILE 349.00	624.60	1233400.	5.28	233385.	4667.	15.25	0.0240	0.	90.	0.13

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

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TIME 15.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.74	1300000.	8.55	152116.	73670.	11.05	0.0230	0. 75. 1.05
MILE 420.49	648.49	1292646.	3.89	332299.	18901.	8.95	0.0230	0. 69. 0.16
MILE 416.28	645.52	1289085.	4.15	310713.	15650.	7.24	0.0270	0. 66. 0.16
MILE 412.08	643.26	1286016.	8.27	155500.	8579.	11.53	0.0270	0. 67. 0.34
MILE 407.88	640.11	1282464.	5.45	235497.	15968.	8.10	0.0270	0. 64. 0.25
MILE 403.67	637.63	1280427.	3.69	346546.	9311.	5.38	0.0240	0. 64. 0.11
MILE 399.47	635.93	1267665.	5.08	249663.	54655.	8.66	0.0220	0. 72. 0.42
MILE 395.26	632.88	1265386.	6.26	202127.	46893.	8.10	0.0220	0. 74. 0.53
MILE 391.06	630.60	1257494.	6.95	181042.	3836.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.65	1256581.	5.46	230117.	6525.	11.68	0.0210	0. 71. 0.16
MILE 382.64	628.88	1255828.	4.47	280742.	45482.	11.96	0.0210	0. 66. 0.32
MILE 378.44	627.99	1250160.	4.27	292745.	40239.	10.18	0.0210	0. 72. 0.28
MILE 374.23	627.61	1245590.	3.59	347375.	21360.	12.11	0.0210	0. 69. 0.16
MILE 370.03	627.23	1243409.	3.84	323707.	12016.	13.28	0.0210	0. 77. 0.13
MILE 365.82	626.92	1242485.	3.28	378255.	10421.	12.99	0.0210	0. 74. 0.10
MILE 361.62	626.52	1241027.	3.44	360350.	19539.	11.39	0.0210	0. 81. 0.14
MILE 357.41	626.33	1239783.	2.67	464484.	44003.	9.60	0.0210	0. 90. 0.14
MILE 353.21	625.75	1238217.	5.18	238863.	9929.	14.96	0.0230	0. 89. 0.19
MILE 349.00	624.60	1238207.	5.31	233385.	4667.	15.25	0.0240	0. 90. 0.13

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.77	1300000.	8.54	152203.	73710.	11.05	0.0230	0. 75. 1.05
MILE 420.49	648.52	1293132.	3.89	332564.	18906.	8.96	0.0230	0. 70. 0.16
MILE 416.28	645.55	1289809.	4.15	310965.	15655.	7.24	0.0270	0. 66. 0.16
MILE 412.08	643.29	1286949.	8.27	155610.	8582.	11.53	0.0270	0. 67. 0.34
MILE 407.88	640.15	1283644.	5.45	235697.	15975.	8.10	0.0270	0. 64. 0.25
MILE 403.67	637.67	1281752.	3.69	346931.	9313.	5.38	0.0240	0. 64. 0.11
MILE 399.47	635.97	1269901.	5.08	249895.	54696.	8.66	0.0220	0. 72. 0.42
MILE 395.26	632.91	1267787.	6.26	202363.	46916.	8.10	0.0220	0. 74. 0.53
MILE 391.06	630.63	1260472.	6.96	181210.	3837.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.67	1259626.	5.47	230287.	6525.	11.68	0.0210	0. 71. 0.16
MILE 382.64	628.91	1258929.	4.48	280922.	45522.	11.96	0.0210	0. 66. 0.32
MILE 378.44	628.01	1253684.	4.28	292917.	40253.	10.18	0.0210	0. 72. 0.28
MILE 374.23	627.63	1249458.	3.60	347539.	21363.	12.11	0.0210	0. 69. 0.16
MILE 370.03	627.25	1247443.	3.85	323819.	12018.	13.28	0.0210	0. 77. 0.13
MILE 365.82	626.94	1246590.	3.29	378377.	10422.	13.00	0.0210	0. 74. 0.10
MILE 361.62	626.53	1245246.	3.45	360471.	19541.	11.40	0.0210	0. 81. 0.14
MILE 357.41	626.34	1244101.	2.68	464621.	44009.	9.60	0.0210	0. 90. 0.15
MILE 353.21	625.76	1242665.	5.20	238896.	9930.	14.96	0.0230	0. 89. 0.19
MILE 349.00	624.60	1242663.	5.32	233385.	4667.	15.25	0.0240	0. 90. 0.13

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TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.79	1300000.	8.54	152285.	73747.	11.05	0.0230	0. 75. 1.05
MILE 420.49	648.54	1293593.	3.89	332812.	18911.	8.96	0.0230	0. 70. 0.16
MILE 416.28	645.58	1290496.	4.15	311201.	15659.	7.24	0.0270	0. 66. 0.16
MILE 412.08	643.32	1287833.	8.27	155713.	8584.	11.54	0.0270	0. 67. 0.34
MILE 407.88	640.18	1284760.	5.45	235885.	15981.	8.10	0.0270	0. 64. 0.25
MILE 403.67	637.70	1283003.	3.69	347293.	9316.	5.38	0.0240	0. 64. 0.11
MILE 399.47	636.01	1271996.	5.09	250112.	54733.	8.67	0.0220	0. 72. 0.42
MILE 395.26	632.95	1270034.	6.27	202584.	46938.	8.10	0.0220	0. 74. 0.53
MILE 391.06	630.65	1263250.	6.97	181367.	3837.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.70	1262467.	5.48	230446.	6526.	11.68	0.0210	0. 71. 0.16
MILE 382.64	628.93	1261821.	4.49	281091.	45560.	11.96	0.0210	0. 66. 0.32
MILE 378.44	628.03	1256964.	4.29	293079.	40267.	10.19	0.0210	0. 72. 0.28
MILE 374.23	627.64	1253056.	3.60	347693.	21366.	12.11	0.0210	0. 69. 0.16
MILE 370.03	627.27	1251192.	3.86	323924.	12019.	13.28	0.0210	0. 77. 0.13
MILE 365.82	626.95	1250405.	3.30	378491.	10423.	13.00	0.0210	0. 74. 0.10
MILE 361.62	626.54	1249166.	3.46	360585.	19543.	11.40	0.0210	0. 81. 0.14
MILE 357.41	626.35	1248112.	2.69	464749.	44014.	9.60	0.0210	0. 90. 0.15
MILE 353.21	625.77	1246794.	5.22	238927.	9930.	14.96	0.0230	0. 89. 0.19
MILE 349.00	624.60	1246799.	5.34	233385.	4667.	15.25	0.0240	0. 90. 0.13

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TIME 18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.82	1300000.	8.53	152361.	73781.	11.05	0.0230	0. 75. 1.05
MILE 420.49	648.57	1294029.	3.89	333044.	18916.	8.96	0.0230	0. 70. 0.16
MILE 416.28	645.61	1291146.	4.15	311422.	15664.	7.24	0.0270	0. 66. 0.16
MILE 412.08	643.35	1288668.	8.27	155809.	8586.	11.54	0.0270	0. 67. 0.34
MILE 407.88	640.22	1285811.	5.45	236060.	15987.	8.10	0.0270	0. 64. 0.25
MILE 403.67	637.74	1284180.	3.69	347632.	9318.	5.38	0.0240	0. 64. 0.11
MILE 399.47	636.04	1273957.	5.09	250315.	54769.	8.67	0.0220	0. 72. 0.42
MILE 395.26	632.98	1272136.	6.27	202791.	46958.	8.10	0.0220	0. 74. 0.53
MILE 391.06	630.68	1265844.	6.97	181514.	3838.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.72	1265117.	5.49	230595.	6526.	11.68	0.0210	0. 71. 0.16
MILE 382.64	628.95	1264519.	4.50	281249.	45596.	11.96	0.0210	0. 66. 0.32
MILE 378.44	628.04	1260020.	4.30	293231.	40280.	10.19	0.0210	0. 72. 0.28
MILE 374.23	627.66	1256403.	3.61	347837.	21370.	12.12	0.0210	0. 69. 0.16
MILE 370.03	627.28	1254680.	3.87	324021.	12020.	13.28	0.0210	0. 77. 0.13
MILE 365.82	626.96	1253953.	3.31	378598.	10423.	13.00	0.0210	0. 74. 0.10

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MILE 361.62	626.56	1252810.	3.47	360692.	19545.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.36	1251839.	2.69	464868.	44020.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.77	1250630.	5.23	238956.	9931.	14.96	0.0230	0.	89.	0.19
MILE 349.00	624.60	1250641.	5.36	233385.	4667.	15.25	0.0240	0.	90.	0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.84	1300000.	8.53	152431.	73813.	11.05	0.0230	0. 75. 1.05
MILE 420.49	648.60	1294441.	3.88	333259.	18921.	8.96	0.0230	0. 70. 0.16
MILE 416.28	645.64	1291759.	4.15	311629.	15668.	7.25	0.0270	0. 66. 0.16
MILE 412.08	643.38	1289455.	8.27	155899.	8588.	11.54	0.0270	0. 67. 0.34
MILE 407.88	640.25	1286801.	5.45	236225.	15993.	8.10	0.0270	0. 64. 0.25
MILE 403.67	637.77	1285287.	3.69	347950.	9319.	5.38	0.0240	0. 64. 0.11
MILE 399.47	636.07	1275793.	5.09	250505.	54802.	8.67	0.0220	0. 72. 0.42
MILE 395.26	633.01	1274102.	6.28	202985.	46977.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.70	1268264.	6.98	181652.	3838.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.74	1267591.	5.49	230734.	6527.	11.69	0.0210	0. 71. 0.16
MILE 382.64	628.97	1267037.	4.50	281397.	45629.	11.97	0.0210	0. 66. 0.32
MILE 378.44	628.06	1262868.	4.30	293373.	40292.	10.19	0.0210	0. 72. 0.28
MILE 374.23	627.67	1259520.	3.62	347971.	21373.	12.12	0.0210	0. 69. 0.16
MILE 370.03	627.29	1257926.	3.88	324113.	12021.	13.29	0.0210	0. 77. 0.13
MILE 365.82	626.98	1257254.	3.32	378698.	10424.	13.00	0.0210	0. 74. 0.10
MILE 361.62	626.57	1256199.	3.48	360791.	19547.	11.40	0.0210	0. 81. 0.14
MILE 357.41	626.37	1255305.	2.70	464980.	44024.	9.60	0.0210	0. 90. 0.15
MILE 353.21	625.78	1254195.	5.25	238983.	9931.	14.96	0.0230	0. 89. 0.19
MILE 349.00	624.60	1254212.	5.37	233385.	4667.	15.25	0.0240	0. 90. 0.13

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TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.86	1300000.	8.52	152497.	73842.	11.05	0.0230	0. 75. 1.05
MILE 420.49	648.62	1294829.	3.88	333461.	18925.	8.97	0.0230	0. 70. 0.16
MILE 416.28	645.66	1292336.	4.14	311822.	15671.	7.25	0.0270	0. 66. 0.16
MILE 412.08	643.41	1290195.	8.27	155984.	8589.	11.55	0.0270	0. 67. 0.34
MILE 407.88	640.27	1287730.	5.45	236379.	15998.	8.10	0.0270	0. 64. 0.25
MILE 403.67	637.80	1286325.	3.69	348247.	9321.	5.38	0.0240	0. 64. 0.11
MILE 399.47	636.10	1277509.	5.10	250684.	54833.	8.67	0.0220	0. 72. 0.42
MILE 395.26	633.04	1275940.	6.28	203167.	46995.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.72	1270523.	6.99	181781.	3839.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.76	1269899.	5.50	230865.	6527.	11.69	0.0210	0. 71. 0.16

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MILE 382.64	628.99	1269385.	4.51	281536.	45660.	11.97	0.0210	0.	66.	0.32
MILE 378.44	628.08	1265523.	4.31	293506.	40303.	10.19	0.0210	0.	72.	0.28
MILE 374.23	627.69	1262423.	3.63	348098.	21375.	12.12	0.0210	0.	69.	0.16
MILE 370.03	627.31	1260949.	3.89	324199.	12022.	13.29	0.0210	0.	77.	0.13
MILE 365.82	626.99	1260327.	3.33	378792.	10425.	13.00	0.0210	0.	74.	0.10
MILE 361.62	626.58	1259354.	3.49	360885.	19548.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.38	1258530.	2.71	465085.	44029.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.79	1257512.	5.26	239009.	9932.	14.96	0.0230	0.	89.	0.19
MILE 349.00	624.60	1257533.	5.39	233385.	4667.	15.25	0.0240	0.	90.	0.13

ODATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.88	1300000.	8.52	152558.	73870.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.64	1295194.	3.88	333648.	18928.	8.97	0.0230	0.	70.	0.16
MILE 416.28	645.69	1292878.	4.14	312002.	15675.	7.25	0.0270	0.	66.	0.16
MILE 412.08	643.43	1290890.	8.27	156062.	8591.	11.55	0.0270	0.	67.	0.34
MILE 407.88	640.30	1288602.	5.45	236523.	16002.	8.11	0.0270	0.	64.	0.25
MILE 403.67	637.82	1287298.	3.69	348526.	9323.	5.38	0.0240	0.	65.	0.11
MILE 399.47	636.13	1279113.	5.10	250851.	54862.	8.67	0.0220	0.	72.	0.42
MILE 395.26	633.06	1277657.	6.28	203337.	47011.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.74	1272632.	7.00	181902.	3839.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.78	1272053.	5.51	230988.	6528.	11.69	0.0210	0.	71.	0.16
MILE 382.64	629.01	1271577.	4.51	281666.	45689.	11.97	0.0210	0.	66.	0.32
MILE 378.44	628.09	1267998.	4.32	293630.	40313.	10.19	0.0210	0.	72.	0.28
MILE 374.23	627.70	1265128.	3.63	348216.	21378.	12.12	0.0210	0.	69.	0.16
MILE 370.03	627.32	1263764.	3.90	324280.	12023.	13.29	0.0210	0.	77.	0.13
MILE 365.82	627.00	1263189.	3.33	378880.	10425.	13.01	0.0210	0.	74.	0.10
MILE 361.62	626.58	1262292.	3.50	360973.	19550.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.39	1261532.	2.71	465184.	44033.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.79	1260598.	5.27	239033.	9932.	14.96	0.0230	0.	89.	0.19
MILE 349.00	624.60	1260622.	5.40	233385.	4667.	15.25	0.0240	0.	90.	0.13

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.89	1300000.	8.52	152614.	73895.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.66	1295536.	3.88	333822.	18932.	8.97	0.0230	0.	70.	0.16
MILE 416.28	645.71	1293386.	4.14	312170.	15678.	7.25	0.0270	0.	67.	0.16
MILE 412.08	643.45	1291541.	8.27	156135.	8592.	11.55	0.0270	0.	67.	0.34
MILE 407.88	640.32	1289418.	5.45	236657.	16007.	8.11	0.0270	0.	64.	0.25

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MILE 403.67	637.85	1288209.	3.69	348788.	9324.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.15	1280612.	5.10	251007.	54889.	8.67	0.0220	0.	72.	0.42
MILE 395.26	633.08	1279261.	6.29	203497.	47027.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.76	1274599.	7.00	182015.	3839.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.80	1274062.	5.51	231102.	6528.	11.69	0.0210	0.	71.	0.16
MILE 382.64	629.02	1273621.	4.52	281788.	45716.	11.97	0.0210	0.	66.	0.32
MILE 378.44	628.10	1270305.	4.32	293747.	40323.	10.19	0.0210	0.	72.	0.28
MILE 374.23	627.71	1267648.	3.64	348326.	21380.	12.12	0.0210	0.	69.	0.16
MILE 370.03	627.33	1266386.	3.90	324355.	12024.	13.29	0.0210	0.	77.	0.13
MILE 365.82	627.01	1265855.	3.34	378962.	10426.	13.01	0.0210	0.	74.	0.10
MILE 361.62	626.59	1265027.	3.50	361055.	19552.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.39	1264327.	2.72	465276.	44037.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.80	1263470.	5.29	239055.	9932.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1263497.	5.41	233385.	4667.	15.25	0.0240	0.	90.	0.13

0DATE 11-16-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	650.91	1300000.	8.52	152666.	73919.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.68	1295856.	3.88	333985.	18935.	8.97	0.0230	0.	70.	0.16
MILE 416.28	645.73	1293862.	4.14	312326.	15681.	7.25	0.0270	0.	67.	0.16
MILE 412.08	643.48	1292151.	8.27	156204.	8594.	11.55	0.0270	0.	67.	0.34
MILE 407.88	640.35	1290181.	5.45	236783.	16011.	8.11	0.0270	0.	64.	0.25
MILE 403.67	637.87	1289061.	3.69	349032.	9326.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.18	1282011.	5.10	251153.	54914.	8.68	0.0220	0.	72.	0.42
MILE 395.26	633.11	1280758.	6.29	203646.	47041.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.78	1276434.	7.01	182121.	3840.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.82	1275936.	5.52	231210.	6529.	11.69	0.0210	0.	71.	0.16
MILE 382.64	629.04	1275528.	4.52	281902.	45741.	11.97	0.0210	0.	66.	0.32
MILE 378.44	628.12	1272456.	4.33	293856.	40332.	10.19	0.0210	0.	72.	0.28
MILE 374.23	627.72	1269996.	3.64	348430.	21383.	12.12	0.0210	0.	69.	0.16
MILE 370.03	627.34	1268828.	3.91	324426.	12025.	13.29	0.0210	0.	77.	0.13
MILE 365.82	627.02	1268338.	3.35	379040.	10426.	13.01	0.0210	0.	74.	0.10
MILE 361.62	626.60	1267574.	3.51	361131.	19553.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.40	1266929.	2.72	465362.	44041.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.80	1266143.	5.30	239076.	9933.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1266173.	5.43	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 626 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 424.70	650.92	1300000.	8.51	152715.	73940.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.70	1296156.	3.88	334135.	18938.	8.97	0.0230	0.	70.	0.16
MILE 416.28	645.75	1294308.	4.14	312472.	15684.	7.25	0.0270	0.	67.	0.16
MILE 412.08	643.49	1292721.	8.27	156268.	8595.	11.55	0.0270	0.	67.	0.34
MILE 407.88	640.37	1290895.	5.45	236901.	16015.	8.11	0.0270	0.	64.	0.25
MILE 403.67	637.90	1289856.	3.69	349261.	9327.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.20	1283317.	5.11	251290.	54938.	8.68	0.0220	0.	72.	0.42
MILE 395.26	633.13	1282155.	6.29	203786.	47055.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.80	1278145.	7.01	182220.	3840.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.83	1277684.	5.52	231310.	6529.	11.69	0.0210	0.	71.	0.16
MILE 382.64	629.05	1277305.	4.53	282009.	45765.	11.97	0.0210	0.	66.	0.32
MILE 378.44	628.13	1274460.	4.34	293959.	40341.	10.19	0.0210	0.	72.	0.28
MILE 374.23	627.74	1272184.	3.65	348527.	21385.	12.12	0.0210	0.	69.	0.16
MILE 370.03	627.35	1271104.	3.92	324492.	12026.	13.30	0.0210	0.	77.	0.13
MILE 365.82	627.03	1270651.	3.35	379112.	10427.	13.01	0.0210	0.	74.	0.10
MILE 361.62	626.61	1269946.	3.52	361203.	19554.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.41	1269353.	2.73	465443.	44045.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.81	1268631.	5.31	239096.	9933.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1268664.	5.44	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	650.94	1300000.	8.51	152760.	73961.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.71	1296437.	3.88	334275.	18941.	8.97	0.0230	0.	70.	0.16
MILE 416.28	645.77	1294724.	4.14	312608.	15687.	7.26	0.0270	0.	67.	0.16
MILE 412.08	643.51	1293254.	8.27	156327.	8596.	11.56	0.0270	0.	67.	0.34
MILE 407.88	640.39	1291561.	5.45	237010.	16019.	8.11	0.0270	0.	64.	0.25
MILE 403.67	637.92	1290599.	3.69	349475.	9328.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.22	1284535.	5.11	251417.	54960.	8.68	0.0220	0.	72.	0.42
MILE 395.26	633.15	1283458.	6.29	203917.	47068.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.82	1279741.	7.02	182314.	3841.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.85	1279313.	5.53	231405.	6529.	11.70	0.0210	0.	71.	0.16
MILE 382.64	629.06	1278963.	4.53	282109.	45788.	11.98	0.0210	0.	66.	0.32
MILE 378.44	628.14	1276328.	4.34	294055.	40349.	10.20	0.0210	0.	72.	0.28
MILE 374.23	627.75	1274222.	3.66	348618.	21387.	12.12	0.0210	0.	69.	0.16
MILE 370.03	627.36	1273223.	3.92	324554.	12027.	13.30	0.0210	0.	77.	0.13
MILE 365.82	627.03	1272805.	3.36	379179.	10427.	13.01	0.0210	0.	74.	0.10
MILE 361.62	626.62	1272155.	3.52	361271.	19555.	11.40	0.0210	0.	81.	0.14
MILE 357.41	626.41	1271609.	2.73	465519.	44048.	9.60	0.0210	0.	90.	0.15
MILE 353.21	625.81	1270948.	5.32	239114.	9933.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1270982.	5.45	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TVA

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	650.95	1300000.	8.51	152801.	73979.	11.06	0.0230	0. 75. 1.04
MILE	420.49	648.73	1296698.	3.88	334405.	18944.	8.98	0.0230	0. 70. 0.16
MILE	416.28	645.78	1295112.	4.14	312734.	15689.	7.26	0.0270	0. 67. 0.16
MILE	412.08	643.53	1293751.	8.27	156382.	8597.	11.56	0.0270	0. 67. 0.34
MILE	407.88	640.40	1292183.	5.45	237113.	16022.	8.11	0.0270	0. 64. 0.25
MILE	403.67	637.94	1291292.	3.69	349675.	9329.	5.39	0.0240	0. 65. 0.11
MILE	399.47	636.24	1285670.	5.11	251537.	54981.	8.68	0.0220	0. 72. 0.42
MILE	395.26	633.17	1284672.	6.30	204040.	47080.	8.10	0.0220	0. 75. 0.53
MILE	391.06	630.83	1281227.	7.02	182401.	3841.	11.55	0.0220	0. 64. 0.18
MILE	386.85	629.86	1280832.	5.53	231493.	6530.	11.70	0.0210	0. 71. 0.16
MILE	382.64	629.08	1280507.	4.54	282202.	45808.	11.98	0.0210	0. 66. 0.32
MILE	378.44	628.15	1278068.	4.35	294145.	40356.	10.20	0.0210	0. 72. 0.28
MILE	374.23	627.76	1276121.	3.66	348704.	21388.	12.13	0.0210	0. 69. 0.16
MILE	370.03	627.37	1275197.	3.93	324612.	12028.	13.30	0.0210	0. 77. 0.13
MILE	365.82	627.04	1274811.	3.36	379243.	10428.	13.01	0.0210	0. 74. 0.10
MILE	361.62	626.62	1274212.	3.53	361334.	19557.	11.40	0.0210	0. 81. 0.14
MILE	357.41	626.42	1273709.	2.74	465589.	44051.	9.60	0.0210	0. 90. 0.15
MILE	353.21	625.82	1273104.	5.32	239132.	9934.	14.97	0.0230	0. 89. 0.19
MILE	349.00	624.60	1273139.	5.46	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME	3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	650.96	1300000.	8.51	152840.	73997.	11.06	0.0230	0. 75. 1.04
MILE	420.49	648.74	1296943.	3.88	334526.	18946.	8.98	0.0230	0. 70. 0.16
MILE	416.28	645.80	1295474.	4.14	312852.	15691.	7.26	0.0270	0. 67. 0.16
MILE	412.08	643.55	1294215.	8.27	156434.	8598.	11.56	0.0270	0. 67. 0.34
MILE	407.88	640.42	1292763.	5.45	237208.	16025.	8.11	0.0270	0. 64. 0.25
MILE	403.67	637.96	1291938.	3.69	349861.	9331.	5.39	0.0240	0. 65. 0.11
MILE	399.47	636.26	1286729.	5.11	251648.	55000.	8.68	0.0220	0. 72. 0.42
MILE	395.26	633.18	1285804.	6.30	204154.	47091.	8.10	0.0220	0. 75. 0.53
MILE	391.06	630.84	1282613.	7.03	182482.	3841.	11.55	0.0220	0. 64. 0.18
MILE	386.85	629.87	1282246.	5.54	231575.	6530.	11.70	0.0210	0. 71. 0.16
MILE	382.64	629.09	1281946.	4.54	282290.	45828.	11.98	0.0210	0. 66. 0.32
MILE	378.44	628.16	1279689.	4.35	294229.	40363.	10.20	0.0210	0. 72. 0.28
MILE	374.23	627.76	1277889.	3.66	348783.	21390.	12.13	0.0210	0. 69. 0.16
MILE	370.03	627.38	1277035.	3.93	324666.	12028.	13.30	0.0210	0. 77. 0.13
MILE	365.82	627.05	1276679.	3.37	379302.	10428.	13.01	0.0210	0. 74. 0.10
MILE	361.62	626.63	1276127.	3.53	361393.	19558.	11.40	0.0210	0. 81. 0.14
MILE	357.41	626.43	1275665.	2.74	465656.	44054.	9.61	0.0210	0. 90. 0.15
MILE	353.21	625.82	1275110.	5.33	239148.	9934.	14.97	0.0230	0. 89. 0.19

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MILE 349.00 624.60 1275147. 5.46 233385. 4667. 15.25 0.0240 0. 90. 0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.97	1300000.	8.50	152875.	74013.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.75	1297170.	3.88	334637.	18949.	8.98	0.0230	0. 70. 0.16
MILE 416.28	645.81	1295812.	4.14	312961.	15693.	7.26	0.0270	0. 67. 0.16
MILE 412.08	643.56	1294647.	8.27	156481.	8599.	11.56	0.0270	0. 67. 0.34
MILE 407.88	640.44	1293303.	5.45	237297.	16028.	8.11	0.0270	0. 64. 0.25
MILE 403.67	637.97	1292540.	3.69	350036.	9332.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.28	1287715.	5.12	251753.	55018.	8.68	0.0220	0. 72. 0.42
MILE 395.26	633.20	1286858.	6.30	204262.	47101.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.86	1283903.	7.03	182558.	3842.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.88	1283564.	5.54	231652.	6530.	11.70	0.0210	0. 71. 0.16
MILE 382.64	629.10	1283286.	4.54	282372.	45846.	11.98	0.0210	0. 66. 0.32
MILE 378.44	628.17	1281199.	4.35	294308.	40370.	10.20	0.0210	0. 72. 0.28
MILE 374.23	627.77	1279535.	3.67	348858.	21392.	12.13	0.0210	0. 69. 0.16
MILE 370.03	627.38	1278747.	3.94	324717.	12029.	13.30	0.0210	0. 77. 0.13
MILE 365.82	627.06	1278418.	3.37	379357.	10429.	13.01	0.0210	0. 74. 0.10
MILE 361.62	626.63	1277910.	3.54	361448.	19559.	11.40	0.0210	0. 81. 0.14
MILE 357.41	626.43	1277485.	2.74	465718.	44057.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.82	1276977.	5.34	239163.	9934.	14.97	0.0230	0. 89. 0.19
MILE 349.00	624.60	1277014.	5.47	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.98	1300000.	8.50	152908.	74027.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.76	1297382.	3.88	334741.	18951.	8.98	0.0230	0. 70. 0.16
MILE 416.28	645.82	1296127.	4.14	313063.	15695.	7.26	0.0270	0. 67. 0.16
MILE 412.08	643.57	1295049.	8.27	156526.	8600.	11.56	0.0270	0. 67. 0.34
MILE 407.88	640.45	1293806.	5.45	237381.	16031.	8.11	0.0270	0. 64. 0.25
MILE 403.67	637.99	1293100.	3.69	350199.	9332.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.29	1288633.	5.12	251850.	55035.	8.68	0.0220	0. 72. 0.42
MILE 395.26	633.21	1287840.	6.30	204362.	47111.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.87	1285104.	7.04	182630.	3842.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.89	1284791.	5.54	231724.	6531.	11.70	0.0210	0. 71. 0.16
MILE 382.64	629.11	1284533.	4.55	282448.	45863.	11.98	0.0210	0. 66. 0.32
MILE 378.44	628.18	1282604.	4.36	294381.	40376.	10.20	0.0210	0. 72. 0.28
MILE 374.23	627.78	1281067.	3.67	348927.	21393.	12.13	0.0210	0. 69. 0.16

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
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MILE 370.03	627.39	1280339.	3.94	324764.	12030.	13.30	0.0210	0.	77.	0.13
MILE 365.82	627.06	1280036.	3.37	379409.	10429.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.64	1279568.	3.54	361500.	19560.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.44	1279178.	2.75	465775.	44059.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.83	1278714.	5.35	239177.	9934.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1278752.	5.48	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	650.99	1300000.	8.50	152938.	74041.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.78	1297580.	3.88	334837.	18953.	8.98	0.0230	0. 70. 0.16
MILE 416.28	645.84	1296420.	4.14	313157.	15697.	7.26	0.0270	0. 67. 0.16
MILE 412.08	643.59	1295424.	8.27	156567.	8601.	11.56	0.0270	0. 67. 0.34
MILE 407.88	640.47	1294274.	5.45	237458.	16033.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.00	1293621.	3.69	350351.	9333.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.31	1289487.	5.12	251941.	55051.	8.68	0.0220	0. 72. 0.42
MILE 395.26	633.23	1288754.	6.30	204456.	47120.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.88	1286223.	7.04	182696.	3842.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.90	1285932.	5.55	231792.	6531.	11.70	0.0210	0. 71. 0.16
MILE 382.64	629.12	1285694.	4.55	282520.	45879.	11.98	0.0210	0. 66. 0.32
MILE 378.44	628.19	1283912.	4.36	294450.	40382.	10.20	0.0210	0. 72. 0.28
MILE 374.23	627.79	1282492.	3.67	348993.	21395.	12.13	0.0210	0. 69. 0.16
MILE 370.03	627.40	1281821.	3.95	324808.	12030.	13.30	0.0210	0. 77. 0.13
MILE 365.82	627.07	1281542.	3.38	379458.	10429.	13.02	0.0210	0. 74. 0.10
MILE 361.62	626.64	1281112.	3.54	361548.	19560.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.44	1280753.	2.75	465830.	44062.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.83	1280330.	5.35	239190.	9935.	14.97	0.0230	0. 89. 0.19
MILE 349.00	624.60	1280367.	5.49	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.00	1300000.	8.50	152966.	74053.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.79	1297764.	3.87	334926.	18955.	8.98	0.0230	0. 70. 0.16
MILE 416.28	645.85	1296692.	4.14	313244.	15699.	7.26	0.0270	0. 67. 0.16
MILE 412.08	643.60	1295772.	8.27	156606.	8602.	11.56	0.0270	0. 67. 0.34
MILE 407.88	640.48	1294710.	5.45	237530.	16036.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.02	1294107.	3.69	350493.	9334.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.32	1290282.	5.12	252025.	55065.	8.68	0.0220	0. 72. 0.42
MILE 395.26	633.24	1289604.	6.30	204543.	47128.	8.10	0.0220	0. 75. 0.53

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MILE 391.06	630.89	1287263.	7.04	182758.	3842.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.91	1286995.	5.55	231855.	6531.	11.70	0.0210	0.	71.	0.16
MILE 382.64	629.13	1286775.	4.55	282587.	45894.	11.98	0.0210	0.	66.	0.32
MILE 378.44	628.19	1285128.	4.36	294514.	40387.	10.20	0.0210	0.	72.	0.28
MILE 374.23	627.79	1283818.	3.68	349054.	21396.	12.13	0.0210	0.	69.	0.16
MILE 370.03	627.40	1283199.	3.95	324850.	12031.	13.30	0.0210	0.	77.	0.13
MILE 365.82	627.07	1282942.	3.38	379503.	10430.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.65	1282547.	3.55	361594.	19561.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.44	1282218.	2.75	465880.	44064.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.83	1281831.	5.36	239203.	9935.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1281869.	5.49	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.01	1300000.	8.50	152991.	74065.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.79	1297935.	3.87	335008.	18956.	8.98	0.0230	0.	70.	0.16
MILE 416.28	645.86	1296945.	4.14	313326.	15700.	7.26	0.0270	0.	67.	0.16
MILE 412.08	643.61	1296097.	8.27	156641.	8603.	11.56	0.0270	0.	67.	0.34
MILE 407.88	640.49	1295115.	5.45	237597.	16038.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.03	1294558.	3.69	350625.	9335.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.33	1291022.	5.12	252104.	55079.	8.68	0.0220	0.	72.	0.42
MILE 395.26	633.25	1290395.	6.31	204625.	47136.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.90	1288230.	7.05	182816.	3842.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.92	1287983.	5.55	231913.	6531.	11.70	0.0210	0.	71.	0.16
MILE 382.64	629.14	1287780.	4.56	282649.	45908.	11.98	0.0210	0.	66.	0.32
MILE 378.44	628.20	1286259.	4.37	294574.	40392.	10.20	0.0210	0.	72.	0.28
MILE 374.23	627.80	1285051.	3.68	349110.	21397.	12.13	0.0210	0.	69.	0.16
MILE 370.03	627.41	1284481.	3.95	324889.	12031.	13.30	0.0210	0.	77.	0.13
MILE 365.82	627.08	1284244.	3.38	379545.	10430.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.65	1283881.	3.55	361636.	19562.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.45	1283579.	2.75	465927.	44066.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.84	1283227.	5.36	239214.	9935.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1283264.	5.50	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.02	1300000.	8.50	153015.	74076.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.80	1298094.	3.87	335084.	18958.	8.98	0.0230	0.	70.	0.16
MILE 416.28	645.87	1297181.	4.14	313401.	15702.	7.26	0.0270	0.	67.	0.16

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MILE 412.08	643.62	1296398.	8.27	156675.	8603.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.50	1295491.	5.45	237660.	16040.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.04	1294977.	3.69	350748.	9336.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.35	1291709.	5.12	252178.	55092.	8.68	0.0220	0.	72.	0.42
MILE 395.26	633.26	1291129.	6.31	204701.	47143.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.91	1289130.	7.05	182871.	3843.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.93	1288901.	5.56	231968.	6531.	11.70	0.0210	0.	71.	0.16
MILE 382.64	629.14	1288714.	4.56	282707.	45921.	11.98	0.0210	0.	66.	0.32
MILE 378.44	628.21	1287311.	4.37	294630.	40397.	10.20	0.0210	0.	72.	0.29
MILE 374.23	627.81	1286198.	3.68	349164.	21399.	12.13	0.0210	0.	69.	0.16
MILE 370.03	627.41	1285672.	3.96	324925.	12032.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.08	1285454.	3.39	379585.	10430.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.66	1285121.	3.55	361675.	19563.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.45	1284844.	2.76	465972.	44068.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.84	1284524.	5.37	239225.	9935.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1284560.	5.50	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	651.02	1300000.	8.49	153037.	74085.	11.06	0.0230	0.	75.	1.04
MILE 420.49	648.81	1298241.	3.87	335155.	18959.	8.98	0.0230	0.	70.	0.16
MILE 416.28	645.88	1297400.	4.14	313471.	15703.	7.26	0.0270	0.	67.	0.16
MILE 412.08	643.63	1296677.	8.27	156705.	8604.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.51	1295841.	5.45	237718.	16042.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.05	1295366.	3.69	350863.	9336.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.36	1292348.	5.12	252247.	55104.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.27	1291812.	6.31	204772.	47150.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.92	1289966.	7.05	182921.	3843.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.94	1289754.	5.56	232020.	6532.	11.70	0.0210	0.	71.	0.16
MILE 382.64	629.15	1289582.	4.56	282762.	45933.	11.98	0.0210	0.	66.	0.32
MILE 378.44	628.21	1288289.	4.37	294683.	40401.	10.20	0.0210	0.	72.	0.29
MILE 374.23	627.81	1287263.	3.69	349213.	21400.	12.13	0.0210	0.	69.	0.16
MILE 370.03	627.42	1286779.	3.96	324959.	12032.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.09	1286579.	3.39	379621.	10430.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.66	1286273.	3.56	361712.	19563.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.46	1286020.	2.76	466013.	44070.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.84	1285728.	5.37	239235.	9935.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1285764.	5.51	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
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TIME 11.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.03	1300000.	8.49	153057.	74094.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.82	1298379.	3.87	335220.	18961.	8.98	0.0230	0. 70. 0.16
MILE 416.28	645.89	1297603.	4.14	313536.	15704.	7.26	0.0270	0. 67. 0.16
MILE 412.08	643.64	1296937.	8.27	156734.	8605.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.52	1296165.	5.45	237772.	16044.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.06	1295728.	3.69	350970.	9337.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.37	1292941.	5.12	252311.	55115.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.28	1292447.	6.31	204838.	47157.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.93	1290742.	7.05	182968.	3843.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.95	1290547.	5.56	232067.	6532.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.16	1290388.	4.56	282813.	45945.	11.99	0.0210	0. 66. 0.32
MILE 378.44	628.22	1289196.	4.37	294732.	40405.	10.20	0.0210	0. 72. 0.29
MILE 374.23	627.82	1288252.	3.69	349259.	21401.	12.13	0.0210	0. 69. 0.16
MILE 370.03	627.42	1287807.	3.96	324990.	12032.	13.31	0.0210	0. 77. 0.13
MILE 365.82	627.09	1287623.	3.39	379656.	10431.	13.02	0.0210	0. 74. 0.10
MILE 361.62	626.67	1287343.	3.56	361746.	19564.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.46	1287111.	2.76	466051.	44071.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.84	1286846.	5.38	239245.	9935.	14.97	0.0230	0. 89. 0.19
MILE 349.00	624.60	1286882.	5.51	233385.	4667.	15.25	0.0240	0. 90. 0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.04	1300000.	8.49	153075.	74103.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.83	1298506.	3.87	335280.	18962.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.89	1297791.	4.14	313596.	15706.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.65	1297178.	8.27	156760.	8605.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.53	1296467.	5.45	237822.	16046.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.07	1296063.	3.69	351070.	9337.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.38	1293492.	5.13	252370.	55125.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.29	1293036.	6.31	204900.	47163.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.93	1291463.	7.06	183012.	3843.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.95	1291284.	5.56	232112.	6532.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.16	1291137.	4.56	282860.	45955.	11.99	0.0210	0. 66. 0.32
MILE 378.44	628.22	1290039.	4.38	294777.	40409.	10.20	0.0210	0. 72. 0.29
MILE 374.23	627.82	1289170.	3.69	349303.	21402.	12.13	0.0210	0. 69. 0.16
MILE 370.03	627.43	1288761.	3.97	325019.	12033.	13.31	0.0210	0. 77. 0.13
MILE 365.82	627.10	1288592.	3.39	379688.	10431.	13.02	0.0210	0. 74. 0.10
MILE 361.62	626.67	1288336.	3.56	361778.	19565.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.46	1288124.	2.76	466087.	44073.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.84	1287884.	5.38	239254.	9936.	14.97	0.0230	0. 89. 0.19
MILE 349.00	624.60	1287918.	5.52	233385.	4667.	15.25	0.0240	0. 90. 0.14

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Appendix I		Checked	WBB

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME	13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	651.04	1300000.	8.49	153092.	74110.	11.06	0.0230	0. 75. 1.04
MILE	420.49	648.83	1298624.	3.87	335335.	18963.	8.99	0.0230	0. 70. 0.16
MILE	416.28	645.90	1297966.	4.14	313651.	15707.	7.27	0.0270	0. 67. 0.16
MILE	412.08	643.65	1297402.	8.28	156785.	8606.	11.57	0.0270	0. 67. 0.34
MILE	407.88	640.54	1296746.	5.45	237869.	16047.	8.12	0.0270	0. 64. 0.25
MILE	403.67	638.08	1296374.	3.69	351162.	9338.	5.39	0.0240	0. 65. 0.11
MILE	399.47	636.39	1294003.	5.13	252426.	55135.	8.69	0.0220	0. 72. 0.42
MILE	395.26	633.30	1293582.	6.31	204957.	47168.	8.10	0.0220	0. 75. 0.53
MILE	391.06	630.94	1292133.	7.06	183053.	3843.	11.55	0.0220	0. 64. 0.18
MILE	386.85	629.96	1291967.	5.57	232153.	6532.	11.71	0.0210	0. 71. 0.16
MILE	382.64	629.17	1291832.	4.57	282904.	45965.	11.99	0.0210	0. 66. 0.32
MILE	378.44	628.23	1290822.	4.38	294820.	40413.	10.20	0.0210	0. 72. 0.29
MILE	374.23	627.83	1290023.	3.69	349343.	21402.	12.13	0.0210	0. 69. 0.16
MILE	370.03	627.43	1289647.	3.97	325047.	12033.	13.31	0.0210	0. 77. 0.13
MILE	365.82	627.10	1289492.	3.40	379718.	10431.	13.02	0.0210	0. 74. 0.10
MILE	361.62	626.67	1289257.	3.56	361808.	19565.	11.40	0.0210	0. 81. 0.15
MILE	357.41	626.46	1289064.	2.77	466120.	44074.	9.61	0.0210	0. 90. 0.15
MILE	353.21	625.85	1288846.	5.39	239262.	9936.	14.97	0.0230	0. 89. 0.19
MILE	349.00	624.60	1288880.	5.52	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME	14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	651.05	1300000.	8.49	153108.	74117.	11.06	0.0230	0. 75. 1.04
MILE	420.49	648.84	1298733.	3.87	335386.	18964.	8.99	0.0230	0. 70. 0.16
MILE	416.28	645.91	1298128.	4.14	313703.	15708.	7.27	0.0270	0. 67. 0.16
MILE	412.08	643.66	1297609.	8.28	156807.	8606.	11.57	0.0270	0. 67. 0.34
MILE	407.88	640.55	1297005.	5.45	237912.	16049.	8.12	0.0270	0. 64. 0.25
MILE	403.67	638.09	1296663.	3.69	351249.	9339.	5.39	0.0240	0. 65. 0.11
MILE	399.47	636.39	1294477.	5.13	252477.	55143.	8.69	0.0220	0. 72. 0.42
MILE	395.26	633.31	1294089.	6.31	205011.	47173.	8.10	0.0220	0. 75. 0.53
MILE	391.06	630.95	1292753.	7.06	183091.	3843.	11.55	0.0220	0. 64. 0.18
MILE	386.85	629.97	1292601.	5.57	232192.	6532.	11.71	0.0210	0. 71. 0.16
MILE	382.64	629.17	1292476.	4.57	282945.	45974.	11.99	0.0210	0. 66. 0.32
MILE	378.44	628.23	1291548.	4.38	294859.	40416.	10.20	0.0210	0. 72. 0.29
MILE	374.23	627.83	1290814.	3.69	349380.	21403.	12.13	0.0210	0. 69. 0.16
MILE	370.03	627.43	1290469.	3.97	325072.	12033.	13.31	0.0210	0. 77. 0.13
MILE	365.82	627.10	1290327.	3.40	379745.	10431.	13.02	0.0210	0. 74. 0.10

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 361.62	626.67	1290112.	3.57	361836.	19566.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.47	1289936.	2.77	466151.	44076.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.85	1289738.	5.39	239269.	9936.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1289772.	5.53	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.05	1300000.	8.49	153122.	74124.	11.06	0.0230	0. 75. 1.04
MILE 420.49	648.84	1298835.	3.87	335433.	18965.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.91	1298279.	4.14	313750.	15709.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.67	1297801.	8.28	156828.	8606.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.55	1297245.	5.45	237953.	16050.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.10	1296930.	3.69	351329.	9339.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.40	1294916.	5.13	252525.	55152.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.32	1294559.	6.31	205061.	47178.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.95	1293329.	7.06	183127.	3844.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.97	1293189.	5.57	232228.	6532.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.18	1293074.	4.57	282983.	45983.	11.99	0.0210	0. 66. 0.32
MILE 378.44	628.24	1292221.	4.38	294896.	40419.	10.20	0.0210	0. 72. 0.29
MILE 374.23	627.83	1291547.	3.70	349415.	21404.	12.13	0.0210	0. 69. 0.16
MILE 370.03	627.44	1291230.	3.97	325096.	12034.	13.31	0.0210	0. 77. 0.13
MILE 365.82	627.11	1291100.	3.40	379771.	10431.	13.02	0.0210	0. 74. 0.10
MILE 361.62	626.68	1290904.	3.57	361862.	19566.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.47	1290744.	2.77	466180.	44077.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.85	1290565.	5.39	239277.	9936.	14.97	0.0230	0. 89. 0.19
MILE 349.00	624.60	1290598.	5.53	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.05	1300000.	8.49	153135.	74129.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.85	1298929.	3.87	335477.	18966.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.92	1298418.	4.14	313794.	15709.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.67	1297979.	8.28	156848.	8607.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.56	1297468.	5.45	237990.	16051.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.10	1297178.	3.69	351403.	9339.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.41	1295324.	5.13	252570.	55159.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.32	1294995.	6.31	205107.	47183.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.96	1293863.	7.06	183160.	3844.	11.55	0.0220	0. 64. 0.18
MILE 386.85	629.98	1293734.	5.57	232261.	6532.	11.71	0.0210	0. 71. 0.16

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 635 of 690
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MILE 382.64	629.18	1293629.	4.57	283019.	45991.	11.99	0.0210	0.	66.	0.32
MILE 378.44	628.24	1292845.	4.38	294930.	40422.	10.20	0.0210	0.	72.	0.29
MILE 374.23	627.84	1292227.	3.70	349448.	21405.	12.13	0.0210	0.	69.	0.16
MILE 370.03	627.44	1291936.	3.97	325118.	12034.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.11	1291817.	3.40	379795.	10432.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.68	1291638.	3.57	361886.	19567.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.47	1291492.	2.77	466207.	44078.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.85	1291332.	5.40	239283.	9936.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1291363.	5.53	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.06	1300000.	8.49	153147.	74135.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.85	1299016.	3.87	335517.	18967.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.92	1298547.	4.14	313835.	15710.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.68	1298143.	8.28	156866.	8607.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.57	1297673.	5.45	238025.	16052.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.11	1297407.	3.69	351472.	9340.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.42	1295701.	5.13	252611.	55167.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.33	1295399.	6.31	205150.	47187.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.96	1294358.	7.07	183191.	3844.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.98	1294239.	5.57	232292.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.19	1294142.	4.57	283052.	45998.	11.99	0.0210	0.	66.	0.32
MILE 378.44	628.24	1293423.	4.39	294962.	40425.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.84	1292856.	3.70	349478.	21405.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.44	1292590.	3.98	325139.	12034.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.11	1292482.	3.40	379818.	10432.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.68	1292319.	3.57	361908.	19567.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.47	1292186.	2.77	466232.	44079.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.85	1292041.	5.40	239289.	9936.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1292071.	5.54	233385.	4667.	15.25	0.0240	0.	90.	0.14

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.06	1300000.	8.49	153158.	74140.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.86	1299097.	3.87	335554.	18967.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.93	1298666.	4.14	313872.	15711.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.68	1298296.	8.28	156883.	8608.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.57	1297864.	5.45	238057.	16053.	8.12	0.0270	0.	64.	0.25

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MILE 403.67	638.12	1297620.	3.69	351536.	9340.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.42	1296050.	5.13	252649.	55173.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.34	1295773.	6.31	205190.	47191.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.97	1294816.	7.07	183219.	3844.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.99	1294707.	5.57	232321.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.19	1294618.	4.57	283083.	46005.	11.99	0.0210	0.	66.	0.32
MILE 378.44	628.25	1293958.	4.39	294992.	40427.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.84	1293439.	3.70	349506.	21406.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.45	1293196.	3.98	325158.	12034.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.11	1293097.	3.40	379839.	10432.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.68	1292948.	3.57	361929.	19567.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.48	1292828.	2.77	466255.	44080.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.85	1292697.	5.40	239295.	9936.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1292727.	5.54	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	651.06	1300000.	8.49	153168.	74144.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.86	1299171.	3.87	335588.	18968.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.93	1298776.	4.14	313907.	15712.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.69	1298437.	8.28	156898.	8608.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.58	1298040.	5.45	238086.	16054.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.12	1297816.	3.69	351596.	9341.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.43	1296374.	5.13	252685.	55179.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.34	1296119.	6.32	205227.	47194.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.97	1295240.	7.07	183246.	3844.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.99	1295140.	5.57	232348.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.20	1295058.	4.57	283111.	46011.	11.99	0.0210	0.	66.	0.32
MILE 378.44	628.25	1294454.	4.39	295019.	40429.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.85	1293979.	3.70	349532.	21407.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.45	1293757.	3.98	325176.	12035.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.12	1293666.	3.41	379858.	10432.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.69	1293531.	3.57	361948.	19568.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.48	1293422.	2.77	466277.	44081.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1293305.	5.40	239300.	9936.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1293333.	5.54	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							

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MILE 424.70	651.07	1300000.	8.49	153177.	74148.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.86	1299240.	3.87	335619.	18969.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.94	1298878.	4.14	313939.	15712.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.69	1298567.	8.28	156912.	8608.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.58	1298203.	5.45	238114.	16055.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.13	1297998.	3.69	351651.	9341.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.43	1296673.	5.13	252718.	55185.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.35	1296439.	6.32	205262.	47198.	8.10	0.0220	0.	75.	0.53
MILE 391.06	630.98	1295632.	7.07	183271.	3844.	11.55	0.0220	0.	64.	0.18
MILE 386.85	629.99	1295540.	5.58	232373.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.20	1295466.	4.58	283138.	46017.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.25	1294913.	4.39	295045.	40432.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.85	1294478.	3.70	349556.	21407.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.45	1294275.	3.98	325192.	12035.	13.31	0.0210	0.	77.	0.13
MILE 365.82	627.12	1294192.	3.41	379876.	10432.	13.02	0.0210	0.	74.	0.10
MILE 361.62	626.69	1294070.	3.58	361966.	19568.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.48	1293971.	2.77	466297.	44082.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1293866.	5.41	239305.	9936.	14.97	0.0230	0.	89.	0.19
MILE 349.00	624.60	1293894.	5.54	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.07	1300000.	8.49	153186.	74152.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.87	1299304.	3.87	335648.	18969.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.94	1298972.	4.14	313969.	15713.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.70	1298687.	8.28	156925.	8608.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.59	1298354.	5.45	238140.	16056.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.13	1298165.	3.69	351702.	9341.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.44	1296950.	5.13	252749.	55190.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.35	1296735.	6.32	205294.	47201.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.98	1295995.	7.07	183294.	3844.	11.55	0.0220	0. 64. 0.18
MILE 386.85	630.00	1295911.	5.58	232396.	6533.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.20	1295843.	4.58	283163.	46023.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.26	1295337.	4.39	295069.	40434.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.85	1294940.	3.70	349579.	21408.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.45	1294754.	3.98	325207.	12035.	13.31	0.0210	0. 77. 0.13
MILE 365.82	627.12	1294679.	3.41	379893.	10432.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.69	1294568.	3.58	361983.	19568.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.48	1294478.	2.78	466316.	44083.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.86	1294385.	5.41	239310.	9937.	14.97	0.0230	0. 89. 0.19
MILE 349.00	624.60	1294412.	5.55	233385.	4667.	15.25	0.0240	0. 90. 0.14

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			JTS
			WBB

TIME	22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW	DEPTH	FROUDE									
MILE	424.70	651.07	1300000.	8.49	153193.	74156.	11.07	0.0230	0.	75.	1.04
MILE	420.49	648.87	1299363.	3.87	335674.	18970.	8.99	0.0230	0.	70.	0.16
MILE	416.28	645.94	1299059.	4.14	313996.	15713.	7.27	0.0270	0.	67.	0.16
MILE	412.08	643.70	1298799.	8.28	156937.	8609.	11.57	0.0270	0.	67.	0.34
MILE	407.88	640.59	1298493.	5.45	238163.	16057.	8.12	0.0270	0.	64.	0.25
MILE	403.67	638.14	1298320.	3.69	351750.	9341.	5.39	0.0240	0.	65.	0.11
MILE	399.47	636.44	1297206.	5.13	252777.	55195.	8.69	0.0220	0.	72.	0.42
MILE	395.26	633.36	1297008.	6.32	205324.	47203.	8.10	0.0220	0.	75.	0.53
MILE	391.06	630.99	1296330.	7.07	183315.	3844.	11.55	0.0220	0.	64.	0.18
MILE	386.85	630.00	1296254.	5.58	232418.	6533.	11.71	0.0210	0.	71.	0.16
MILE	382.64	629.21	1296191.	4.58	283186.	46028.	11.99	0.0210	0.	66.	0.33
MILE	378.44	628.26	1295728.	4.39	295091.	40435.	10.21	0.0210	0.	72.	0.29
MILE	374.23	627.85	1295366.	3.71	349600.	21408.	12.14	0.0210	0.	69.	0.16
MILE	370.03	627.46	1295197.	3.98	325222.	12035.	13.31	0.0210	0.	77.	0.14
MILE	365.82	627.12	1295129.	3.41	379908.	10432.	13.03	0.0210	0.	74.	0.10
MILE	361.62	626.69	1295028.	3.58	361998.	19569.	11.40	0.0210	0.	81.	0.15
MILE	357.41	626.48	1294947.	2.78	466333.	44084.	9.61	0.0210	0.	90.	0.15
MILE	353.21	625.86	1294864.	5.41	239314.	9937.	14.98	0.0230	0.	89.	0.19
MILE	349.00	624.60	1294890.	5.55	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-17-08 SteadyState - 100K to 1300K Guntersville

TIME	23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW	DEPTH	FROUDE									
MILE	424.70	651.07	1300000.	8.49	153200.	74159.	11.07	0.0230	0.	75.	1.04
MILE	420.49	648.87	1299417.	3.87	335698.	18970.	8.99	0.0230	0.	70.	0.16
MILE	416.28	645.95	1299140.	4.14	314021.	15714.	7.27	0.0270	0.	67.	0.16
MILE	412.08	643.70	1298901.	8.28	156949.	8609.	11.57	0.0270	0.	67.	0.34
MILE	407.88	640.59	1298622.	5.45	238185.	16058.	8.12	0.0270	0.	64.	0.25
MILE	403.67	638.14	1298463.	3.69	351794.	9342.	5.39	0.0240	0.	65.	0.11
MILE	399.47	636.45	1297442.	5.13	252804.	55200.	8.69	0.0220	0.	72.	0.42
MILE	395.26	633.36	1297261.	6.32	205351.	47206.	8.10	0.0220	0.	75.	0.53
MILE	391.06	630.99	1296639.	7.07	183335.	3844.	11.55	0.0220	0.	64.	0.18
MILE	386.85	630.00	1296569.	5.58	232440.	6533.	11.71	0.0210	0.	71.	0.16
MILE	382.64	629.21	1296512.	4.58	283207.	46033.	11.99	0.0210	0.	66.	0.33
MILE	378.44	628.26	1296090.	4.39	295111.	40437.	10.21	0.0210	0.	72.	0.29
MILE	374.23	627.86	1295760.	3.71	349619.	21408.	12.14	0.0210	0.	69.	0.16
MILE	370.03	627.46	1295607.	3.98	325235.	12035.	13.31	0.0210	0.	77.	0.14
MILE	365.82	627.12	1295544.	3.41	379923.	10432.	13.03	0.0210	0.	74.	0.10
MILE	361.62	626.69	1295453.	3.58	362013.	19569.	11.40	0.0210	0.	81.	0.15
MILE	357.41	626.48	1295380.	2.78	466349.	44084.	9.61	0.0210	0.	90.	0.15
MILE	353.21	625.86	1295306.	5.41	239318.	9937.	14.98	0.0230	0.	89.	0.19

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MILE 349.00 624.60 1295331. 5.55 233385. 4667. 15.25 0.0240 0. 90. 0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.08	1300000.	8.49	153207.	74162.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.88	1299467.	3.87	335720.	18971.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.95	1299214.	4.14	314044.	15714.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.71	1298996.	8.28	156959.	8609.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.60	1298740.	5.45	238205.	16058.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.15	1298595.	3.69	351834.	9342.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.45	1297660.	5.13	252828.	55204.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.36	1297494.	6.32	205377.	47209.	8.10	0.0220	0. 75. 0.53
MILE 391.06	630.99	1296924.	7.07	183353.	3844.	11.55	0.0220	0. 64. 0.18
MILE 386.85	630.01	1296859.	5.58	232460.	6533.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.21	1296807.	4.58	283227.	46037.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.26	1296423.	4.39	295130.	40439.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.86	1296123.	3.71	349637.	21409.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.46	1295984.	3.98	325247.	12036.	13.31	0.0210	0. 77. 0.14
MILE 365.82	627.13	1295928.	3.41	379936.	10432.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.69	1295845.	3.58	362026.	19569.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.49	1295780.	2.78	466364.	44085.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.86	1295715.	5.41	239322.	9937.	14.98	0.0230	0. 89. 0.19
MILE 349.00	624.60	1295738.	5.55	233385.	4667.	15.25	0.0240	0. 90. 0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.08	1300000.	8.48	153212.	74164.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.88	1299513.	3.87	335741.	18971.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.95	1299282.	4.14	314065.	15715.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.71	1299083.	8.28	156968.	8609.	11.57	0.0270	0. 67. 0.34
MILE 407.88	640.60	1298849.	5.45	238224.	16059.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.15	1298717.	3.69	351872.	9342.	5.39	0.0240	0. 65. 0.11
MILE 399.47	636.46	1297860.	5.13	252851.	55208.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.37	1297709.	6.32	205400.	47211.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.00	1297187.	7.07	183370.	3845.	11.55	0.0220	0. 64. 0.18
MILE 386.85	630.01	1297128.	5.58	232478.	6533.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.21	1297081.	4.58	283245.	46041.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.27	1296731.	4.39	295148.	40440.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.86	1296458.	3.71	349654.	21409.	12.14	0.0210	0. 69. 0.16

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MILE 370.03	627.46	1296332.	3.99	325258.	12036.	13.31	0.0210	0.	77.	0.14
MILE 365.82	627.13	1296281.	3.41	379948.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1296206.	3.58	362038.	19569.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1296148.	2.78	466378.	44086.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1296091.	5.42	239325.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1296113.	5.55	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.08	1300000.	8.48	153218.	74167.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.88	1299556.	3.87	335759.	18972.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.96	1299345.	4.14	314085.	15715.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.71	1299164.	8.28	156977.	8609.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.60	1298950.	5.45	238241.	16059.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.15	1298829.	3.69	351907.	9342.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.46	1298045.	5.13	252872.	55212.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.37	1297907.	6.32	205422.	47213.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.00	1297431.	7.07	183386.	3845.	11.55	0.0220	0.	64.	0.18
MILE 386.85	630.01	1297377.	5.58	232495.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.22	1297333.	4.58	283262.	46045.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.27	1297015.	4.39	295164.	40441.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.86	1296767.	3.71	349669.	21410.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.46	1296652.	3.99	325269.	12036.	13.31	0.0210	0.	77.	0.14
MILE 365.82	627.13	1296606.	3.41	379960.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1296539.	3.58	362050.	19570.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1296487.	2.78	466390.	44086.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1296437.	5.42	239329.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1296459.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.08	1300000.	8.48	153222.	74169.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.88	1299595.	3.87	335776.	18972.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.96	1299403.	4.14	314102.	15715.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.71	1299238.	8.28	156985.	8610.	11.57	0.0270	0.	67.	0.34
MILE 407.88	640.61	1299043.	5.45	238257.	16060.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.16	1298932.	3.69	351939.	9342.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.46	1298216.	5.13	252891.	55215.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.37	1298089.	6.32	205443.	47215.	8.10	0.0220	0.	75.	0.53

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MILE 391.06	631.00	1297655.	7.08	183400.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.01	1297606.	5.58	232511.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.22	1297566.	4.58	283277.	46048.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.27	1297277.	4.39	295179.	40443.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.86	1297052.	3.71	349683.	21410.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.46	1296948.	3.99	325279.	12036.	13.31	0.0210	0.	77.	0.14
MILE 365.82	627.13	1296906.	3.41	379970.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1296846.	3.58	362060.	19570.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1296800.	2.78	466402.	44087.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1296756.	5.42	239331.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1296777.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.08	1300000.	8.48	153227.	74171.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.88	1299631.	3.87	335792.	18972.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.96	1299456.	4.14	314119.	15716.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.72	1299306.	8.28	156992.	8610.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.61	1299128.	5.45	238272.	16060.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.16	1299027.	3.69	351969.	9343.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.47	1298373.	5.13	252909.	55218.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.38	1298258.	6.32	205461.	47217.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.00	1297862.	7.08	183414.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.02	1297817.	5.58	232525.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.22	1297781.	4.58	283292.	46052.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.27	1297518.	4.40	295193.	40444.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.87	1297314.	3.71	349697.	21410.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.47	1297220.	3.99	325288.	12036.	13.31	0.0210	0.	77.	0.14
MILE 365.82	627.13	1297183.	3.41	379980.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1297129.	3.58	362070.	19570.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1297087.	2.78	466413.	44087.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1297049.	5.42	239334.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1297069.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.08	1300000.	8.48	153231.	74172.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.89	1299664.	3.87	335806.	18973.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.96	1299505.	4.14	314134.	15716.	7.27	0.0270	0.	67.	0.16

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MILE 412.08	643.72	1299368.	8.28	156999.	8610.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.61	1299206.	5.45	238285.	16061.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.16	1299115.	3.69	351996.	9343.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.47	1298518.	5.13	252926.	55221.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.38	1298413.	6.32	205479.	47218.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.01	1298052.	7.08	183426.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.02	1298011.	5.58	232539.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.22	1297979.	4.58	283305.	46055.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.27	1297740.	4.40	295206.	40445.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.87	1297556.	3.71	349709.	21410.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.47	1297471.	3.99	325296.	12036.	13.31	0.0210	0.	77.	0.14
MILE 365.82	627.13	1297437.	3.41	379989.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1297389.	3.58	362079.	19570.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1297352.	2.78	466423.	44088.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1297319.	5.42	239337.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1297338.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.08	1300000.	8.48	153234.	74174.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.89	1299695.	3.87	335819.	18973.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.96	1299550.	4.14	314148.	15716.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.72	1299426.	8.28	157005.	8610.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.61	1299278.	5.45	238298.	16061.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.16	1299195.	3.69	352021.	9343.	5.39	0.0240	0.	65.	0.11
MILE 399.47	636.47	1298652.	5.13	252941.	55223.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.38	1298556.	6.32	205495.	47220.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.01	1298227.	7.08	183438.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.02	1298190.	5.58	232551.	6533.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.22	1298161.	4.58	283318.	46057.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.27	1297945.	4.40	295218.	40446.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.87	1297778.	3.71	349720.	21411.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.47	1297702.	3.99	325304.	12036.	13.31	0.0210	0.	77.	0.14
MILE 365.82	627.13	1297671.	3.41	379998.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1297628.	3.58	362087.	19570.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1297596.	2.78	466432.	44088.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.86	1297568.	5.42	239339.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1297586.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153237.	74175.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.89	1299723.	3.87	335831.	18973.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.97	1299592.	4.14	314161.	15716.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.72	1299479.	8.28	157011.	8610.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.62	1299345.	5.45	238309.	16062.	8.12	0.0270	0.	64. 0.25
MILE	403.67	638.17	1299269.	3.69	352045.	9343.	5.39	0.0240	0.	65. 0.11
MILE	399.47	636.47	1298775.	5.13	252955.	55226.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.38	1298687.	6.32	205510.	47221.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.01	1298389.	7.08	183448.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.02	1298355.	5.58	232563.	6533.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.23	1298328.	4.58	283329.	46060.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.28	1298133.	4.40	295229.	40447.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.87	1297983.	3.71	349731.	21411.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.47	1297914.	3.99	325311.	12036.	13.31	0.0210	0.	77. 0.14
MILE	365.82	627.13	1297886.	3.42	380005.	10433.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.70	1297848.	3.58	362095.	19570.	11.40	0.0210	0.	81. 0.15
MILE	357.41	626.49	1297819.	2.78	466441.	44088.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1297795.	5.42	239341.	9937.	14.98	0.0230	0.	89. 0.19
MILE	349.00	624.60	1297813.	5.56	233385.	4667.	15.25	0.0240	0.	90. 0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME	8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153240.	74177.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.89	1299749.	3.87	335842.	18973.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.97	1299630.	4.14	314172.	15717.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.72	1299527.	8.28	157016.	8610.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.62	1299406.	5.45	238320.	16062.	8.12	0.0270	0.	64. 0.25
MILE	403.67	638.17	1299337.	3.69	352066.	9343.	5.39	0.0240	0.	65. 0.11
MILE	399.47	636.47	1298887.	5.13	252968.	55228.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.39	1298808.	6.32	205523.	47223.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.01	1298537.	7.08	183458.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.02	1298506.	5.58	232574.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.23	1298482.	4.58	283340.	46062.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.28	1298306.	4.40	295240.	40448.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.87	1298171.	3.71	349740.	21411.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.47	1298108.	3.99	325317.	12036.	13.31	0.0210	0.	77. 0.14
MILE	365.82	627.14	1298084.	3.42	380012.	10433.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.70	1298050.	3.58	362102.	19571.	11.40	0.0210	0.	81. 0.15
MILE	357.41	626.49	1298025.	2.78	466449.	44089.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1298005.	5.42	239343.	9937.	14.98	0.0230	0.	89. 0.19
MILE	349.00	624.60	1298021.	5.56	233385.	4667.	15.25	0.0240	0.	90. 0.14

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ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME	9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153243.	74178.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.89	1299772.	3.87	335852.	18974.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.97	1299665.	4.14	314183.	15717.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.73	1299572.	8.28	157021.	8610.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.62	1299462.	5.45	238330.	16062.	8.12	0.0270	0.	64. 0.25
MILE	403.67	638.17	1299400.	3.69	352086.	9343.	5.40	0.0240	0.	65. 0.11
MILE	399.47	636.48	1298991.	5.13	252980.	55230.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.39	1298919.	6.32	205536.	47224.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.01	1298673.	7.08	183467.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.02	1298646.	5.58	232584.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.23	1298624.	4.58	283350.	46064.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.28	1298465.	4.40	295249.	40449.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.87	1298343.	3.71	349749.	21411.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.47	1298287.	3.99	325323.	12037.	13.31	0.0210	0.	77. 0.14
MILE	365.82	627.14	1298266.	3.42	380019.	10433.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.70	1298236.	3.59	362109.	19571.	11.40	0.0210	0.	81. 0.15
MILE	357.41	626.49	1298213.	2.78	466456.	44089.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1298197.	5.42	239345.	9937.	14.98	0.0230	0.	89. 0.19
MILE	349.00	624.60	1298212.	5.56	233385.	4667.	15.25	0.0240	0.	90. 0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME	10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153245.	74179.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.89	1299794.	3.87	335861.	18974.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.97	1299697.	4.14	314192.	15717.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.73	1299613.	8.28	157026.	8610.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.62	1299513.	5.45	238339.	16063.	8.12	0.0270	0.	64. 0.25
MILE	403.67	638.17	1299457.	3.69	352104.	9343.	5.40	0.0240	0.	65. 0.11
MILE	399.47	636.48	1299086.	5.13	252991.	55232.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.39	1299021.	6.32	205548.	47225.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.01	1298798.	7.08	183475.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.03	1298773.	5.58	232593.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.23	1298754.	4.58	283359.	46067.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.28	1298611.	4.40	295258.	40449.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.87	1298501.	3.71	349757.	21411.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.47	1298451.	3.99	325329.	12037.	13.31	0.0210	0.	77. 0.14
MILE	365.82	627.14	1298432.	3.42	380025.	10433.	13.03	0.0210	0.	74. 0.10

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MILE 361.62	626.70	1298406.	3.59	362115.	19571.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1298386.	2.78	466463.	44089.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1298373.	5.42	239347.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1298387.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153247.	74180.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.89	1299814.	3.87	335869.	18974.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.97	1299726.	4.14	314201.	15717.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.73	1299651.	8.28	157030.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.62	1299560.	5.45	238347.	16063.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.17	1299509.	3.69	352121.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.48	1299174.	5.14	253001.	55234.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.39	1299114.	6.32	205558.	47226.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.01	1298913.	7.08	183483.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.03	1298891.	5.58	232601.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.23	1298873.	4.58	283367.	46068.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.28	1298744.	4.40	295266.	40450.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.87	1298646.	3.71	349765.	21412.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.47	1298602.	3.99	325334.	12037.	13.32	0.0210	0. 77. 0.14
MILE 365.82	627.14	1298585.	3.42	380031.	10433.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.70	1298562.	3.59	362120.	19571.	11.40	0.0210	0. 81. 0.15
MILE 357.41	626.49	1298545.	2.78	466469.	44090.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.87	1298534.	5.43	239348.	9937.	14.98	0.0230	0. 89. 0.19
MILE 349.00	624.60	1298548.	5.56	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153249.	74181.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.89	1299832.	3.87	335876.	18974.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.97	1299753.	4.14	314209.	15717.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.73	1299685.	8.28	157033.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.62	1299603.	5.45	238354.	16063.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.18	1299557.	3.69	352137.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.48	1299254.	5.14	253011.	55235.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.39	1299200.	6.32	205568.	47227.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.02	1299018.	7.08	183490.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.03	1298998.	5.58	232609.	6534.	11.71	0.0210	0. 71. 0.16

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MILE 382.64	629.23	1298982.	4.58	283375.	46070.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1298867.	4.40	295273.	40451.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.87	1298779.	3.71	349772.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.47	1298740.	3.99	325339.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1298724.	3.42	380036.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.70	1298704.	3.59	362126.	19571.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.49	1298690.	2.78	466475.	44090.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1298681.	5.43	239350.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1298695.	5.56	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153251.	74181.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.89	1299849.	3.87	335883.	18974.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.97	1299778.	4.14	314217.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299716.	8.28	157037.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299643.	5.45	238361.	16063.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299601.	3.69	352151.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.48	1299327.	5.14	253019.	55237.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.39	1299279.	6.32	205577.	47228.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299115.	7.08	183497.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299097.	5.58	232616.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.23	1299082.	4.58	283382.	46072.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1298979.	4.40	295280.	40451.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.87	1298901.	3.71	349778.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.47	1298866.	3.99	325343.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1298852.	3.42	380041.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1298835.	3.59	362130.	19571.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.50	1298822.	2.78	466480.	44090.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1298816.	5.43	239351.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1298829.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153252.	74182.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.89	1299864.	3.87	335889.	18974.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.97	1299800.	4.14	314224.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299745.	8.28	157040.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299679.	5.45	238368.	16064.	8.12	0.0270	0.	64.	0.25

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MILE 403.67	638.18	1299642.	3.69	352164.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.48	1299394.	5.14	253027.	55238.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.39	1299351.	6.32	205586.	47229.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299203.	7.08	183503.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299187.	5.58	232622.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.23	1299174.	4.58	283388.	46073.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1299082.	4.40	295286.	40452.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299012.	3.71	349784.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1298981.	3.99	325347.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1298969.	3.42	380045.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1298954.	3.59	362135.	19571.	11.40	0.0210	0.	81.	0.15
MILE 357.41	626.50	1298944.	2.78	466485.	44090.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1298939.	5.43	239352.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1298951.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153254.	74183.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299878.	3.87	335894.	18974.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.97	1299821.	4.14	314230.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299772.	8.28	157043.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299712.	5.45	238374.	16064.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299678.	3.69	352176.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299456.	5.14	253034.	55240.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299416.	6.32	205593.	47229.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299284.	7.08	183508.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299269.	5.59	232628.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.23	1299258.	4.58	283394.	46074.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1299176.	4.40	295292.	40452.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299114.	3.71	349790.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299087.	3.99	325351.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299076.	3.42	380049.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299063.	3.59	362139.	19571.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299054.	2.78	466490.	44091.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299051.	5.43	239353.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299063.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

TVA

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
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MILE 424.70	651.09	1300000.	8.48	153255.	74183.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299891.	3.87	335899.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299840.	4.14	314235.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299796.	8.28	157045.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299742.	5.45	238379.	16064.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299712.	3.69	352187.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299512.	5.14	253041.	55241.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299476.	6.32	205600.	47230.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299358.	7.08	183513.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299345.	5.59	232634.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.23	1299334.	4.58	283400.	46076.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1299262.	4.40	295297.	40453.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299207.	3.71	349795.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299183.	3.99	325354.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299174.	3.42	380053.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299163.	3.59	362142.	19571.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299155.	2.78	466494.	44091.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299154.	5.43	239354.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299165.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153256.	74184.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299902.	3.87	335904.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299857.	4.14	314240.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299818.	8.28	157047.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299770.	5.45	238384.	16064.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299743.	3.69	352197.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299563.	5.14	253047.	55242.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299531.	6.32	205607.	47231.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299425.	7.08	183518.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299413.	5.59	232639.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.23	1299404.	4.58	283405.	46077.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1299340.	4.40	295302.	40453.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299292.	3.71	349799.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299271.	3.99	325358.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299263.	3.42	380056.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299253.	3.59	362146.	19571.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299247.	2.79	466497.	44091.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299247.	5.43	239355.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299258.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153257.	74184.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299913.	3.87	335908.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299873.	4.14	314245.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299837.	8.28	157050.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299795.	5.45	238388.	16064.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299771.	3.69	352206.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299610.	5.14	253053.	55243.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299581.	6.32	205613.	47231.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299487.	7.08	183522.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299476.	5.59	232644.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299468.	4.59	283409.	46078.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.28	1299411.	4.40	295307.	40453.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299369.	3.71	349804.	21412.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299351.	3.99	325360.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299344.	3.42	380059.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299336.	3.59	362149.	19571.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299331.	2.79	466501.	44091.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299332.	5.43	239356.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299342.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153258.	74185.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299923.	3.87	335911.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299887.	4.14	314249.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.73	1299856.	8.28	157051.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299818.	5.45	238392.	16064.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299796.	3.69	352215.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299652.	5.14	253058.	55244.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299627.	6.32	205618.	47232.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299543.	7.08	183526.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299533.	5.59	232648.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299526.	4.59	283414.	46079.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299476.	4.40	295311.	40454.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299440.	3.71	349807.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299423.	3.99	325363.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299418.	3.42	380062.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299411.	3.59	362152.	19571.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299408.	2.79	466504.	44091.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299410.	5.43	239357.	9937.	14.98	0.0230	0.	89.	0.19

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MILE 349.00 624.60 1299419. 5.57 233385. 4667. 15.25 0.0240 0. 90. 0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153258.	74185.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1299932.	3.87	335914.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1299900.	4.14	314253.	15718.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1299872.	8.28	157053.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.63	1299838.	5.45	238396.	16064.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.18	1299819.	3.69	352222.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.49	1299691.	5.14	253063.	55244.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.40	1299669.	6.32	205623.	47232.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.02	1299594.	7.08	183530.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.03	1299585.	5.59	232652.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.24	1299579.	4.59	283417.	46080.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.29	1299535.	4.40	295315.	40454.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.88	1299504.	3.71	349811.	21413.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.48	1299490.	3.99	325366.	12037.	13.32	0.0210	0. 77. 0.14
MILE 365.82	627.14	1299485.	3.42	380065.	10433.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.71	1299480.	3.59	362154.	19572.	11.41	0.0210	0. 81. 0.15
MILE 357.41	626.50	1299477.	2.79	466507.	44091.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.87	1299480.	5.43	239358.	9937.	14.98	0.0230	0. 89. 0.19
MILE 349.00	624.60	1299489.	5.57	233385.	4667.	15.25	0.0240	0. 90. 0.14

ODATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153259.	74185.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1299940.	3.87	335917.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1299912.	4.14	314256.	15718.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1299887.	8.28	157055.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.63	1299857.	5.45	238399.	16065.	8.12	0.0270	0. 64. 0.25
MILE 403.67	638.18	1299840.	3.69	352229.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.49	1299726.	5.14	253067.	55245.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.40	1299706.	6.32	205628.	47233.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.02	1299640.	7.08	183533.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.03	1299633.	5.59	232655.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.24	1299627.	4.59	283421.	46080.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.29	1299589.	4.40	295318.	40454.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.88	1299562.	3.72	349814.	21413.	12.14	0.0210	0. 69. 0.16

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MILE 370.03	627.48	1299550.	3.99	325368.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299546.	3.42	380067.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299542.	3.59	362157.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299540.	2.79	466510.	44091.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299543.	5.43	239358.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299552.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153260.	74185.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299947.	3.87	335920.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299922.	4.14	314259.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299901.	8.28	157056.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299874.	5.45	238402.	16065.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.18	1299860.	3.69	352236.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299759.	5.14	253071.	55246.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299741.	6.32	205632.	47233.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299682.	7.08	183536.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.03	1299676.	5.59	232659.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299671.	4.59	283424.	46081.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299638.	4.40	295321.	40455.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299615.	3.72	349817.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299604.	3.99	325370.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299601.	3.42	380069.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299598.	3.59	362159.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299597.	2.79	466512.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299601.	5.43	239359.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299609.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-18-08 SteadyState - 100K to 1300K Guntersville

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153260.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299953.	3.87	335922.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299932.	4.14	314262.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299913.	8.28	157058.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299890.	5.45	238405.	16065.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299877.	3.69	352242.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299788.	5.14	253075.	55246.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299772.	6.32	205636.	47233.	8.10	0.0220	0.	75.	0.53

TVA

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 391.06	631.02	1299721.	7.08	183539.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299715.	5.59	232662.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299711.	4.59	283427.	46082.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299682.	4.40	295324.	40455.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299662.	3.72	349820.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299654.	3.99	325372.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299651.	3.42	380071.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299649.	3.59	362161.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299649.	2.79	466514.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299653.	5.43	239360.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299661.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153260.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299959.	3.87	335924.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299941.	4.14	314265.	15718.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299924.	8.28	157059.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299904.	5.45	238408.	16065.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299893.	3.69	352247.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299814.	5.14	253078.	55247.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299800.	6.32	205639.	47234.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.02	1299755.	7.08	183542.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299750.	5.59	232664.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299747.	4.59	283430.	46082.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299723.	4.40	295327.	40455.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299706.	3.72	349822.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299699.	3.99	325373.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299697.	3.42	380073.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299695.	3.59	362163.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299695.	2.79	466516.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299700.	5.43	239360.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299707.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299965.	3.87	335926.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299949.	4.14	314267.	15718.	7.27	0.0270	0.	67.	0.16

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 412.08	643.74	1299934.	8.28	157060.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.63	1299917.	5.45	238410.	16065.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299907.	3.69	352252.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299838.	5.14	253081.	55248.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299826.	6.32	205643.	47234.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1299787.	7.08	183544.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299782.	5.59	232667.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299779.	4.59	283432.	46083.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299759.	4.40	295329.	40455.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299745.	3.72	349825.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299739.	3.99	325375.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299738.	3.42	380075.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299737.	3.59	362164.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299737.	2.79	466518.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299743.	5.43	239361.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299749.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299970.	3.87	335927.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299956.	4.14	314269.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299944.	8.28	157061.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1299928.	5.45	238412.	16065.	8.12	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299920.	3.69	352256.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.49	1299859.	5.14	253084.	55248.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.40	1299849.	6.32	205646.	47234.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1299815.	7.08	183546.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299811.	5.59	232669.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299809.	4.59	283435.	46083.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299792.	4.40	295331.	40455.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299780.	3.72	349827.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299776.	3.99	325376.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299774.	3.42	380076.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299774.	3.59	362166.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299775.	2.79	466520.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299781.	5.43	239361.	9937.	14.98	0.0230	0.	89.	0.19
MILE 349.00	624.60	1299787.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	3.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.90	1299974.	3.87	335929.	18975.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.98	1299962.	4.14	314271.	15719.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.74	1299952.	8.28	157062.	8611.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.64	1299938.	5.45	238414.	16065.	8.12	0.0270	0.	64. 0.25
MILE	403.67	638.19	1299931.	3.69	352260.	9344.	5.40	0.0240	0.	65. 0.11
MILE	399.47	636.49	1299879.	5.14	253086.	55248.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.40	1299870.	6.32	205648.	47235.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.03	1299841.	7.08	183548.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.04	1299838.	5.59	232671.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.24	1299835.	4.59	283437.	46084.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.29	1299821.	4.40	295333.	40456.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.88	1299812.	3.72	349829.	21413.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.48	1299809.	3.99	325377.	12037.	13.32	0.0210	0.	77. 0.14
MILE	365.82	627.14	1299808.	3.42	380078.	10433.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.71	1299808.	3.59	362167.	19572.	11.41	0.0210	0.	81. 0.15
MILE	357.41	626.50	1299810.	2.79	466521.	44092.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1299815.	5.43	239361.	9937.	14.98	0.0230	0.	89. 0.19
MILE	349.00	624.60	1299821.	5.57	233385.	4667.	15.25	0.0240	0.	90. 0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME	4.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.90	1299978.	3.87	335930.	18975.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.98	1299968.	4.14	314272.	15719.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.74	1299959.	8.28	157062.	8611.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.64	1299948.	5.45	238416.	16065.	8.12	0.0270	0.	64. 0.25
MILE	403.67	638.19	1299942.	3.69	352264.	9344.	5.40	0.0240	0.	65. 0.11
MILE	399.47	636.49	1299897.	5.14	253088.	55249.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.40	1299889.	6.32	205651.	47235.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.03	1299864.	7.08	183550.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.04	1299861.	5.59	232673.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.24	1299859.	4.59	283439.	46084.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.29	1299848.	4.40	295335.	40456.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.88	1299841.	3.72	349830.	21413.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.48	1299838.	3.99	325379.	12037.	13.32	0.0210	0.	77. 0.14
MILE	365.82	627.14	1299838.	3.42	380079.	10433.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.71	1299838.	3.59	362168.	19572.	11.41	0.0210	0.	81. 0.15
MILE	357.41	626.50	1299840.	2.79	466523.	44092.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1299846.	5.43	239362.	9937.	14.98	0.0230	0.	89. 0.19
MILE	349.00	624.60	1299852.	5.57	233385.	4667.	15.25	0.0240	0.	90. 0.14

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME	5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0. 75. 1.04
MILE	420.49	648.90	1299981.	3.87	335931.	18975.	8.99	0.0230	0. 70. 0.16
MILE	416.28	645.98	1299973.	4.14	314274.	15719.	7.27	0.0270	0. 67. 0.16
MILE	412.08	643.74	1299966.	8.28	157063.	8611.	11.58	0.0270	0. 67. 0.34
MILE	407.88	640.64	1299956.	5.45	238417.	16065.	8.12	0.0270	0. 64. 0.25
MILE	403.67	638.19	1299951.	3.69	352267.	9344.	5.40	0.0240	0. 65. 0.11
MILE	399.47	636.49	1299912.	5.14	253090.	55249.	8.69	0.0220	0. 72. 0.42
MILE	395.26	633.40	1299906.	6.32	205653.	47235.	8.10	0.0220	0. 75. 0.53
MILE	391.06	631.03	1299884.	7.08	183551.	3845.	11.55	0.0220	0. 65. 0.18
MILE	386.85	630.04	1299882.	5.59	232675.	6534.	11.71	0.0210	0. 71. 0.16
MILE	382.64	629.24	1299881.	4.59	283440.	46085.	11.99	0.0210	0. 66. 0.33
MILE	378.44	628.29	1299872.	4.40	295337.	40456.	10.21	0.0210	0. 72. 0.29
MILE	374.23	627.88	1299866.	3.72	349832.	21413.	12.14	0.0210	0. 69. 0.16
MILE	370.03	627.48	1299865.	3.99	325380.	12037.	13.32	0.0210	0. 77. 0.14
MILE	365.82	627.14	1299864.	3.42	380080.	10433.	13.03	0.0210	0. 74. 0.10
MILE	361.62	626.71	1299866.	3.59	362170.	19572.	11.41	0.0210	0. 81. 0.15
MILE	357.41	626.50	1299868.	2.79	466524.	44092.	9.61	0.0210	0. 90. 0.15
MILE	353.21	625.87	1299874.	5.43	239362.	9937.	14.98	0.0230	0. 89. 0.19
MILE	349.00	624.60	1299879.	5.57	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME	6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW	DEPTH	FROUDE							
MILE	424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0. 75. 1.04
MILE	420.49	648.90	1299985.	3.87	335932.	18975.	8.99	0.0230	0. 70. 0.16
MILE	416.28	645.98	1299978.	4.14	314275.	15719.	7.27	0.0270	0. 67. 0.16
MILE	412.08	643.74	1299972.	8.28	157064.	8611.	11.58	0.0270	0. 67. 0.34
MILE	407.88	640.64	1299964.	5.45	238419.	16065.	8.13	0.0270	0. 64. 0.25
MILE	403.67	638.19	1299959.	3.69	352270.	9344.	5.40	0.0240	0. 65. 0.11
MILE	399.47	636.50	1299926.	5.14	253092.	55250.	8.69	0.0220	0. 72. 0.42
MILE	395.26	633.40	1299921.	6.32	205655.	47235.	8.10	0.0220	0. 75. 0.53
MILE	391.06	631.03	1299903.	7.08	183553.	3845.	11.55	0.0220	0. 65. 0.18
MILE	386.85	630.04	1299901.	5.59	232676.	6534.	11.71	0.0210	0. 71. 0.16
MILE	382.64	629.24	1299900.	4.59	283442.	46085.	11.99	0.0210	0. 66. 0.33
MILE	378.44	628.29	1299893.	4.40	295338.	40456.	10.21	0.0210	0. 72. 0.29
MILE	374.23	627.88	1299889.	3.72	349833.	21413.	12.14	0.0210	0. 69. 0.16
MILE	370.03	627.48	1299888.	3.99	325381.	12037.	13.32	0.0210	0. 77. 0.14
MILE	365.82	627.14	1299889.	3.42	380081.	10433.	13.03	0.0210	0. 74. 0.10

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 361.62	626.71	1299890.	3.59	362171.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299892.	2.79	466525.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299899.	5.43	239362.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1299903.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 7.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1299987.	3.87	335933.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1299982.	4.14	314276.	15719.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1299977.	8.28	157064.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.64	1299970.	5.45	238420.	16065.	8.13	0.0270	0. 64. 0.25
MILE 403.67	638.19	1299967.	3.69	352273.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.50	1299939.	5.14	253094.	55250.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.41	1299934.	6.32	205657.	47235.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.03	1299920.	7.08	183554.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.04	1299918.	5.59	232678.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.24	1299917.	4.59	283443.	46085.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.29	1299912.	4.40	295339.	40456.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.88	1299910.	3.72	349834.	21413.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.48	1299910.	4.00	325382.	12037.	13.32	0.0210	0. 77. 0.14
MILE 365.82	627.14	1299910.	3.42	380082.	10433.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.71	1299912.	3.59	362172.	19572.	11.41	0.0210	0. 81. 0.15
MILE 357.41	626.50	1299914.	2.79	466526.	44092.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.87	1299921.	5.43	239363.	9937.	14.98	0.0230	0. 89. 0.20
MILE 349.00	624.60	1299925.	5.57	233385.	4667.	15.25	0.0240	0. 90. 0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 8.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1299990.	3.87	335933.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1299986.	4.14	314277.	15719.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1299982.	8.28	157065.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.64	1299976.	5.45	238421.	16065.	8.13	0.0270	0. 64. 0.25
MILE 403.67	638.19	1299973.	3.69	352275.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.50	1299951.	5.14	253095.	55250.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.41	1299947.	6.32	205658.	47236.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.03	1299935.	7.08	183555.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.04	1299934.	5.59	232679.	6534.	11.71	0.0210	0. 71. 0.16

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 382.64	629.24	1299933.	4.59	283445.	46086.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299930.	4.40	295341.	40456.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299928.	3.72	349836.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299929.	4.00	325382.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299929.	3.42	380083.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299931.	3.59	362172.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299934.	2.79	466527.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299940.	5.43	239363.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1299944.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299992.	3.87	335934.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299989.	4.14	314278.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299986.	8.28	157065.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1299982.	5.45	238422.	16065.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299979.	3.69	352278.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1299961.	5.14	253097.	55250.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1299957.	6.32	205660.	47236.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1299948.	7.08	183556.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299947.	5.59	232680.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299947.	4.59	283446.	46086.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299945.	4.40	295342.	40456.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299945.	3.72	349837.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299945.	4.00	325383.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299946.	3.42	380084.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299948.	3.59	362173.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299951.	2.79	466528.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299957.	5.43	239363.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1299961.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299994.	3.87	335935.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299992.	4.14	314279.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299990.	8.28	157065.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1299986.	5.45	238423.	16065.	8.13	0.0270	0.	64.	0.25

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Appendix I		Checked	WBB

MILE 403.67	638.19	1299985.	3.69	352280.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1299970.	5.14	253098.	55251.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1299967.	6.32	205661.	47236.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1299960.	7.08	183557.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299959.	5.59	232681.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299959.	4.59	283447.	46086.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299958.	4.40	295343.	40456.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299959.	3.72	349838.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299960.	4.00	325384.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299961.	3.42	380084.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299964.	3.59	362174.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299966.	2.79	466529.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299973.	5.43	239363.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1299976.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299996.	3.87	335935.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299994.	4.14	314279.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299993.	8.28	157066.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1299991.	5.45	238424.	16065.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299989.	3.69	352281.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1299978.	5.14	253099.	55251.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1299976.	6.32	205662.	47236.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1299971.	7.08	183558.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299970.	5.59	232682.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299970.	4.59	283448.	46086.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299970.	4.40	295344.	40456.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299972.	3.72	349838.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299974.	4.00	325384.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299975.	3.42	380085.	10433.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299977.	3.59	362174.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299980.	2.79	466529.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299986.	5.43	239364.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1299990.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1299998.	3.87	335935.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1299997.	4.14	314280.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1299996.	8.28	157066.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1299994.	5.45	238425.	16065.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1299993.	3.69	352283.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1299985.	5.14	253100.	55251.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1299983.	6.32	205663.	47236.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1299980.	7.08	183559.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1299980.	5.59	232683.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1299980.	4.59	283449.	46087.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1299981.	4.40	295345.	40457.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1299984.	3.72	349839.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1299985.	4.00	325385.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1299986.	3.42	380085.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1299989.	3.59	362175.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1299992.	2.79	466530.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1299998.	5.43	239364.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300001.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1299999.	3.87	335935.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1299999.	4.14	314280.	15719.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1299999.	8.28	157066.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.64	1299997.	5.45	238425.	16065.	8.13	0.0270	0. 64. 0.25
MILE 403.67	638.19	1299997.	3.69	352284.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.50	1299991.	5.14	253101.	55251.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.41	1299990.	6.32	205664.	47236.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.03	1299988.	7.08	183560.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.04	1299988.	5.59	232684.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.24	1299988.	4.59	283449.	46087.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.29	1299990.	4.40	295345.	40457.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.88	1299993.	3.72	349840.	21413.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.48	1299995.	4.00	325385.	12037.	13.32	0.0210	0. 77. 0.14
MILE 365.82	627.14	1299997.	3.42	380086.	10434.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.71	1299999.	3.59	362176.	19572.	11.41	0.0210	0. 81. 0.15
MILE 357.41	626.50	1300002.	2.79	466530.	44092.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.87	1300008.	5.43	239364.	9937.	14.98	0.0230	0. 89. 0.20
MILE 349.00	624.60	1300011.	5.57	233385.	4667.	15.25	0.0240	0. 90. 0.14

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
14.0000	FROUDE								
INFLOW	DEPTH								
MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0.	75. 1.04
MILE 420.49	648.90	1300000.	3.87	335936.	18975.	8.99	0.0230	0.	70. 0.16
MILE 416.28	645.98	1300001.	4.14	314281.	15719.	7.27	0.0270	0.	67. 0.16
MILE 412.08	643.74	1300001.	8.28	157066.	8611.	11.58	0.0270	0.	67. 0.34
MILE 407.88	640.64	1300000.	5.45	238426.	16065.	8.13	0.0270	0.	64. 0.25
MILE 403.67	638.19	1300000.	3.69	352286.	9344.	5.40	0.0240	0.	65. 0.11
MILE 399.47	636.50	1299996.	5.14	253102.	55251.	8.69	0.0220	0.	72. 0.42
MILE 395.26	633.41	1299996.	6.32	205665.	47236.	8.10	0.0220	0.	75. 0.53
MILE 391.06	631.03	1299995.	7.08	183560.	3845.	11.55	0.0220	0.	65. 0.18
MILE 386.85	630.04	1299995.	5.59	232685.	6534.	11.71	0.0210	0.	71. 0.16
MILE 382.64	629.24	1299996.	4.59	283450.	46087.	11.99	0.0210	0.	66. 0.33
MILE 378.44	628.29	1299999.	4.40	295346.	40457.	10.21	0.0210	0.	72. 0.29
MILE 374.23	627.88	1300002.	3.72	349841.	21413.	12.14	0.0210	0.	69. 0.16
MILE 370.03	627.48	1300004.	4.00	325386.	12037.	13.32	0.0210	0.	77. 0.14
MILE 365.82	627.14	1300006.	3.42	380086.	10434.	13.03	0.0210	0.	74. 0.10
MILE 361.62	626.71	1300008.	3.59	362176.	19572.	11.41	0.0210	0.	81. 0.15
MILE 357.41	626.50	1300011.	2.79	466531.	44092.	9.61	0.0210	0.	90. 0.15
MILE 353.21	625.87	1300017.	5.43	239364.	9937.	14.98	0.0230	0.	89. 0.20
MILE 349.00	624.60	1300020.	5.57	233385.	4667.	15.25	0.0240	0.	90. 0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
15.0000	FROUDE								
INFLOW	DEPTH								
MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0.	75. 1.04
MILE 420.49	648.90	1300001.	3.87	335936.	18975.	8.99	0.0230	0.	70. 0.16
MILE 416.28	645.98	1300002.	4.14	314281.	15719.	7.27	0.0270	0.	67. 0.16
MILE 412.08	643.74	1300003.	8.28	157067.	8611.	11.58	0.0270	0.	67. 0.34
MILE 407.88	640.64	1300003.	5.45	238426.	16065.	8.13	0.0270	0.	64. 0.25
MILE 403.67	638.19	1300003.	3.69	352287.	9344.	5.40	0.0240	0.	65. 0.11
MILE 399.47	636.50	1300001.	5.14	253102.	55251.	8.69	0.0220	0.	72. 0.42
MILE 395.26	633.41	1300001.	6.32	205666.	47236.	8.10	0.0220	0.	75. 0.53
MILE 391.06	631.03	1300002.	7.08	183561.	3845.	11.55	0.0220	0.	65. 0.18
MILE 386.85	630.04	1300002.	5.59	232685.	6534.	11.71	0.0210	0.	71. 0.16
MILE 382.64	629.24	1300002.	4.59	283451.	46087.	11.99	0.0210	0.	66. 0.33
MILE 378.44	628.29	1300006.	4.40	295347.	40457.	10.21	0.0210	0.	72. 0.29
MILE 374.23	627.88	1300010.	3.72	349841.	21413.	12.14	0.0210	0.	69. 0.16
MILE 370.03	627.48	1300012.	4.00	325386.	12037.	13.32	0.0210	0.	77. 0.14
MILE 365.82	627.14	1300013.	3.42	380087.	10434.	13.03	0.0210	0.	74. 0.10
MILE 361.62	626.71	1300016.	3.59	362176.	19572.	11.41	0.0210	0.	81. 0.15
MILE 357.41	626.50	1300019.	2.79	466531.	44092.	9.61	0.0210	0.	90. 0.15
MILE 353.21	625.87	1300025.	5.43	239364.	9937.	14.98	0.0230	0.	89. 0.20

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MILE 349.00 624.60 1300027. 5.57 233385. 4667. 15.25 0.0240 0. 90. 0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153262.	74186.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1300002.	3.87	335936.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1300003.	4.14	314281.	15719.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1300004.	8.28	157067.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.64	1300005.	5.45	238427.	16065.	8.13	0.0270	0. 64. 0.25
MILE 403.67	638.19	1300005.	3.69	352288.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.50	1300005.	5.14	253103.	55251.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.41	1300006.	6.32	205666.	47236.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.03	1300007.	7.08	183561.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.04	1300007.	5.59	232686.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.24	1300008.	4.59	283451.	46087.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.29	1300012.	4.40	295347.	40457.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.88	1300016.	3.72	349842.	21413.	12.14	0.0210	0. 69. 0.16
MILE 370.03	627.48	1300019.	4.00	325386.	12037.	13.32	0.0210	0. 77. 0.14
MILE 365.82	627.14	1300020.	3.42	380087.	10434.	13.03	0.0210	0. 74. 0.10
MILE 361.62	626.71	1300023.	3.59	362177.	19572.	11.41	0.0210	0. 81. 0.15
MILE 357.41	626.50	1300026.	2.79	466532.	44092.	9.61	0.0210	0. 90. 0.15
MILE 353.21	625.87	1300031.	5.43	239364.	9937.	14.98	0.0230	0. 89. 0.20
MILE 349.00	624.60	1300034.	5.57	233385.	4667.	15.25	0.0240	0. 90. 0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL
INFLOW DEPTH	FROUDE							
MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0. 75. 1.04
MILE 420.49	648.90	1300003.	3.87	335936.	18975.	8.99	0.0230	0. 70. 0.16
MILE 416.28	645.98	1300004.	4.14	314282.	15719.	7.27	0.0270	0. 67. 0.16
MILE 412.08	643.74	1300006.	8.28	157067.	8611.	11.58	0.0270	0. 67. 0.34
MILE 407.88	640.64	1300007.	5.45	238427.	16065.	8.13	0.0270	0. 64. 0.25
MILE 403.67	638.19	1300007.	3.69	352289.	9344.	5.40	0.0240	0. 65. 0.11
MILE 399.47	636.50	1300009.	5.14	253104.	55251.	8.69	0.0220	0. 72. 0.42
MILE 395.26	633.41	1300009.	6.32	205667.	47236.	8.10	0.0220	0. 75. 0.53
MILE 391.06	631.03	1300012.	7.08	183562.	3845.	11.55	0.0220	0. 65. 0.18
MILE 386.85	630.04	1300012.	5.59	232686.	6534.	11.71	0.0210	0. 71. 0.16
MILE 382.64	629.24	1300013.	4.59	283452.	46087.	11.99	0.0210	0. 66. 0.33
MILE 378.44	628.29	1300017.	4.40	295348.	40457.	10.21	0.0210	0. 72. 0.29
MILE 374.23	627.88	1300022.	3.72	349842.	21413.	12.14	0.0210	0. 69. 0.16

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MILE 370.03	627.48	1300024.	4.00	325387.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1300026.	3.42	380087.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1300029.	3.59	362177.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1300032.	2.79	466532.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1300037.	5.43	239364.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300039.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1300003.	3.87	335936.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1300005.	4.14	314282.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1300007.	8.28	157067.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1300008.	5.45	238428.	16065.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1300009.	3.69	352289.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1300012.	5.14	253104.	55252.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1300013.	6.32	205668.	47237.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1300016.	7.08	183562.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1300016.	5.59	232687.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1300017.	4.59	283452.	46087.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1300022.	4.40	295348.	40457.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1300027.	3.72	349842.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1300029.	4.00	325387.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1300031.	3.42	380088.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1300033.	3.59	362177.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1300036.	2.79	466532.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1300041.	5.43	239364.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300044.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
 INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1300004.	3.87	335936.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1300006.	4.14	314282.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1300008.	8.28	157067.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1300010.	5.45	238428.	16066.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1300011.	3.69	352290.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1300015.	5.14	253105.	55252.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1300016.	6.32	205668.	47237.	8.10	0.0220	0.	75.	0.53

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MILE 391.06	631.03	1300019.	7.08	183562.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1300020.	5.59	232687.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1300020.	4.59	283452.	46087.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1300026.	4.40	295348.	40457.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1300031.	3.72	349843.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1300033.	4.00	325387.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1300035.	3.42	380088.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1300038.	3.59	362178.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1300040.	2.79	466533.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1300045.	5.43	239364.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300047.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1300005.	3.87	335936.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1300007.	4.14	314282.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1300009.	8.28	157067.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1300011.	5.45	238428.	16066.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1300012.	3.69	352291.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1300017.	5.14	253105.	55252.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1300018.	6.32	205669.	47237.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1300022.	7.08	183563.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1300023.	5.59	232687.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1300023.	4.59	283453.	46087.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1300029.	4.40	295349.	40457.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1300034.	3.72	349843.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1300037.	4.00	325387.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1300038.	3.42	380088.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1300041.	3.59	362178.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1300044.	2.79	466533.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1300048.	5.43	239365.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300050.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

0DATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL
INFLOW DEPTH FROUDE

MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1300005.	3.87	335936.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1300008.	4.14	314282.	15719.	7.27	0.0270	0.	67.	0.16

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MILE 412.08	643.74	1300010.	8.28	157067.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1300012.	5.45	238428.	16066.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1300013.	3.69	352291.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1300019.	5.14	253105.	55252.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1300020.	6.32	205669.	47237.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1300025.	7.08	183563.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1300025.	5.59	232688.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1300026.	4.59	283453.	46088.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1300032.	4.40	295349.	40457.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1300037.	3.72	349843.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1300040.	4.00	325388.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1300041.	3.42	380088.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1300044.	3.59	362178.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1300046.	2.79	466533.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1300051.	5.43	239365.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300053.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

TIME 22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL		
INFLOW DEPTH	FROUDE									
MILE 424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75.	1.04
MILE 420.49	648.90	1300005.	3.87	335936.	18975.	8.99	0.0230	0.	70.	0.16
MILE 416.28	645.98	1300008.	4.14	314282.	15719.	7.27	0.0270	0.	67.	0.16
MILE 412.08	643.74	1300010.	8.28	157067.	8611.	11.58	0.0270	0.	67.	0.34
MILE 407.88	640.64	1300012.	5.45	238428.	16066.	8.13	0.0270	0.	64.	0.25
MILE 403.67	638.19	1300014.	3.69	352292.	9344.	5.40	0.0240	0.	65.	0.11
MILE 399.47	636.50	1300020.	5.14	253106.	55252.	8.69	0.0220	0.	72.	0.42
MILE 395.26	633.41	1300022.	6.32	205669.	47237.	8.10	0.0220	0.	75.	0.53
MILE 391.06	631.03	1300027.	7.08	183563.	3845.	11.55	0.0220	0.	65.	0.18
MILE 386.85	630.04	1300027.	5.59	232688.	6534.	11.71	0.0210	0.	71.	0.16
MILE 382.64	629.24	1300028.	4.59	283453.	46088.	11.99	0.0210	0.	66.	0.33
MILE 378.44	628.29	1300034.	4.40	295349.	40457.	10.21	0.0210	0.	72.	0.29
MILE 374.23	627.88	1300039.	3.72	349844.	21413.	12.14	0.0210	0.	69.	0.16
MILE 370.03	627.48	1300042.	4.00	325388.	12037.	13.32	0.0210	0.	77.	0.14
MILE 365.82	627.14	1300043.	3.42	380089.	10434.	13.03	0.0210	0.	74.	0.10
MILE 361.62	626.71	1300046.	3.59	362178.	19572.	11.41	0.0210	0.	81.	0.15
MILE 357.41	626.50	1300048.	2.79	466533.	44092.	9.61	0.0210	0.	90.	0.15
MILE 353.21	625.87	1300053.	5.43	239365.	9937.	14.98	0.0230	0.	89.	0.20
MILE 349.00	624.60	1300055.	5.57	233385.	4667.	15.25	0.0240	0.	90.	0.14

ODATE 11-19-08 SteadyState - 100K to 1300K Guntersville

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Appendix I		Checked	WBB

TIME	23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.90	1300005.	3.87	335936.	18975.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.98	1300008.	4.14	314282.	15719.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.74	1300011.	8.28	157067.	8611.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.64	1300013.	5.45	238429.	16066.	8.13	0.0270	0.	64. 0.25
MILE	403.67	638.19	1300014.	3.69	352292.	9344.	5.40	0.0240	0.	65. 0.11
MILE	399.47	636.50	1300022.	5.14	253106.	55252.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.41	1300023.	6.32	205669.	47237.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.03	1300028.	7.08	183563.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.04	1300029.	5.59	232688.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.24	1300030.	4.59	283454.	46088.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.29	1300036.	4.40	295349.	40457.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.88	1300041.	3.72	349844.	21413.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.48	1300044.	4.00	325388.	12037.	13.32	0.0210	0.	77. 0.14
MILE	365.82	627.14	1300045.	3.42	380089.	10434.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.71	1300048.	3.59	362178.	19572.	11.41	0.0210	0.	81. 0.15
MILE	357.41	626.50	1300050.	2.79	466533.	44092.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1300054.	5.43	239365.	9937.	14.98	0.0230	0.	89. 0.20
MILE	349.00	624.60	1300056.	5.57	233385.	4667.	15.25	0.0240	0.	90. 0.14

ODATE 11-20-08 SteadyState - 100K to 1300K Guntersville

TIME	0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL
INFLOW	DEPTH	FROUDE								
MILE	424.70	651.09	1300000.	8.48	153261.	74186.	11.07	0.0230	0.	75. 1.04
MILE	420.49	648.90	1300006.	3.87	335935.	18975.	8.99	0.0230	0.	70. 0.16
MILE	416.28	645.98	1300009.	4.14	314282.	15719.	7.27	0.0270	0.	67. 0.16
MILE	412.08	643.74	1300011.	8.28	157067.	8611.	11.58	0.0270	0.	67. 0.34
MILE	407.88	640.64	1300013.	5.45	238429.	16066.	8.13	0.0270	0.	64. 0.25
MILE	403.67	638.19	1300015.	3.69	352292.	9344.	5.40	0.0240	0.	65. 0.11
MILE	399.47	636.50	1300023.	5.14	253106.	55252.	8.69	0.0220	0.	72. 0.42
MILE	395.26	633.41	1300024.	6.32	205670.	47237.	8.10	0.0220	0.	75. 0.53
MILE	391.06	631.03	1300030.	7.08	183564.	3845.	11.55	0.0220	0.	65. 0.18
MILE	386.85	630.04	1300030.	5.59	232688.	6534.	11.71	0.0210	0.	71. 0.16
MILE	382.64	629.24	1300031.	4.59	283454.	46088.	11.99	0.0210	0.	66. 0.33
MILE	378.44	628.29	1300037.	4.40	295350.	40457.	10.21	0.0210	0.	72. 0.29
MILE	374.23	627.88	1300042.	3.72	349844.	21413.	12.14	0.0210	0.	69. 0.16
MILE	370.03	627.48	1300045.	4.00	325388.	12037.	13.32	0.0210	0.	77. 0.14
MILE	365.82	627.14	1300046.	3.42	380089.	10434.	13.03	0.0210	0.	74. 0.10
MILE	361.62	626.71	1300049.	3.59	362178.	19572.	11.41	0.0210	0.	81. 0.15
MILE	357.41	626.50	1300051.	2.79	466533.	44092.	9.61	0.0210	0.	90. 0.15
MILE	353.21	625.87	1300055.	5.43	239365.	9937.	14.98	0.0230	0.	89. 0.20
MILE	349.00	624.60	1300057.	5.57	233385.	4667.	15.25	0.0240	0.	90. 0.14

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 666 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

1 SteadyState - 100K to 1300K Guntersville

THE COMPUTATION STARTED ON 10-01-08 AT TIME 0.00 AND TERMINATED ON 11-20-08 AT TIME 0.00

THE MAXIMUM ELEVATIONS, DISCHARGES, VELOCITIES ARE:

	EL(FT)	DAY	TIME	Q(CFS)	DAY	TIME	V(FPS)	DAY	TIME
MILE	424.70	651.09	19 9.71	1300000.	16	0.00	8.68	16	0.00
MILE	420.49	648.90	19 17.78	1300006.	20	0.00	4.40	7	0.37
MILE	416.28	645.98	19 23.47	1300009.	20	0.00	4.52	7	1.33
MILE	412.08	643.74	20 0.00	1300011.	20	0.00	8.28	16	3.91
MILE	407.88	640.64	20 0.00	1300013.	20	0.00	5.45	16	2.81
MILE	403.67	638.19	20 0.00	1300015.	20	0.00	4.09	7	5.26
MILE	399.47	636.50	20 0.00	1300023.	20	0.00	5.14	19	21.94
MILE	395.26	633.41	20 0.00	1300024.	20	0.00	7.70	22	11.65
MILE	391.06	631.03	20 0.00	1300030.	20	0.00	7.13	5	2.76
MILE	386.85	630.04	20 0.00	1300030.	20	0.00	5.59	31	2.58
MILE	382.64	629.24	20 0.00	1300031.	20	0.00	4.59	20	0.00
MILE	378.44	628.29	20 0.00	1300037.	20	0.00	4.91	25	6.48
MILE	374.23	627.88	20 0.00	1300042.	20	0.00	3.72	20	0.00
MILE	370.03	627.48	20 0.00	1300045.	20	0.00	4.00	20	0.00
MILE	365.82	627.14	20 0.00	1300046.	20	0.00	3.42	20	0.00
MILE	361.62	626.71	20 0.00	1300049.	20	0.00	3.81	25	18.37
MILE	357.41	626.50	20 0.00	1300051.	20	0.00	3.11	25	18.69
MILE	353.21	625.87	20 0.00	1300055.	20	0.00	5.43	20	0.00
MILE	349.00	624.60	16 0.00	1300057.	20	0.00	5.57	20	0.00

19 LOCATIONS LISTED

1 DISCHARGES AT DOWNSTREAM END OF CHANNEL 1; RM = 349.00

DATE	TIME	DISCHARGE
10-01-08	0.0	100000.
	1.0	132074.
	2.0	149722.
	3.0	172586.
	4.0	191149.
	5.0	200507.
	6.0	203360.
	7.0	203782.
	8.0	203346.
	9.0	202028.
	10.0	199847.
	11.0	196975.
	12.0	193535.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 667 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

13.0	189672.
14.0	185502.
15.0	181115.
16.0	176593.
17.0	172018.
18.0	167458.
19.0	162957.
20.0	158533.
21.0	154215.
22.0	150045.
23.0	146055.
24.0	142266.
10-02-08	1.0 138693.
2.0	135338.
3.0	132195.
4.0	129253.
5.0	126514.
6.0	123982.
7.0	121652.
8.0	119514.
9.0	117560.
10.0	115779.
11.0	114161.
12.0	112694.
13.0	111366.
14.0	110167.
15.0	109086.
16.0	108112.
17.0	107236.
18.0	106449.
19.0	105743.
20.0	105109.
21.0	104542.
22.0	104035.
23.0	103582.
24.0	103178.
10-03-08	1.0 102817.
2.0	102495.
3.0	102208.
4.0	101953.
5.0	101726.
6.0	101524.
7.0	101345.
8.0	101186.
9.0	101045.
10.0	100920.
11.0	100809.
12.0	100711.
13.0	100624.
14.0	100547.
15.0	100479.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 668 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

16.0	100419.
17.0	100366.
18.0	100319.
19.0	100278.
20.0	100242.
21.0	100210.
22.0	100182.
23.0	100158.
24.0	100136.
10-04-08	1.0 100118.
2.0	100101.
3.0	100087.
4.0	100074.
5.0	100063.
6.0	100054.
7.0	100045.
8.0	100038.
9.0	100032.
10.0	100027.
11.0	100022.
12.0	100018.
13.0	100015.
14.0	100012.
15.0	100009.
16.0	100007.
17.0	100005.
18.0	100004.
19.0	100002.
20.0	100001.
21.0	100001.
22.0	100000.
23.0	99999.
24.0	99999.
10-05-08	1.0 99998.
2.0	99998.
3.0	99998.
4.0	99998.
5.0	99998.
6.0	99998.
7.0	99998.
8.0	99998.
9.0	99998.
10.0	99998.
11.0	99998.
12.0	99998.
13.0	99998.
14.0	99998.
15.0	99998.
16.0	99998.
17.0	99998.
18.0	99998.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 669 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

19.0	99998.
20.0	99999.
21.0	99999.
22.0	99999.
23.0	99999.
24.0	99999.
10-06-08	1.0 99999.
2.0	99999.
3.0	99999.
4.0	99999.
5.0	100000.
6.0	100011.
7.0	100090.
8.0	100331.
9.0	100800.
10.0	101523.
11.0	102500.
12.0	103719.
13.0	105160.
14.0	106795.
15.0	108598.
16.0	110547.
17.0	112616.
18.0	114791.
19.0	117068.
20.0	119439.
21.0	121896.
22.0	124420.
23.0	126985.
24.0	129569.
10-07-08	1.0 132186.
2.0	134848.
3.0	137558.
4.0	140316.
5.0	143122.
6.0	145965.
7.0	148812.
8.0	151616.
9.0	154339.
10.0	156945.
11.0	159420.
12.0	161770.
13.0	164005.
14.0	166132.
15.0	168157.
16.0	170081.
17.0	171907.
18.0	173638.
19.0	175274.
20.0	176819.
21.0	178273.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 670 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

22.0	179639.
23.0	180922.
24.0	182129.
10-08-08	1.0 183262.
2.0	184326.
3.0	185325.
4.0	186261.
5.0	187137.
6.0	187955.
7.0	188719.
8.0	189431.
9.0	190093.
10.0	190711.
11.0	191288.
12.0	191828.
13.0	192334.
14.0	192808.
15.0	193254.
16.0	193672.
17.0	194066.
18.0	194435.
19.0	194784.
20.0	195111.
21.0	195419.
22.0	195709.
23.0	195982.
24.0	196238.
10-09-08	1.0 196479.
2.0	196705.
3.0	196917.
4.0	197115.
5.0	197301.
6.0	197476.
7.0	197640.
8.0	197793.
9.0	197937.
10.0	198071.
11.0	198198.
12.0	198316.
13.0	198427.
14.0	198531.
15.0	198628.
16.0	198719.
17.0	198804.
18.0	198884.
19.0	198959.
20.0	199029.
21.0	199095.
22.0	199156.
23.0	199213.
24.0	199267.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 671 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

10-10-08	1.0	199317.
	2.0	199364.
	3.0	199408.
	4.0	199449.
	5.0	199487.
	6.0	199523.
	7.0	199556.
	8.0	199587.
	9.0	199617.
	10.0	199644.
	11.0	199669.
	12.0	199693.
	13.0	199715.
	14.0	199735.
	15.0	199754.
	16.0	199772.
	17.0	199789.
	18.0	199804.
	19.0	199819.
	20.0	199832.
	21.0	199845.
	22.0	199856.
	23.0	199867.
	24.0	199877.
10-11-08	1.0	199886.
	2.0	199895.
	3.0	199903.
	4.0	199911.
	5.0	199918.
	6.0	199926.
	7.0	199946.
	8.0	199995.
	9.0	200098.
	10.0	200276.
	11.0	200552.
	12.0	200943.
	13.0	201461.
	14.0	202117.
	15.0	202919.
	16.0	203870.
	17.0	204972.
	18.0	206227.
	19.0	207632.
	20.0	209186.
	21.0	210883.
	22.0	212721.
	23.0	214693.
	24.0	216791.
10-12-08	1.0	218993.
	2.0	221287.
	3.0	223676.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 672 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

4.0	226163.
5.0	228752.
6.0	231438.
7.0	234216.
8.0	237067.
9.0	239963.
10.0	242875.
11.0	245777.
12.0	248644.
13.0	251454.
14.0	254188.
15.0	256836.
16.0	259387.
17.0	261835.
18.0	264177.
19.0	266410.
20.0	268536.
21.0	270554.
22.0	272468.
23.0	274281.
24.0	275995.
10-13-08	1.0 277613.
2.0	279137.
3.0	280571.
4.0	281920.
5.0	283188.
6.0	284378.
7.0	285496.
8.0	286544.
9.0	287527.
10.0	288449.
11.0	289313.
12.0	290122.
13.0	290879.
14.0	291588.
15.0	292250.
16.0	292869.
17.0	293448.
18.0	293987.
19.0	294491.
20.0	294960.
21.0	295397.
22.0	295803.
23.0	296181.
24.0	296532.
10-14-08	1.0 296858.
2.0	297160.
3.0	297440.
4.0	297699.
5.0	297938.
6.0	298159.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 673 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

7.0	298363.
8.0	298551.
9.0	298723.
10.0	298882.
11.0	299028.
12.0	299161.
13.0	299283.
14.0	299394.
15.0	299495.
16.0	299588.
17.0	299671.
18.0	299747.
19.0	299815.
20.0	299877.
21.0	299932.
22.0	299982.
23.0	300026.
24.0	300066.
10-15-08	1.0 300100.
2.0	300131.
3.0	300158.
4.0	300181.
5.0	300201.
6.0	300218.
7.0	300232.
8.0	300244.
9.0	300254.
10.0	300261.
11.0	300267.
12.0	300271.
13.0	300274.
14.0	300275.
15.0	300276.
16.0	300275.
17.0	300273.
18.0	300270.
19.0	300267.
20.0	300263.
21.0	300258.
22.0	300253.
23.0	300248.
24.0	300242.
10-16-08	1.0 300236.
2.0	300230.
3.0	300223.
4.0	300217.
5.0	300210.
6.0	300205.
7.0	300210.
8.0	300237.
9.0	300306.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 674 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

10.0	300438.
11.0	300652.
12.0	300967.
13.0	301398.
14.0	301957.
15.0	302653.
16.0	303493.
17.0	304481.
18.0	305619.
19.0	306907.
20.0	308343.
21.0	309925.
22.0	311647.
23.0	313502.
24.0	315486.
10-17-08	1.0 317595.
2.0	319823.
3.0	322165.
4.0	324615.
5.0	327164.
6.0	329802.
7.0	332517.
8.0	335287.
9.0	338085.
10.0	340886.
11.0	343670.
12.0	346419.
13.0	349116.
14.0	351749.
15.0	354308.
16.0	356786.
17.0	359178.
18.0	361479.
19.0	363688.
20.0	365805.
21.0	367829.
22.0	369762.
23.0	371605.
24.0	373361.
10-18-08	1.0 375031.
2.0	376618.
3.0	378124.
4.0	379553.
5.0	380907.
6.0	382189.
7.0	383401.
8.0	384546.
9.0	385628.
10.0	386648.
11.0	387610.
12.0	388516.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 675 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

13.0	389369.
14.0	390171.
15.0	390926.
16.0	391634.
17.0	392299.
18.0	392922.
19.0	393506.
20.0	394052.
21.0	394563.
22.0	395041.
23.0	395487.
24.0	395903.
10-19-08	1.0 396290.
2.0	396651.
3.0	396986.
4.0	397297.
5.0	397586.
6.0	397854.
7.0	398101.
8.0	398330.
9.0	398542.
10.0	398737.
11.0	398916.
12.0	399081.
13.0	399232.
14.0	399370.
15.0	399497.
16.0	399612.
17.0	399717.
18.0	399812.
19.0	399898.
20.0	399976.
21.0	400046.
22.0	400109.
23.0	400165.
24.0	400215.
10-20-08	1.0 400259.
2.0	400298.
3.0	400332.
4.0	400361.
5.0	400387.
6.0	400408.
7.0	400426.
8.0	400440.
9.0	400452.
10.0	400461.
11.0	400468.
12.0	400472.
13.0	400475.
14.0	400475.
15.0	400474.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 676 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

16.0	400472.
17.0	400468.
18.0	400463.
19.0	400457.
20.0	400450.
21.0	400443.
22.0	400434.
23.0	400425.
24.0	400416.
10-21-08	1.0 384172.
2.0	368799.
3.0	357462.
4.0	348810.
5.0	341688.
6.0	335635.
7.0	330385.
8.0	325796.
9.0	321789.
10.0	318317.
11.0	315357.
12.0	312893.
13.0	310922.
14.0	309429.
15.0	308406.
16.0	307846.
17.0	307738.
18.0	308067.
19.0	308822.
20.0	309998.
21.0	311574.
22.0	313555.
23.0	315929.
24.0	318653.
10-22-08	1.0 343562.
2.0	368583.
3.0	386373.
4.0	400071.
5.0	411983.
6.0	422596.
7.0	432251.
8.0	441173.
9.0	449518.
10.0	457389.
11.0	464854.
12.0	471959.
13.0	478739.
14.0	485214.
15.0	491391.
16.0	497264.
17.0	502857.
18.0	508189.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 677 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

19.0	513274.
20.0	518124.
21.0	522749.
22.0	527159.
23.0	531362.
24.0	535367.
10-23-08	1.0 539178.
2.0	542803.
3.0	546250.
4.0	549526.
5.0	552636.
6.0	555587.
7.0	558384.
8.0	561034.
9.0	563544.
10.0	565921.
11.0	568170.
12.0	570297.
13.0	572309.
14.0	574211.
15.0	576006.
16.0	577700.
17.0	579297.
18.0	580802.
19.0	582219.
20.0	583553.
21.0	584807.
22.0	585985.
23.0	587092.
24.0	588130.
10-24-08	1.0 589103.
2.0	590015.
3.0	590868.
4.0	591665.
5.0	592410.
6.0	593105.
7.0	593752.
8.0	594356.
9.0	594917.
10.0	595439.
11.0	595923.
12.0	596372.
13.0	596787.
14.0	597172.
15.0	597527.
16.0	597855.
17.0	598156.
18.0	598433.
19.0	598688.
20.0	598921.
21.0	599135.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 678 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

22.0	599330.
23.0	599507.
24.0	599668.
10-25-08	1.0 599814.
2.0	599946.
3.0	600065.
4.0	600172.
5.0	600267.
6.0	600352.
7.0	600428.
8.0	600494.
9.0	600552.
10.0	600603.
11.0	600646.
12.0	600683.
13.0	600714.
14.0	600740.
15.0	600761.
16.0	600777.
17.0	600789.
18.0	600797.
19.0	600802.
20.0	600804.
21.0	600803.
22.0	600799.
23.0	600794.
24.0	600786.
10-26-08	1.0 568784.
2.0	538225.
3.0	514510.
4.0	495118.
5.0	478255.
6.0	463287.
7.0	449826.
8.0	437641.
9.0	426570.
10.0	416497.
11.0	407337.
12.0	399028.
13.0	391521.
14.0	384774.
15.0	378751.
16.0	373413.
17.0	368718.
18.0	364668.
19.0	361241.
20.0	358425.
21.0	356165.
22.0	354366.
23.0	352977.
24.0	351988.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 679 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

10-27-08	1.0	406133.
2.0		464404.
3.0		502271.
4.0		530398.
5.0		554166.
6.0		573602.
7.0		589683.
8.0		603622.
9.0		616132.
10.0		627545.
11.0		638062.
12.0		647828.
13.0		656950.
14.0		665500.
15.0		673535.
16.0		681092.
17.0		688210.
18.0		694925.
19.0		701266.
20.0		707259.
21.0		712924.
22.0		718278.
23.0		723341.
24.0		728127.
10-28-08	1.0	732652.
2.0		736926.
3.0		740963.
4.0		744774.
5.0		748370.
6.0		751762.
7.0		754959.
8.0		757972.
9.0		760809.
10.0		763479.
11.0		765992.
12.0		768354.
13.0		770573.
14.0		772658.
15.0		774615.
16.0		776451.
17.0		778172.
18.0		779785.
19.0		781296.
20.0		782709.
21.0		784032.
22.0		785267.
23.0		786418.
24.0		787488.
10-29-08	1.0	788482.
2.0		789408.
3.0		790268.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 680 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

4.0	791068.
5.0	791812.
6.0	792504.
7.0	793146.
8.0	793742.
9.0	794296.
10.0	794808.
11.0	795283.
12.0	795723.
13.0	796129.
14.0	796505.
15.0	796851.
16.0	797171.
17.0	797465.
18.0	797736.
19.0	797985.
20.0	798214.
21.0	798424.
22.0	798616.
23.0	798791.
24.0	798952.
10-30-08	1.0 799098.
2.0	799232.
3.0	799353.
4.0	799463.
5.0	799563.
6.0	799653.
7.0	799734.
8.0	799807.
9.0	799873.
10.0	799932.
11.0	799984.
12.0	800031.
13.0	800072.
14.0	800109.
15.0	800141.
16.0	800169.
17.0	800193.
18.0	800213.
19.0	800231.
20.0	800246.
21.0	800258.
22.0	800268.
23.0	800276.
24.0	800282.
10-31-08	1.0 757452.
2.0	714514.
3.0	681188.
4.0	653270.
5.0	628393.
6.0	606181.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 681 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

7.0	586456.
8.0	568835.
9.0	553047.
10.0	538861.
11.0	526079.
12.0	514570.
13.0	504213.
14.0	494908.
15.0	486574.
16.0	479141.
17.0	472550.
18.0	466741.
19.0	461665.
20.0	457261.
21.0	453429.
22.0	450156.
23.0	447329.
24.0	444996.
11-01-08	1.0 513458.
2.0	591000.
3.0	641829.
4.0	682232.
5.0	716375.
6.0	742429.
7.0	762742.
8.0	780330.
9.0	796104.
10.0	810373.
11.0	823387.
12.0	835379.
13.0	846488.
14.0	856811.
15.0	866420.
16.0	875375.
17.0	883716.
18.0	891470.
19.0	898696.
20.0	905445.
21.0	911756.
22.0	917662.
23.0	923193.
24.0	928374.
11-02-08	1.0 933228.
2.0	937776.
3.0	942035.
4.0	946023.
5.0	949755.
6.0	953246.
7.0	956511.
8.0	959562.
9.0	962412.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 682 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

10.0	965074.
11.0	967560.
12.0	969881.
13.0	972046.
14.0	974066.
15.0	975950.
16.0	977707.
17.0	979343.
18.0	980868.
19.0	982288.
20.0	983610.
21.0	984840.
22.0	985984.
23.0	987048.
24.0	988038.
11-03-08	1.0 988957.
2.0	989811.
3.0	990604.
4.0	991338.
5.0	992019.
6.0	992650.
7.0	993233.
8.0	993774.
9.0	994274.
10.0	994738.
11.0	995167.
12.0	995564.
13.0	995931.
14.0	996271.
15.0	996585.
16.0	996876.
17.0	997144.
18.0	997392.
19.0	997619.
20.0	997829.
21.0	998022.
22.0	998200.
23.0	998363.
24.0	998514.
11-04-08	1.0 998652.
2.0	998779.
3.0	998897.
4.0	999004.
5.0	999103.
6.0	999194.
7.0	999277.
8.0	999353.
9.0	999423.
10.0	999487.
11.0	999545.
12.0	999598.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 683 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

13.0	999647.
14.0	999691.
15.0	999732.
16.0	999768.
17.0	999802.
18.0	999832.
19.0	999859.
20.0	999884.
21.0	999906.
22.0	999926.
23.0	999944.
24.0	999960.
11-05-08	1.0 975042.
2.0	949633.
3.0	930571.
4.0	914439.
5.0	900198.
6.0	888034.
7.0	877720.
8.0	868817.
9.0	861058.
10.0	854268.
11.0	848318.
12.0	843101.
13.0	838533.
14.0	834528.
15.0	831044.
16.0	828044.
17.0	825488.
18.0	823338.
19.0	821571.
20.0	820157.
21.0	819071.
22.0	818297.
23.0	817804.
24.0	817549.
11-06-08	1.0 848323.
2.0	881294.
3.0	904782.
4.0	924723.
5.0	942132.
6.0	956414.
7.0	968240.
8.0	978554.
9.0	987753.
10.0	996039.
11.0	1003557.
12.0	1010434.
13.0	1016761.
14.0	1022599.
15.0	1028001.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 684 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

16.0	1033013.
17.0	1037671.
18.0	1042005.
19.0	1046041.
20.0	1049802.
21.0	1053308.
22.0	1056577.
23.0	1059628.
24.0	1062474.
11-07-08	1.0 1065131.
2.0	1067612.
3.0	1069927.
4.0	1072088.
5.0	1074105.
6.0	1075987.
7.0	1077743.
8.0	1079381.
9.0	1080909.
10.0	1082332.
11.0	1083659.
12.0	1084895.
13.0	1086045.
14.0	1087116.
15.0	1088113.
16.0	1089039.
17.0	1089900.
18.0	1090700.
19.0	1091443.
20.0	1092133.
21.0	1092772.
22.0	1093365.
23.0	1093915.
24.0	1094424.
11-08-08	1.0 1094895.
2.0	1095331.
3.0	1095734.
4.0	1096106.
5.0	1096450.
6.0	1096767.
7.0	1097059.
8.0	1097329.
9.0	1097577.
10.0	1097806.
11.0	1098016.
12.0	1098209.
13.0	1098386.
14.0	1098548.
15.0	1098697.
16.0	1098833.
17.0	1098958.
18.0	1099072.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 685 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

19.0		1099176.
20.0		1099271.
21.0		1099357.
22.0		1099436.
23.0		1099507.
24.0		1099572.
11-09-08	1.0	1099631.
2.0		1099684.
3.0		1099732.
4.0		1099775.
5.0		1099814.
6.0		1099849.
7.0		1099880.
8.0		1099908.
9.0		1099933.
10.0		1099955.
11.0		1099975.
12.0		1099992.
13.0		1100007.
14.0		1100020.
15.0		1100032.
16.0		1100042.
17.0		1100050.
18.0		1100057.
19.0		1100064.
20.0		1100069.
21.0		1100073.
22.0		1100076.
23.0		1100078.
24.0		1100080.
11-10-08	1.0	1078559.
2.0		1056328.
3.0		1039708.
4.0		1025421.
5.0		1012800.
6.0		1002131.
7.0		993194.
8.0		985541.
9.0		978931.
10.0		973217.
11.0		968294.
12.0		964065.
13.0		960453.
14.0		957399.
15.0		954853.
16.0		952769.
17.0		951110.
18.0		949848.
19.0		948941.
20.0		948341.
21.0		948034.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 686 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

	22.0	948008.
	23.0	948253.
	24.0	948750.
11-11-08	1.0	974577.
	2.0	1002141.
	3.0	1022230.
	4.0	1039768.
	5.0	1055238.
	6.0	1068067.
	7.0	1078844.
	8.0	1088338.
	9.0	1096859.
	10.0	1104564.
	11.0	1111568.
	12.0	1117965.
	13.0	1123838.
	14.0	1129253.
	15.0	1134257.
	16.0	1138887.
	17.0	1143175.
	18.0	1147152.
	19.0	1150846.
	20.0	1154279.
	21.0	1157473.
	22.0	1160446.
	23.0	1163217.
	24.0	1165799.
11-12-08	1.0	1168207.
	2.0	1170452.
	3.0	1172547.
	4.0	1174501.
	5.0	1176323.
	6.0	1178024.
	7.0	1179609.
	8.0	1181088.
	9.0	1182466.
	10.0	1183751.
	11.0	1184949.
	12.0	1186065.
	13.0	1187104.
	14.0	1188072.
	15.0	1188972.
	16.0	1189810.
	17.0	1190590.
	18.0	1191314.
	19.0	1191987.
	20.0	1192613.
	21.0	1193194.
	22.0	1193733.
	23.0	1194233.
	24.0	1194697.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 687 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

11-13-08 1.0 1195127.

2.0 1195525.
3.0 1195894.
4.0 1196235.
5.0 1196551.
6.0 1196843.
7.0 1197112.
8.0 1197361.
9.0 1197591.
10.0 1197803.
11.0 1197999.
12.0 1198179.
13.0 1198345.
14.0 1198498.
15.0 1198638.
16.0 1198767.
17.0 1198886.
18.0 1198995.
19.0 1199094.
20.0 1199186.
21.0 1199269.
22.0 1199346.
23.0 1199415.
24.0 1199479.

11-14-08 1.0 1199537.

2.0 1199590.
3.0 1199639.
4.0 1199682.
5.0 1199722.
6.0 1199758.
7.0 1199791.
8.0 1199820.
9.0 1199847.
10.0 1199871.
11.0 1199893.
12.0 1199912.
13.0 1199929.
14.0 1199945.
15.0 1199959.
16.0 1199971.
17.0 1199982.
18.0 1199991.
19.0 1200000.
20.0 1200007.
21.0 1200013.
22.0 1200019.
23.0 1200024.
24.0 1200028.

11-15-08 1.0 1181041.

2.0 1161365.
3.0 1146670.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 688 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

4.0	1133861.
5.0	1122542.
6.0	1113035.
7.0	1105115.
8.0	1098356.
9.0	1092545.
10.0	1087556.
11.0	1083294.
12.0	1079675.
13.0	1076628.
14.0	1074087.
15.0	1072026.
16.0	1070403.
17.0	1069188.
18.0	1068342.
19.0	1067832.
20.0	1067645.
21.0	1067759.
22.0	1068155.
23.0	1068809.
24.0	1069705.
11-16-08	1.0 1092269.
2.0	1116243.
3.0	1134020.
4.0	1149844.
5.0	1163910.
6.0	1175682.
7.0	1185693.
8.0	1194577.
9.0	1202589.
10.0	1209861.
11.0	1216498.
12.0	1222592.
13.0	1228209.
14.0	1233400.
15.0	1238207.
16.0	1242663.
17.0	1246799.
18.0	1250641.
19.0	1254212.
20.0	1257533.
21.0	1260622.
22.0	1263497.
23.0	1266173.
24.0	1268664.
11-17-08	1.0 1270982.
2.0	1273139.
3.0	1275147.
4.0	1277014.
5.0	1278752.
6.0	1280367.

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

	7.0	1281869.
	8.0	1283264.
	9.0	1284560.
	10.0	1285764.
	11.0	1286882.
	12.0	1287918.
	13.0	1288880.
	14.0	1289772.
	15.0	1290598.
	16.0	1291363.
	17.0	1292071.
	18.0	1292727.
	19.0	1293333.
	20.0	1293894.
	21.0	1294412.
	22.0	1294890.
	23.0	1295331.
	24.0	1295738.
11-18-08	1.0	1296113.
	2.0	1296459.
	3.0	1296777.
	4.0	1297069.
	5.0	1297338.
	6.0	1297586.
	7.0	1297813.
	8.0	1298021.
	9.0	1298212.
	10.0	1298387.
	11.0	1298548.
	12.0	1298695.
	13.0	1298829.
	14.0	1298951.
	15.0	1299063.
	16.0	1299165.
	17.0	1299258.
	18.0	1299342.
	19.0	1299419.
	20.0	1299489.
	21.0	1299552.
	22.0	1299609.
	23.0	1299661.
	24.0	1299707.
11-19-08	1.0	1299749.
	2.0	1299787.
	3.0	1299821.
	4.0	1299852.
	5.0	1299879.
	6.0	1299903.
	7.0	1299925.
	8.0	1299944.
	9.0	1299961.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 690 of 690
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix I		Checked	WBB

10.0	1299976.
11.0	1299990.
12.0	1300001.
13.0	1300011.
14.0	1300020.
15.0	1300027.
16.0	1300034.
17.0	1300039.
18.0	1300044.
19.0	1300047.
20.0	1300050.
21.0	1300053.
22.0	1300055.
23.0	1300056.
24.0	1300057.

RUN BEGINS ON APR 22, 2009, 4:43:30.55 PM
RUN ENDS ON APR 22, 2009, 4:43:46.43 PM

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 1 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

SOCH Input Files, Steady State

Guntersville_Calibrate_Mar1973.out

SOCH - QA REV1.0 - 03/24/2009

 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

THIS RUN STARTS ON 3-10-1973 AT TIME 0.000

IT ENDS ON 3-25-1973 AT TIME 0.000

ALL THE HYDROGRAPHS
 START ON 3-10-1973 AT TIME 0.000

THE COMPUTATION TIME STEP IS 5. SECONDS
 THE PRINT INTERVAL IS 60. MINUTES
 THE COMPLETE RUN LASTS 15.0 DAY(S)

+ THE NON-BOUNDARY LINE POINTS ARE NOT PRINTED

SOCH INPUT DATA ARE READ FROM FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\March 1973\Guntersville_Calibrate_Mar1973.dat

SOCH OUTPUT LISTING IS WRITTEN TO FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\March 1973\Guntersville_Calibrate_Mar1973.out

ALL LOCAL INFLOWS ARE READ FROM FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\March 1973\Mar1973LocalInflowHydrograph_Guntersville.loc

THE MOST D.S. HYDROGRAPH IS SAVED TO FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\March 1973\Guntersville_Calibrate_Mar1973.sto

THE GEOMETRY IS READ FROM FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\March 1973\GuntersvilleRev4.0.geo

NUMBER OF CHANNEL(S): 1 NUMBER OF JUNCTION(S): 0

+ _____

37 CROSS SECTIONS IN GEOMETRY FILE, EACH WITH 21 ENTRIES
 THE COMPUTED ELEVATION FIRST ESTIMATED ABOVE ENTRY 0

CHANNEL 1 HAS 37 NODES, IT IS CHARACTERIZED BY:

TVA

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+ _____

BOUNDARY CONDITIONS PRESCRIBED (AT THE BEGINNING OF RUN):

UPSTREAM: KUBC= 1 (0:ELEVATION; 1:DISCHARGE; 2:RATING TABLE; 3:JUNCTION)

DOWNSTRM: KDBC= 0 (IF A TABLE IS USED, IT IS TABLE NO. 0)

KRULE= 0 (0:NO FIXED RULE OPERATION; 1:FIXED RULE REGULAR; 2:FIXED RULE PMF)

IF A FAILURE OCCURS ,IT IS OF TYPE KTOTFL= 0 (0:FOR PARTIAL FAILURE THEN USE TABLE 4, IF NOT PRESENT, THE RUN WILL STOP;

1:FOR TOTAL FAILURE, DOWNSTREAM CHANNEL NEEDED)

KODEN= 0 (0:MANNING N CONSTANT; 1:VARY WITH ELEVATION; 2:VARY WITH DISCHARGE)

NUTP= 0 (NUMBER OF POINTS IN THE UPSTREAM RATING TABLE)

NDTP= 0 (NUMBER OF POINTS IN THE DOWNSTRM RATING TABLE)

NDTP2= 0 (NO. OF PTS IN THE 2 ND DOWNSTRM RATING TABLE)

NDTP3= 0 (NO. OF PTS IN THE 3 RD DOWNSTRM RATING TABLE)

NDTP4= 0 (NO. OF PTS IN THE 4 TH DOWNSTRM RATING TABLE)

KUFAX= 1 KDFAX= 0 (HOURLY FAX SHEETS DISCHARGES USED RESPECTIVELY US & DS IF KUFAX=1 & KDFAX=1)

KSTRT= 0 (0:STARTING LINES READ WITH DATA; 1:READ FROM FILE NA)
)
 KEND= 0 (0:ENDING LINE NOT SAVED; 1:SAVED IN FILE NA)
)

THE MODEL HAS A TOTAL NUMBER OF 37 COMPUTATION NODES

+ _____

CHANNEL 1 UPSTREAM MILE: 424.70

REACH LENGTH US TO DS IN FEET

REACH DX

- 1 11088.00
- 2 11141.00
- 3 11088.00
- 4 11141.00
- 5 11035.00
- 6 11141.00
- 7 11088.00
- 8 11088.00
- 9 11141.00
- 10 11088.00
- 11 11088.00
- 12 11088.00

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- 2 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200.
- 3 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200.
- 4 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200. 19200.
- 5 19000. 18400. 18400. 18400. 18400. 18100. 18400. 26500. 28700. 41000. 41300. 41600. 41300. 41500. 42400. 42700. 42400. 42400. 42400. 42400. 42000. 43200. 43200. 43200.
- 6 43000. 43000. 43200. 43200. 43200. 43200. 43500. 44600. 45200. 44900. 45200. 44900. 44600. 45200. 45500. 45500. 45500. 45500. 45500. 50100. 52900. 61700. 66000. 69900.
- 7 75400. 82100. 81800. 92500. 115400. 113900. 111800. 118800. 116800. 116500. 114400. 144700. 162500. 160200. 180600. 178400. 178400. 178800. 184100. 184100. 189400. 195600. 195600. 201700.
- 8 203900. 204200. 220500. 220500. 219400. 219600. 219300. 219900. 230900. 231500. 244400. 237500. 237800. 237800. 237800. 237800. 238300. 240600. 252900. 250900. 252200. 251900. 251600.
- 9 251600. 251600. 251300. 248400. 245000. 245000. 250300. 250500. 250300. 250500. 250900. 251100. 251100. 251100. 251100. 251100. 251100. 250500. 250800. 244700. 238600. 238600. 238600.
- 10 238600. 237800. 238100. 238100. 241000. 235800. 230400. 230400. 230400. 230400. 219100. 219400. 219100. 210200. 208900. 208900. 206100. 203000. 203000. 200000. 197200. 199600. 199400. 199600.
- 11 193600. 187500. 187500. 181700. 182000. 182300. 181300. 182300. 172100. 171800. 172100. 173100. 173600. 173100. 154700. 143600. 134800. 134500. 137400. 137200. 137500. 137200. 137200. 135100.
- 12 135100. 134800. 135100. 134800. 129500. 129500. 129200. 129500. 129500. 119300. 119100. 119600. 119400. 121300. 112400. 112700. 105000. 105100. 104800. 104500. 103900. 104200. 104200. 104200.
- 13 104100. 104400. 104300. 104300. 105900. 103700. 104000. 104300. 104800. 104500. 104700. 102200. 102600. 102200. 100500. 100000. 99700. 99700. 99800. 97500. 97900. 97800. 97500. 97500.
- 14 98400. 98700. 98700. 98400. 98400. 98400. 98400. 98400. 98400. 98700. 98200. 98400. 98500. 98500. 98500. 98400. 98400. 98700. 97400. 96200. 93800. 93900. 94900. 94700. 94700.
- 15 95100. 95100. 95100. 95100. 94800. 97000. 97600. 99700. 99700. 99700. 99700. 99700. 99700. 99700. 99700. 99700. 99600. 99600. 99600. 99500. 99500. 99500. 98600. 98900. 98900.

PRESCRIBED DOWNSTREAM BOUNDARY, CHANNEL 1

ELEVATION HOURS DAY TIME

594.26 0.00 10 0.00
 594.26 96.00 13 24.00
 594.26 97.00 14 1.00
 594.31 98.00 14 2.00

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594.31	99.00	14	3.00
594.29	100.00	14	4.00
594.26	101.00	14	5.00
594.23	102.00	14	6.00
594.17	103.00	14	7.00
594.15	104.00	14	8.00
594.06	105.00	14	9.00
594.08	106.00	14	10.00
594.01	107.00	14	11.00
593.97	108.00	14	12.00
593.90	109.00	14	13.00
593.86	110.00	14	14.00
593.85	111.00	14	15.00
593.85	112.00	14	16.00
593.87	113.00	14	17.00
593.85	114.00	14	18.00
593.85	115.00	14	19.00
593.88	116.00	14	20.00
593.88	117.00	14	21.00
593.85	118.00	14	22.00
593.80	119.00	14	23.00
593.79	120.00	14	24.00
593.77	121.00	15	1.00
593.76	122.00	15	2.00
593.76	123.00	15	3.00
593.76	124.00	15	4.00
593.76	125.00	15	5.00
593.73	126.00	15	6.00
593.64	127.00	15	7.00
593.78	128.00	15	8.00
593.78	129.00	15	9.00
593.80	130.00	15	10.00
593.78	131.00	15	11.00
593.76	132.00	15	12.00
593.78	133.00	15	13.00
593.80	134.00	15	14.00
593.80	135.00	15	15.00
593.78	136.00	15	16.00
593.75	137.00	15	17.00
593.95	138.00	15	18.00
594.00	139.00	15	19.00
594.03	140.00	15	20.00
594.03	141.00	15	21.00
594.00	142.00	15	22.00
594.02	143.00	15	23.00
594.06	144.00	15	24.00
594.12	145.00	16	1.00
594.12	146.00	16	2.00
594.16	147.00	16	3.00
594.18	148.00	16	4.00
594.20	149.00	16	5.00

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594.12	150.00	16	6.00
594.08	151.00	16	7.00
593.85	152.00	16	8.00
593.74	153.00	16	9.00
593.40	154.00	16	10.00
593.30	155.00	16	11.00
593.46	156.00	16	12.00
593.40	157.00	16	13.00
593.47	158.00	16	14.00
593.48	159.00	16	15.00
593.47	160.00	16	16.00
593.45	161.00	16	17.00
593.50	162.00	16	18.00
593.55	163.00	16	19.00
593.58	164.00	16	20.00
593.60	165.00	16	21.00
593.73	166.00	16	22.00
593.80	167.00	16	23.00
594.00	168.00	16	24.00
594.00	169.00	17	1.00
594.18	170.00	17	2.00
594.26	171.00	17	3.00
594.32	172.00	17	4.00
594.42	173.00	17	5.00
594.50	174.00	17	6.00
594.62	175.00	17	7.00
594.70	176.00	17	8.00
594.76	177.00	17	9.00
594.84	178.00	17	10.00
594.96	179.00	17	11.00
594.92	180.00	17	12.00
594.94	181.00	17	13.00
594.94	182.00	17	14.00
594.95	183.00	17	15.00
595.00	184.00	17	16.00
595.05	185.00	17	17.00
595.13	186.00	17	18.00
595.17	187.00	17	19.00
595.20	188.00	17	20.00
595.30	189.00	17	21.00
595.33	190.00	17	22.00
595.36	191.00	17	23.00
595.40	192.00	17	24.00
595.45	193.00	18	1.00
595.50	194.00	18	2.00
595.52	195.00	18	3.00
595.55	196.00	18	4.00
595.60	197.00	18	5.00
595.60	198.00	18	6.00
595.64	199.00	18	7.00
595.70	200.00	18	8.00

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595.70 201.00 18 9.00
595.70 202.00 18 10.00
595.72 203.00 18 11.00
595.64 204.00 18 12.00
595.66 205.00 18 13.00
595.68 206.00 18 14.00
595.68 207.00 18 15.00
595.70 208.00 18 16.00
595.48 209.00 18 17.00
595.45 210.00 18 18.00
595.48 211.00 18 19.00
595.48 212.00 18 20.00
595.47 213.00 18 21.00
595.45 214.00 18 22.00
595.45 215.00 18 23.00
595.42 216.00 18 24.00
595.40 217.00 19 1.00
595.38 218.00 19 2.00
595.35 219.00 19 3.00
595.30 220.00 19 4.00
595.30 221.00 19 5.00
595.30 222.00 19 6.00
595.26 223.00 19 7.00
595.22 224.00 19 8.00
595.20 225.00 19 9.00
595.20 226.00 19 10.00
595.18 227.00 19 11.00
595.14 228.00 19 12.00
595.20 229.00 19 13.00
595.15 230.00 19 14.00
595.12 231.00 19 15.00
595.15 232.00 19 16.00
595.12 233.00 19 17.00
595.08 234.00 19 18.00
595.08 235.00 19 19.00
595.05 236.00 19 20.00
595.00 237.00 19 21.00
595.00 238.00 19 22.00
594.98 239.00 19 23.00
594.95 240.00 19 24.00
594.90 241.00 20 1.00
594.85 242.00 20 2.00
594.80 243.00 20 3.00
594.75 244.00 20 4.00
594.72 245.00 20 5.00
594.70 246.00 20 6.00
594.62 247.00 20 7.00
594.54 248.00 20 8.00
594.52 249.00 20 9.00
594.56 250.00 20 10.00
594.50 251.00 20 11.00

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594.48	252.00	20	12.00
594.48	253.00	20	13.00
594.50	254.00	20	14.00
594.65	255.00	20	15.00
594.69	256.00	20	16.00
594.69	257.00	20	17.00
594.64	258.00	20	18.00
594.67	259.00	20	19.00
594.60	260.00	20	20.00
594.60	261.00	20	21.00
594.55	262.00	20	22.00
594.50	263.00	20	23.00
594.48	264.00	20	24.00
594.45	265.00	21	1.00
594.40	266.00	21	2.00
594.40	267.00	21	3.00
594.38	268.00	21	4.00
594.30	269.00	21	5.00
594.25	270.00	21	6.00
594.18	271.00	21	7.00
594.12	272.00	21	8.00
594.18	273.00	21	9.00
594.27	274.00	21	10.00
594.23	275.00	21	11.00
594.18	276.00	21	12.00
594.33	277.00	21	13.00
594.50	278.00	21	14.00
594.60	279.00	21	15.00
594.62	280.00	21	16.00
594.63	281.00	21	17.00
594.65	282.00	21	18.00
594.66	283.00	21	19.00
594.66	284.00	21	20.00
594.60	285.00	21	21.00
594.65	286.00	21	22.00
594.62	287.00	21	23.00
594.62	288.00	21	24.00
594.60	289.00	22	1.00
594.58	290.00	22	2.00
594.55	291.00	22	3.00
594.55	292.00	22	4.00
594.51	293.00	22	5.00
594.48	294.00	22	6.00
594.42	295.00	22	7.00
594.42	296.00	22	8.00
594.40	297.00	22	9.00
594.40	298.00	22	10.00
594.33	299.00	22	11.00
594.32	300.00	22	12.00
594.23	301.00	22	13.00
594.23	302.00	22	14.00

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594.20 303.00 22 15.00
594.32 304.00 22 16.00
594.31 305.00 22 17.00
594.31 306.00 22 18.00
594.26 307.00 22 19.00
594.26 308.00 22 20.00
594.25 309.00 22 21.00
594.25 310.00 22 22.00
594.24 311.00 22 23.00
594.24 312.00 22 24.00
594.22 313.00 23 1.00
594.22 314.00 23 2.00
594.20 315.00 23 3.00
594.20 316.00 23 4.00
594.20 317.00 23 5.00
594.18 318.00 23 6.00
594.15 319.00 23 7.00
594.15 320.00 23 8.00
594.15 321.00 23 9.00
594.10 322.00 23 10.00
594.10 323.00 23 11.00
594.08 324.00 23 12.00
594.15 325.00 23 13.00
594.08 326.00 23 14.00
594.10 327.00 23 15.00
594.10 328.00 23 16.00
594.16 329.00 23 17.00
594.14 330.00 23 18.00
594.13 331.00 23 19.00
594.13 332.00 23 20.00
594.13 333.00 23 21.00
594.13 334.00 23 22.00
594.12 335.00 23 23.00
594.12 336.00 23 24.00
594.14 337.00 24 1.00
594.14 338.00 24 2.00
594.10 339.00 24 3.00
594.12 340.00 24 4.00
594.12 341.00 24 5.00
594.10 342.00 24 6.00
594.08 343.00 24 7.00
594.08 344.00 24 8.00
594.05 345.00 24 9.00
594.05 346.00 24 10.00
594.05 347.00 24 11.00
594.05 348.00 24 12.00
594.05 349.00 24 13.00
594.03 350.00 24 14.00
594.03 351.00 24 15.00
594.00 352.00 24 16.00
593.95 353.00 24 17.00

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593.92 354.00 24 18.00
 593.92 355.00 24 19.00
 593.96 356.00 24 20.00
 593.96 357.00 24 21.00
 594.00 358.00 24 22.00
 594.02 359.00 24 23.00
 594.00 360.00 24 24.00

ROUGHNESS FACTORS IN CHANNEL 1

0.0230 0.0230 0.0230 0.0230 0.0270 0.0270 0.0270 0.0270
 0.0270 0.0270 0.0240 0.0240 0.0220 0.0220 0.0220 0.0220
 0.0220 0.0220 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210
 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210
 0.0210 0.0220 0.0230 0.0240 0.0240 0.0000

NUMBER OF CONCENTRATED LOCALS: 1; NUMBER OF DISTRIBUTED LOCALS: 4

CONCENTRATED LOCAL NO. 1 COMES IN CHANNEL 1 AT MILE 422.700

DISTRIBUTED LOCAL NO. 1 COMES IN CHANNEL 1 BETWEEN MILES 424.700 & 391.060

DISTRIBUTED LOCAL NO. 2 COMES IN CHANNEL 1 BETWEEN MILES 424.690 & 391.060

DISTRIBUTED LOCAL NO. 3 COMES IN CHANNEL 1 BETWEEN MILES 391.060 & 349.000

DISTRIBUTED LOCAL NO. 4 COMES IN CHANNEL 1 BETWEEN MILES 391.070 & 349.000

CONCENTRATED LOCAL INFLOW NO. 1 THIS LOCAL INFLOW OCCURS IN REACH 1

DISCHARGE HOURS DAY TIME

2111. 0.00 10 0.00
 2111. 2.00 10 2.00
 2111. 4.00 10 4.00
 2111. 6.00 10 6.00
 2111. 8.00 10 8.00
 2111. 10.00 10 10.00
 2111. 12.00 10 12.00
 2111. 14.00 10 14.00
 2111. 16.00 10 16.00
 2111. 18.00 10 18.00
 2111. 20.00 10 20.00
 2111. 22.00 10 22.00
 2111. 24.00 10 24.00
 2111. 26.00 11 2.00
 2111. 28.00 11 4.00
 2111. 30.00 11 6.00
 2111. 32.00 11 8.00

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2111.	34.00	11	10.00
2111.	36.00	11	12.00
2111.	38.00	11	14.00
2111.	40.00	11	16.00
2111.	42.00	11	18.00
2111.	44.00	11	20.00
2111.	46.00	11	22.00
2111.	48.00	11	24.00
2111.	50.00	12	2.00
2111.	52.00	12	4.00
2111.	54.00	12	6.00
2111.	56.00	12	8.00
2111.	58.00	12	10.00
2111.	60.00	12	12.00
2111.	62.00	12	14.00
2111.	64.00	12	16.00
2111.	66.00	12	18.00
2111.	68.00	12	20.00
2111.	70.00	12	22.00
2111.	72.00	12	24.00
2111.	74.00	13	2.00
2111.	76.00	13	4.00
2111.	78.00	13	6.00
2111.	80.00	13	8.00
2111.	82.00	13	10.00
2111.	84.00	13	12.00
2111.	86.00	13	14.00
2111.	88.00	13	16.00
2111.	90.00	13	18.00
2111.	92.00	13	20.00
2111.	94.00	13	22.00
2111.	96.00	13	24.00
2052.	98.00	14	2.00
2003.	100.00	14	4.00
1954.	102.00	14	6.00
1908.	104.00	14	8.00
1866.	106.00	14	10.00
1810.	108.00	14	12.00
1779.	110.00	14	14.00
1740.	112.00	14	16.00
1705.	114.00	14	18.00
1667.	116.00	14	20.00
1632.	118.00	14	22.00
1597.	120.00	14	24.00
1562.	122.00	15	2.00
1530.	124.00	15	4.00
1495.	126.00	15	6.00
1471.	128.00	15	8.00
1443.	130.00	15	10.00
1415.	132.00	15	12.00
1390.	134.00	15	14.00

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1418.	136.00	15	16.00
1502.	138.00	15	18.00
1663.	140.00	15	20.00
1919.	142.00	15	22.00
2216.	144.00	15	24.00
2613.	146.00	16	2.00
3300.	148.00	16	4.00
4196.	150.00	16	6.00
5196.	152.00	16	8.00
6096.	154.00	16	10.00
7125.	156.00	16	12.00
8430.	158.00	16	14.00
11150.	160.00	16	16.00
16400.	162.00	16	18.00
21040.	164.00	16	20.00
25380.	166.00	16	22.00
28250.	168.00	16	24.00
29580.	170.00	17	2.00
28810.	172.00	17	4.00
28740.	174.00	17	6.00
27620.	176.00	17	8.00
26570.	178.00	17	10.00
25170.	180.00	17	12.00
23700.	182.00	17	14.00
22370.	184.00	17	16.00
20970.	186.00	17	18.00
19990.	188.00	17	20.00
19010.	190.00	17	22.00
18200.	192.00	17	24.00
17660.	194.00	18	2.00
16940.	196.00	18	4.00
16400.	198.00	18	6.00
15800.	200.00	18	8.00
15260.	202.00	18	10.00
14660.	204.00	18	12.00
14480.	206.00	18	14.00
13880.	208.00	18	16.00
13100.	210.00	18	18.00
12680.	212.00	18	20.00
11960.	214.00	18	22.00
11350.	216.00	18	24.00
10950.	218.00	19	2.00
10450.	220.00	19	4.00
10060.	222.00	19	6.00
9620.	224.00	19	8.00
8820.	226.00	19	10.00
8700.	228.00	19	12.00
8360.	230.00	19	14.00
8060.	232.00	19	16.00
7700.	234.00	19	18.00
7375.	236.00	19	20.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 13 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

7125.	238.00	19	22.00
6800.	240.00	19	24.00
6470.	242.00	20	2.00
6184.	244.00	20	4.00
5860.	246.00	20	6.00
5502.	248.00	20	8.00
5128.	250.00	20	10.00
4790.	252.00	20	12.00
4500.	254.00	20	14.00
4268.	256.00	20	16.00
4084.	258.00	20	18.00
3884.	260.00	20	20.00
3724.	262.00	20	22.00
3580.	264.00	20	24.00
3465.	266.00	21	2.00
3445.	268.00	21	4.00
3544.	270.00	21	6.00
3562.	272.00	21	8.00
3604.	274.00	21	10.00
3700.	276.00	21	12.00
3814.	278.00	21	14.00
3884.	280.00	21	16.00
4108.	282.00	21	18.00
4236.	284.00	21	20.00
4300.	286.00	21	22.00
4380.	288.00	21	24.00
4360.	290.00	22	2.00
4390.	292.00	22	4.00
4350.	294.00	22	6.00
4310.	296.00	22	8.00
4252.	298.00	22	10.00
4172.	300.00	22	12.00
4076.	302.00	22	14.00
3972.	304.00	22	16.00
3844.	306.00	22	18.00
3748.	308.00	22	20.00
3652.	310.00	22	22.00
3556.	312.00	22	24.00
3460.	314.00	23	2.00
3375.	316.00	23	4.00
3280.	318.00	23	6.00
3200.	320.00	23	8.00
3105.	322.00	23	10.00
3020.	324.00	23	12.00
2930.	326.00	23	14.00
2840.	328.00	23	16.00
2757.	330.00	23	18.00
2685.	332.00	23	20.00
2618.	334.00	23	22.00
2550.	336.00	23	24.00
2490.	338.00	24	2.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 14 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

2430. 340.00 24 4.00
 2378. 342.00 24 6.00
 2326. 344.00 24 8.00
 2274. 346.00 24 10.00
 2230. 348.00 24 12.00
 2195. 350.00 24 14.00
 2160. 352.00 24 16.00
 2122. 354.00 24 18.00
 2087. 356.00 24 20.00
 2055. 358.00 24 22.00
 2024. 360.00 24 24.00

DISTRIBUTED LOCAL INFLOW NO. 1 THIS LOCAL INFLOW OCCURS IN 16 REACHES: 1 THRU 16, 33.64 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 10 0.00
 0. 3.00 10 3.00
 0. 6.00 10 6.00
 0. 9.00 10 9.00
 0. 12.00 10 12.00
 0. 15.00 10 15.00
 0. 18.00 10 18.00
 0. 21.00 10 21.00
 0. 24.00 10 24.00
 0. 27.00 11 3.00
 0. 30.00 11 6.00
 0. 33.00 11 9.00
 0. 36.00 11 12.00
 0. 39.00 11 15.00
 0. 42.00 11 18.00
 0. 45.00 11 21.00
 0. 48.00 11 24.00
 0. 51.00 12 3.00
 0. 54.00 12 6.00
 0. 57.00 12 9.00
 0. 60.00 12 12.00
 0. 63.00 12 15.00
 0. 66.00 12 18.00
 0. 69.00 12 21.00
 0. 72.00 12 24.00
 0. 75.00 13 3.00
 0. 78.00 13 6.00
 0. 81.00 13 9.00
 0. 84.00 13 12.00
 0. 87.00 13 15.00
 0. 90.00 13 18.00
 0. 93.00 13 21.00
 0. 96.00 13 24.00
 0. 99.00 14 3.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 15 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 102.00 14 6.00
 0. 105.00 14 9.00
 0. 108.00 14 12.00
 0. 111.00 14 15.00
 0. 114.00 14 18.00
 0. 117.00 14 21.00
 3874. 120.00 14 24.00
 4024. 123.00 15 3.00
 4189. 126.00 15 6.00
 4923. 129.00 15 9.00
 5816. 132.00 15 12.00
 8804. 135.00 15 15.00
 12205. 138.00 15 18.00
 21140. 141.00 15 21.00
 30504. 144.00 15 24.00
 46467. 147.00 16 3.00
 60658. 150.00 16 6.00
 79178. 153.00 16 9.00
 91049. 156.00 16 12.00
 104006. 159.00 16 15.00
 109653. 162.00 16 18.00
 111769. 165.00 16 21.00
 104548. 168.00 16 24.00
 94778. 171.00 17 3.00
 82512. 174.00 17 6.00
 72097. 177.00 17 9.00
 63255. 180.00 17 12.00
 55650. 183.00 17 15.00
 49954. 186.00 17 18.00
 44835. 189.00 17 21.00
 41097. 192.00 17 24.00
 37595. 195.00 18 3.00
 34931. 198.00 18 6.00
 32354. 201.00 18 9.00
 30350. 204.00 18 12.00
 28360. 207.00 18 15.00
 26759. 210.00 18 18.00
 25016. 213.00 18 21.00
 23631. 216.00 18 24.00
 22077. 219.00 19 3.00
 20779. 222.00 19 6.00
 19431. 225.00 19 9.00
 18148. 228.00 19 12.00
 17031. 231.00 19 15.00
 15925. 234.00 19 18.00
 14974. 237.00 19 21.00
 14024. 240.00 19 24.00
 13346. 243.00 20 3.00
 12668. 246.00 20 6.00
 12163. 249.00 20 9.00
 11657. 252.00 20 12.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 16 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

11358. 255.00 20 15.00
 11060. 258.00 20 18.00
 10817. 261.00 20 21.00
 10573. 264.00 20 24.00
 10352. 267.00 21 3.00
 10130. 270.00 21 6.00
 9939. 273.00 21 9.00
 9748. 276.00 21 12.00
 9640. 279.00 21 15.00
 9533. 282.00 21 18.00
 9498. 285.00 21 21.00
 9462. 288.00 21 24.00
 9528. 291.00 22 3.00
 9593. 294.00 22 6.00
 9686. 297.00 22 9.00
 9778. 300.00 22 12.00
 9876. 303.00 22 15.00
 9876. 306.00 22 18.00
 9876. 309.00 22 21.00
 9876. 312.00 22 24.00
 9876. 315.00 23 3.00
 9876. 318.00 23 6.00
 9876. 321.00 23 9.00
 9876. 324.00 23 12.00
 9876. 327.00 23 15.00
 9876. 330.00 23 18.00
 9876. 333.00 23 21.00
 9876. 336.00 23 24.00
 9876. 339.00 24 3.00
 9876. 342.00 24 6.00
 9876. 345.00 24 9.00
 9876. 348.00 24 12.00
 9876. 351.00 24 15.00
 9876. 354.00 24 18.00
 9876. 357.00 24 21.00
 9876. 360.00 24 24.00

DISTRIBUTED LOCAL INFLOW NO. 2 THIS LOCAL INFLOW OCCURS IN 16 REACHES: 1 THRU 16, 33.63 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 10 0.00
 0. 1.00 10 1.00
 0. 2.00 10 2.00
 0. 3.00 10 3.00
 0. 4.00 10 4.00
 0. 5.00 10 5.00
 0. 6.00 10 6.00
 0. 7.00 10 7.00
 0. 8.00 10 8.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 17 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 9.00 10 9.00
0. 10.00 10 10.00
0. 11.00 10 11.00
0. 12.00 10 12.00
0. 13.00 10 13.00
0. 14.00 10 14.00
0. 15.00 10 15.00
0. 16.00 10 16.00
0. 17.00 10 17.00
0. 18.00 10 18.00
0. 19.00 10 19.00
0. 20.00 10 20.00
0. 21.00 10 21.00
0. 22.00 10 22.00
0. 23.00 10 23.00
0. 24.00 10 24.00
0. 25.00 11 1.00
0. 26.00 11 2.00
0. 27.00 11 3.00
0. 28.00 11 4.00
0. 29.00 11 5.00
0. 30.00 11 6.00
0. 31.00 11 7.00
0. 32.00 11 8.00
0. 33.00 11 9.00
0. 34.00 11 10.00
0. 35.00 11 11.00
0. 36.00 11 12.00
0. 37.00 11 13.00
0. 38.00 11 14.00
0. 39.00 11 15.00
0. 40.00 11 16.00
0. 41.00 11 17.00
0. 42.00 11 18.00
0. 43.00 11 19.00
0. 44.00 11 20.00
0. 45.00 11 21.00
0. 46.00 11 22.00
0. 47.00 11 23.00
0. 48.00 11 24.00
0. 49.00 12 1.00
0. 50.00 12 2.00
0. 51.00 12 3.00
0. 52.00 12 4.00
0. 53.00 12 5.00
0. 54.00 12 6.00
0. 55.00 12 7.00
0. 56.00 12 8.00
0. 57.00 12 9.00
0. 58.00 12 10.00
0. 59.00 12 11.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 18 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 60.00 12 12.00
 0. 61.00 12 13.00
 0. 62.00 12 14.00
 0. 63.00 12 15.00
 0. 64.00 12 16.00
 0. 65.00 12 17.00
 0. 66.00 12 18.00
 0. 67.00 12 19.00
 0. 68.00 12 20.00
 0. 69.00 12 21.00
 0. 70.00 12 22.00
 0. 71.00 12 23.00
 0. 72.00 12 24.00
 0. 73.00 13 1.00
 0. 74.00 13 2.00
 0. 75.00 13 3.00
 0. 76.00 13 4.00
 0. 77.00 13 5.00
 0. 78.00 13 6.00
 0. 79.00 13 7.00
 0. 80.00 13 8.00
 0. 81.00 13 9.00
 0. 82.00 13 10.00
 0. 83.00 13 11.00
 0. 84.00 13 12.00
 0. 85.00 13 13.00
 0. 86.00 13 14.00
 0. 87.00 13 15.00
 0. 88.00 13 16.00
 0. 89.00 13 17.00
 0. 90.00 13 18.00
 0. 91.00 13 19.00
 0. 92.00 13 20.00
 0. 93.00 13 21.00
 0. 94.00 13 22.00
 0. 95.00 13 23.00
 0. 96.00 13 24.00
 0. 97.00 14 1.00
 0. 98.00 14 2.00
 0. 99.00 14 3.00
 0. 100.00 14 4.00
 0. 101.00 14 5.00
 0. 102.00 14 6.00
 0. 103.00 14 7.00
 0. 104.00 14 8.00
 0. 105.00 14 9.00
 0. 106.00 14 10.00
 0. 107.00 14 11.00
 0. 108.00 14 12.00
 0. 109.00 14 13.00
 0. 110.00 14 14.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 19 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 111.00 14 15.00
 0. 112.00 14 16.00
 0. 113.00 14 17.00
 0. 114.00 14 18.00
 0. 115.00 14 19.00
 0. 116.00 14 20.00
 0. 117.00 14 21.00
 0. 118.00 14 22.00
 0. 119.00 14 23.00
 0. 120.00 14 24.00
 0. 121.00 15 1.00
 0. 122.00 15 2.00
 0. 123.00 15 3.00
 0. 124.00 15 4.00
 2194. 125.00 15 5.00
 1316. 126.00 15 6.00
 658. 127.00 15 7.00
 329. 128.00 15 8.00
 439. 129.00 15 9.00
 1316. 130.00 15 10.00
 549. 131.00 15 11.00
 1426. 132.00 15 12.00
 110. 133.00 15 13.00
 768. 134.00 15 14.00
 878. 135.00 15 15.00
 1536. 136.00 15 16.00
 2414. 137.00 15 17.00
 4937. 138.00 15 18.00
 6034. 139.00 15 19.00
 4279. 140.00 15 20.00
 3072. 141.00 15 21.00
 2852. 142.00 15 22.00
 2194. 143.00 15 23.00
 4059. 144.00 15 24.00
 6692. 145.00 16 1.00
 3949. 146.00 16 2.00
 2962. 147.00 16 3.00
 1097. 148.00 16 4.00
 878. 149.00 16 5.00
 1865. 150.00 16 6.00
 1646. 151.00 16 7.00
 1865. 152.00 16 8.00
 4717. 153.00 16 9.00
 6034. 154.00 16 10.00
 5266. 155.00 16 11.00
 3401. 156.00 16 12.00
 3072. 157.00 16 13.00
 1646. 158.00 16 14.00
 329. 159.00 16 15.00
 439. 160.00 16 16.00
 219. 161.00 16 17.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 20 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

329. 162.00 16 18.00
 549. 163.00 16 19.00
 329. 164.00 16 20.00
 110. 165.00 16 21.00
 110. 166.00 16 22.00
 110. 167.00 16 23.00
 110. 168.00 16 24.00
 7486. 169.00 17 1.00
 903. 170.00 17 2.00
 129. 171.00 17 3.00
 1420. 172.00 17 4.00
 2969. 173.00 17 5.00
 3356. 174.00 17 6.00
 774. 175.00 17 7.00
 0. 176.00 17 8.00
 0. 177.00 17 9.00
 0. 178.00 17 10.00
 387. 179.00 17 11.00
 2194. 180.00 17 12.00
 774. 181.00 17 13.00
 0. 182.00 17 14.00
 0. 183.00 17 15.00
 0. 184.00 17 16.00
 0. 185.00 17 17.00
 0. 186.00 17 18.00
 0. 187.00 17 19.00
 0. 188.00 17 20.00
 0. 189.00 17 21.00
 0. 190.00 17 22.00
 0. 191.00 17 23.00
 0. 192.00 17 24.00
 0. 193.00 18 1.00
 0. 194.00 18 2.00
 0. 195.00 18 3.00
 0. 196.00 18 4.00
 0. 197.00 18 5.00
 0. 198.00 18 6.00
 0. 199.00 18 7.00
 0. 200.00 18 8.00
 0. 201.00 18 9.00
 0. 202.00 18 10.00
 0. 203.00 18 11.00
 0. 204.00 18 12.00
 0. 205.00 18 13.00
 0. 206.00 18 14.00
 0. 207.00 18 15.00
 0. 208.00 18 16.00
 0. 209.00 18 17.00
 0. 210.00 18 18.00
 0. 211.00 18 19.00
 0. 212.00 18 20.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 21 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 213.00 18 21.00
0. 214.00 18 22.00
0. 215.00 18 23.00
0. 216.00 18 24.00
0. 217.00 19 1.00
0. 218.00 19 2.00
0. 219.00 19 3.00
0. 220.00 19 4.00
0. 221.00 19 5.00
0. 222.00 19 6.00
0. 223.00 19 7.00
0. 224.00 19 8.00
0. 225.00 19 9.00
0. 226.00 19 10.00
0. 227.00 19 11.00
0. 228.00 19 12.00
0. 229.00 19 13.00
0. 230.00 19 14.00
0. 231.00 19 15.00
0. 232.00 19 16.00
0. 233.00 19 17.00
0. 234.00 19 18.00
0. 235.00 19 19.00
0. 236.00 19 20.00
0. 237.00 19 21.00
0. 238.00 19 22.00
0. 239.00 19 23.00
0. 240.00 19 24.00
0. 241.00 20 1.00
0. 242.00 20 2.00
0. 243.00 20 3.00
0. 244.00 20 4.00
0. 245.00 20 5.00
0. 246.00 20 6.00
0. 247.00 20 7.00
0. 248.00 20 8.00
0. 249.00 20 9.00
0. 250.00 20 10.00
0. 251.00 20 11.00
0. 252.00 20 12.00
0. 253.00 20 13.00
0. 254.00 20 14.00
0. 255.00 20 15.00
0. 256.00 20 16.00
0. 257.00 20 17.00
0. 258.00 20 18.00
0. 259.00 20 19.00
0. 260.00 20 20.00
0. 261.00 20 21.00
0. 262.00 20 22.00
0. 263.00 20 23.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 22 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 264.00 20 24.00
0. 265.00 21 1.00
0. 266.00 21 2.00
0. 267.00 21 3.00
0. 268.00 21 4.00
0. 269.00 21 5.00
0. 270.00 21 6.00
0. 271.00 21 7.00
0. 272.00 21 8.00
0. 273.00 21 9.00
0. 274.00 21 10.00
0. 275.00 21 11.00
0. 276.00 21 12.00
0. 277.00 21 13.00
0. 278.00 21 14.00
0. 279.00 21 15.00
0. 280.00 21 16.00
0. 281.00 21 17.00
0. 282.00 21 18.00
0. 283.00 21 19.00
0. 284.00 21 20.00
0. 285.00 21 21.00
0. 286.00 21 22.00
0. 287.00 21 23.00
0. 288.00 21 24.00
0. 289.00 22 1.00
0. 290.00 22 2.00
0. 291.00 22 3.00
0. 292.00 22 4.00
0. 293.00 22 5.00
0. 294.00 22 6.00
0. 295.00 22 7.00
0. 296.00 22 8.00
0. 297.00 22 9.00
0. 298.00 22 10.00
0. 299.00 22 11.00
0. 300.00 22 12.00
0. 301.00 22 13.00
0. 302.00 22 14.00
0. 303.00 22 15.00
0. 304.00 22 16.00
0. 305.00 22 17.00
0. 306.00 22 18.00
0. 307.00 22 19.00
0. 308.00 22 20.00
0. 309.00 22 21.00
0. 310.00 22 22.00
0. 311.00 22 23.00
0. 312.00 22 24.00
0. 313.00 23 1.00
0. 314.00 23 2.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 23 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 315.00 23 3.00
 0. 316.00 23 4.00
 0. 317.00 23 5.00
 0. 318.00 23 6.00
 0. 319.00 23 7.00
 0. 320.00 23 8.00
 0. 321.00 23 9.00
 0. 322.00 23 10.00
 0. 323.00 23 11.00
 0. 324.00 23 12.00
 0. 325.00 23 13.00
 0. 326.00 23 14.00
 0. 327.00 23 15.00
 0. 328.00 23 16.00
 0. 329.00 23 17.00
 0. 330.00 23 18.00
 0. 331.00 23 19.00
 0. 332.00 23 20.00
 0. 333.00 23 21.00
 0. 334.00 23 22.00
 0. 335.00 23 23.00
 0. 336.00 23 24.00
 0. 337.00 24 1.00
 0. 338.00 24 2.00
 0. 339.00 24 3.00
 0. 340.00 24 4.00
 0. 341.00 24 5.00
 0. 342.00 24 6.00
 0. 343.00 24 7.00
 0. 344.00 24 8.00
 0. 345.00 24 9.00
 0. 346.00 24 10.00
 0. 347.00 24 11.00
 0. 348.00 24 12.00
 0. 349.00 24 13.00
 0. 350.00 24 14.00
 0. 351.00 24 15.00
 0. 352.00 24 16.00
 0. 353.00 24 17.00
 0. 354.00 24 18.00
 0. 355.00 24 19.00
 0. 356.00 24 20.00
 0. 357.00 24 21.00
 0. 358.00 24 22.00
 0. 359.00 24 23.00
 0. 360.00 24 24.00

DISTRIBUTED LOCAL INFLOW NO. 3 THIS LOCAL INFLOW OCCURS IN 21 REACHES: 16 THRU 36, 42.06 MILES

DISCHARGE HOURS DAY TIME

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 24 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0.	0.00	10	0.00
0.	3.00	10	3.00
0.	6.00	10	6.00
0.	9.00	10	9.00
0.	12.00	10	12.00
0.	15.00	10	15.00
0.	18.00	10	18.00
0.	21.00	10	21.00
0.	24.00	10	24.00
0.	27.00	11	3.00
0.	30.00	11	6.00
0.	33.00	11	9.00
0.	36.00	11	12.00
0.	39.00	11	15.00
0.	42.00	11	18.00
0.	45.00	11	21.00
0.	48.00	11	24.00
0.	51.00	12	3.00
0.	54.00	12	6.00
0.	57.00	12	9.00
0.	60.00	12	12.00
0.	63.00	12	15.00
0.	66.00	12	18.00
0.	69.00	12	21.00
0.	72.00	12	24.00
0.	75.00	13	3.00
0.	78.00	13	6.00
0.	81.00	13	9.00
0.	84.00	13	12.00
0.	87.00	13	15.00
0.	90.00	13	18.00
0.	93.00	13	21.00
0.	96.00	13	24.00
0.	99.00	14	3.00
0.	102.00	14	6.00
0.	105.00	14	9.00
0.	108.00	14	12.00
0.	111.00	14	15.00
0.	114.00	14	18.00
0.	117.00	14	21.00
3747.	120.00	14	24.00
3861.	123.00	15	3.00
3974.	126.00	15	6.00
4088.	129.00	15	9.00
4202.	132.00	15	12.00
6047.	135.00	15	15.00
8757.	138.00	15	18.00
14314.	141.00	15	21.00
20700.	144.00	15	24.00
27000.	147.00	16	3.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 25 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

30996.	150.00	16	6.00
37746.	153.00	16	9.00
44365.	156.00	16	12.00
52758.	159.00	16	15.00
60367.	162.00	16	18.00
63251.	165.00	16	21.00
59188.	168.00	16	24.00
52049.	171.00	17	3.00
44922.	174.00	17	6.00
39024.	177.00	17	9.00
34794.	180.00	17	12.00
31419.	183.00	17	15.00
29193.	186.00	17	18.00
26947.	189.00	17	21.00
25370.	192.00	17	24.00
23321.	195.00	18	3.00
21990.	198.00	18	6.00
20406.	201.00	18	9.00
19252.	204.00	18	12.00
17938.	207.00	18	15.00
17021.	210.00	18	18.00
15931.	213.00	18	21.00
15267.	216.00	18	24.00
14747.	219.00	19	3.00
14377.	222.00	19	6.00
14028.	225.00	19	9.00
13782.	228.00	19	12.00
13539.	231.00	19	15.00
13309.	234.00	19	18.00
13079.	237.00	19	21.00
12851.	240.00	19	24.00
12623.	243.00	20	3.00
12395.	246.00	20	6.00
12140.	249.00	20	9.00
11885.	252.00	20	12.00
11624.	255.00	20	15.00
11363.	258.00	20	18.00
11123.	261.00	20	21.00
10883.	264.00	20	24.00
10623.	267.00	21	3.00
10363.	270.00	21	6.00
10243.	273.00	21	9.00
10122.	276.00	21	12.00
10037.	279.00	21	15.00
9951.	282.00	21	18.00
10038.	285.00	21	21.00
10126.	288.00	21	24.00
10236.	291.00	22	3.00
10347.	294.00	22	6.00
10347.	297.00	22	9.00
10347.	300.00	22	12.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 26 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

10347. 303.00 22 15.00
 10347. 306.00 22 18.00
 10347. 309.00 22 21.00
 10347. 312.00 22 24.00
 10347. 315.00 23 3.00
 10347. 318.00 23 6.00
 10347. 321.00 23 9.00
 10347. 324.00 23 12.00
 10347. 327.00 23 15.00
 10347. 330.00 23 18.00
 10347. 333.00 23 21.00
 10347. 336.00 23 24.00
 10347. 339.00 24 3.00
 10347. 342.00 24 6.00
 10347. 345.00 24 9.00
 10347. 348.00 24 12.00
 10347. 351.00 24 15.00
 10347. 354.00 24 18.00
 10347. 357.00 24 21.00
 10347. 360.00 24 24.00

DISTRIBUTED LOCAL INFLOW NO. 4 THIS LOCAL INFLOW OCCURS IN 21 REACHES: 16 THRU 36, 42.07 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 10 0.00
 0. 1.00 10 1.00
 0. 2.00 10 2.00
 0. 3.00 10 3.00
 0. 4.00 10 4.00
 0. 5.00 10 5.00
 0. 6.00 10 6.00
 0. 7.00 10 7.00
 0. 8.00 10 8.00
 0. 9.00 10 9.00
 0. 10.00 10 10.00
 0. 11.00 10 11.00
 0. 12.00 10 12.00
 0. 13.00 10 13.00
 0. 14.00 10 14.00
 0. 15.00 10 15.00
 0. 16.00 10 16.00
 0. 17.00 10 17.00
 0. 18.00 10 18.00
 0. 19.00 10 19.00
 0. 20.00 10 20.00
 0. 21.00 10 21.00
 0. 22.00 10 22.00
 0. 23.00 10 23.00
 0. 24.00 10 24.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 27 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 25.00 11 1.00
0. 26.00 11 2.00
0. 27.00 11 3.00
0. 28.00 11 4.00
0. 29.00 11 5.00
0. 30.00 11 6.00
0. 31.00 11 7.00
0. 32.00 11 8.00
0. 33.00 11 9.00
0. 34.00 11 10.00
0. 35.00 11 11.00
0. 36.00 11 12.00
0. 37.00 11 13.00
0. 38.00 11 14.00
0. 39.00 11 15.00
0. 40.00 11 16.00
0. 41.00 11 17.00
0. 42.00 11 18.00
0. 43.00 11 19.00
0. 44.00 11 20.00
0. 45.00 11 21.00
0. 46.00 11 22.00
0. 47.00 11 23.00
0. 48.00 11 24.00
0. 49.00 12 1.00
0. 50.00 12 2.00
0. 51.00 12 3.00
0. 52.00 12 4.00
0. 53.00 12 5.00
0. 54.00 12 6.00
0. 55.00 12 7.00
0. 56.00 12 8.00
0. 57.00 12 9.00
0. 58.00 12 10.00
0. 59.00 12 11.00
0. 60.00 12 12.00
0. 61.00 12 13.00
0. 62.00 12 14.00
0. 63.00 12 15.00
0. 64.00 12 16.00
0. 65.00 12 17.00
0. 66.00 12 18.00
0. 67.00 12 19.00
0. 68.00 12 20.00
0. 69.00 12 21.00
0. 70.00 12 22.00
0. 71.00 12 23.00
0. 72.00 12 24.00
0. 73.00 13 1.00
0. 74.00 13 2.00
0. 75.00 13 3.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 28 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 76.00 13 4.00
 0. 77.00 13 5.00
 0. 78.00 13 6.00
 0. 79.00 13 7.00
 0. 80.00 13 8.00
 0. 81.00 13 9.00
 0. 82.00 13 10.00
 0. 83.00 13 11.00
 0. 84.00 13 12.00
 0. 85.00 13 13.00
 0. 86.00 13 14.00
 0. 87.00 13 15.00
 0. 88.00 13 16.00
 0. 89.00 13 17.00
 0. 90.00 13 18.00
 0. 91.00 13 19.00
 0. 92.00 13 20.00
 0. 93.00 13 21.00
 0. 94.00 13 22.00
 0. 95.00 13 23.00
 0. 96.00 13 24.00
 0. 97.00 14 1.00
 0. 98.00 14 2.00
 0. 99.00 14 3.00
 0. 100.00 14 4.00
 0. 101.00 14 5.00
 0. 102.00 14 6.00
 0. 103.00 14 7.00
 0. 104.00 14 8.00
 0. 105.00 14 9.00
 0. 106.00 14 10.00
 0. 107.00 14 11.00
 0. 108.00 14 12.00
 0. 109.00 14 13.00
 0. 110.00 14 14.00
 0. 111.00 14 15.00
 0. 112.00 14 16.00
 0. 113.00 14 17.00
 0. 114.00 14 18.00
 0. 115.00 14 19.00
 0. 116.00 14 20.00
 0. 117.00 14 21.00
 0. 118.00 14 22.00
 0. 119.00 14 23.00
 0. 120.00 14 24.00
 0. 121.00 15 1.00
 0. 122.00 15 2.00
 0. 123.00 15 3.00
 0. 124.00 15 4.00
 0. 125.00 15 5.00
 1110. 126.00 15 6.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 29 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

11655. 127.00 15 7.00
 1665. 128.00 15 8.00
 0. 129.00 15 9.00
 555. 130.00 15 10.00
 555. 131.00 15 11.00
 1110. 132.00 15 12.00
 5550. 133.00 15 13.00
 8325. 134.00 15 14.00
 1665. 135.00 15 15.00
 2220. 136.00 15 16.00
 26639. 137.00 15 17.00
 23309. 138.00 15 18.00
 7215. 139.00 15 19.00
 14985. 140.00 15 20.00
 11655. 141.00 15 21.00
 6660. 142.00 15 22.00
 3330. 143.00 15 23.00
 6660. 144.00 15 24.00
 0. 145.00 16 1.00
 2775. 146.00 16 2.00
 1665. 147.00 16 3.00
 1110. 148.00 16 4.00
 5550. 149.00 16 5.00
 4995. 150.00 16 6.00
 7215. 151.00 16 7.00
 1665. 152.00 16 8.00
 9435. 153.00 16 9.00
 50504. 154.00 16 10.00
 26084. 155.00 16 11.00
 16095. 156.00 16 12.00
 4440. 157.00 16 13.00
 3885. 158.00 16 14.00
 2220. 159.00 16 15.00
 555. 160.00 16 16.00
 0. 161.00 16 17.00
 2775. 162.00 16 18.00
 0. 163.00 16 19.00
 1110. 164.00 16 20.00
 0. 165.00 16 21.00
 555. 166.00 16 22.00
 0. 167.00 16 23.00
 0. 168.00 16 24.00
 19283. 169.00 17 1.00
 536. 170.00 17 2.00
 1071. 171.00 17 3.00
 536. 172.00 17 4.00
 0. 173.00 17 5.00
 0. 174.00 17 6.00
 0. 175.00 17 7.00
 0. 176.00 17 8.00
 0. 177.00 17 9.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 30 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 178.00 17 10.00
 0. 179.00 17 11.00
 3749. 180.00 17 12.00
 6963. 181.00 17 13.00
 1607. 182.00 17 14.00
 2143. 183.00 17 15.00
 2678. 184.00 17 16.00
 536. 185.00 17 17.00
 0. 186.00 17 18.00
 0. 187.00 17 19.00
 0. 188.00 17 20.00
 0. 189.00 17 21.00
 0. 190.00 17 22.00
 0. 191.00 17 23.00
 0. 192.00 17 24.00
 0. 193.00 18 1.00
 0. 194.00 18 2.00
 0. 195.00 18 3.00
 0. 196.00 18 4.00
 0. 197.00 18 5.00
 0. 198.00 18 6.00
 0. 199.00 18 7.00
 0. 200.00 18 8.00
 0. 201.00 18 9.00
 0. 202.00 18 10.00
 0. 203.00 18 11.00
 0. 204.00 18 12.00
 0. 205.00 18 13.00
 0. 206.00 18 14.00
 0. 207.00 18 15.00
 0. 208.00 18 16.00
 0. 209.00 18 17.00
 0. 210.00 18 18.00
 0. 211.00 18 19.00
 0. 212.00 18 20.00
 0. 213.00 18 21.00
 0. 214.00 18 22.00
 0. 215.00 18 23.00
 0. 216.00 18 24.00
 0. 217.00 19 1.00
 0. 218.00 19 2.00
 0. 219.00 19 3.00
 0. 220.00 19 4.00
 0. 221.00 19 5.00
 0. 222.00 19 6.00
 0. 223.00 19 7.00
 0. 224.00 19 8.00
 0. 225.00 19 9.00
 0. 226.00 19 10.00
 0. 227.00 19 11.00
 0. 228.00 19 12.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 31 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 229.00 19 13.00
0. 230.00 19 14.00
0. 231.00 19 15.00
0. 232.00 19 16.00
0. 233.00 19 17.00
0. 234.00 19 18.00
0. 235.00 19 19.00
0. 236.00 19 20.00
0. 237.00 19 21.00
0. 238.00 19 22.00
0. 239.00 19 23.00
0. 240.00 19 24.00
0. 241.00 20 1.00
0. 242.00 20 2.00
0. 243.00 20 3.00
0. 244.00 20 4.00
0. 245.00 20 5.00
0. 246.00 20 6.00
0. 247.00 20 7.00
0. 248.00 20 8.00
0. 249.00 20 9.00
0. 250.00 20 10.00
0. 251.00 20 11.00
0. 252.00 20 12.00
0. 253.00 20 13.00
0. 254.00 20 14.00
0. 255.00 20 15.00
0. 256.00 20 16.00
0. 257.00 20 17.00
0. 258.00 20 18.00
0. 259.00 20 19.00
0. 260.00 20 20.00
0. 261.00 20 21.00
0. 262.00 20 22.00
0. 263.00 20 23.00
0. 264.00 20 24.00
0. 265.00 21 1.00
0. 266.00 21 2.00
0. 267.00 21 3.00
0. 268.00 21 4.00
0. 269.00 21 5.00
0. 270.00 21 6.00
0. 271.00 21 7.00
0. 272.00 21 8.00
0. 273.00 21 9.00
0. 274.00 21 10.00
0. 275.00 21 11.00
0. 276.00 21 12.00
0. 277.00 21 13.00
0. 278.00 21 14.00
0. 279.00 21 15.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 32 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 280.00	21	16.00
0. 281.00	21	17.00
0. 282.00	21	18.00
0. 283.00	21	19.00
0. 284.00	21	20.00
0. 285.00	21	21.00
0. 286.00	21	22.00
0. 287.00	21	23.00
0. 288.00	21	24.00
0. 289.00	22	1.00
0. 290.00	22	2.00
0. 291.00	22	3.00
0. 292.00	22	4.00
0. 293.00	22	5.00
0. 294.00	22	6.00
0. 295.00	22	7.00
0. 296.00	22	8.00
0. 297.00	22	9.00
0. 298.00	22	10.00
0. 299.00	22	11.00
0. 300.00	22	12.00
0. 301.00	22	13.00
0. 302.00	22	14.00
0. 303.00	22	15.00
0. 304.00	22	16.00
0. 305.00	22	17.00
0. 306.00	22	18.00
0. 307.00	22	19.00
0. 308.00	22	20.00
0. 309.00	22	21.00
0. 310.00	22	22.00
0. 311.00	22	23.00
0. 312.00	22	24.00
0. 313.00	23	1.00
0. 314.00	23	2.00
0. 315.00	23	3.00
0. 316.00	23	4.00
0. 317.00	23	5.00
0. 318.00	23	6.00
0. 319.00	23	7.00
0. 320.00	23	8.00
0. 321.00	23	9.00
0. 322.00	23	10.00
0. 323.00	23	11.00
0. 324.00	23	12.00
0. 325.00	23	13.00
0. 326.00	23	14.00
0. 327.00	23	15.00
0. 328.00	23	16.00
0. 329.00	23	17.00
0. 330.00	23	18.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 33 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

0. 331.00 23 19.00
 0. 332.00 23 20.00
 0. 333.00 23 21.00
 0. 334.00 23 22.00
 0. 335.00 23 23.00
 0. 336.00 23 24.00
 0. 337.00 24 1.00
 0. 338.00 24 2.00
 0. 339.00 24 3.00
 0. 340.00 24 4.00
 0. 341.00 24 5.00
 0. 342.00 24 6.00
 0. 343.00 24 7.00
 0. 344.00 24 8.00
 0. 345.00 24 9.00
 0. 346.00 24 10.00
 0. 347.00 24 11.00
 0. 348.00 24 12.00
 0. 349.00 24 13.00
 0. 350.00 24 14.00
 0. 351.00 24 15.00
 0. 352.00 24 16.00
 0. 353.00 24 17.00
 0. 354.00 24 18.00
 0. 355.00 24 19.00
 0. 356.00 24 20.00
 0. 357.00 24 21.00
 0. 358.00 24 22.00
 0. 359.00 24 23.00
 0. 360.00 24 24.00

0THIRD LINE LOCAL INFLOWS

2111.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00

STEP-BACKWATER ALGORITHM DID NOT CONVERGE AT CROSS-SECTION NO. 15

THE INITIAL CONDITIONS ARE:

+

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)
MILE	424.70	595.97	19200.	0.98	19642.	2180.	6.75
MILE	420.49	595.61	21311.	1.14	18703.	1588.	5.29
MILE	416.28	595.40	21311.	1.10	19364.	1753.	5.76

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 34 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

MILE 412.08	595.19	21311.	0.88	24221.	2054.	6.23
MILE 407.88	595.01	21311.	0.81	26190.	1724.	6.69
MILE 403.67	594.93	21311.	0.81	26277.	1347.	7.25
MILE 399.47	594.77	21311.	0.61	34690.	5447.	7.81
MILE 395.26	594.59	21311.	0.64	33493.	9493.	9.44
MILE 391.06	594.41	21311.	0.52	40839.	2430.	7.41
MILE 386.85	594.38	21311.	0.40	53541.	4933.	5.52
MILE 382.64	594.36	21311.	0.30	71438.	9015.	5.76
MILE 378.44	594.32	21311.	0.36	58946.	11787.	5.38
MILE 374.23	594.30	21311.	0.21	99316.	13562.	6.32
MILE 370.03	594.29	21311.	0.19	109791.	7943.	6.85
MILE 365.82	594.28	21311.	0.17	124791.	7624.	6.78
MILE 361.62	594.28	21311.	0.19	113889.	12499.	7.78
MILE 357.41	594.27	21311.	0.16	136892.	23743.	7.80
MILE 353.21	594.26	21311.	0.19	110307.	6666.	9.21
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74

TIME 0.0014 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3)

MILE 422.60	595.78	21311.	1.31	16310.	1786.	5.60
MILE 418.39	595.51	21311.	1.03	20690.	1486.	7.71
MILE 414.19	595.29	21311.	0.87	24510.	1855.	5.61
MILE 409.98	595.09	21311.	0.81	26221.	2290.	6.49
MILE 405.77	594.97	21311.	0.74	28782.	1347.	8.44
MILE 401.57	594.86	21311.	0.64	33134.	4798.	6.89
MILE 397.36	594.70	21311.	0.61	34779.	4063.	7.72
MILE 393.16	594.46	21311.	0.57	37261.	7921.	6.78
MILE 388.95	594.40	21311.	0.41	52215.	4190.	6.22
MILE 384.74	594.37	21311.	0.35	60343.	4521.	5.88
MILE 380.54	594.35	21311.	0.32	67125.	9512.	6.76
MILE 376.34	594.31	21311.	0.24	89559.	13113.	6.03
MILE 372.13	594.29	21311.	0.19	110479.	13750.	6.53
MILE 367.92	594.28	21311.	0.21	99671.	7693.	5.93
MILE 363.72	594.28	21311.	0.18	118095.	12264.	7.64
MILE 359.51	594.27	21311.	0.15	137674.	11327.	7.25
MILE 355.31	594.27	21311.	0.13	166827.	18229.	8.75
MILE 351.10	594.26	21311.	0.23	91090.	5220.	9.53

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.97	19200.	0.98	19644.	2181.	6.75	0.0230	2111.	20.	0.06
MILE 420.49	595.57	21657.	1.16	18647.	1574.	5.28	0.0230	0.	17.	0.06
MILE 416.28	595.42	22039.	1.14	19382.	1757.	5.76	0.0270	0.	16.	0.06
MILE 412.08	595.15	22802.	0.94	24157.	2047.	6.22	0.0270	0.	19.	0.05

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 35 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

MILE 407.88	594.92	25482.	0.98	26048.	1715.	6.67	0.0270	0.	19.	0.04
MILE 403.67	594.80	27662.	1.06	26100.	1345.	7.23	0.0240	0.	21.	0.04
MILE 399.47	594.66	34460.	1.00	34501.	5421.	7.80	0.0220	0.	31.	0.07
MILE 395.26	594.61	34997.	1.04	33515.	9501.	9.44	0.0220	0.	36.	0.10
MILE 391.06	594.50	32564.	0.79	41095.	2440.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.46	29868.	0.55	53851.	4951.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.37	27482.	0.38	71478.	9018.	5.76	0.0210	0.	31.	0.02
MILE 378.44	594.32	25079.	0.43	58964.	11789.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.31	24648.	0.25	99422.	13573.	6.33	0.0210	0.	36.	0.02
MILE 370.03	594.30	24248.	0.22	109872.	7948.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.29	23982.	0.19	124812.	7625.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.27	23440.	0.21	113880.	12498.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	23089.	0.17	136901.	23745.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.27	23314.	0.21	110314.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	23199.	0.20	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.94	19200.	0.98	19602.	2153.	6.74	0.0230	2111.	20.	0.06
MILE 420.49	595.50	22507.	1.21	18528.	1544.	5.26	0.0230	0.	16.	0.06
MILE 416.28	595.33	23862.	1.24	19269.	1730.	5.74	0.0270	0.	16.	0.07
MILE 412.08	595.03	25685.	1.07	23967.	2024.	6.20	0.0270	0.	18.	0.05
MILE 407.88	594.81	27361.	1.06	25888.	1710.	6.65	0.0270	0.	19.	0.05
MILE 403.67	594.71	27468.	1.06	25987.	1344.	7.21	0.0240	0.	21.	0.04
MILE 399.47	594.64	27084.	0.79	34451.	5414.	7.80	0.0220	0.	31.	0.05
MILE 395.26	594.56	29282.	0.88	33452.	9478.	9.43	0.0220	0.	36.	0.08
MILE 391.06	594.47	33562.	0.82	41020.	2437.	7.42	0.0220	0.	28.	0.04
MILE 386.85	594.45	35277.	0.66	53803.	4948.	5.53	0.0210	0.	35.	0.04
MILE 382.64	594.40	35329.	0.49	71633.	9031.	5.77	0.0210	0.	31.	0.03
MILE 378.44	594.38	33744.	0.57	59253.	11818.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.34	30056.	0.30	99582.	13590.	6.33	0.0210	0.	36.	0.02
MILE 370.03	594.32	27126.	0.25	109966.	7954.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.30	26526.	0.21	124898.	7628.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.29	26407.	0.23	113938.	12505.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.28	25981.	0.19	136939.	23752.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.27	25178.	0.23	110329.	6668.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	25075.	0.22	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.78	19200.	0.99	19424.	2034.	6.70	0.0230	2111.	20.	0.06
MILE 420.49	595.37	22649.	1.24	18332.	1494.	5.23	0.0230	0.	16.	0.06
MILE 416.28	595.24	23449.	1.22	19144.	1699.	5.72	0.0270	0.	16.	0.06
MILE 412.08	594.97	24001.	1.01	23876.	2016.	6.18	0.0270	0.	18.	0.05
MILE 407.88	594.77	24698.	0.96	25825.	1708.	6.64	0.0270	0.	19.	0.04
MILE 403.67	594.66	25111.	0.97	25917.	1344.	7.20	0.0240	0.	21.	0.04
MILE 399.47	594.57	27143.	0.79	34338.	5398.	7.79	0.0220	0.	30.	0.06
MILE 395.26	594.53	28381.	0.85	33412.	9463.	9.43	0.0220	0.	36.	0.08
MILE 391.06	594.45	29264.	0.71	40942.	2434.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.42	30783.	0.57	53681.	4941.	5.53	0.0210	0.	35.	0.03
MILE 382.64	594.39	31857.	0.45	71581.	9026.	5.77	0.0210	0.	31.	0.03
MILE 378.44	594.37	34549.	0.58	59192.	11812.	5.39	0.0210	0.	38.	0.05
MILE 374.23	594.36	35529.	0.36	99699.	13602.	6.34	0.0210	0.	36.	0.02
MILE 370.03	594.35	34888.	0.32	110176.	7967.	6.87	0.0210	0.	44.	0.02
MILE 365.82	594.33	33559.	0.27	125123.	7635.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.31	30702.	0.27	114052.	12518.	7.79	0.0210	0.	49.	0.02
MILE 357.41	594.29	29344.	0.21	137010.	23764.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.28	29465.	0.27	110357.	6670.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	29541.	0.26	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.70	19200.	0.99	19341.	1978.	6.69	0.0230	2111.	20.	0.06
MILE 420.49	595.28	21830.	1.20	18202.	1462.	5.21	0.0230	0.	16.	0.06
MILE 416.28	595.15	22360.	1.18	19009.	1666.	5.70	0.0270	0.	16.	0.06
MILE 412.08	594.88	23170.	0.98	23737.	2008.	6.16	0.0270	0.	18.	0.05
MILE 407.88	594.70	24065.	0.94	25718.	1704.	6.62	0.0270	0.	18.	0.04
MILE 403.67	594.62	24480.	0.95	25856.	1343.	7.19	0.0240	0.	21.	0.04
MILE 399.47	594.54	25666.	0.75	34283.	5390.	7.78	0.0220	0.	30.	0.05
MILE 395.26	594.49	26197.	0.79	33368.	9447.	9.42	0.0220	0.	36.	0.07
MILE 391.06	594.43	28091.	0.69	40891.	2432.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.40	28823.	0.54	53630.	4938.	5.53	0.0210	0.	35.	0.03
MILE 382.64	594.38	28760.	0.40	71524.	9022.	5.76	0.0210	0.	31.	0.03
MILE 378.44	594.35	29822.	0.50	59109.	11804.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.34	32089.	0.32	99591.	13591.	6.33	0.0210	0.	36.	0.02
MILE 370.03	594.33	34796.	0.32	110044.	7959.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.31	36402.	0.29	125002.	7631.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.31	38503.	0.34	114046.	12517.	7.79	0.0210	0.	49.	0.02
MILE 357.41	594.31	38918.	0.28	137137.	23787.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.29	37351.	0.34	110425.	6675.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	37241.	0.32	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH	FROUDE							
MILE 424.70	595.65	19200.	1.00	19283.	1939.	6.67	0.0230	2111. 20. 0.06
MILE 420.49	595.23	21851.	1.21	18119.	1441.	5.19	0.0230	0. 16. 0.06
MILE 416.28	595.10	22251.	1.17	18941.	1650.	5.68	0.0270	0. 16. 0.06
MILE 412.08	594.83	22701.	0.96	23669.	2004.	6.15	0.0270	0. 18. 0.05
MILE 407.88	594.66	23087.	0.90	25656.	1702.	6.61	0.0270	0. 18. 0.04
MILE 403.67	594.58	23305.	0.90	25804.	1343.	7.18	0.0240	0. 21. 0.04
MILE 399.47	594.51	24127.	0.71	34214.	5381.	7.78	0.0220	0. 30. 0.05
MILE 395.26	594.47	24808.	0.74	33338.	9437.	9.42	0.0220	0. 36. 0.07
MILE 391.06	594.41	25891.	0.63	40842.	2430.	7.41	0.0220	0. 28. 0.03
MILE 386.85	594.38	26727.	0.50	53538.	4933.	5.52	0.0210	0. 35. 0.03
MILE 382.64	594.35	27281.	0.38	71383.	9010.	5.76	0.0210	0. 31. 0.02
MILE 378.44	594.33	29171.	0.49	59014.	11794.	5.38	0.0210	0. 38. 0.04
MILE 374.23	594.32	31283.	0.31	99454.	13577.	6.33	0.0210	0. 36. 0.02
MILE 370.03	594.31	33480.	0.30	109940.	7952.	6.86	0.0210	0. 44. 0.01
MILE 365.82	594.30	34769.	0.28	124938.	7629.	6.78	0.0210	0. 41. 0.01
MILE 361.62	594.29	37203.	0.33	113983.	12510.	7.79	0.0210	0. 49. 0.02
MILE 357.41	594.28	40186.	0.29	136944.	23753.	7.80	0.0210	0. 58. 0.02
MILE 353.21	594.27	44079.	0.40	110332.	6668.	9.21	0.0230	0. 57. 0.02
MILE 349.00	594.26	44239.	0.38	115796.	3828.	9.74	0.0240	0. 60. 0.01

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH	FROUDE							
MILE 424.70	595.61	19200.	1.00	19232.	1905.	6.66	0.0230	2111. 20. 0.06
MILE 420.49	595.19	21628.	1.20	18056.	1425.	5.18	0.0230	0. 16. 0.06
MILE 416.28	595.06	21878.	1.16	18889.	1637.	5.67	0.0270	0. 16. 0.06
MILE 412.08	594.80	22208.	0.94	23623.	2001.	6.14	0.0270	0. 18. 0.05
MILE 407.88	594.64	22578.	0.88	25623.	1701.	6.60	0.0270	0. 18. 0.04
MILE 403.67	594.56	22750.	0.88	25779.	1342.	7.17	0.0240	0. 21. 0.04
MILE 399.47	594.49	23137.	0.68	34179.	5376.	7.78	0.0220	0. 30. 0.05
MILE 395.26	594.44	23799.	0.71	33302.	9423.	9.42	0.0220	0. 36. 0.07
MILE 391.06	594.38	24864.	0.61	40761.	2427.	7.41	0.0220	0. 28. 0.03
MILE 386.85	594.35	25822.	0.48	53426.	4926.	5.52	0.0210	0. 35. 0.03
MILE 382.64	594.33	26610.	0.37	71267.	9001.	5.75	0.0210	0. 31. 0.02
MILE 378.44	594.31	28556.	0.48	58901.	11782.	5.38	0.0210	0. 38. 0.04
MILE 374.23	594.30	30760.	0.31	99339.	13565.	6.32	0.0210	0. 36. 0.02
MILE 370.03	594.28	33681.	0.31	109774.	7942.	6.85	0.0210	0. 44. 0.01
MILE 365.82	594.27	35098.	0.28	124672.	7620.	6.77	0.0210	0. 41. 0.01
MILE 361.62	594.26	36523.	0.32	113800.	12489.	7.78	0.0210	0. 49. 0.02
MILE 357.41	594.26	37367.	0.27	136825.	23731.	7.80	0.0210	0. 58. 0.02

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MILE 353.21	594.26	38814.	0.35	110291.	6665.	9.21	0.0230	0.	57.	0.02
MILE 349.00	594.26	39174.	0.34	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.58	19200.	1.00	19203.	1886.	6.66	0.0230	2111.	20.	0.06
MILE 420.49	595.16	21533.	1.20	18016.	1415.	5.17	0.0230	0.	16.	0.06
MILE 416.28	595.03	21703.	1.15	18852.	1628.	5.67	0.0270	0.	16.	0.06
MILE 412.08	594.78	21892.	0.93	23584.	1998.	6.14	0.0270	0.	18.	0.05
MILE 407.88	594.61	22139.	0.87	25585.	1700.	6.60	0.0270	0.	18.	0.04
MILE 403.67	594.53	22325.	0.87	25743.	1342.	7.17	0.0240	0.	21.	0.03
MILE 399.47	594.46	23035.	0.67	34131.	5369.	7.77	0.0220	0.	30.	0.05
MILE 395.26	594.42	23612.	0.71	33278.	9414.	9.41	0.0220	0.	36.	0.07
MILE 391.06	594.36	24969.	0.61	40708.	2425.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.33	25667.	0.48	53349.	4922.	5.52	0.0210	0.	35.	0.03
MILE 382.64	594.31	26193.	0.37	71163.	8992.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.28	27912.	0.48	58710.	11763.	5.38	0.0210	0.	38.	0.04
MILE 374.23	594.27	30391.	0.31	99128.	13543.	6.31	0.0210	0.	36.	0.02
MILE 370.03	594.26	31693.	0.29	109651.	7934.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.26	32415.	0.26	124608.	7618.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.25	33332.	0.29	113768.	12485.	7.78	0.0210	0.	49.	0.02
MILE 357.41	594.25	33460.	0.24	136793.	23726.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.26	33187.	0.30	110277.	6663.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	33118.	0.29	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.56	19200.	1.00	19186.	1874.	6.65	0.0230	2111.	20.	0.06
MILE 420.49	595.14	21455.	1.19	17984.	1407.	5.17	0.0230	0.	16.	0.06
MILE 416.28	595.01	21603.	1.15	18821.	1620.	5.66	0.0270	0.	16.	0.06
MILE 412.08	594.76	21833.	0.93	23547.	1996.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.59	22146.	0.87	25553.	1699.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.51	22357.	0.87	25717.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.44	23158.	0.68	34099.	5364.	7.77	0.0220	0.	30.	0.05
MILE 395.26	594.40	23702.	0.71	33252.	9405.	9.41	0.0220	0.	36.	0.07
MILE 391.06	594.33	24845.	0.61	40627.	2421.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.30	25602.	0.48	53210.	4914.	5.51	0.0210	0.	35.	0.03
MILE 382.64	594.28	26185.	0.37	70998.	8978.	5.74	0.0210	0.	31.	0.02
MILE 378.44	594.26	27086.	0.46	58637.	11755.	5.38	0.0210	0.	38.	0.04

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MILE 374.23	594.26	27467.	0.28	99062.	13536.	6.31	0.0210	0.	36.	0.02
MILE 370.03	594.25	27737.	0.25	109591.	7931.	6.84	0.0210	0.	44.	0.01
MILE 365.82	594.25	27778.	0.22	124579.	7617.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.25	27644.	0.24	113775.	12486.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.26	27761.	0.20	136812.	23729.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	28324.	0.26	110285.	6664.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	28479.	0.25	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.55	19200.	1.00	19167.	1862.	6.65	0.0230	2111.	20.	0.06
MILE 420.49	595.12	21493.	1.20	17960.	1400.	5.16	0.0230	0.	16.	0.06
MILE 416.28	595.00	21663.	1.15	18801.	1617.	5.66	0.0270	0.	16.	0.06
MILE 412.08	594.74	21915.	0.93	23524.	1995.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.57	22224.	0.87	25526.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	22394.	0.87	25688.	1341.	7.16	0.0240	0.	21.	0.04
MILE 399.47	594.42	23019.	0.68	34053.	5358.	7.77	0.0220	0.	30.	0.05
MILE 395.26	594.37	23709.	0.71	33218.	9393.	9.41	0.0220	0.	36.	0.07
MILE 391.06	594.32	24616.	0.61	40589.	2420.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.29	24819.	0.47	53186.	4913.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.27	24856.	0.35	70966.	8976.	5.74	0.0210	0.	31.	0.02
MILE 378.44	594.26	24774.	0.42	58601.	11751.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.26	24016.	0.24	99067.	13537.	6.31	0.0210	0.	36.	0.02
MILE 370.03	594.26	23779.	0.22	109603.	7931.	6.84	0.0210	0.	44.	0.01
MILE 365.82	594.26	23726.	0.19	124596.	7618.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.26	23677.	0.21	113782.	12487.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.26	24012.	0.18	136806.	23728.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	24413.	0.22	110281.	6664.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	24492.	0.21	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.53	19200.	1.00	19145.	1847.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21497.	1.20	17930.	1393.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21657.	1.15	18772.	1616.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21889.	0.93	23488.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.55	22215.	0.87	25488.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.47	22399.	0.87	25656.	1341.	7.15	0.0240	0.	21.	0.04
MILE 399.47	594.40	22883.	0.67	34017.	5353.	7.77	0.0220	0.	30.	0.05

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MILE 395.26	594.36	23044.	0.69	33205.	9388.	9.40	0.0220	0.	36.	0.07
MILE 391.06	594.31	23160.	0.57	40568.	2419.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.29	23073.	0.43	53175.	4912.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.28	22878.	0.32	71007.	8979.	5.74	0.0210	0.	31.	0.02
MILE 378.44	594.27	22579.	0.38	58649.	11756.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.26	22380.	0.23	99092.	13539.	6.31	0.0210	0.	36.	0.01
MILE 370.03	594.26	21798.	0.20	109610.	7932.	6.84	0.0210	0.	44.	0.01
MILE 365.82	594.25	21573.	0.17	124595.	7618.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.26	21375.	0.19	113780.	12487.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.26	21383.	0.16	136809.	23729.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21144.	0.19	110283.	6664.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21169.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19127.	1835.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.08	21494.	1.20	17898.	1385.	5.15	0.0230	0.	16.	0.06
MILE 416.28	594.95	21652.	1.16	18742.	1614.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.70	21834.	0.93	23458.	1991.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.53	21967.	0.86	25468.	1696.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.46	21994.	0.86	25645.	1341.	7.15	0.0240	0.	21.	0.03
MILE 399.47	594.39	21960.	0.65	34010.	5352.	7.77	0.0220	0.	30.	0.05
MILE 395.26	594.36	21821.	0.66	33203.	9387.	9.40	0.0220	0.	36.	0.06
MILE 391.06	594.32	21582.	0.53	40582.	2420.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.30	21607.	0.41	53201.	4913.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.28	21609.	0.30	71032.	8981.	5.74	0.0210	0.	31.	0.02
MILE 378.44	594.27	21380.	0.36	58672.	11759.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.27	20963.	0.21	99131.	13543.	6.31	0.0210	0.	36.	0.01
MILE 370.03	594.27	20646.	0.19	109658.	7935.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.26	20504.	0.16	124644.	7619.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.26	20034.	0.18	113801.	12489.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.26	19524.	0.14	136817.	23730.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	18973.	0.17	110285.	6664.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	18938.	0.16	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.49	19200.	1.00	19106.	1820.	6.64	0.0230	2111.	19.	0.05
MILE 420.49	595.07	21422.	1.20	17875.	1379.	5.15	0.0230	0.	16.	0.06

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MILE 416.28	594.94	21490.	1.15	18727.	1614.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.69	21522.	0.92	23449.	1990.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.53	21487.	0.84	25467.	1696.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.46	21422.	0.84	25648.	1341.	7.15	0.0240	0.	21.	0.03
MILE 399.47	594.40	21131.	0.62	34018.	5353.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.36	21042.	0.63	33209.	9390.	9.40	0.0220	0.	36.	0.06
MILE 391.06	594.32	20869.	0.51	40597.	2420.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.30	20687.	0.39	53222.	4915.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.29	20555.	0.29	71054.	8983.	5.74	0.0210	0.	31.	0.02
MILE 378.44	594.28	20347.	0.35	58709.	11763.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.27	19948.	0.20	99164.	13547.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.27	19429.	0.18	109682.	7936.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	19234.	0.15	124671.	7620.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.26	18829.	0.17	113826.	12492.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.26	18495.	0.14	136856.	23737.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	18219.	0.17	110303.	6665.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	18196.	0.16	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.49	19200.	1.01	19099.	1816.	6.63	0.0230	2111.	19.	0.05
MILE 420.49	595.06	21309.	1.19	17868.	1377.	5.15	0.0230	0.	16.	0.06
MILE 416.28	594.94	21287.	1.14	18722.	1614.	5.64	0.0270	0.	16.	0.06
MILE 412.08	594.69	21221.	0.90	23451.	1990.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.54	21137.	0.83	25475.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.47	21093.	0.82	25656.	1341.	7.15	0.0240	0.	21.	0.03
MILE 399.47	594.41	20931.	0.62	34031.	5355.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.37	20719.	0.62	33218.	9393.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.33	20360.	0.50	40617.	2421.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.31	20163.	0.38	53251.	4916.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.29	19972.	0.28	71092.	8986.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.28	19552.	0.33	58737.	11765.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	19051.	0.19	99193.	13550.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	18521.	0.17	109715.	7938.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	18385.	0.15	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	18275.	0.16	113850.	12495.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	18374.	0.13	136866.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	18462.	0.17	110305.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	18502.	0.16	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.49	19200.	1.01	19103.	1819.	6.64	0.0230	2111.	19.	0.05
MILE 420.49	595.07	21256.	1.19	17874.	1379.	5.15	0.0230	0.	16.	0.06
MILE 416.28	594.94	21210.	1.13	18727.	1614.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.70	21140.	0.90	23460.	1991.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.55	21032.	0.83	25485.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.47	20963.	0.82	25666.	1341.	7.15	0.0240	0.	21.	0.03
MILE 399.47	594.41	20720.	0.61	34045.	5357.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.38	20483.	0.62	33228.	9396.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.34	20068.	0.49	40637.	2422.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	19882.	0.37	53277.	4918.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	19689.	0.28	71129.	8989.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	19223.	0.33	58772.	11769.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	18837.	0.19	99233.	13554.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	18758.	0.17	109734.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	18756.	0.15	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	18651.	0.16	113845.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	18748.	0.14	136866.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	18851.	0.17	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	18901.	0.16	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.50	19200.	1.00	19109.	1822.	6.64	0.0230	2111.	19.	0.05
MILE 420.49	595.07	21250.	1.19	17885.	1381.	5.15	0.0230	0.	16.	0.06
MILE 416.28	594.95	21191.	1.13	18738.	1614.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.71	21099.	0.90	23473.	1992.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.56	20972.	0.82	25499.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.48	20887.	0.81	25677.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.42	20581.	0.60	34059.	5359.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.38	20393.	0.61	33237.	9400.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	19998.	0.49	40659.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	19806.	0.37	53307.	4920.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.31	19707.	0.28	71158.	8992.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	19655.	0.33	58791.	11771.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.29	19651.	0.20	99242.	13555.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	19494.	0.18	109745.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	19475.	0.16	124725.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	19402.	0.17	113852.	12495.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	19378.	0.14	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	19138.	0.17	110305.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	19143.	0.17	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 16.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	595.50	19200.	1.00	19116.	1827.	6.64	0.0230	2111. 20. 0.05
MILE 420.49	595.08	21237.	1.19	17896.	1384.	5.15	0.0230	0. 16. 0.06
MILE 416.28	594.96	21167.	1.13	18748.	1615.	5.65	0.0270	0. 16. 0.06
MILE 412.08	594.72	21064.	0.90	23485.	1993.	6.12	0.0270	0. 18. 0.05
MILE 407.88	594.56	20943.	0.82	25511.	1698.	6.59	0.0270	0. 18. 0.04
MILE 403.67	594.49	20876.	0.81	25688.	1341.	7.16	0.0240	0. 21. 0.03
MILE 399.47	594.43	20645.	0.61	34074.	5361.	7.77	0.0220	0. 30. 0.04
MILE 395.26	594.39	20468.	0.62	33246.	9403.	9.41	0.0220	0. 36. 0.06
MILE 391.06	594.35	20282.	0.50	40671.	2423.	7.41	0.0220	0. 28. 0.02
MILE 386.85	594.33	20248.	0.38	53316.	4920.	5.51	0.0210	0. 35. 0.02
MILE 382.64	594.31	20234.	0.28	71162.	8992.	5.75	0.0210	0. 31. 0.02
MILE 378.44	594.29	20161.	0.34	58800.	11772.	5.38	0.0210	0. 38. 0.03
MILE 374.23	594.29	20163.	0.20	99249.	13555.	6.32	0.0210	0. 36. 0.01
MILE 370.03	594.28	20128.	0.18	109751.	7941.	6.85	0.0210	0. 44. 0.01
MILE 365.82	594.27	20135.	0.16	124732.	7622.	6.77	0.0210	0. 41. 0.01
MILE 361.62	594.27	19987.	0.18	113858.	12496.	7.78	0.0210	0. 49. 0.01
MILE 357.41	594.27	19885.	0.15	136875.	23740.	7.80	0.0210	0. 58. 0.01
MILE 353.21	594.27	19808.	0.18	110311.	6666.	9.21	0.0230	0. 57. 0.01
MILE 349.00	594.26	19819.	0.17	115796.	3828.	9.74	0.0240	0. 60. 0.01

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TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	595.51	19200.	1.00	19126.	1834.	6.64	0.0230	2111. 20. 0.05
MILE 420.49	595.09	21236.	1.19	17908.	1387.	5.15	0.0230	0. 16. 0.06
MILE 416.28	594.97	21172.	1.13	18759.	1615.	5.65	0.0270	0. 16. 0.06
MILE 412.08	594.72	21085.	0.90	23497.	1993.	6.12	0.0270	0. 18. 0.05
MILE 407.88	594.57	20986.	0.82	25522.	1698.	6.59	0.0270	0. 18. 0.04
MILE 403.67	594.50	20946.	0.82	25697.	1342.	7.16	0.0240	0. 21. 0.03
MILE 399.47	594.43	20881.	0.61	34083.	5362.	7.77	0.0220	0. 30. 0.04
MILE 395.26	594.39	20836.	0.63	33250.	9404.	9.41	0.0220	0. 36. 0.06
MILE 391.06	594.35	20762.	0.51	40677.	2423.	7.41	0.0220	0. 28. 0.02
MILE 386.85	594.33	20717.	0.39	53323.	4920.	5.52	0.0210	0. 35. 0.02
MILE 382.64	594.31	20683.	0.29	71168.	8992.	5.75	0.0210	0. 31. 0.02
MILE 378.44	594.29	20613.	0.35	58799.	11772.	5.38	0.0210	0. 38. 0.03
MILE 374.23	594.29	20508.	0.21	99254.	13556.	6.32	0.0210	0. 36. 0.01
MILE 370.03	594.28	20438.	0.19	109760.	7941.	6.85	0.0210	0. 44. 0.01
MILE 365.82	594.28	20505.	0.16	124739.	7623.	6.77	0.0210	0. 41. 0.01

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MILE 361.62	594.27	20526.	0.18	113861.	12496.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	20543.	0.15	136879.	23741.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.27	20591.	0.19	110312.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	20630.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19133.	1839.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21250.	1.19	17919.	1390.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21205.	1.13	18768.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.73	21167.	0.90	23506.	1994.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.57	21144.	0.83	25527.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.50	21138.	0.82	25700.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.44	21124.	0.62	34086.	5363.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.40	21121.	0.64	33252.	9405.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21089.	0.52	40679.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.33	21042.	0.39	53325.	4921.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.31	20996.	0.29	71174.	8993.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.30	20954.	0.36	58806.	11773.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.29	20999.	0.21	99255.	13556.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	20961.	0.19	109757.	7941.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	20999.	0.17	124735.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21026.	0.18	113859.	12496.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21158.	0.15	136875.	23740.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.27	21283.	0.19	110311.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21306.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19138.	1842.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21289.	1.19	17926.	1392.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.98	21275.	1.13	18773.	1616.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.73	21263.	0.90	23510.	1994.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.58	21256.	0.83	25529.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.50	21256.	0.83	25702.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.44	21262.	0.62	34088.	5363.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.40	21258.	0.64	33252.	9405.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21233.	0.52	40682.	2424.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.33	21267.	0.40	53328.	4921.	5.52	0.0210	0.	35.	0.02

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MILE 403.67	594.50	21350.	0.83	25701.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.44	21413.	0.63	34086.	5363.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21458.	0.65	33251.	9405.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21559.	0.53	40675.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.33	21617.	0.41	53316.	4920.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.31	21669.	0.30	71158.	8992.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21759.	0.37	58789.	11771.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21839.	0.22	99238.	13554.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21880.	0.20	109744.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21957.	0.18	124722.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	22009.	0.19	113852.	12495.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	22041.	0.16	136870.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	22070.	0.20	110309.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	22095.	0.19	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19139.	1843.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21318.	1.19	17927.	1392.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.98	21327.	1.14	18774.	1616.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.73	21347.	0.91	23509.	1994.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.57	21375.	0.84	25527.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.50	21394.	0.83	25699.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21468.	0.63	34083.	5362.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21533.	0.65	33249.	9404.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21625.	0.53	40671.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21668.	0.41	53311.	4920.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.31	21699.	0.30	71151.	8991.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21730.	0.37	58783.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21789.	0.22	99234.	13554.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21865.	0.20	109740.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21935.	0.18	124716.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21969.	0.19	113848.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	22029.	0.16	136866.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	22144.	0.20	110307.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	22162.	0.19	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-10-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.52	19200.	1.00	19138.	1842.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21327.	1.19	17925.	1392.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.98	21342.	1.14	18772.	1616.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.73	21367.	0.91	23506.	1994.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.57	21400.	0.84	25524.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.50	21420.	0.83	25696.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21478.	0.63	34079.	5362.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21522.	0.65	33247.	9403.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21590.	0.53	40667.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21611.	0.41	53307.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21637.	0.30	71147.	8991.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21712.	0.37	58780.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21800.	0.22	99229.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21841.	0.20	109734.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21891.	0.18	124710.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21931.	0.19	113845.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21986.	0.16	136862.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21983.	0.20	110305.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21983.	0.19	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19136.	1840.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21330.	1.19	17922.	1391.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21348.	1.14	18770.	1616.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.73	21370.	0.91	23503.	1994.	6.13	0.0270	0.	18.	0.05
MILE 407.88	594.57	21394.	0.84	25521.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21407.	0.83	25694.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21444.	0.63	34077.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21466.	0.65	33245.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21529.	0.53	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21567.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21603.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21661.	0.37	58774.	11769.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21723.	0.22	99225.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21785.	0.20	109731.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21813.	0.17	124708.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21790.	0.19	113844.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21803.	0.16	136862.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21801.	0.20	110305.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21803.	0.19	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19134.	1839.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21327.	1.19	17919.	1390.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21340.	1.14	18767.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.73	21355.	0.91	23501.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21371.	0.84	25519.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21379.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21412.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21443.	0.65	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21492.	0.53	40661.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21516.	0.40	53299.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21538.	0.30	71138.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21573.	0.37	58771.	11769.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21591.	0.22	99222.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21592.	0.20	109730.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21617.	0.17	124707.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21623.	0.19	113844.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21632.	0.16	136863.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21631.	0.20	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21637.	0.19	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19132.	1838.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.10	21321.	1.19	17917.	1390.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21330.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21343.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21359.	0.84	25517.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21368.	0.83	25691.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21392.	0.63	34073.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21414.	0.64	33243.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21446.	0.53	40659.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21451.	0.40	53297.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21451.	0.30	71137.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21448.	0.36	58771.	11769.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21456.	0.22	99221.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21433.	0.20	109730.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21443.	0.17	124708.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21447.	0.19	113844.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21461.	0.16	136862.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21497.	0.19	110305.	6666.	9.21	0.0230	0.	57.	0.01

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MILE 349.00 594.26 21504. 0.19 115796. 3828. 9.74 0.0240 0. 60. 0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 595.52 19200. 1.00 19131. 1837. 6.64 0.0230 2111. 20. 0.05
MILE 420.49 595.09 21320. 1.19 17915. 1389. 5.16 0.0230 0. 16. 0.06
MILE 416.28 594.97 21328. 1.14 18764. 1615. 5.65 0.0270 0. 16. 0.06
MILE 412.08 594.72 21337. 0.91 23497. 1993. 6.12 0.0270 0. 18. 0.05
MILE 407.88 594.57 21347. 0.84 25516. 1698. 6.59 0.0270 0. 18. 0.04
MILE 403.67 594.49 21352. 0.83 25690. 1341. 7.16 0.0240 0. 21. 0.03
MILE 399.47 594.43 21366. 0.63 34072. 5361. 7.77 0.0220 0. 30. 0.04
MILE 395.26 594.39 21368. 0.64 33242. 9401. 9.41 0.0220 0. 36. 0.06
MILE 391.06 594.35 21368. 0.53 40659. 2423. 7.41 0.0220 0. 28. 0.02
MILE 386.85 594.32 21371. 0.40 53297. 4919. 5.51 0.0210 0. 35. 0.02
MILE 382.64 594.30 21373. 0.30 71137. 8990. 5.75 0.0210 0. 31. 0.02
MILE 378.44 594.29 21364. 0.36 58771. 11769. 5.38 0.0210 0. 38. 0.03
MILE 374.23 594.28 21339. 0.22 99222. 13553. 6.32 0.0210 0. 36. 0.01
MILE 370.03 594.28 21341. 0.19 109730. 7939. 6.85 0.0210 0. 44. 0.01
MILE 365.82 594.27 21352. 0.17 124707. 7621. 6.77 0.0210 0. 41. 0.01
MILE 361.62 594.27 21344. 0.19 113843. 12494. 7.78 0.0210 0. 49. 0.01
MILE 357.41 594.27 21341. 0.16 136862. 23738. 7.80 0.0210 0. 58. 0.01
MILE 353.21 594.26 21347. 0.19 110305. 6666. 9.21 0.0230 0. 57. 0.01
MILE 349.00 594.26 21347. 0.18 115796. 3828. 9.74 0.0240 0. 60. 0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 595.51 19200. 1.00 19130. 1837. 6.64 0.0230 2111. 20. 0.05
MILE 420.49 595.09 21317. 1.19 17914. 1389. 5.16 0.0230 0. 16. 0.06
MILE 416.28 594.97 21323. 1.14 18763. 1615. 5.65 0.0270 0. 16. 0.06
MILE 412.08 594.72 21328. 0.91 23496. 1993. 6.12 0.0270 0. 18. 0.05
MILE 407.88 594.57 21331. 0.84 25516. 1698. 6.59 0.0270 0. 18. 0.04
MILE 403.67 594.49 21330. 0.83 25689. 1341. 7.16 0.0240 0. 21. 0.03
MILE 399.47 594.43 21323. 0.63 34071. 5361. 7.77 0.0220 0. 30. 0.04
MILE 395.26 594.39 21320. 0.64 33242. 9401. 9.41 0.0220 0. 36. 0.06
MILE 391.06 594.35 21316. 0.52 40659. 2423. 7.41 0.0220 0. 28. 0.02
MILE 386.85 594.32 21308. 0.40 53298. 4919. 5.51 0.0210 0. 35. 0.02
MILE 382.64 594.30 21302. 0.30 71138. 8990. 5.75 0.0210 0. 31. 0.02
MILE 378.44 594.29 21302. 0.36 58772. 11769. 5.38 0.0210 0. 38. 0.03
MILE 374.23 594.28 21304. 0.21 99223. 13553. 6.32 0.0210 0. 36. 0.01

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MILE 370.03	594.28	21287.	0.19	109731.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21277.	0.17	124708.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21257.	0.19	113845.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21255.	0.16	136862.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21237.	0.19	110305.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21229.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19130.	1836.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21314.	1.19	17913.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21315.	1.14	18762.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21314.	0.91	23496.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21312.	0.84	25516.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21309.	0.83	25690.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21301.	0.63	34072.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21293.	0.64	33242.	9401.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21280.	0.52	40659.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21278.	0.40	53298.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21276.	0.30	71139.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21263.	0.36	58773.	11769.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21242.	0.21	99224.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21223.	0.19	109732.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21214.	0.17	124709.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21200.	0.19	113846.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21191.	0.15	136863.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21176.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21174.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19129.	1836.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21310.	1.19	17913.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21308.	1.14	18762.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21306.	0.91	23496.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21301.	0.83	25516.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21298.	0.83	25690.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21289.	0.62	34072.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21283.	0.64	33243.	9402.	9.41	0.0220	0.	36.	0.06

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MILE 391.06	594.35	21269.	0.52	40660.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21260.	0.40	53300.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21251.	0.30	71141.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21229.	0.36	58774.	11769.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21202.	0.21	99226.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21183.	0.19	109734.	7939.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21176.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21169.	0.19	113846.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21161.	0.15	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21174.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21174.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19130.	1836.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21308.	1.19	17914.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21306.	1.14	18763.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21303.	0.91	23497.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21298.	0.83	25516.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21296.	0.83	25690.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21286.	0.62	34073.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21276.	0.64	33243.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21258.	0.52	40661.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21246.	0.40	53301.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21235.	0.30	71142.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21219.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21205.	0.21	99227.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21186.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21180.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21182.	0.19	113846.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21176.	0.15	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21178.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21175.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19130.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21308.	1.19	17914.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21306.	1.14	18763.	1615.	5.65	0.0270	0.	16.	0.06

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MILE 412.08	594.72	21302.	0.91	23497.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21297.	0.83	25517.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21293.	0.83	25691.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21281.	0.62	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21270.	0.64	33243.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21252.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21247.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21243.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21232.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21223.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21222.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21215.	0.17	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21207.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21199.	0.15	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21195.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21190.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19130.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21308.	1.19	17915.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21305.	1.14	18763.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21301.	0.91	23498.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21295.	0.83	25517.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21292.	0.83	25691.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21281.	0.62	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21275.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21264.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21260.	0.40	53303.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21257.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21253.	0.36	58778.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21248.	0.21	99229.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21246.	0.19	109736.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21237.	0.17	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21236.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21234.	0.16	136865.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21229.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21224.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.51	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21308.	1.19	17915.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21305.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21301.	0.91	23498.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21297.	0.83	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21295.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21290.	0.62	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21287.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21281.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21278.	0.40	53303.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21275.	0.30	71145.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21270.	0.36	58778.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21267.	0.21	99229.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21266.	0.19	109736.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21259.	0.17	124713.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21265.	0.19	113848.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21264.	0.16	136865.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21269.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21268.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21308.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21306.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21304.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21302.	0.83	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21301.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21300.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21298.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21293.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21293.	0.40	53304.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21292.	0.30	71145.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21289.	0.36	58779.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21287.	0.21	99229.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21292.	0.19	109736.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21290.	0.17	124713.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21298.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21294.	0.16	136865.	23739.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21303.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21302.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21310.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21309.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21308.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21307.	0.83	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21306.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21305.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21305.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21304.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21304.	0.40	53304.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21304.	0.30	71145.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21307.	0.36	58778.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21314.	0.21	99229.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21319.	0.19	109736.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21316.	0.17	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21325.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21322.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21324.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21321.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21310.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21310.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21309.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21309.	0.84	25519.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21309.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21310.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21310.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21313.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21315.	0.40	53303.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21318.	0.30	71145.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21323.	0.36	58778.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21327.	0.21	99229.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21337.	0.19	109736.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21333.	0.17	124712.	7622.	6.77	0.0210	0.	41.	0.01

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MILE 361.62	594.27	21338.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21337.	0.16	136865.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21339.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21336.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25519.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21312.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21315.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21317.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21322.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21324.	0.40	53303.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21326.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21330.	0.36	58778.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21333.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21340.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21336.	0.17	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21343.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21345.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21348.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21347.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21312.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21312.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21314.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21315.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21318.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21321.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21325.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21327.	0.40	53303.	4919.	5.51	0.0210	0.	35.	0.02

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MILE 382.64	594.30	21328.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21331.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21335.	0.22	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21340.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21337.	0.17	124712.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21345.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21345.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21350.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21350.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21312.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21312.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21314.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21315.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21316.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21319.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21321.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21324.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21326.	0.40	53303.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21328.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21331.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21334.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21339.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21339.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21344.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21341.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21344.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21344.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21312.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21313.	1.14	18765.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21314.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21315.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04

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MILE 403.67	594.49	21316.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21317.	0.63	34075.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21319.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21323.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21324.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21325.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21329.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21332.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21336.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21333.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21336.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21336.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21336.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21336.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21312.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21312.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21313.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21314.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21315.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21317.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21318.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21321.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21322.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21323.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21325.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21325.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21327.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21325.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21327.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21328.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21328.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21328.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21312.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21312.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21313.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21314.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21314.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21315.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21316.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21318.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21318.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21319.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21319.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21318.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21320.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21318.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21319.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21320.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21321.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21322.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21312.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21312.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21313.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21313.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21314.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21314.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21314.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21314.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21314.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21314.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21314.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21314.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21313.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21314.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21314.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21313.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21314.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17915.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21312.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21312.	0.91	23498.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21312.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21312.	0.83	25691.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21312.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21312.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21312.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21310.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21310.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21309.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21308.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21307.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21309.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17915.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23498.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25691.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21310.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21310.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21310.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21309.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21309.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21308.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21307.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21307.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21306.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21306.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21304.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01

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MILE 349.00 594.26 21306. 0.18 115796. 3828. 9.74 0.0240 0. 60. 0.01

ODATE 3-11-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	23.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20. 0.05
MILE	420.49	595.09	21311.	1.19	17915.	1389.	5.16	0.0230	0.	16. 0.06
MILE	416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16. 0.06
MILE	412.08	594.72	21311.	0.91	23498.	1993.	6.12	0.0270	0.	18. 0.05
MILE	407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18. 0.04
MILE	403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21. 0.03
MILE	399.47	594.43	21310.	0.63	34074.	5361.	7.77	0.0220	0.	30. 0.04
MILE	395.26	594.39	21310.	0.64	33244.	9402.	9.41	0.0220	0.	36. 0.06
MILE	391.06	594.35	21309.	0.52	40662.	2423.	7.41	0.0220	0.	28. 0.02
MILE	386.85	594.32	21309.	0.40	53302.	4919.	5.51	0.0210	0.	35. 0.02
MILE	382.64	594.30	21308.	0.30	71143.	8990.	5.75	0.0210	0.	31. 0.02
MILE	378.44	594.29	21307.	0.36	58777.	11770.	5.38	0.0210	0.	38. 0.03
MILE	374.23	594.28	21306.	0.21	99228.	13553.	6.32	0.0210	0.	36. 0.01
MILE	370.03	594.28	21305.	0.19	109735.	7940.	6.85	0.0210	0.	44. 0.01
MILE	365.82	594.27	21305.	0.17	124711.	7622.	6.77	0.0210	0.	41. 0.01
MILE	361.62	594.27	21303.	0.19	113847.	12494.	7.78	0.0210	0.	49. 0.01
MILE	357.41	594.27	21305.	0.16	136864.	23738.	7.80	0.0210	0.	58. 0.01
MILE	353.21	594.26	21303.	0.19	110306.	6666.	9.21	0.0230	0.	57. 0.01
MILE	349.00	594.26	21305.	0.18	115796.	3828.	9.74	0.0240	0.	60. 0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	0.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20. 0.05
MILE	420.49	595.09	21311.	1.19	17915.	1389.	5.16	0.0230	0.	16. 0.06
MILE	416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16. 0.06
MILE	412.08	594.72	21311.	0.91	23498.	1993.	6.12	0.0270	0.	18. 0.05
MILE	407.88	594.57	21310.	0.84	25518.	1698.	6.59	0.0270	0.	18. 0.04
MILE	403.67	594.49	21310.	0.83	25692.	1342.	7.16	0.0240	0.	21. 0.03
MILE	399.47	594.43	21310.	0.63	34074.	5361.	7.77	0.0220	0.	30. 0.04
MILE	395.26	594.39	21309.	0.64	33244.	9402.	9.41	0.0220	0.	36. 0.06
MILE	391.06	594.35	21308.	0.52	40662.	2423.	7.41	0.0220	0.	28. 0.02
MILE	386.85	594.32	21308.	0.40	53302.	4919.	5.51	0.0210	0.	35. 0.02
MILE	382.64	594.30	21308.	0.30	71144.	8990.	5.75	0.0210	0.	31. 0.02
MILE	378.44	594.29	21307.	0.36	58777.	11770.	5.38	0.0210	0.	38. 0.03
MILE	374.23	594.28	21306.	0.21	99228.	13553.	6.32	0.0210	0.	36. 0.01

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MILE 370.03	594.28	21304.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21306.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21304.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21305.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21303.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21305.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17915.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23498.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21310.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21310.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21309.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21309.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21308.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21308.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21307.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21307.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21307.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21305.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21307.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21305.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21306.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21304.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21306.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21310.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21310.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21310.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21310.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21309.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06

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MILE 391.06	594.35	21309.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21308.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21308.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21308.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21308.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21306.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21309.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21307.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21307.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21306.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21307.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21310.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21310.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21310.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21310.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21309.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21309.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21309.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21309.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21309.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21308.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21310.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21307.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21309.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21308.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21309.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06

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MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21310.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21310.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21310.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21310.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21310.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21310.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21310.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21310.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21309.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21309.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21309.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21310.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21312.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21312.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21312.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21313.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21312.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21312.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21313.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21312.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21312.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21312.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21313.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21312.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21313.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21312.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21313.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21312.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21312.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21312.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21312.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21312.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21313.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21312.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21313.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21312.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21313.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21312.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21312.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21312.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21312.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21312.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21313.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01

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MILE 361.62	594.27	21312.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21313.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21312.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21313.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21312.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21312.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21312.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21312.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21312.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21313.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21312.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21312.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21312.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21312.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21312.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21312.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02

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MILE 382.64	594.30	21312.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21312.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21312.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21312.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21312.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21312.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21312.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21312.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21312.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21312.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21312.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21312.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04

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MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN'N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01

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MILE 349.00 594.26 21311. 0.18 115796. 3828. 9.74 0.0240 0. 60. 0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 595.52 19200. 1.00 19131. 1837. 6.64 0.0230 2111. 20. 0.05
MILE 420.49 595.09 21311. 1.19 17916. 1389. 5.16 0.0230 0. 16. 0.06
MILE 416.28 594.97 21311. 1.14 18764. 1615. 5.65 0.0270 0. 16. 0.06
MILE 412.08 594.72 21311. 0.91 23499. 1993. 6.12 0.0270 0. 18. 0.05
MILE 407.88 594.57 21311. 0.84 25518. 1698. 6.59 0.0270 0. 18. 0.04
MILE 403.67 594.49 21311. 0.83 25692. 1342. 7.16 0.0240 0. 21. 0.03
MILE 399.47 594.43 21311. 0.63 34074. 5361. 7.77 0.0220 0. 30. 0.04
MILE 395.26 594.39 21311. 0.64 33244. 9402. 9.41 0.0220 0. 36. 0.06
MILE 391.06 594.35 21311. 0.52 40663. 2423. 7.41 0.0220 0. 28. 0.02
MILE 386.85 594.32 21311. 0.40 53302. 4919. 5.51 0.0210 0. 35. 0.02
MILE 382.64 594.30 21311. 0.30 71144. 8990. 5.75 0.0210 0. 31. 0.02
MILE 378.44 594.29 21311. 0.36 58777. 11770. 5.38 0.0210 0. 38. 0.03
MILE 374.23 594.28 21311. 0.21 99228. 13553. 6.32 0.0210 0. 36. 0.01
MILE 370.03 594.28 21311. 0.19 109735. 7940. 6.85 0.0210 0. 44. 0.01
MILE 365.82 594.27 21311. 0.17 124711. 7622. 6.77 0.0210 0. 41. 0.01
MILE 361.62 594.27 21311. 0.19 113847. 12494. 7.78 0.0210 0. 49. 0.01
MILE 357.41 594.27 21311. 0.16 136864. 23738. 7.80 0.0210 0. 58. 0.01
MILE 353.21 594.26 21311. 0.19 110306. 6666. 9.21 0.0230 0. 57. 0.01
MILE 349.00 594.26 21311. 0.18 115796. 3828. 9.74 0.0240 0. 60. 0.01

ODATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 595.52 19200. 1.00 19131. 1837. 6.64 0.0230 2111. 20. 0.05
MILE 420.49 595.09 21311. 1.19 17916. 1389. 5.16 0.0230 0. 16. 0.06
MILE 416.28 594.97 21311. 1.14 18764. 1615. 5.65 0.0270 0. 16. 0.06
MILE 412.08 594.72 21311. 0.91 23499. 1993. 6.12 0.0270 0. 18. 0.05
MILE 407.88 594.57 21311. 0.84 25518. 1698. 6.59 0.0270 0. 18. 0.04
MILE 403.67 594.49 21311. 0.83 25692. 1342. 7.16 0.0240 0. 21. 0.03
MILE 399.47 594.43 21311. 0.63 34074. 5361. 7.77 0.0220 0. 30. 0.04
MILE 395.26 594.39 21311. 0.64 33244. 9402. 9.41 0.0220 0. 36. 0.06
MILE 391.06 594.35 21311. 0.52 40663. 2423. 7.41 0.0220 0. 28. 0.02
MILE 386.85 594.32 21311. 0.40 53302. 4919. 5.51 0.0210 0. 35. 0.02
MILE 382.64 594.30 21311. 0.30 71144. 8990. 5.75 0.0210 0. 31. 0.02
MILE 378.44 594.29 21311. 0.36 58777. 11770. 5.38 0.0210 0. 38. 0.03
MILE 374.23 594.28 21311. 0.21 99228. 13553. 6.32 0.0210 0. 36. 0.01

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MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06

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MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-12-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06

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Appendix J		Checked	WBB

MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

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Appendix J		Checked	WBB

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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Appendix J		Checked	WBB

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01

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MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02

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MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04

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MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01

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MILE 349.00 594.26 21311. 0.18 115796. 3828. 9.74 0.0240 0. 60. 0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01

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MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06

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MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06

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MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

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Appendix J		Checked	WBB

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

ODATE 3-13-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

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0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.52	19200.	1.00	19131.	1837.	6.64	0.0230	2111.	20.	0.05
MILE 420.49	595.09	21311.	1.19	17916.	1389.	5.16	0.0230	0.	16.	0.06
MILE 416.28	594.97	21311.	1.14	18764.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21311.	0.91	23499.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21311.	0.84	25518.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21311.	0.83	25692.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.50	19000.	0.99	19114.	1826.	6.64	0.0230	2082.	20.	0.05
MILE 420.49	595.09	21140.	1.18	17904.	1386.	5.15	0.0230	0.	16.	0.06
MILE 416.28	594.96	21176.	1.13	18757.	1615.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.72	21248.	0.90	23496.	1993.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.57	21298.	0.83	25517.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21308.	0.83	25691.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21311.	0.63	34074.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21311.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21311.	0.52	40663.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21311.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21311.	0.17	124711.	7622.	6.77	0.0210	0.	41.	0.01

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MILE 361.62	594.27	21311.	0.19	113847.	12494.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.27	21311.	0.16	136864.	23738.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.26	21311.	0.19	110306.	6666.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	21311.	0.18	115796.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.45	18400.	0.97	19064.	1792.	6.63	0.0230	2052.	19.	0.05
MILE 420.49	595.06	20624.	1.15	17864.	1376.	5.15	0.0230	0.	16.	0.06
MILE 416.28	594.94	20733.	1.11	18729.	1614.	5.65	0.0270	0.	16.	0.06
MILE 412.08	594.71	20979.	0.89	23481.	1992.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.56	21148.	0.83	25510.	1698.	6.59	0.0270	0.	18.	0.04
MILE 403.67	594.49	21186.	0.82	25688.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	21259.	0.62	34073.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21295.	0.64	33244.	9402.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21309.	0.52	40662.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21311.	0.40	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.30	21311.	0.30	71144.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21311.	0.36	58777.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.28	21311.	0.21	99228.	13553.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.28	21304.	0.19	109735.	7940.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.27	21251.	0.17	124715.	7622.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.27	20821.	0.18	113860.	12496.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.28	19102.	0.14	136928.	23750.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.29	14443.	0.13	110400.	6673.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.31	13177.	0.11	115986.	3829.	9.75	0.0240	0.	60.	0.00

0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.44	18400.	0.97	19049.	1782.	6.62	0.0230	2028.	19.	0.05
MILE 420.49	595.05	20531.	1.15	17843.	1371.	5.14	0.0230	0.	16.	0.06
MILE 416.28	594.93	20599.	1.10	18709.	1613.	5.64	0.0270	0.	16.	0.06
MILE 412.08	594.70	20719.	0.88	23459.	1991.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.55	20784.	0.82	25492.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.48	20808.	0.81	25677.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.42	21015.	0.62	34065.	5360.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.39	21130.	0.64	33241.	9401.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.35	21246.	0.52	40660.	2423.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	21280.	0.40	53301.	4919.	5.51	0.0210	0.	35.	0.02

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MILE 382.64	594.30	21293.	0.30	71143.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.29	21265.	0.36	58780.	11770.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.29	20838.	0.21	99248.	13555.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.29	19157.	0.17	109806.	7944.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.30	17206.	0.14	124895.	7628.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.31	13624.	0.12	114043.	12517.	7.79	0.0210	0.	49.	0.01
MILE 357.41	594.31	11663.	0.09	137144.	23788.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.31	9743.	0.09	110489.	6680.	9.22	0.0230	0.	57.	0.00
MILE 349.00	594.31	9368.	0.08	115986.	3829.	9.75	0.0240	0.	60.	0.00

0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.43	18400.	0.97	19038.	1775.	6.62	0.0230	2003.	19.	0.05
MILE 420.49	595.04	20475.	1.15	17830.	1368.	5.14	0.0230	0.	16.	0.06
MILE 416.28	594.92	20514.	1.10	18699.	1613.	5.64	0.0270	0.	16.	0.06
MILE 412.08	594.69	20568.	0.88	23451.	1990.	6.12	0.0270	0.	18.	0.05
MILE 407.88	594.55	20625.	0.81	25487.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.48	20643.	0.80	25671.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.42	20718.	0.61	34056.	5359.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.38	20759.	0.62	33235.	9399.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.34	20961.	0.52	40653.	2422.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.32	20941.	0.39	53302.	4919.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.31	20638.	0.29	71173.	8993.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.31	19220.	0.33	58879.	11780.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.32	15167.	0.15	99443.	13575.	6.33	0.0210	0.	36.	0.01
MILE 370.03	594.32	12132.	0.11	109998.	7956.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.32	11410.	0.09	125082.	7634.	6.78	0.0210	0.	41.	0.00
MILE 361.62	594.32	11304.	0.10	114144.	12528.	7.79	0.0210	0.	49.	0.01
MILE 357.41	594.32	11998.	0.09	137217.	23801.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.31	14163.	0.13	110492.	6681.	9.22	0.0230	0.	57.	0.01
MILE 349.00	594.29	14872.	0.13	115910.	3828.	9.74	0.0240	0.	60.	0.00

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.43	18400.	0.97	19031.	1770.	6.62	0.0230	1978.	19.	0.05
MILE 420.49	595.03	20423.	1.15	17822.	1366.	5.14	0.0230	0.	16.	0.06
MILE 416.28	594.92	20453.	1.09	18692.	1612.	5.64	0.0270	0.	16.	0.06
MILE 412.08	594.69	20487.	0.87	23445.	1990.	6.12	0.0270	0.	18.	0.04
MILE 407.88	594.54	20520.	0.81	25483.	1697.	6.58	0.0270	0.	18.	0.04

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MILE 403.67	594.48	20528.	0.80	25668.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.42	20543.	0.60	34052.	5358.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.38	20437.	0.61	33237.	9399.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.36	19563.	0.48	40695.	2424.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.35	18535.	0.35	53408.	4925.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.34	17163.	0.24	71359.	9008.	5.76	0.0210	0.	31.	0.02
MILE 378.44	594.34	14766.	0.25	59063.	11799.	5.38	0.0210	0.	38.	0.02
MILE 374.23	594.34	14077.	0.14	99569.	13589.	6.33	0.0210	0.	36.	0.01
MILE 370.03	594.33	13808.	0.13	110054.	7959.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.32	14481.	0.12	125048.	7633.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.31	16288.	0.14	114054.	12518.	7.79	0.0210	0.	49.	0.01
MILE 357.41	594.30	18335.	0.13	137052.	23772.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.28	23057.	0.21	110382.	6672.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.26	24143.	0.21	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.40	18100.	0.95	19004.	1752.	6.61	0.0230	1954.	19.	0.05
MILE 420.49	595.02	20148.	1.13	17800.	1360.	5.13	0.0230	0.	16.	0.06
MILE 416.28	594.91	20206.	1.08	18677.	1612.	5.64	0.0270	0.	16.	0.06
MILE 412.08	594.69	20320.	0.87	23438.	1990.	6.12	0.0270	0.	18.	0.04
MILE 407.88	594.55	20356.	0.80	25484.	1697.	6.58	0.0270	0.	18.	0.04
MILE 403.67	594.48	20266.	0.79	25676.	1341.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.43	19536.	0.57	34076.	5361.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.41	18553.	0.56	33268.	9411.	9.41	0.0220	0.	36.	0.05
MILE 391.06	594.39	16460.	0.40	40784.	2428.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.38	16124.	0.30	53530.	4932.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.36	16275.	0.23	71463.	9017.	5.76	0.0210	0.	31.	0.01
MILE 378.44	594.35	17077.	0.29	59093.	11802.	5.39	0.0210	0.	38.	0.02
MILE 374.23	594.33	19003.	0.19	99518.	13583.	6.33	0.0210	0.	36.	0.01
MILE 370.03	594.31	21530.	0.20	109942.	7952.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.29	23256.	0.19	124837.	7626.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.27	25742.	0.23	113868.	12497.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.26	27384.	0.20	136825.	23731.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.25	30236.	0.27	110249.	6661.	9.20	0.0230	0.	57.	0.01
MILE 349.00	594.23	30879.	0.27	115682.	3827.	9.73	0.0240	0.	60.	0.01

0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.41	18400.	0.97	19017.	1760.	6.62	0.0230	1931.	19.	0.05
MILE 420.49	595.02	20300.	1.14	17808.	1362.	5.14	0.0230	0.	16.	0.06
MILE 416.28	594.91	20234.	1.08	18685.	1612.	5.64	0.0270	0.	16.	0.06
MILE 412.08	594.69	19968.	0.85	23452.	1990.	6.12	0.0270	0.	18.	0.04
MILE 407.88	594.56	19445.	0.76	25512.	1698.	6.59	0.0270	0.	18.	0.03
MILE 403.67	594.51	19060.	0.74	25713.	1342.	7.16	0.0240	0.	21.	0.03
MILE 399.47	594.46	17794.	0.52	34137.	5370.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.43	17320.	0.52	33298.	9422.	9.42	0.0220	0.	36.	0.05
MILE 391.06	594.39	17675.	0.43	40792.	2428.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.37	18120.	0.34	53481.	4930.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.34	18983.	0.27	71341.	9007.	5.76	0.0210	0.	31.	0.02
MILE 378.44	594.32	21364.	0.36	58928.	11785.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.30	25148.	0.25	99327.	13563.	6.32	0.0210	0.	36.	0.02
MILE 370.03	594.28	28733.	0.26	109763.	7941.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.26	30278.	0.24	124629.	7619.	6.77	0.0210	0.	41.	0.01
MILE 361.62	594.24	32323.	0.28	113715.	12479.	7.77	0.0210	0.	49.	0.02
MILE 357.41	594.23	34975.	0.26	136610.	23693.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.21	40211.	0.37	110081.	6648.	9.20	0.0230	0.	57.	0.02
MILE 349.00	594.17	41545.	0.36	115454.	3825.	9.72	0.0240	0.	60.	0.01

ODATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.96	26500.	1.35	19623.	2167.	6.74	0.0230	1908.	20.	0.08
MILE 420.49	595.32	26255.	1.44	18257.	1476.	5.22	0.0230	0.	16.	0.07
MILE 416.28	595.13	24795.	1.31	18988.	1661.	5.69	0.0270	0.	16.	0.07
MILE 412.08	594.79	21848.	0.93	23601.	2000.	6.14	0.0270	0.	18.	0.05
MILE 407.88	594.61	19546.	0.76	25584.	1700.	6.60	0.0270	0.	18.	0.03
MILE 403.67	594.53	19063.	0.74	25747.	1342.	7.17	0.0240	0.	21.	0.03
MILE 399.47	594.47	19207.	0.56	34155.	5372.	7.78	0.0220	0.	30.	0.04
MILE 395.26	594.43	19608.	0.59	33292.	9420.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.37	20983.	0.52	40729.	2426.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.33	21849.	0.41	53347.	4922.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.30	22905.	0.32	71139.	8990.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.28	25120.	0.43	58704.	11762.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.26	28206.	0.28	99073.	13537.	6.31	0.0210	0.	36.	0.02
MILE 370.03	594.24	32074.	0.29	109506.	7925.	6.84	0.0210	0.	44.	0.01
MILE 365.82	594.21	34770.	0.28	124304.	7608.	6.76	0.0210	0.	41.	0.01
MILE 361.62	594.20	39385.	0.35	113475.	12452.	7.76	0.0210	0.	49.	0.02
MILE 357.41	594.18	42767.	0.31	136345.	23646.	7.79	0.0210	0.	58.	0.02
MILE 353.21	594.17	46290.	0.42	109948.	6637.	9.19	0.0230	0.	57.	0.02
MILE 349.00	594.15	47140.	0.41	115377.	3824.	9.71	0.0240	0.	60.	0.01

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	596.25	28700.	1.44	19946.	2384.	6.81	0.0230	1887.	20.	0.09
MILE 420.49	595.56	28620.	1.54	18617.	1566.	5.28	0.0230	0.	17.	0.08
MILE 416.28	595.34	27240.	1.41	19280.	1732.	5.75	0.0270	0.	16.	0.07
MILE 412.08	594.97	25408.	1.06	23875.	2016.	6.18	0.0270	0.	18.	0.05
MILE 407.88	594.74	24585.	0.95	25776.	1706.	6.63	0.0270	0.	18.	0.04
MILE 403.67	594.61	24543.	0.95	25848.	1343.	7.18	0.0240	0.	21.	0.04
MILE 399.47	594.49	23414.	0.68	34183.	5376.	7.78	0.0220	0.	30.	0.05
MILE 395.26	594.41	23059.	0.69	33265.	9410.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.34	24050.	0.59	40644.	2422.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.30	24792.	0.47	53213.	4914.	5.51	0.0210	0.	35.	0.02
MILE 382.64	594.27	25739.	0.36	70944.	8974.	5.74	0.0210	0.	31.	0.02
MILE 378.44	594.23	28006.	0.48	58461.	11737.	5.38	0.0210	0.	38.	0.04
MILE 374.23	594.21	32588.	0.33	98758.	13505.	6.30	0.0210	0.	36.	0.02
MILE 370.03	594.19	36831.	0.34	109206.	7907.	6.83	0.0210	0.	44.	0.02
MILE 365.82	594.17	38626.	0.31	123980.	7598.	6.75	0.0210	0.	41.	0.01
MILE 361.62	594.15	41412.	0.37	113250.	12426.	7.75	0.0210	0.	49.	0.02
MILE 357.41	594.14	45821.	0.34	136038.	23591.	7.79	0.0210	0.	58.	0.02
MILE 353.21	594.11	55332.	0.50	109702.	6617.	9.18	0.0230	0.	57.	0.02
MILE 349.00	594.06	57860.	0.50	115035.	3822.	9.70	0.0240	0.	60.	0.02

ODATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.12	41000.	1.96	20926.	3038.	7.01	0.0230	1866.	21.	0.13
MILE 420.49	596.05	37927.	1.96	19375.	1757.	5.41	0.0230	0.	17.	0.10
MILE 416.28	595.69	34566.	1.75	19757.	1848.	5.83	0.0270	0.	16.	0.09
MILE 412.08	595.11	30829.	1.28	24104.	2040.	6.22	0.0270	0.	19.	0.07
MILE 407.88	594.79	28462.	1.10	25858.	1709.	6.64	0.0270	0.	19.	0.05
MILE 403.67	594.64	28090.	1.09	25884.	1343.	7.19	0.0240	0.	21.	0.04
MILE 399.47	594.50	27976.	0.82	34208.	5380.	7.78	0.0220	0.	30.	0.06
MILE 395.26	594.42	28453.	0.85	33283.	9416.	9.41	0.0220	0.	36.	0.08
MILE 391.06	594.33	27910.	0.69	40608.	2421.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.27	28105.	0.53	53079.	4906.	5.51	0.0210	0.	35.	0.03
MILE 382.64	594.22	29010.	0.41	70709.	8955.	5.73	0.0210	0.	31.	0.03
MILE 378.44	594.19	31446.	0.54	58218.	11712.	5.38	0.0210	0.	38.	0.04
MILE 374.23	594.17	34484.	0.35	98499.	13478.	6.29	0.0210	0.	36.	0.02
MILE 370.03	594.14	39168.	0.36	108913.	7889.	6.82	0.0210	0.	44.	0.02
MILE 365.82	594.11	42915.	0.35	123542.	7583.	6.74	0.0210	0.	41.	0.02
MILE 361.62	594.08	49080.	0.43	112886.	12385.	7.74	0.0210	0.	48.	0.03
MILE 357.41	594.08	51781.	0.38	135660.	23524.	7.78	0.0210	0.	58.	0.03
MILE 353.21	594.08	52591.	0.48	109574.	6607.	9.17	0.0230	0.	57.	0.02

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MILE 349.00 594.08 52577. 0.46 115111. 3822. 9.70 0.0240 0. 60. 0.01

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TIME 11.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.40	41300.	1.94	21246.	3250.	7.07	0.0230	1838. 21. 0.13
MILE 420.49	596.34	40116.	2.02	19823.	1869.	5.49	0.0230	0. 17. 0.11
MILE 416.28	595.98	37883.	1.88	20156.	1945.	5.90	0.0270	0. 17. 0.10
MILE 412.08	595.35	35760.	1.46	24468.	2084.	6.27	0.0270	0. 19. 0.08
MILE 407.88	594.95	34362.	1.32	26089.	1716.	6.68	0.0270	0. 19. 0.06
MILE 403.67	594.73	33978.	1.31	26012.	1345.	7.21	0.0240	0. 21. 0.05
MILE 399.47	594.54	32132.	0.94	34280.	5390.	7.78	0.0220	0. 30. 0.07
MILE 395.26	594.42	31450.	0.94	33281.	9416.	9.41	0.0220	0. 36. 0.09
MILE 391.06	594.31	32180.	0.79	40571.	2419.	7.41	0.0220	0. 28. 0.03
MILE 386.85	594.25	32678.	0.62	53012.	4902.	5.50	0.0210	0. 35. 0.03
MILE 382.64	594.20	33246.	0.47	70589.	8945.	5.72	0.0210	0. 31. 0.03
MILE 378.44	594.15	34852.	0.60	57987.	11688.	5.38	0.0210	0. 38. 0.05
MILE 374.23	594.11	40268.	0.41	98130.	13440.	6.28	0.0210	0. 36. 0.03
MILE 370.03	594.09	44047.	0.41	108588.	7868.	6.80	0.0210	0. 44. 0.02
MILE 365.82	594.07	44472.	0.36	123285.	7575.	6.74	0.0210	0. 41. 0.02
MILE 361.62	594.06	44202.	0.39	112772.	12372.	7.73	0.0210	0. 48. 0.02
MILE 357.41	594.05	45873.	0.34	135512.	23497.	7.78	0.0210	0. 58. 0.02
MILE 353.21	594.04	51288.	0.47	109418.	6594.	9.16	0.0230	0. 57. 0.02
MILE 349.00	594.01	52761.	0.46	114845.	3820.	9.68	0.0240	0. 60. 0.01

0DATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.58	41600.	1.94	21447.	3384.	7.11	0.0230	1810. 22. 0.14
MILE 420.49	596.53	41298.	2.05	20112.	1942.	5.54	0.0230	0. 18. 0.11
MILE 416.28	596.15	39796.	1.95	20401.	2005.	5.95	0.0270	0. 17. 0.11
MILE 412.08	595.48	38522.	1.56	24668.	2107.	6.30	0.0270	0. 19. 0.08
MILE 407.88	595.02	37441.	1.43	26204.	1727.	6.69	0.0270	0. 19. 0.06
MILE 403.67	594.78	37169.	1.42	26085.	1345.	7.22	0.0240	0. 21. 0.06
MILE 399.47	594.58	36977.	1.08	34348.	5399.	7.79	0.0220	0. 30. 0.08
MILE 395.26	594.45	36860.	1.11	33317.	9429.	9.42	0.0220	0. 36. 0.10
MILE 391.06	594.31	36053.	0.89	40561.	2419.	7.41	0.0220	0. 28. 0.04
MILE 386.85	594.22	36347.	0.69	52902.	4896.	5.50	0.0210	0. 35. 0.04
MILE 382.64	594.15	37358.	0.53	70366.	8926.	5.71	0.0210	0. 31. 0.03
MILE 378.44	594.11	39352.	0.68	57804.	11669.	5.37	0.0210	0. 38. 0.05
MILE 374.23	594.09	38851.	0.40	98044.	13431.	6.27	0.0210	0. 36. 0.03

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MILE 370.03	594.08	39831.	0.37	108495.	7863.	6.80	0.0210	0.	44.	0.02
MILE 365.82	594.04	41687.	0.34	123101.	7568.	6.73	0.0210	0.	41.	0.01
MILE 361.62	594.03	45791.	0.41	112583.	12350.	7.73	0.0210	0.	48.	0.02
MILE 357.41	594.01	49031.	0.36	135270.	23454.	7.78	0.0210	0.	58.	0.03
MILE 353.21	594.00	53668.	0.49	109268.	6582.	9.16	0.0230	0.	57.	0.02
MILE 349.00	593.97	55104.	0.48	114693.	3819.	9.68	0.0240	0.	59.	0.02

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.68	41300.	1.92	21554.	3455.	7.13	0.0230	1794.	22.	0.14
MILE 420.49	596.64	41803.	2.06	20281.	1984.	5.56	0.0230	0.	18.	0.11
MILE 416.28	596.26	40873.	1.99	20548.	2040.	5.97	0.0270	0.	17.	0.11
MILE 412.08	595.56	40174.	1.62	24791.	2122.	6.32	0.0270	0.	19.	0.08
MILE 407.88	595.07	39660.	1.51	26277.	1744.	6.71	0.0270	0.	19.	0.07
MILE 403.67	594.82	39517.	1.51	26128.	1346.	7.23	0.0240	0.	22.	0.06
MILE 399.47	594.60	39385.	1.15	34388.	5405.	7.79	0.0220	0.	31.	0.08
MILE 395.26	594.46	39676.	1.19	33326.	9432.	9.42	0.0220	0.	36.	0.11
MILE 391.06	594.31	40360.	1.00	40554.	2418.	7.41	0.0220	0.	28.	0.04
MILE 386.85	594.22	40051.	0.76	52895.	4896.	5.50	0.0210	0.	35.	0.04
MILE 382.64	594.16	39396.	0.56	70374.	8927.	5.71	0.0210	0.	31.	0.04
MILE 378.44	594.10	38511.	0.67	57764.	11665.	5.37	0.0210	0.	38.	0.05
MILE 374.23	594.07	41320.	0.42	97876.	13413.	6.27	0.0210	0.	36.	0.03
MILE 370.03	594.04	44143.	0.41	108301.	7851.	6.79	0.0210	0.	44.	0.02
MILE 365.82	594.01	45601.	0.37	122854.	7560.	6.72	0.0210	0.	41.	0.02
MILE 361.62	593.99	48282.	0.43	112380.	12327.	7.72	0.0210	0.	48.	0.03
MILE 357.41	593.97	51852.	0.38	134963.	23399.	7.77	0.0210	0.	57.	0.03
MILE 353.21	593.95	59439.	0.55	109046.	6564.	9.15	0.0230	0.	57.	0.02
MILE 349.00	593.90	61548.	0.54	114427.	3817.	9.66	0.0240	0.	59.	0.02

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.75	41500.	1.92	21639.	3512.	7.15	0.0230	1779.	22.	0.14
MILE 420.49	596.72	42387.	2.08	20401.	2014.	5.58	0.0230	0.	18.	0.12
MILE 416.28	596.33	41755.	2.02	20646.	2064.	5.99	0.0270	0.	17.	0.11
MILE 412.08	595.61	41262.	1.66	24871.	2131.	6.33	0.0270	0.	19.	0.09
MILE 407.88	595.10	40942.	1.56	26325.	1755.	6.71	0.0270	0.	19.	0.07
MILE 403.67	594.84	40927.	1.56	26152.	1346.	7.23	0.0240	0.	22.	0.06
MILE 399.47	594.61	41200.	1.20	34398.	5406.	7.79	0.0220	0.	31.	0.08
MILE 395.26	594.46	41027.	1.23	33333.	9435.	9.42	0.0220	0.	36.	0.12

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MILE 391.06	594.31	40525.	1.00	40571.	2419.	7.41	0.0220	0.	28.	0.04
MILE 386.85	594.22	40907.	0.77	52898.	4896.	5.50	0.0210	0.	35.	0.04
MILE 382.64	594.14	41764.	0.59	70317.	8922.	5.71	0.0210	0.	31.	0.04
MILE 378.44	594.08	43562.	0.76	57659.	11654.	5.37	0.0210	0.	38.	0.06
MILE 374.23	594.04	45507.	0.47	97736.	13399.	6.26	0.0210	0.	36.	0.03
MILE 370.03	594.01	48645.	0.45	108100.	7838.	6.79	0.0210	0.	44.	0.02
MILE 365.82	593.96	51065.	0.42	122511.	7549.	6.71	0.0210	0.	41.	0.02
MILE 361.62	593.93	55349.	0.49	112089.	12294.	7.71	0.0210	0.	48.	0.03
MILE 357.41	593.91	58514.	0.43	134632.	23339.	7.77	0.0210	0.	57.	0.03
MILE 353.21	593.90	62945.	0.58	108860.	6549.	9.14	0.0230	0.	57.	0.02
MILE 349.00	593.86	64242.	0.56	114274.	3816.	9.65	0.0240	0.	59.	0.02

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.84	42400.	1.95	21740.	3579.	7.17	0.0230	1760.	22.	0.14
MILE 420.49	596.79	43291.	2.11	20513.	2042.	5.60	0.0230	0.	18.	0.12
MILE 416.28	596.39	42658.	2.06	20728.	2084.	6.00	0.0270	0.	17.	0.11
MILE 412.08	595.64	42173.	1.69	24929.	2138.	6.34	0.0270	0.	19.	0.09
MILE 407.88	595.12	41836.	1.59	26357.	1763.	6.72	0.0270	0.	19.	0.07
MILE 403.67	594.85	41697.	1.59	26172.	1346.	7.24	0.0240	0.	22.	0.06
MILE 399.47	594.62	41374.	1.20	34416.	5409.	7.79	0.0220	0.	31.	0.08
MILE 395.26	594.46	41552.	1.25	33335.	9435.	9.42	0.0220	0.	36.	0.12
MILE 391.06	594.30	42567.	1.05	40528.	2417.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.20	43004.	0.81	52805.	4890.	5.49	0.0210	0.	35.	0.04
MILE 382.64	594.12	43700.	0.62	70175.	8910.	5.70	0.0210	0.	31.	0.04
MILE 378.44	594.05	45846.	0.80	57480.	11635.	5.37	0.0210	0.	38.	0.06
MILE 374.23	594.01	50513.	0.52	97492.	13374.	6.25	0.0210	0.	36.	0.03
MILE 370.03	593.97	54730.	0.51	107867.	7824.	6.78	0.0210	0.	44.	0.02
MILE 365.82	593.92	56396.	0.46	122243.	7540.	6.71	0.0210	0.	41.	0.02
MILE 361.62	593.90	58475.	0.52	111899.	12272.	7.70	0.0210	0.	48.	0.03
MILE 357.41	593.88	59816.	0.45	134408.	23299.	7.76	0.0210	0.	57.	0.03
MILE 353.21	593.87	60958.	0.56	108752.	6541.	9.13	0.0230	0.	57.	0.02
MILE 349.00	593.85	61319.	0.54	114236.	3815.	9.65	0.0240	0.	59.	0.02

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.90	42700.	1.96	21805.	3621.	7.18	0.0230	1740.	22.	0.14
MILE 420.49	596.85	43786.	2.13	20597.	2063.	5.62	0.0230	0.	18.	0.12
MILE 416.28	596.44	43277.	2.08	20799.	2101.	6.01	0.0270	0.	17.	0.12

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MILE 412.08	595.68	42820.	1.71	24988.	2145.	6.35	0.0270	0.	19.	0.09
MILE 407.88	595.14	42493.	1.61	26395.	1771.	6.72	0.0270	0.	19.	0.07
MILE 403.67	594.86	42461.	1.62	26189.	1346.	7.24	0.0240	0.	22.	0.06
MILE 399.47	594.62	42747.	1.24	34416.	5409.	7.79	0.0220	0.	31.	0.09
MILE 395.26	594.45	43084.	1.29	33324.	9431.	9.42	0.0220	0.	36.	0.12
MILE 391.06	594.28	44019.	1.09	40470.	2415.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.17	44921.	0.85	52684.	4883.	5.49	0.0210	0.	35.	0.05
MILE 382.64	594.08	46151.	0.66	69976.	8894.	5.69	0.0210	0.	31.	0.04
MILE 378.44	594.01	48650.	0.85	57259.	11612.	5.37	0.0210	0.	38.	0.07
MILE 374.23	593.97	51493.	0.53	97251.	13349.	6.24	0.0210	0.	35.	0.03
MILE 370.03	593.94	54174.	0.50	107659.	7811.	6.77	0.0210	0.	44.	0.02
MILE 365.82	593.90	55107.	0.45	122063.	7534.	6.70	0.0210	0.	41.	0.02
MILE 361.62	593.88	56182.	0.50	111822.	12264.	7.69	0.0210	0.	48.	0.03
MILE 357.41	593.87	56745.	0.42	134374.	23293.	7.76	0.0210	0.	57.	0.03
MILE 353.21	593.87	56331.	0.52	108740.	6540.	9.13	0.0230	0.	57.	0.02
MILE 349.00	593.85	56367.	0.49	114236.	3815.	9.65	0.0240	0.	59.	0.02

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.92	42400.	1.94	21824.	3634.	7.19	0.0230	1722.	22.	0.14
MILE 420.49	596.88	43769.	2.12	20643.	2074.	5.62	0.0230	0.	18.	0.12
MILE 416.28	596.47	43531.	2.09	20843.	2112.	6.02	0.0270	0.	17.	0.12
MILE 412.08	595.71	43387.	1.73	25026.	2150.	6.36	0.0270	0.	19.	0.09
MILE 407.88	595.16	43338.	1.64	26411.	1775.	6.72	0.0270	0.	19.	0.07
MILE 403.67	594.86	43402.	1.66	26191.	1346.	7.24	0.0240	0.	22.	0.07
MILE 399.47	594.61	43894.	1.28	34402.	5407.	7.79	0.0220	0.	31.	0.09
MILE 395.26	594.44	44528.	1.34	33303.	9424.	9.42	0.0220	0.	36.	0.13
MILE 391.06	594.25	45891.	1.14	40392.	2412.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.14	46534.	0.89	52555.	4876.	5.49	0.0210	0.	35.	0.05
MILE 382.64	594.05	47212.	0.68	69803.	8880.	5.69	0.0210	0.	31.	0.04
MILE 378.44	593.98	48498.	0.85	57098.	11595.	5.37	0.0210	0.	38.	0.07
MILE 374.23	593.95	49566.	0.51	97117.	13335.	6.24	0.0210	0.	35.	0.03
MILE 370.03	593.93	50361.	0.47	107578.	7806.	6.76	0.0210	0.	44.	0.02
MILE 365.82	593.89	50504.	0.41	122033.	7533.	6.70	0.0210	0.	41.	0.02
MILE 361.62	593.88	50633.	0.45	111820.	12263.	7.69	0.0210	0.	48.	0.03
MILE 357.41	593.88	50573.	0.38	134389.	23296.	7.76	0.0210	0.	57.	0.03
MILE 353.21	593.88	49698.	0.46	108770.	6542.	9.13	0.0230	0.	57.	0.02
MILE 349.00	593.87	49546.	0.43	114312.	3816.	9.66	0.0240	0.	59.	0.01

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.93	42400.	1.94	21842.	3646.	7.19	0.0230	1705.	22.	0.14
MILE 420.49	596.90	43908.	2.12	20670.	2081.	5.63	0.0230	0.	18.	0.12
MILE 416.28	596.48	43795.	2.10	20864.	2117.	6.03	0.0270	0.	17.	0.12
MILE 412.08	595.71	43784.	1.75	25035.	2151.	6.36	0.0270	0.	19.	0.09
MILE 407.88	595.15	43910.	1.66	26404.	1773.	6.72	0.0270	0.	19.	0.08
MILE 403.67	594.85	44070.	1.68	26176.	1346.	7.24	0.0240	0.	22.	0.07
MILE 399.47	594.59	44834.	1.30	34371.	5402.	7.79	0.0220	0.	30.	0.09
MILE 395.26	594.42	45433.	1.37	33279.	9415.	9.41	0.0220	0.	36.	0.13
MILE 391.06	594.23	46394.	1.15	40334.	2409.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.12	46750.	0.89	52478.	4871.	5.48	0.0210	0.	35.	0.05
MILE 382.64	594.03	46955.	0.67	69727.	8873.	5.68	0.0210	0.	31.	0.04
MILE 378.44	593.97	47136.	0.83	57056.	11591.	5.37	0.0210	0.	38.	0.07
MILE 374.23	593.94	46833.	0.48	97088.	13332.	6.23	0.0210	0.	35.	0.03
MILE 370.03	593.92	46187.	0.43	107568.	7805.	6.76	0.0210	0.	44.	0.02
MILE 365.82	593.90	45697.	0.37	122068.	7534.	6.70	0.0210	0.	41.	0.02
MILE 361.62	593.89	45103.	0.40	111864.	12268.	7.70	0.0210	0.	48.	0.02
MILE 357.41	593.88	45412.	0.34	134431.	23303.	7.76	0.0210	0.	57.	0.02
MILE 353.21	593.87	47068.	0.43	108761.	6541.	9.13	0.0230	0.	57.	0.02
MILE 349.00	593.85	47698.	0.42	114236.	3815.	9.65	0.0240	0.	59.	0.01

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.94	42400.	1.94	21851.	3652.	7.19	0.0230	1686.	22.	0.14
MILE 420.49	596.90	44030.	2.13	20683.	2084.	5.63	0.0230	0.	18.	0.12
MILE 416.28	596.49	44029.	2.11	20872.	2119.	6.03	0.0270	0.	17.	0.12
MILE 412.08	595.71	44120.	1.76	25031.	2150.	6.36	0.0270	0.	19.	0.09
MILE 407.88	595.14	44315.	1.68	26386.	1769.	6.72	0.0270	0.	19.	0.08
MILE 403.67	594.84	44461.	1.70	26156.	1346.	7.23	0.0240	0.	22.	0.07
MILE 399.47	594.57	44999.	1.31	34339.	5398.	7.79	0.0220	0.	30.	0.09
MILE 395.26	594.40	45363.	1.36	33260.	9408.	9.41	0.0220	0.	36.	0.13
MILE 391.06	594.22	45834.	1.14	40313.	2408.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.12	45955.	0.88	52467.	4871.	5.48	0.0210	0.	35.	0.05
MILE 382.64	594.03	45904.	0.66	69732.	8874.	5.68	0.0210	0.	31.	0.04
MILE 378.44	593.98	45501.	0.80	57080.	11593.	5.37	0.0210	0.	38.	0.06
MILE 374.23	593.95	44290.	0.46	97140.	13337.	6.24	0.0210	0.	35.	0.03
MILE 370.03	593.93	43696.	0.41	107608.	7808.	6.77	0.0210	0.	44.	0.02
MILE 365.82	593.90	44047.	0.36	122076.	7535.	6.70	0.0210	0.	41.	0.02
MILE 361.62	593.88	45003.	0.40	111834.	12265.	7.69	0.0210	0.	48.	0.02
MILE 357.41	593.87	45479.	0.34	134378.	23294.	7.76	0.0210	0.	57.	0.02
MILE 353.21	593.87	46339.	0.43	108738.	6540.	9.13	0.0230	0.	57.	0.02
MILE 349.00	593.85	46653.	0.41	114236.	3815.	9.65	0.0240	0.	59.	0.01

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.94	42400.	1.94	21851.	3652.	7.19	0.0230	1667.	22.	0.14
MILE 420.49	596.90	44116.	2.13	20683.	2084.	5.63	0.0230	0.	18.	0.12
MILE 416.28	596.49	44179.	2.12	20870.	2118.	6.03	0.0270	0.	17.	0.12
MILE 412.08	595.70	44289.	1.77	25021.	2149.	6.35	0.0270	0.	19.	0.09
MILE 407.88	595.13	44438.	1.69	26370.	1766.	6.72	0.0270	0.	19.	0.08
MILE 403.67	594.83	44514.	1.70	26142.	1346.	7.23	0.0240	0.	22.	0.07
MILE 399.47	594.57	44718.	1.30	34321.	5396.	7.79	0.0220	0.	30.	0.09
MILE 395.26	594.40	44831.	1.35	33252.	9405.	9.41	0.0220	0.	36.	0.13
MILE 391.06	594.22	44899.	1.11	40312.	2408.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.12	44800.	0.85	52485.	4872.	5.48	0.0210	0.	35.	0.05
MILE 382.64	594.04	44609.	0.64	69777.	8877.	5.69	0.0210	0.	31.	0.04
MILE 378.44	593.98	44415.	0.78	57123.	11598.	5.37	0.0210	0.	38.	0.06
MILE 374.23	593.95	45139.	0.46	97143.	13337.	6.24	0.0210	0.	35.	0.03
MILE 370.03	593.93	45475.	0.42	107589.	7806.	6.77	0.0210	0.	44.	0.02
MILE 365.82	593.89	45477.	0.37	122043.	7533.	6.70	0.0210	0.	41.	0.02
MILE 361.62	593.88	45072.	0.40	111817.	12263.	7.69	0.0210	0.	48.	0.02
MILE 357.41	593.87	43922.	0.33	134387.	23295.	7.76	0.0210	0.	57.	0.02
MILE 353.21	593.88	41076.	0.38	108780.	6543.	9.13	0.0230	0.	57.	0.02
MILE 349.00	593.88	40278.	0.35	114350.	3816.	9.66	0.0240	0.	59.	0.01

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.92	42000.	1.92	21821.	3633.	7.19	0.0230	1650.	22.	0.14
MILE 420.49	596.89	43883.	2.12	20660.	2079.	5.63	0.0230	0.	18.	0.12
MILE 416.28	596.48	44072.	2.11	20857.	2115.	6.02	0.0270	0.	17.	0.12
MILE 412.08	595.70	44242.	1.77	25009.	2148.	6.35	0.0270	0.	19.	0.09
MILE 407.88	595.12	44356.	1.68	26362.	1764.	6.72	0.0270	0.	19.	0.08
MILE 403.67	594.82	44382.	1.70	26137.	1346.	7.23	0.0240	0.	22.	0.07
MILE 399.47	594.56	44360.	1.29	34318.	5395.	7.79	0.0220	0.	30.	0.09
MILE 395.26	594.40	44280.	1.33	33254.	9406.	9.41	0.0220	0.	36.	0.12
MILE 391.06	594.23	44164.	1.10	40324.	2409.	7.40	0.0220	0.	28.	0.05
MILE 386.85	594.12	44306.	0.84	52498.	4873.	5.48	0.0210	0.	35.	0.05
MILE 382.64	594.04	44583.	0.64	69775.	8877.	5.69	0.0210	0.	31.	0.04
MILE 378.44	593.98	45095.	0.79	57106.	11596.	5.37	0.0210	0.	38.	0.06
MILE 374.23	593.95	45007.	0.46	97147.	13338.	6.24	0.0210	0.	35.	0.03
MILE 370.03	593.93	44376.	0.41	107626.	7809.	6.77	0.0210	0.	44.	0.02
MILE 365.82	593.91	43322.	0.35	122150.	7537.	6.70	0.0210	0.	41.	0.02

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MILE 361.62	593.90	41110.	0.37	111930.	12276.	7.70	0.0210	0.	48.	0.02
MILE 357.41	593.90	39751.	0.30	134526.	23320.	7.76	0.0210	0.	57.	0.02
MILE 353.21	593.89	37882.	0.35	108838.	6548.	9.14	0.0230	0.	57.	0.02
MILE 349.00	593.88	37583.	0.33	114350.	3816.	9.66	0.0240	0.	59.	0.01

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.97	43200.	1.97	21882.	3673.	7.20	0.0230	1794.	22.	0.14
MILE 420.49	596.91	44585.	2.15	20696.	2088.	5.63	0.0230	162.	18.	0.12
MILE 416.28	596.49	44396.	2.13	20869.	2118.	6.03	0.0270	161.	17.	0.12
MILE 412.08	595.70	44233.	1.77	25012.	2148.	6.35	0.0270	162.	19.	0.09
MILE 407.88	595.13	44157.	1.67	26367.	1765.	6.72	0.0270	162.	19.	0.08
MILE 403.67	594.83	44214.	1.69	26144.	1346.	7.23	0.0240	161.	22.	0.07
MILE 399.47	594.57	44134.	1.29	34328.	5397.	7.79	0.0220	162.	30.	0.09
MILE 395.26	594.40	44229.	1.33	33258.	9407.	9.41	0.0220	161.	36.	0.12
MILE 391.06	594.23	44453.	1.10	40322.	2409.	7.40	0.0220	143.	28.	0.05
MILE 386.85	594.12	44508.	0.85	52492.	4872.	5.48	0.0210	125.	35.	0.05
MILE 382.64	594.04	44434.	0.64	69780.	8878.	5.69	0.0210	125.	31.	0.04
MILE 378.44	593.99	43838.	0.77	57151.	11601.	5.37	0.0210	125.	38.	0.06
MILE 374.23	593.97	41822.	0.43	97249.	13348.	6.24	0.0210	125.	35.	0.03
MILE 370.03	593.95	40058.	0.37	107744.	7816.	6.77	0.0210	125.	44.	0.02
MILE 365.82	593.93	39586.	0.32	122288.	7542.	6.71	0.0210	125.	41.	0.01
MILE 361.62	593.92	39429.	0.35	112010.	12285.	7.70	0.0210	125.	48.	0.02
MILE 357.41	593.90	40491.	0.30	134570.	23328.	7.76	0.0210	125.	57.	0.02
MILE 353.21	593.89	43270.	0.40	108817.	6546.	9.13	0.0230	125.	57.	0.02
MILE 349.00	593.85	44294.	0.39	114236.	3815.	9.65	0.0240	125.	59.	0.01

ODATE 3-14-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.99	43200.	1.97	21910.	3692.	7.20	0.0230	1938.	22.	0.14
MILE 420.49	596.94	44673.	2.15	20741.	2099.	5.64	0.0230	323.	18.	0.12
MILE 416.28	596.52	44602.	2.13	20913.	2129.	6.03	0.0270	322.	17.	0.12
MILE 412.08	595.73	44518.	1.78	25059.	2154.	6.36	0.0270	323.	19.	0.09
MILE 407.88	595.15	44438.	1.68	26406.	1774.	6.72	0.0270	323.	19.	0.08
MILE 403.67	594.85	44599.	1.70	26167.	1346.	7.24	0.0240	322.	22.	0.07
MILE 399.47	594.58	44539.	1.30	34346.	5399.	7.79	0.0220	323.	30.	0.09
MILE 395.26	594.41	44548.	1.34	33266.	9410.	9.41	0.0220	322.	36.	0.13
MILE 391.06	594.24	44159.	1.09	40356.	2410.	7.40	0.0220	287.	28.	0.05
MILE 386.85	594.14	43853.	0.83	52557.	4876.	5.49	0.0210	250.	35.	0.04

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MILE 382.64	594.06	43327.	0.62	69886.	8887.	5.69	0.0210	249.	31.	0.04
MILE 378.44	594.01	41999.	0.73	57266.	11613.	5.37	0.0210	249.	38.	0.06
MILE 374.23	593.98	41188.	0.42	97342.	13358.	6.24	0.0210	250.	35.	0.03
MILE 370.03	593.96	41162.	0.38	107781.	7818.	6.77	0.0210	250.	44.	0.02
MILE 365.82	593.92	42270.	0.35	122235.	7540.	6.71	0.0210	249.	41.	0.02
MILE 361.62	593.90	44757.	0.40	111910.	12274.	7.70	0.0210	250.	48.	0.02
MILE 357.41	593.88	47761.	0.36	134391.	23296.	7.76	0.0210	249.	57.	0.03
MILE 353.21	593.85	53930.	0.50	108678.	6535.	9.13	0.0230	250.	57.	0.02
MILE 349.00	593.80	55831.	0.49	114046.	3814.	9.64	0.0240	250.	59.	0.02

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TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.02	43200.	1.97	21943.	3713.	7.21	0.0230	2082.	22.	0.14
MILE 420.49	596.98	44731.	2.15	20795.	2112.	5.65	0.0230	485.	18.	0.12
MILE 416.28	596.55	44770.	2.14	20961.	2140.	6.04	0.0270	484.	17.	0.12
MILE 412.08	595.76	44816.	1.78	25111.	2160.	6.37	0.0270	485.	19.	0.09
MILE 407.88	595.18	44838.	1.70	26450.	1784.	6.73	0.0270	485.	19.	0.08
MILE 403.67	594.87	45081.	1.72	26200.	1346.	7.24	0.0240	484.	22.	0.07
MILE 399.47	594.60	44773.	1.30	34385.	5404.	7.79	0.0220	485.	31.	0.09
MILE 395.26	594.43	44528.	1.34	33293.	9420.	9.42	0.0220	484.	36.	0.13
MILE 391.06	594.26	43474.	1.08	40427.	2413.	7.40	0.0220	430.	28.	0.05
MILE 386.85	594.16	43275.	0.82	52656.	4882.	5.49	0.0210	375.	35.	0.04
MILE 382.64	594.08	43323.	0.62	69985.	8895.	5.70	0.0210	374.	31.	0.04
MILE 378.44	594.02	43600.	0.76	57303.	11617.	5.37	0.0210	374.	38.	0.06
MILE 374.23	593.97	45679.	0.47	97300.	13354.	6.24	0.0210	375.	35.	0.03
MILE 370.03	593.94	48605.	0.45	107667.	7811.	6.77	0.0210	375.	44.	0.02
MILE 365.82	593.89	50962.	0.42	121990.	7532.	6.70	0.0210	374.	41.	0.02
MILE 361.62	593.86	54333.	0.49	111687.	12248.	7.69	0.0210	375.	48.	0.03
MILE 357.41	593.83	56382.	0.42	134130.	23249.	7.76	0.0210	374.	57.	0.03
MILE 353.21	593.82	58776.	0.54	108557.	6525.	9.12	0.0230	375.	57.	0.02
MILE 349.00	593.79	59571.	0.52	114008.	3814.	9.64	0.0240	375.	59.	0.02

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
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MILE 424.70	598.04	43000.	1.96	21963.	3726.	7.21	0.0230	2071.	22.	0.14
MILE 420.49	597.01	44692.	2.14	20839.	2123.	5.66	0.0230	491.	18.	0.12
MILE 416.28	596.58	44873.	2.14	21004.	2151.	6.05	0.0270	490.	17.	0.12
MILE 412.08	595.79	45015.	1.79	25161.	2166.	6.38	0.0270	491.	19.	0.09
MILE 407.88	595.21	45059.	1.70	26498.	1795.	6.74	0.0270	491.	19.	0.08

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MILE 403.67	594.90	45275.	1.73	26241.	1347.	7.25	0.0240	490.	22.	0.07
MILE 399.47	594.63	44794.	1.30	34440.	5412.	7.79	0.0220	491.	31.	0.09
MILE 395.26	594.46	44615.	1.34	33326.	9432.	9.42	0.0220	490.	36.	0.13
MILE 391.06	594.28	44383.	1.10	40467.	2415.	7.40	0.0220	435.	28.	0.05
MILE 386.85	594.17	44758.	0.85	52671.	4883.	5.49	0.0210	379.	35.	0.05
MILE 382.64	594.07	45613.	0.65	69944.	8891.	5.69	0.0210	378.	31.	0.04
MILE 378.44	594.00	47658.	0.83	57195.	11605.	5.37	0.0210	378.	38.	0.07
MILE 374.23	593.95	51624.	0.53	97124.	13335.	6.24	0.0210	379.	35.	0.03
MILE 370.03	593.91	55056.	0.51	107491.	7800.	6.76	0.0210	379.	44.	0.02
MILE 365.82	593.86	56417.	0.46	121797.	7525.	6.69	0.0210	378.	41.	0.02
MILE 361.62	593.83	57564.	0.52	111575.	12235.	7.68	0.0210	379.	48.	0.03
MILE 357.41	593.82	58683.	0.44	134013.	23228.	7.76	0.0210	378.	57.	0.03
MILE 353.21	593.80	59942.	0.55	108482.	6519.	9.12	0.0230	379.	57.	0.02
MILE 349.00	593.77	60541.	0.53	113932.	3813.	9.63	0.0240	379.	59.	0.02

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.06	43000.	1.96	21984.	3741.	7.22	0.0230	2059.	22.	0.14
MILE 420.49	597.03	44719.	2.14	20876.	2133.	5.66	0.0230	497.	18.	0.12
MILE 416.28	596.61	44919.	2.14	21038.	2159.	6.06	0.0270	496.	17.	0.12
MILE 412.08	595.82	45063.	1.79	25204.	2171.	6.38	0.0270	497.	19.	0.09
MILE 407.88	595.24	45149.	1.70	26542.	1806.	6.74	0.0270	497.	19.	0.08
MILE 403.67	594.93	45455.	1.73	26277.	1347.	7.25	0.0240	496.	22.	0.07
MILE 399.47	594.65	45510.	1.32	34481.	5418.	7.80	0.0220	497.	31.	0.09
MILE 395.26	594.47	45878.	1.38	33342.	9438.	9.42	0.0220	496.	36.	0.13
MILE 391.06	594.27	46681.	1.15	40450.	2414.	7.40	0.0220	440.	28.	0.05
MILE 386.85	594.15	47512.	0.90	52597.	4878.	5.49	0.0210	383.	35.	0.05
MILE 382.64	594.04	48649.	0.70	69800.	8879.	5.69	0.0210	382.	31.	0.04
MILE 378.44	593.97	50600.	0.89	57038.	11589.	5.37	0.0210	382.	38.	0.07
MILE 374.23	593.92	52496.	0.54	96983.	13321.	6.23	0.0210	383.	35.	0.04
MILE 370.03	593.89	54542.	0.51	107381.	7793.	6.76	0.0210	383.	44.	0.02
MILE 365.82	593.84	55781.	0.46	121693.	7522.	6.69	0.0210	382.	41.	0.02
MILE 361.62	593.82	57468.	0.52	111512.	12228.	7.68	0.0210	383.	48.	0.03
MILE 357.41	593.81	59011.	0.44	133951.	23217.	7.76	0.0210	382.	57.	0.03
MILE 353.21	593.79	60390.	0.56	108444.	6516.	9.12	0.0230	383.	57.	0.02
MILE 349.00	593.76	61131.	0.54	113894.	3813.	9.63	0.0240	383.	59.	0.02

0DATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	598.09	43200.	1.96	22016.	3762.	7.23	0.0230	2050.	22.	0.14
MILE 420.49	597.06	44859.	2.14	20918.	2143.	5.67	0.0230	504.	18.	0.12
MILE 416.28	596.63	45042.	2.14	21073.	2167.	6.06	0.0270	502.	17.	0.12
MILE 412.08	595.84	45243.	1.79	25241.	2175.	6.39	0.0270	504.	19.	0.09
MILE 407.88	595.26	45517.	1.71	26571.	1812.	6.75	0.0270	504.	19.	0.08
MILE 403.67	594.94	45991.	1.75	26293.	1347.	7.26	0.0240	502.	22.	0.07
MILE 399.47	594.66	46700.	1.35	34489.	5419.	7.80	0.0220	504.	31.	0.09
MILE 395.26	594.46	47525.	1.43	33337.	9436.	9.42	0.0220	502.	36.	0.13
MILE 391.06	594.26	48689.	1.20	40409.	2412.	7.40	0.0220	445.	28.	0.05
MILE 386.85	594.13	49318.	0.94	52523.	4874.	5.48	0.0210	386.	35.	0.05
MILE 382.64	594.03	49931.	0.72	69703.	8871.	5.68	0.0210	386.	31.	0.05
MILE 378.44	593.95	50803.	0.89	56947.	11579.	5.37	0.0210	386.	38.	0.07
MILE 374.23	593.91	52256.	0.54	96876.	13310.	6.23	0.0210	386.	35.	0.04
MILE 370.03	593.88	53675.	0.50	107287.	7788.	6.75	0.0210	386.	44.	0.02
MILE 365.82	593.83	54642.	0.45	121601.	7519.	6.69	0.0210	386.	41.	0.02
MILE 361.62	593.81	56035.	0.50	111452.	12222.	7.68	0.0210	386.	48.	0.03
MILE 357.41	593.80	57382.	0.43	133890.	23206.	7.75	0.0210	386.	57.	0.03
MILE 353.21	593.79	58950.	0.54	108419.	6514.	9.11	0.0230	386.	57.	0.02
MILE 349.00	593.76	59662.	0.52	113894.	3813.	9.63	0.0240	386.	59.	0.02

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.11	43200.	1.96	22039.	3777.	7.23	0.0230	2040.	22.	0.14
MILE 420.49	597.08	44939.	2.14	20953.	2152.	5.68	0.0230	510.	18.	0.12
MILE 416.28	596.66	45236.	2.14	21102.	2174.	6.07	0.0270	509.	17.	0.12
MILE 412.08	595.86	45605.	1.81	25266.	2178.	6.39	0.0270	510.	19.	0.09
MILE 407.88	595.26	46079.	1.73	26582.	1815.	6.75	0.0270	510.	19.	0.08
MILE 403.67	594.94	46647.	1.77	26293.	1347.	7.26	0.0240	509.	22.	0.07
MILE 399.47	594.65	47518.	1.38	34476.	5417.	7.80	0.0220	510.	31.	0.10
MILE 395.26	594.46	48288.	1.45	33325.	9432.	9.42	0.0220	509.	36.	0.14
MILE 391.06	594.25	49143.	1.22	40383.	2411.	7.40	0.0220	450.	28.	0.05
MILE 386.85	594.12	49743.	0.95	52485.	4872.	5.48	0.0210	390.	35.	0.05
MILE 382.64	594.02	50380.	0.72	69648.	8867.	5.68	0.0210	389.	31.	0.05
MILE 378.44	593.94	51246.	0.90	56887.	11573.	5.37	0.0210	389.	38.	0.07
MILE 374.23	593.90	52231.	0.54	96809.	13303.	6.22	0.0210	390.	35.	0.04
MILE 370.03	593.87	53245.	0.50	107224.	7784.	6.75	0.0210	390.	44.	0.02
MILE 365.82	593.82	53952.	0.44	121540.	7517.	6.69	0.0210	389.	41.	0.02
MILE 361.62	593.80	54727.	0.49	111415.	12217.	7.68	0.0210	390.	48.	0.03
MILE 357.41	593.79	55332.	0.41	133857.	23200.	7.75	0.0210	389.	57.	0.03
MILE 353.21	593.78	56063.	0.52	108405.	6513.	9.11	0.0230	390.	57.	0.02
MILE 349.00	593.76	56586.	0.50	113894.	3813.	9.63	0.0240	390.	59.	0.02

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.13	43200.	1.96	22063.	3793.	7.23	0.0230	2304.	22.	0.14
MILE 420.49	597.10	45039.	2.15	20992.	2162.	5.68	0.0230	792.	18.	0.12
MILE 416.28	596.68	45475.	2.15	21135.	2182.	6.07	0.0270	790.	17.	0.12
MILE 412.08	595.88	45955.	1.82	25294.	2182.	6.39	0.0270	792.	19.	0.09
MILE 407.88	595.28	46462.	1.75	26599.	1819.	6.75	0.0270	792.	19.	0.08
MILE 403.67	594.94	47142.	1.79	26300.	1347.	7.26	0.0240	790.	22.	0.07
MILE 399.47	594.65	47724.	1.38	34474.	5417.	7.80	0.0220	792.	31.	0.10
MILE 395.26	594.45	48468.	1.45	33320.	9430.	9.42	0.0220	790.	36.	0.14
MILE 391.06	594.24	49396.	1.22	40364.	2411.	7.40	0.0220	593.	28.	0.05
MILE 386.85	594.11	49915.	0.95	52452.	4870.	5.48	0.0210	394.	35.	0.05
MILE 382.64	594.01	50482.	0.73	69606.	8863.	5.68	0.0210	393.	31.	0.05
MILE 378.44	593.93	51257.	0.90	56850.	11569.	5.37	0.0210	393.	38.	0.07
MILE 374.23	593.89	51986.	0.54	96778.	13300.	6.22	0.0210	394.	35.	0.04
MILE 370.03	593.86	52546.	0.49	107203.	7782.	6.75	0.0210	394.	44.	0.02
MILE 365.82	593.82	52965.	0.44	121530.	7516.	6.69	0.0210	393.	41.	0.02
MILE 361.62	593.80	53286.	0.48	111412.	12217.	7.68	0.0210	394.	48.	0.03
MILE 357.41	593.79	53536.	0.40	133854.	23199.	7.75	0.0210	393.	57.	0.03
MILE 353.21	593.78	53807.	0.50	108402.	6513.	9.11	0.0230	394.	57.	0.02
MILE 349.00	593.76	54189.	0.48	113894.	3813.	9.63	0.0240	394.	59.	0.02

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.15	43200.	1.96	22085.	3807.	7.24	0.0230	2184.	22.	0.14
MILE 420.49	597.13	45152.	2.15	21027.	2170.	5.69	0.0230	689.	18.	0.12
MILE 416.28	596.70	45669.	2.16	21165.	2190.	6.08	0.0270	687.	18.	0.12
MILE 412.08	595.90	46217.	1.83	25320.	2185.	6.40	0.0270	689.	19.	0.09
MILE 407.88	595.29	46803.	1.76	26615.	1822.	6.75	0.0270	689.	19.	0.08
MILE 403.67	594.95	47476.	1.80	26308.	1347.	7.26	0.0240	687.	22.	0.07
MILE 399.47	594.65	48204.	1.40	34480.	5418.	7.80	0.0220	689.	31.	0.10
MILE 395.26	594.45	48924.	1.47	33320.	9430.	9.42	0.0220	687.	36.	0.14
MILE 391.06	594.24	49608.	1.23	40361.	2410.	7.40	0.0220	599.	28.	0.05
MILE 386.85	594.11	50104.	0.96	52445.	4870.	5.48	0.0210	509.	35.	0.05
MILE 382.64	594.01	50574.	0.73	69597.	8863.	5.68	0.0210	508.	31.	0.05
MILE 378.44	593.93	50953.	0.90	56845.	11569.	5.37	0.0210	508.	38.	0.07
MILE 374.23	593.89	51226.	0.53	96779.	13300.	6.22	0.0210	509.	35.	0.03
MILE 370.03	593.86	51423.	0.48	107209.	7783.	6.75	0.0210	509.	44.	0.02
MILE 365.82	593.82	51792.	0.43	121545.	7517.	6.69	0.0210	508.	41.	0.02
MILE 361.62	593.80	52281.	0.47	111420.	12218.	7.68	0.0210	509.	48.	0.03
MILE 357.41	593.79	53504.	0.40	133836.	23196.	7.75	0.0210	508.	57.	0.03
MILE 353.21	593.77	56298.	0.52	108355.	6509.	9.11	0.0230	509.	57.	0.02

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MILE 349.00 593.73 57532. 0.51 113780. 3812. 9.63 0.0240 509. 59. 0.02

0DATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.17	43500.	1.97	22113.	3826.	7.24	0.0230	2120.	22.	0.14
MILE 420.49	597.14	45411.	2.16	21053.	2177.	5.69	0.0230	637.	18.	0.12
MILE 416.28	596.71	45895.	2.17	21182.	2194.	6.08	0.0270	636.	18.	0.12
MILE 412.08	595.90	46432.	1.83	25330.	2186.	6.40	0.0270	637.	19.	0.09
MILE 407.88	595.29	47040.	1.77	26618.	1823.	6.75	0.0270	637.	19.	0.08
MILE 403.67	594.95	47689.	1.81	26309.	1347.	7.26	0.0240	636.	22.	0.07
MILE 399.47	594.65	48374.	1.40	34480.	5418.	7.80	0.0220	637.	31.	0.10
MILE 395.26	594.45	48947.	1.47	33324.	9431.	9.42	0.0220	636.	36.	0.14
MILE 391.06	594.25	48987.	1.21	40398.	2412.	7.40	0.0220	1106.	28.	0.05
MILE 386.85	594.13	50034.	0.95	52510.	4873.	5.48	0.0210	1568.	35.	0.05
MILE 382.64	594.02	50913.	0.73	69671.	8869.	5.68	0.0210	1564.	31.	0.05
MILE 378.44	593.95	50948.	0.90	56910.	11576.	5.37	0.0210	1564.	38.	0.07
MILE 374.23	593.90	50893.	0.53	96846.	13307.	6.23	0.0210	1568.	35.	0.03
MILE 370.03	593.87	51515.	0.48	107254.	7786.	6.75	0.0210	1568.	44.	0.02
MILE 365.82	593.82	53231.	0.44	121536.	7517.	6.69	0.0210	1564.	41.	0.02
MILE 361.62	593.79	55970.	0.50	111356.	12211.	7.67	0.0210	1568.	48.	0.03
MILE 357.41	593.76	60320.	0.45	133667.	23166.	7.75	0.0210	1564.	57.	0.03
MILE 353.21	593.72	69326.	0.64	108170.	6494.	9.10	0.0230	1568.	57.	0.03
MILE 349.00	593.64	73209.	0.65	113438.	3809.	9.61	0.0240	1568.	59.	0.02

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.24	44600.	2.01	22186.	3874.	7.26	0.0230	2098.	22.	0.15
MILE 420.49	597.18	46196.	2.19	21109.	2191.	5.70	0.0230	627.	18.	0.12
MILE 416.28	596.74	46425.	2.19	21215.	2202.	6.09	0.0270	625.	18.	0.12
MILE 412.08	595.91	46746.	1.84	25346.	2188.	6.40	0.0270	627.	19.	0.10
MILE 407.88	595.29	47192.	1.77	26626.	1825.	6.75	0.0270	627.	19.	0.08
MILE 403.67	594.96	47736.	1.81	26316.	1347.	7.26	0.0240	625.	22.	0.07
MILE 399.47	594.66	48003.	1.39	34492.	5419.	7.80	0.0220	627.	31.	0.10
MILE 395.26	594.46	48340.	1.45	33335.	9435.	9.42	0.0220	625.	36.	0.14
MILE 391.06	594.26	48900.	1.21	40407.	2412.	7.40	0.0220	600.	28.	0.05
MILE 386.85	594.13	49495.	0.94	52525.	4874.	5.48	0.0210	572.	35.	0.05
MILE 382.64	594.03	50252.	0.72	69717.	8872.	5.68	0.0210	571.	31.	0.05
MILE 378.44	593.95	51676.	0.91	56956.	11580.	5.37	0.0210	571.	38.	0.07
MILE 374.23	593.90	54142.	0.56	96828.	13305.	6.22	0.0210	572.	35.	0.04

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MILE 370.03	593.85	57915.	0.54	107132.	7778.	6.75	0.0210	572.	44.	0.03
MILE 365.82	593.78	61414.	0.51	121229.	7506.	6.68	0.0210	571.	41.	0.02
MILE 361.62	593.74	66539.	0.60	111084.	12180.	7.66	0.0210	572.	48.	0.03
MILE 357.41	593.73	66435.	0.50	133474.	23131.	7.75	0.0210	571.	57.	0.04
MILE 353.21	593.75	58671.	0.54	108274.	6502.	9.11	0.0230	572.	57.	0.02
MILE 349.00	593.78	56395.	0.49	113969.	3813.	9.64	0.0240	572.	59.	0.02

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.29	45200.	2.03	22247.	3914.	7.27	0.0230	2128.	22.	0.15
MILE 420.49	597.22	46733.	2.21	21173.	2207.	5.71	0.0230	671.	18.	0.13
MILE 416.28	596.77	46917.	2.21	21265.	2214.	6.10	0.0270	669.	18.	0.13
MILE 412.08	595.94	47133.	1.86	25389.	2193.	6.41	0.0270	671.	19.	0.10
MILE 407.88	595.31	47388.	1.78	26659.	1833.	6.76	0.0270	671.	19.	0.08
MILE 403.67	594.97	47893.	1.82	26338.	1348.	7.26	0.0240	669.	22.	0.07
MILE 399.47	594.67	48218.	1.40	34512.	5422.	7.80	0.0220	671.	31.	0.10
MILE 395.26	594.47	48754.	1.46	33340.	9437.	9.42	0.0220	669.	36.	0.14
MILE 391.06	594.26	49399.	1.22	40405.	2412.	7.40	0.0220	540.	28.	0.05
MILE 386.85	594.12	50234.	0.96	52495.	4872.	5.48	0.0210	409.	35.	0.05
MILE 382.64	594.01	51461.	0.74	69616.	8864.	5.68	0.0210	408.	31.	0.05
MILE 378.44	593.92	54157.	0.95	56761.	11560.	5.37	0.0210	408.	38.	0.08
MILE 374.23	593.85	59832.	0.62	96549.	13276.	6.21	0.0210	409.	35.	0.04
MILE 370.03	593.82	62452.	0.58	106961.	7767.	6.74	0.0210	409.	44.	0.03
MILE 365.82	593.79	60280.	0.50	121300.	7509.	6.68	0.0210	408.	41.	0.02
MILE 361.62	593.79	53593.	0.48	111326.	12207.	7.67	0.0210	409.	48.	0.03
MILE 357.41	593.78	49730.	0.37	133820.	23193.	7.75	0.0210	408.	57.	0.03
MILE 353.21	593.79	45193.	0.42	108413.	6513.	9.11	0.0230	409.	57.	0.02
MILE 349.00	593.78	44406.	0.39	113970.	3813.	9.64	0.0240	409.	59.	0.01

ODATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.31	44900.	2.02	22267.	3928.	7.27	0.0230	2261.	22.	0.15
MILE 420.49	597.25	46657.	2.20	21221.	2219.	5.72	0.0230	818.	18.	0.13
MILE 416.28	596.81	47062.	2.21	21314.	2226.	6.10	0.0270	816.	18.	0.13
MILE 412.08	595.97	47467.	1.87	25444.	2199.	6.42	0.0270	818.	19.	0.10
MILE 407.88	595.34	47855.	1.79	26703.	1843.	6.77	0.0270	818.	19.	0.08
MILE 403.67	594.99	48499.	1.84	26365.	1348.	7.27	0.0240	816.	22.	0.07
MILE 399.47	594.68	48966.	1.42	34532.	5425.	7.80	0.0220	818.	31.	0.10
MILE 395.26	594.47	49791.	1.49	33342.	9438.	9.42	0.0220	816.	36.	0.14

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MILE 391.06	594.24	51203.	1.27	40355.	2410.	7.40	0.0220	643.	28.	0.05
MILE 386.85	594.09	52351.	1.00	52373.	4865.	5.48	0.0210	469.	35.	0.05
MILE 382.64	593.97	53724.	0.77	69424.	8848.	5.67	0.0210	467.	31.	0.05
MILE 378.44	593.90	55009.	0.97	56651.	11548.	5.36	0.0210	467.	37.	0.08
MILE 374.23	593.87	50264.	0.52	96667.	13288.	6.22	0.0210	469.	35.	0.03
MILE 370.03	593.86	46086.	0.43	107193.	7782.	6.75	0.0210	469.	44.	0.02
MILE 365.82	593.84	45383.	0.37	121646.	7520.	6.69	0.0210	467.	41.	0.02
MILE 361.62	593.83	45144.	0.40	111565.	12234.	7.68	0.0210	469.	48.	0.02
MILE 357.41	593.83	44625.	0.33	134096.	23243.	7.76	0.0210	467.	57.	0.02
MILE 353.21	593.82	42780.	0.39	108557.	6525.	9.12	0.0230	469.	57.	0.02
MILE 349.00	593.80	42939.	0.38	114046.	3814.	9.64	0.0240	468.	59.	0.01

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.35	45200.	2.03	22310.	3956.	7.28	0.0230	2188.	22.	0.15
MILE 420.49	597.29	46921.	2.21	21274.	2232.	5.73	0.0230	759.	18.	0.13
MILE 416.28	596.84	47319.	2.22	21356.	2236.	6.11	0.0270	758.	18.	0.13
MILE 412.08	596.00	47781.	1.88	25481.	2204.	6.42	0.0270	759.	19.	0.10
MILE 407.88	595.36	48345.	1.81	26728.	1848.	6.77	0.0270	759.	19.	0.08
MILE 403.67	595.00	49103.	1.86	26378.	1348.	7.27	0.0240	758.	22.	0.07
MILE 399.47	594.68	50192.	1.45	34534.	5425.	7.80	0.0220	759.	31.	0.10
MILE 395.26	594.46	51365.	1.54	33332.	9434.	9.42	0.0220	758.	36.	0.14
MILE 391.06	594.23	52591.	1.30	40330.	2409.	7.40	0.0220	616.	28.	0.06
MILE 386.85	594.09	52342.	1.00	52376.	4866.	5.48	0.0210	472.	35.	0.05
MILE 382.64	593.99	51131.	0.74	69541.	8858.	5.67	0.0210	471.	31.	0.05
MILE 378.44	593.94	47807.	0.84	56873.	11572.	5.37	0.0210	471.	38.	0.07
MILE 374.23	593.91	45470.	0.47	96872.	13309.	6.23	0.0210	472.	35.	0.03
MILE 370.03	593.89	42423.	0.40	107368.	7793.	6.76	0.0210	472.	44.	0.02
MILE 365.82	593.86	41634.	0.34	121828.	7526.	6.70	0.0210	471.	41.	0.01
MILE 361.62	593.85	41198.	0.37	111656.	12245.	7.69	0.0210	472.	48.	0.02
MILE 357.41	593.83	42538.	0.32	134125.	23248.	7.76	0.0210	471.	57.	0.02
MILE 353.21	593.82	47558.	0.44	108538.	6524.	9.12	0.0230	472.	57.	0.02
MILE 349.00	593.78	49097.	0.43	113970.	3813.	9.64	0.0240	472.	59.	0.01

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.36	44900.	2.01	22323.	3965.	7.29	0.0230	2321.	22.	0.15
MILE 420.49	597.31	46848.	2.20	21308.	2240.	5.73	0.0230	906.	18.	0.13
MILE 416.28	596.86	47484.	2.22	21389.	2244.	6.12	0.0270	904.	18.	0.13

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MILE 412.08	596.02	48174.	1.89	25512.	2207.	6.43	0.0270	906.	19.	0.10
MILE 407.88	595.37	48932.	1.83	26745.	1852.	6.77	0.0270	906.	19.	0.08
MILE 403.67	595.01	49821.	1.89	26384.	1350.	7.27	0.0240	904.	22.	0.08
MILE 399.47	594.68	50691.	1.47	34531.	5425.	7.80	0.0220	906.	31.	0.10
MILE 395.26	594.47	51045.	1.53	33342.	9438.	9.42	0.0220	904.	36.	0.14
MILE 391.06	594.27	49891.	1.23	40431.	2413.	7.40	0.0220	719.	28.	0.05
MILE 386.85	594.14	49571.	0.94	52567.	4877.	5.49	0.0210	532.	35.	0.05
MILE 382.64	594.04	49291.	0.71	69775.	8877.	5.69	0.0210	530.	31.	0.04
MILE 378.44	593.97	48006.	0.84	57060.	11591.	5.37	0.0210	530.	38.	0.07
MILE 374.23	593.94	45920.	0.47	97052.	13328.	6.23	0.0210	532.	35.	0.03
MILE 370.03	593.90	45874.	0.43	107450.	7798.	6.76	0.0210	532.	44.	0.02
MILE 365.82	593.86	47128.	0.39	121784.	7525.	6.69	0.0210	530.	41.	0.02
MILE 361.62	593.83	48956.	0.44	111563.	12234.	7.68	0.0210	532.	48.	0.03
MILE 357.41	593.81	50135.	0.37	134000.	23226.	7.76	0.0210	530.	57.	0.03
MILE 353.21	593.80	52515.	0.48	108462.	6517.	9.12	0.0230	532.	57.	0.02
MILE 349.00	593.76	53543.	0.47	113894.	3813.	9.63	0.0240	532.	59.	0.02

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.36	44600.	2.00	22324.	3965.	7.29	0.0230	2269.	22.	0.15
MILE 420.49	597.32	46763.	2.19	21326.	2245.	5.74	0.0230	866.	18.	0.13
MILE 416.28	596.87	47578.	2.22	21407.	2248.	6.12	0.0270	864.	18.	0.13
MILE 412.08	596.03	48393.	1.90	25531.	2210.	6.43	0.0270	866.	19.	0.10
MILE 407.88	595.38	49091.	1.83	26762.	1856.	6.77	0.0270	866.	19.	0.09
MILE 403.67	595.02	49740.	1.88	26410.	1354.	7.27	0.0240	864.	22.	0.08
MILE 399.47	594.70	49472.	1.43	34574.	5431.	7.80	0.0220	866.	31.	0.10
MILE 395.26	594.50	49468.	1.48	33379.	9451.	9.43	0.0220	864.	36.	0.14
MILE 391.06	594.30	48905.	1.21	40521.	2417.	7.40	0.0220	953.	28.	0.05
MILE 386.85	594.17	49062.	0.93	52695.	4884.	5.49	0.0210	1038.	35.	0.05
MILE 382.64	594.07	49348.	0.71	69933.	8890.	5.69	0.0210	1035.	31.	0.04
MILE 378.44	593.99	49670.	0.87	57165.	11602.	5.37	0.0210	1035.	38.	0.07
MILE 374.23	593.94	51954.	0.54	97089.	13332.	6.23	0.0210	1038.	35.	0.03
MILE 370.03	593.91	53622.	0.50	107455.	7798.	6.76	0.0210	1038.	44.	0.02
MILE 365.82	593.85	54697.	0.45	121741.	7523.	6.69	0.0210	1035.	41.	0.02
MILE 361.62	593.82	55297.	0.50	111515.	12229.	7.68	0.0210	1038.	48.	0.03
MILE 357.41	593.80	55243.	0.41	133938.	23214.	7.76	0.0210	1035.	57.	0.03
MILE 353.21	593.80	53265.	0.49	108461.	6517.	9.12	0.0230	1038.	57.	0.02
MILE 349.00	593.78	53301.	0.47	113970.	3813.	9.64	0.0240	1037.	59.	0.02

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.40	45200.	2.02	22366.	3994.	7.29	0.0230	2463.	22.	0.15
MILE 420.49	597.35	47155.	2.21	21368.	2255.	5.74	0.0230	1073.	18.	0.13
MILE 416.28	596.90	47760.	2.23	21437.	2255.	6.12	0.0270	1071.	18.	0.13
MILE 412.08	596.05	48279.	1.89	25566.	2214.	6.43	0.0270	1073.	19.	0.10
MILE 407.88	595.41	48696.	1.82	26809.	1867.	6.78	0.0270	1073.	19.	0.08
MILE 403.67	595.05	49402.	1.87	26467.	1363.	7.28	0.0240	1071.	22.	0.07
MILE 399.47	594.74	49261.	1.42	34639.	5440.	7.81	0.0220	1073.	31.	0.10
MILE 395.26	594.53	49354.	1.48	33421.	9467.	9.43	0.0220	1071.	36.	0.14
MILE 391.06	594.32	49013.	1.21	40598.	2420.	7.41	0.0220	1227.	28.	0.05
MILE 386.85	594.19	50110.	0.95	52769.	4888.	5.49	0.0210	1377.	35.	0.05
MILE 382.64	594.08	51523.	0.74	69970.	8893.	5.69	0.0210	1374.	31.	0.05
MILE 378.44	593.99	53079.	0.93	57176.	11603.	5.37	0.0210	1374.	38.	0.07
MILE 374.23	593.94	54567.	0.56	97107.	13334.	6.24	0.0210	1377.	35.	0.04
MILE 370.03	593.91	55478.	0.52	107491.	7800.	6.76	0.0210	1377.	44.	0.02
MILE 365.82	593.86	55858.	0.46	121822.	7526.	6.70	0.0210	1374.	41.	0.02
MILE 361.62	593.84	55069.	0.49	111619.	12241.	7.69	0.0210	1377.	48.	0.03
MILE 357.41	593.83	54438.	0.41	134104.	23244.	7.76	0.0210	1374.	57.	0.03
MILE 353.21	593.82	51536.	0.47	108560.	6525.	9.12	0.0230	1377.	57.	0.02
MILE 349.00	593.80	51999.	0.46	114046.	3814.	9.64	0.0240	1377.	59.	0.01

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.44	45500.	2.03	22417.	4027.	7.30	0.0230	2615.	22.	0.15
MILE 420.49	597.39	47356.	2.21	21435.	2272.	5.75	0.0230	1212.	18.	0.13
MILE 416.28	596.94	47910.	2.23	21497.	2270.	6.13	0.0270	1209.	18.	0.13
MILE 412.08	596.10	48413.	1.89	25639.	2222.	6.45	0.0270	1212.	19.	0.10
MILE 407.88	595.46	48848.	1.82	26883.	1884.	6.79	0.0270	1212.	19.	0.08
MILE 403.67	595.10	49675.	1.87	26538.	1375.	7.28	0.0240	1209.	22.	0.08
MILE 399.47	594.78	49802.	1.43	34707.	5449.	7.81	0.0220	1212.	31.	0.10
MILE 395.26	594.56	50439.	1.51	33453.	9478.	9.43	0.0220	1209.	36.	0.14
MILE 391.06	594.33	51214.	1.26	40619.	2421.	7.41	0.0220	992.	28.	0.05
MILE 386.85	594.19	51884.	0.98	52768.	4888.	5.49	0.0210	772.	35.	0.05
MILE 382.64	594.08	52686.	0.75	69963.	8893.	5.69	0.0210	770.	31.	0.05
MILE 378.44	594.00	53467.	0.93	57186.	11604.	5.37	0.0210	770.	38.	0.07
MILE 374.23	593.95	53014.	0.55	97167.	13340.	6.24	0.0210	772.	35.	0.04
MILE 370.03	593.93	52606.	0.49	107590.	7806.	6.77	0.0210	772.	44.	0.02
MILE 365.82	593.89	52606.	0.43	121985.	7532.	6.70	0.0210	770.	41.	0.02
MILE 361.62	593.87	52392.	0.47	111751.	12256.	7.69	0.0210	772.	48.	0.03
MILE 357.41	593.85	53209.	0.40	134242.	23269.	7.76	0.0210	770.	57.	0.03
MILE 353.21	593.84	54471.	0.50	108617.	6530.	9.12	0.0230	772.	57.	0.02
MILE 349.00	593.80	55423.	0.49	114046.	3814.	9.64	0.0240	772.	59.	0.02

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TIME 16.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
MILE 424.70	598.49	45500.	2.03	22468.	4061.	7.31	0.0230	2854.	22.	0.15
MILE 420.49	597.44	47423.	2.20	21516.	2292.	5.77	0.0230	1436.	18.	0.13
MILE 416.28	596.99	48088.	2.23	21571.	2288.	6.15	0.0270	1433.	18.	0.13
MILE 412.08	596.15	48734.	1.89	25726.	2233.	6.46	0.0270	1436.	20.	0.10
MILE 407.88	595.51	49358.	1.83	26962.	1903.	6.80	0.0270	1436.	19.	0.09
MILE 403.67	595.14	50462.	1.90	26607.	1386.	7.29	0.0240	1433.	22.	0.08
MILE 399.47	594.81	51178.	1.47	34760.	5457.	7.82	0.0220	1436.	31.	0.10
MILE 395.26	594.58	52133.	1.56	33477.	9487.	9.44	0.0220	1433.	36.	0.15
MILE 391.06	594.35	52519.	1.29	40658.	2423.	7.41	0.0220	1177.	28.	0.06
MILE 386.85	594.20	52850.	1.00	52811.	4891.	5.50	0.0210	918.	35.	0.05
MILE 382.64	594.09	53039.	0.76	70016.	8897.	5.70	0.0210	916.	31.	0.05
MILE 378.44	594.01	52333.	0.91	57257.	11612.	5.37	0.0210	916.	38.	0.07
MILE 374.23	593.97	51650.	0.53	97251.	13349.	6.24	0.0210	918.	35.	0.03
MILE 370.03	593.94	51462.	0.48	107657.	7811.	6.77	0.0210	918.	44.	0.02
MILE 365.82	593.89	52413.	0.43	122027.	7533.	6.70	0.0210	916.	41.	0.02
MILE 361.62	593.87	54051.	0.48	111752.	12256.	7.69	0.0210	918.	48.	0.03
MILE 357.41	593.85	56075.	0.42	134210.	23263.	7.76	0.0210	916.	57.	0.03
MILE 353.21	593.83	59791.	0.55	108578.	6527.	9.12	0.0230	918.	57.	0.02
MILE 349.00	593.78	61463.	0.54	113970.	3813.	9.64	0.0240	918.	59.	0.02

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TIME 17.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
MILE 424.70	598.54	45500.	2.02	22528.	4101.	7.33	0.0230	3147.	23.	0.15
MILE 420.49	597.51	47555.	2.20	21611.	2316.	5.78	0.0230	1688.	19.	0.13
MILE 416.28	597.05	48380.	2.23	21655.	2308.	6.16	0.0270	1684.	18.	0.13
MILE 412.08	596.21	49244.	1.91	25818.	2244.	6.47	0.0270	1688.	20.	0.10
MILE 407.88	595.56	50111.	1.85	27040.	1921.	6.81	0.0270	1688.	19.	0.09
MILE 403.67	595.18	51424.	1.93	26676.	1398.	7.29	0.0240	1684.	22.	0.08
MILE 399.47	594.84	52034.	1.49	34819.	5465.	7.82	0.0220	1688.	31.	0.10
MILE 395.26	594.61	52663.	1.57	33516.	9501.	9.44	0.0220	1684.	36.	0.15
MILE 391.06	594.40	51363.	1.26	40807.	2429.	7.41	0.0220	2578.	28.	0.05
MILE 386.85	594.26	52974.	1.00	53039.	4904.	5.50	0.0210	3452.	35.	0.05
MILE 382.64	594.13	54380.	0.77	70263.	8918.	5.71	0.0210	3444.	31.	0.05
MILE 378.44	594.05	53766.	0.94	57448.	11632.	5.37	0.0210	3444.	38.	0.07
MILE 374.23	593.99	53917.	0.55	97416.	13366.	6.25	0.0210	3452.	35.	0.04
MILE 370.03	593.96	54597.	0.51	107780.	7818.	6.77	0.0210	3452.	44.	0.02
MILE 365.82	593.90	57137.	0.47	122088.	7535.	6.70	0.0210	3444.	41.	0.02

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MILE 361.62	593.87	59572.	0.53	111743.	12255.	7.69	0.0210	3452.	48.	0.03
MILE 357.41	593.84	62399.	0.47	134149.	23252.	7.76	0.0210	3444.	57.	0.03
MILE 353.21	593.81	66994.	0.62	108519.	6522.	9.12	0.0230	3452.	57.	0.03
MILE 349.00	593.75	71028.	0.62	113856.	3812.	9.63	0.0240	3452.	59.	0.02

ODATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.61	45500.	2.01	22601.	4149.	7.34	0.0230	3646.	23.	0.15
MILE 420.49	597.58	47751.	2.20	21726.	2344.	5.80	0.0230	2146.	19.	0.13
MILE 416.28	597.12	48775.	2.24	21757.	2332.	6.18	0.0270	2140.	18.	0.13
MILE 412.08	596.29	49788.	1.92	25931.	2257.	6.49	0.0270	2146.	20.	0.10
MILE 407.88	595.62	50666.	1.87	27146.	1945.	6.83	0.0270	2146.	19.	0.09
MILE 403.67	595.24	52098.	1.95	26780.	1415.	7.30	0.0240	2140.	22.	0.08
MILE 399.47	594.90	51799.	1.48	34926.	5480.	7.83	0.0220	2146.	31.	0.10
MILE 395.26	594.67	51950.	1.55	33591.	9528.	9.45	0.0220	2140.	36.	0.15
MILE 391.06	594.45	51192.	1.25	40953.	2435.	7.42	0.0220	2684.	28.	0.05
MILE 386.85	594.31	53068.	1.00	53231.	4915.	5.51	0.0210	3209.	35.	0.05
MILE 382.64	594.18	55288.	0.78	70514.	8938.	5.72	0.0210	3201.	31.	0.05
MILE 378.44	594.09	57220.	0.99	57689.	11657.	5.37	0.0210	3201.	38.	0.08
MILE 374.23	594.03	59005.	0.60	97628.	13388.	6.26	0.0210	3209.	36.	0.04
MILE 370.03	593.98	61001.	0.57	107912.	7826.	6.78	0.0210	3209.	44.	0.03
MILE 365.82	593.91	63920.	0.52	122139.	7537.	6.70	0.0210	3201.	41.	0.02
MILE 361.62	593.87	66085.	0.59	111780.	12259.	7.69	0.0210	3209.	48.	0.03
MILE 357.41	593.87	63484.	0.47	134354.	23289.	7.76	0.0210	3201.	57.	0.03
MILE 353.21	593.90	49752.	0.46	108869.	6550.	9.14	0.0230	3209.	57.	0.02
MILE 349.00	593.95	47990.	0.42	114616.	3818.	9.67	0.0240	3209.	59.	0.01

ODATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.69	45500.	2.01	22693.	4209.	7.36	0.0230	4236.	23.	0.15
MILE 420.49	597.67	47957.	2.19	21872.	2381.	5.83	0.0230	2656.	19.	0.13
MILE 416.28	597.22	49139.	2.25	21888.	2364.	6.20	0.0270	2649.	18.	0.13
MILE 412.08	596.39	50209.	1.92	26087.	2275.	6.51	0.0270	2656.	20.	0.10
MILE 407.88	595.72	51016.	1.87	27301.	1981.	6.85	0.0270	2656.	19.	0.09
MILE 403.67	595.33	52705.	1.96	26936.	1441.	7.31	0.0240	2649.	22.	0.08
MILE 399.47	594.98	52625.	1.50	35077.	5501.	7.84	0.0220	2656.	31.	0.10
MILE 395.26	594.74	53440.	1.59	33669.	9557.	9.46	0.0220	2649.	36.	0.15
MILE 391.06	594.49	53814.	1.31	41056.	2439.	7.42	0.0220	2220.	28.	0.06
MILE 386.85	594.33	55166.	1.03	53318.	4920.	5.51	0.0210	1784.	35.	0.06

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MILE 382.64	594.19	57006.	0.81	70576.	8944.	5.72	0.0210	1780.	31.	0.05
MILE 378.44	594.09	59339.	1.03	57713.	11660.	5.37	0.0210	1780.	38.	0.08
MILE 374.23	594.03	62191.	0.64	97674.	13392.	6.26	0.0210	1784.	36.	0.04
MILE 370.03	594.01	61785.	0.57	108089.	7837.	6.78	0.0210	1784.	44.	0.03
MILE 365.82	593.98	58224.	0.47	122667.	7554.	6.72	0.0210	1780.	41.	0.02
MILE 361.62	593.99	48616.	0.43	112381.	12327.	7.72	0.0210	1784.	48.	0.03
MILE 357.41	593.99	42878.	0.32	135129.	23428.	7.77	0.0210	1780.	57.	0.02
MILE 353.21	594.00	34059.	0.31	109252.	6581.	9.16	0.0230	1784.	57.	0.01
MILE 349.00	594.00	33210.	0.29	114806.	3820.	9.68	0.0240	1784.	59.	0.01

ODATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.99	50100.	2.18	23034.	4434.	7.42	0.0230	4470.	23.	0.17
MILE 420.49	597.88	51063.	2.30	22187.	2459.	5.88	0.0230	2809.	19.	0.14
MILE 416.28	597.37	50969.	2.31	22103.	2416.	6.24	0.0270	2802.	18.	0.13
MILE 412.08	596.51	51256.	1.95	26280.	2298.	6.54	0.0270	2809.	20.	0.10
MILE 407.88	595.83	52010.	1.89	27466.	2019.	6.87	0.0270	2809.	20.	0.09
MILE 403.67	595.42	53997.	1.99	27087.	1465.	7.32	0.0240	2802.	22.	0.08
MILE 399.47	595.05	54919.	1.56	35290.	5573.	7.82	0.0220	2809.	31.	0.11
MILE 395.26	594.79	56484.	1.67	33738.	9582.	9.47	0.0220	2802.	36.	0.16
MILE 391.06	594.53	56722.	1.38	41171.	2444.	7.42	0.0220	2781.	28.	0.06
MILE 386.85	594.35	58324.	1.09	53431.	4927.	5.52	0.0210	2747.	35.	0.06
MILE 382.64	594.21	59787.	0.85	70668.	8951.	5.73	0.0210	2740.	31.	0.05
MILE 378.44	594.13	58448.	1.01	57891.	11678.	5.37	0.0210	2740.	38.	0.08
MILE 374.23	594.11	49899.	0.51	98147.	13441.	6.28	0.0210	2747.	36.	0.03
MILE 370.03	594.11	42101.	0.39	108688.	7875.	6.81	0.0210	2747.	44.	0.02
MILE 365.82	594.09	40739.	0.33	123444.	7580.	6.74	0.0210	2740.	41.	0.01
MILE 361.62	594.09	38668.	0.34	112915.	12388.	7.74	0.0210	2747.	48.	0.02
MILE 357.41	594.08	37929.	0.28	135702.	23531.	7.78	0.0210	2740.	58.	0.02
MILE 353.21	594.07	36222.	0.33	109531.	6603.	9.17	0.0230	2747.	57.	0.01
MILE 349.00	594.03	38282.	0.33	114921.	3821.	9.69	0.0240	2747.	60.	0.01

ODATE 3-15-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.28	52900.	2.26	23364.	4652.	7.49	0.0230	4820.	23.	0.18
MILE 420.49	598.11	53568.	2.38	22552.	2550.	5.93	0.0230	3030.	19.	0.14
MILE 416.28	597.58	53309.	2.38	22392.	2485.	6.29	0.0270	3023.	18.	0.14
MILE 412.08	596.68	53572.	2.02	26544.	2329.	6.58	0.0270	3030.	20.	0.11
MILE 407.88	595.96	54222.	1.96	27668.	2066.	6.90	0.0270	3030.	20.	0.09

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MILE 403.67	595.52	56276.	2.07	27251.	1492.	7.33	0.0240	3023.	22.	0.09
MILE 399.47	595.12	56903.	1.60	35527.	5664.	7.79	0.0220	3030.	31.	0.11
MILE 395.26	594.85	58215.	1.72	33809.	9608.	9.48	0.0220	3023.	36.	0.16
MILE 391.06	594.58	58116.	1.41	41334.	2450.	7.43	0.0220	2817.	28.	0.06
MILE 386.85	594.42	58063.	1.08	53711.	4943.	5.53	0.0210	2599.	35.	0.06
MILE 382.64	594.31	56931.	0.80	71165.	8992.	5.75	0.0210	2593.	31.	0.05
MILE 378.44	594.24	51652.	0.88	58527.	11744.	5.38	0.0210	2593.	38.	0.07
MILE 374.23	594.21	46060.	0.47	98771.	13506.	6.30	0.0210	2599.	36.	0.03
MILE 370.03	594.19	40307.	0.37	109194.	7906.	6.83	0.0210	2599.	44.	0.02
MILE 365.82	594.15	40285.	0.33	123885.	7594.	6.75	0.0210	2593.	41.	0.01
MILE 361.62	594.13	40829.	0.36	113133.	12413.	7.75	0.0210	2599.	49.	0.02
MILE 357.41	594.11	43081.	0.32	135861.	23560.	7.78	0.0210	2593.	58.	0.02
MILE 353.21	594.08	49061.	0.45	109595.	6609.	9.17	0.0230	2599.	57.	0.02
MILE 349.00	594.03	52336.	0.46	114921.	3821.	9.69	0.0240	2599.	60.	0.01

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.84	61700.	2.57	24003.	5072.	7.61	0.0230	5311.	24.	0.21
MILE 420.49	598.49	59862.	2.59	23139.	2695.	6.03	0.0230	3393.	19.	0.16
MILE 416.28	597.86	57608.	2.53	22793.	2581.	6.35	0.0270	3385.	19.	0.15
MILE 412.08	596.88	56644.	2.11	26867.	2367.	6.62	0.0270	3393.	20.	0.11
MILE 407.88	596.11	56680.	2.03	27908.	2121.	6.93	0.0270	3393.	20.	0.10
MILE 403.67	595.64	58714.	2.14	27458.	1526.	7.34	0.0240	3385.	22.	0.09
MILE 399.47	595.22	58656.	1.64	35851.	5787.	7.76	0.0220	3393.	31.	0.12
MILE 395.26	594.94	59083.	1.74	33920.	9648.	9.49	0.0220	3385.	36.	0.16
MILE 391.06	594.69	56257.	1.35	41642.	2463.	7.44	0.0220	2853.	28.	0.06
MILE 386.85	594.54	55901.	1.03	54176.	4970.	5.55	0.0210	2312.	35.	0.06
MILE 382.64	594.41	55804.	0.78	71719.	9038.	5.77	0.0210	2307.	31.	0.05
MILE 378.44	594.33	53641.	0.91	58994.	11792.	5.38	0.0210	2307.	38.	0.07
MILE 374.23	594.28	51962.	0.52	99193.	13550.	6.32	0.0210	2312.	36.	0.03
MILE 370.03	594.23	52461.	0.48	109466.	7923.	6.84	0.0210	2312.	44.	0.02
MILE 365.82	594.17	54719.	0.44	123993.	7598.	6.75	0.0210	2307.	41.	0.02
MILE 361.62	594.13	56790.	0.50	113120.	12412.	7.75	0.0210	2312.	49.	0.03
MILE 357.41	594.09	58777.	0.43	135778.	23545.	7.78	0.0210	2307.	58.	0.03
MILE 353.21	594.07	62799.	0.57	109523.	6603.	9.17	0.0230	2312.	57.	0.02
MILE 349.00	594.00	65495.	0.57	114807.	3820.	9.68	0.0240	2312.	60.	0.02

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	600.30	66000.	2.69	24530.	5418.	7.70	0.0230	5768.	24.	0.22
MILE 420.49	598.89	64119.	2.70	23750.	2846.	6.12	0.0230	3702.	20.	0.16
MILE 416.28	598.21	61871.	2.66	23287.	2700.	6.44	0.0270	3693.	19.	0.16
MILE 412.08	597.17	60755.	2.22	27317.	2420.	6.69	0.0270	3702.	21.	0.12
MILE 407.88	596.33	60088.	2.13	28254.	2200.	6.98	0.0270	3702.	20.	0.10
MILE 403.67	595.82	61779.	2.23	27757.	1574.	7.36	0.0240	3693.	23.	0.09
MILE 399.47	595.36	59896.	1.65	36325.	5966.	7.71	0.0220	3702.	31.	0.12
MILE 395.26	595.06	59920.	1.76	34104.	9746.	9.50	0.0220	3693.	37.	0.17
MILE 391.06	594.79	58085.	1.39	41922.	2474.	7.44	0.0220	2946.	28.	0.06
MILE 386.85	594.62	58058.	1.07	54505.	4988.	5.56	0.0210	2192.	36.	0.06
MILE 382.64	594.48	58786.	0.82	72050.	9065.	5.79	0.0210	2187.	31.	0.05
MILE 378.44	594.37	59383.	1.00	59213.	11814.	5.39	0.0210	2187.	38.	0.08
MILE 374.23	594.30	62449.	0.63	99323.	13563.	6.32	0.0210	2192.	36.	0.04
MILE 370.03	594.24	65583.	0.60	109525.	7926.	6.84	0.0210	2192.	44.	0.03
MILE 365.82	594.16	68271.	0.55	123950.	7597.	6.75	0.0210	2187.	41.	0.02
MILE 361.62	594.12	70764.	0.63	113064.	12405.	7.75	0.0210	2192.	49.	0.04
MILE 357.41	594.09	72197.	0.53	135719.	23534.	7.78	0.0210	2187.	58.	0.04
MILE 353.21	594.07	71131.	0.65	109528.	6603.	9.17	0.0230	2192.	57.	0.03
MILE 349.00	594.02	72070.	0.63	114883.	3820.	9.69	0.0240	2192.	60.	0.02

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	600.75	69900.	2.79	25037.	5749.	7.80	0.0230	6540.	25.	0.24
MILE 420.49	599.29	67997.	2.79	24378.	3001.	6.22	0.0230	4326.	20.	0.17
MILE 416.28	598.58	65678.	2.76	23800.	2822.	6.52	0.0270	4315.	19.	0.17
MILE 412.08	597.49	64422.	2.32	27820.	2479.	6.76	0.0270	4326.	21.	0.12
MILE 407.88	596.59	63475.	2.21	28672.	2296.	7.04	0.0270	4326.	20.	0.11
MILE 403.67	596.04	65398.	2.32	28135.	1635.	7.39	0.0240	4315.	23.	0.10
MILE 399.47	595.53	63507.	1.72	36922.	6188.	7.66	0.0220	4326.	31.	0.12
MILE 395.26	595.19	64022.	1.86	34335.	9898.	9.50	0.0220	4315.	37.	0.18
MILE 391.06	594.88	62553.	1.48	42180.	2484.	7.45	0.0220	3532.	28.	0.06
MILE 386.85	594.68	63257.	1.16	54746.	5002.	5.57	0.0210	2738.	36.	0.06
MILE 382.64	594.51	64801.	0.90	72207.	9078.	5.80	0.0210	2732.	31.	0.06
MILE 378.44	594.38	66009.	1.11	59280.	11821.	5.39	0.0210	2732.	38.	0.09
MILE 374.23	594.30	68965.	0.69	99357.	13567.	6.32	0.0210	2738.	36.	0.05
MILE 370.03	594.25	71341.	0.65	109571.	7929.	6.84	0.0210	2738.	44.	0.03
MILE 365.82	594.17	73079.	0.59	124019.	7599.	6.75	0.0210	2732.	41.	0.03
MILE 361.62	594.14	73540.	0.65	113156.	12416.	7.75	0.0210	2738.	49.	0.04
MILE 357.41	594.11	73898.	0.54	135880.	23563.	7.78	0.0210	2732.	58.	0.04
MILE 353.21	594.10	70929.	0.65	109651.	6613.	9.18	0.0230	2738.	57.	0.03
MILE 349.00	594.06	72213.	0.63	115035.	3822.	9.70	0.0240	2738.	60.	0.02

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.26	75400.	2.94	25629.	6136.	7.90	0.0230	7734.	25.	0.25
MILE 420.49	599.74	72736.	2.90	25091.	3176.	6.33	0.0230	5321.	21.	0.18
MILE 416.28	598.98	69837.	2.87	24369.	2958.	6.61	0.0270	5309.	20.	0.18
MILE 412.08	597.85	68386.	2.41	28391.	2546.	6.84	0.0270	5321.	21.	0.13
MILE 407.88	596.90	67480.	2.31	29153.	2406.	7.10	0.0270	5321.	21.	0.12
MILE 403.67	596.29	70021.	2.45	28564.	1704.	7.41	0.0240	5309.	23.	0.11
MILE 399.47	595.71	68341.	1.82	37574.	6428.	7.60	0.0220	5321.	32.	0.13
MILE 395.26	595.33	69585.	2.01	34577.	10055.	9.51	0.0220	5309.	37.	0.19
MILE 391.06	594.96	69034.	1.63	42418.	2494.	7.46	0.0220	3798.	28.	0.07
MILE 386.85	594.72	69230.	1.26	54946.	5014.	5.58	0.0210	2282.	36.	0.07
MILE 382.64	594.53	70232.	0.97	72347.	9089.	5.80	0.0210	2277.	31.	0.06
MILE 378.44	594.40	70559.	1.19	59378.	11831.	5.39	0.0210	2277.	38.	0.09
MILE 374.23	594.32	70335.	0.71	99483.	13580.	6.33	0.0210	2282.	36.	0.05
MILE 370.03	594.28	70301.	0.64	109724.	7939.	6.85	0.0210	2282.	44.	0.03
MILE 365.82	594.21	71005.	0.57	124246.	7606.	6.76	0.0210	2277.	41.	0.02
MILE 361.62	594.18	70590.	0.62	113360.	12439.	7.76	0.0210	2282.	49.	0.04
MILE 357.41	594.16	70324.	0.52	136167.	23614.	7.79	0.0210	2277.	58.	0.04
MILE 353.21	594.15	67244.	0.61	109849.	6629.	9.18	0.0230	2282.	57.	0.03
MILE 349.00	594.12	68037.	0.59	115263.	3823.	9.71	0.0240	2282.	60.	0.02

0DATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.85	82100.	3.12	26301.	6572.	8.02	0.0230	8256.	26.	0.27
MILE 420.49	600.25	78458.	3.03	25885.	3371.	6.45	0.0230	5644.	21.	0.19
MILE 416.28	599.42	74820.	2.99	24998.	3107.	6.71	0.0270	5630.	20.	0.19
MILE 412.08	598.24	73151.	2.52	29011.	2618.	6.92	0.0270	5644.	22.	0.13
MILE 407.88	597.22	72313.	2.44	29659.	2521.	7.17	0.0270	5644.	21.	0.13
MILE 403.67	596.54	75159.	2.59	29007.	1774.	7.44	0.0240	5630.	23.	0.11
MILE 399.47	595.90	73889.	1.93	38247.	6671.	7.55	0.0220	5644.	32.	0.14
MILE 395.26	595.47	75602.	2.17	34821.	10213.	9.51	0.0220	5630.	37.	0.21
MILE 391.06	595.06	74702.	1.75	42682.	2501.	7.47	0.0220	4204.	29.	0.07
MILE 386.85	594.79	74613.	1.35	55229.	5030.	5.59	0.0210	2770.	36.	0.07
MILE 382.64	594.58	74887.	1.03	72606.	9111.	5.81	0.0210	2763.	31.	0.06
MILE 378.44	594.44	73014.	1.22	59611.	11855.	5.39	0.0210	2763.	38.	0.10
MILE 374.23	594.37	70932.	0.71	99749.	13607.	6.34	0.0210	2770.	36.	0.05
MILE 370.03	594.32	68628.	0.62	110007.	7956.	6.86	0.0210	2770.	44.	0.03
MILE 365.82	594.26	68561.	0.55	124610.	7618.	6.77	0.0210	2763.	41.	0.02
MILE 361.62	594.23	67216.	0.59	113632.	12470.	7.77	0.0210	2770.	49.	0.03
MILE 357.41	594.20	67738.	0.50	136451.	23665.	7.79	0.0210	2763.	58.	0.04
MILE 353.21	594.18	69194.	0.63	109966.	6638.	9.19	0.0230	2770.	57.	0.03

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MILE 349.00 594.12 71817. 0.62 115263. 3823. 9.71 0.0240 2770. 60. 0.02

0DATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.22	81800.	3.06	26727.	6849.	8.10	0.0230	9142.	26.	0.27
MILE 420.49	600.68	80516.	3.03	26557.	3535.	6.55	0.0230	6186.	22.	0.19
MILE 416.28	599.85	78684.	3.07	25602.	3250.	6.81	0.0270	6171.	21.	0.19
MILE 412.08	598.63	78013.	2.63	29642.	2691.	7.01	0.0270	6186.	22.	0.14
MILE 407.88	597.54	77487.	2.57	30181.	2639.	7.24	0.0270	6186.	21.	0.13
MILE 403.67	596.80	80631.	2.74	29464.	1846.	7.47	0.0240	6171.	23.	0.12
MILE 399.47	596.09	78933.	2.03	38940.	6918.	7.50	0.0220	6186.	32.	0.15
MILE 395.26	595.61	80578.	2.30	35084.	10383.	9.51	0.0220	6171.	37.	0.22
MILE 391.06	595.17	79086.	1.84	42990.	2506.	7.48	0.0220	4524.	29.	0.08
MILE 386.85	594.89	78674.	1.41	55614.	5051.	5.60	0.0210	2869.	36.	0.08
MILE 382.64	594.66	78630.	1.08	73015.	9144.	5.83	0.0210	2862.	31.	0.07
MILE 378.44	594.51	76003.	1.27	60005.	11895.	5.39	0.0210	2862.	38.	0.10
MILE 374.23	594.43	72442.	0.72	100173.	13651.	6.35	0.0210	2869.	36.	0.05
MILE 370.03	594.38	69912.	0.63	110364.	7979.	6.87	0.0210	2869.	44.	0.03
MILE 365.82	594.30	71103.	0.57	124915.	7628.	6.78	0.0210	2862.	41.	0.02
MILE 361.62	594.26	72306.	0.64	113794.	12488.	7.78	0.0210	2869.	49.	0.04
MILE 357.41	594.23	72997.	0.53	136624.	23696.	7.80	0.0210	2862.	58.	0.04
MILE 353.21	594.21	72467.	0.66	110092.	6649.	9.20	0.0230	2869.	57.	0.03
MILE 349.00	594.16	74423.	0.64	115415.	3825.	9.72	0.0240	2869.	60.	0.02

0DATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.88	92500.	3.36	27490.	7342.	8.23	0.0230	9844.	27.	0.31
MILE 420.49	601.20	88363.	3.23	27379.	3736.	6.67	0.0230	6545.	22.	0.21
MILE 416.28	600.27	84018.	3.20	26228.	3394.	6.89	0.0270	6529.	21.	0.20
MILE 412.08	599.01	82446.	2.73	30237.	2760.	7.09	0.0270	6545.	22.	0.15
MILE 407.88	597.86	82055.	2.67	30683.	2753.	7.30	0.0270	6545.	22.	0.14
MILE 403.67	597.06	85488.	2.86	29923.	1918.	7.50	0.0240	6529.	24.	0.13
MILE 399.47	596.30	83540.	2.10	39691.	7183.	7.45	0.0220	6545.	32.	0.16
MILE 395.26	595.77	85247.	2.41	35373.	10569.	9.52	0.0220	6529.	37.	0.23
MILE 391.06	595.30	83285.	1.92	43338.	2512.	7.49	0.0220	4742.	29.	0.08
MILE 386.85	595.00	82621.	1.47	56069.	5077.	5.62	0.0210	2947.	36.	0.08
MILE 382.64	594.76	82385.	1.12	73500.	9184.	5.85	0.0210	2940.	32.	0.07
MILE 378.44	594.59	79803.	1.32	60429.	11938.	5.40	0.0210	2940.	38.	0.10
MILE 374.23	594.49	78688.	0.78	100545.	13689.	6.37	0.0210	2947.	36.	0.05

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MILE 370.03	594.43	77513.	0.70	110673.	7998.	6.89	0.0210	2947.	44.	0.03
MILE 365.82	594.34	77997.	0.62	125213.	7638.	6.79	0.0210	2940.	41.	0.03
MILE 361.62	594.30	76995.	0.68	113999.	12512.	7.79	0.0210	2947.	49.	0.04
MILE 357.41	594.26	76889.	0.56	136841.	23734.	7.80	0.0210	2940.	58.	0.04
MILE 353.21	594.24	76187.	0.69	110209.	6658.	9.20	0.0230	2947.	57.	0.03
MILE 349.00	594.18	78181.	0.68	115491.	3825.	9.72	0.0240	2947.	60.	0.02

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.98	115400.	4.01	28765.	8163.	8.45	0.0230	10857.	28.	0.38
MILE 420.49	601.96	103677.	3.63	28568.	4026.	6.83	0.0230	7109.	23.	0.24
MILE 416.28	600.84	93636.	3.46	27081.	3584.	7.01	0.0270	7092.	22.	0.22
MILE 412.08	599.45	89249.	2.88	30950.	2842.	7.18	0.0270	7109.	23.	0.15
MILE 407.88	598.21	87377.	2.80	31241.	2879.	7.38	0.0270	7109.	22.	0.15
MILE 403.67	597.34	90664.	2.98	30417.	1994.	7.53	0.0240	7092.	24.	0.13
MILE 399.47	596.51	87908.	2.17	40486.	7458.	7.40	0.0220	7109.	32.	0.16
MILE 395.26	595.95	89634.	2.51	35684.	10768.	9.52	0.0220	7092.	37.	0.24
MILE 391.06	595.45	87447.	2.00	43724.	2518.	7.51	0.0220	5314.	29.	0.08
MILE 386.85	595.11	87266.	1.54	56570.	5084.	5.65	0.0210	3525.	36.	0.08
MILE 382.64	594.85	87675.	1.19	73980.	9224.	5.87	0.0210	3516.	32.	0.07
MILE 378.44	594.66	85612.	1.41	60831.	11978.	5.40	0.0210	3516.	38.	0.11
MILE 374.23	594.56	83372.	0.83	100958.	13732.	6.38	0.0210	3525.	36.	0.05
MILE 370.03	594.49	81828.	0.74	111045.	8021.	6.90	0.0210	3525.	44.	0.03
MILE 365.82	594.39	82873.	0.66	125569.	7650.	6.80	0.0210	3516.	41.	0.03
MILE 361.62	594.34	82845.	0.73	114228.	12538.	7.80	0.0210	3525.	49.	0.04
MILE 357.41	594.30	83381.	0.61	137092.	23779.	7.80	0.0210	3516.	58.	0.04
MILE 353.21	594.27	82434.	0.75	110344.	6669.	9.21	0.0230	3525.	57.	0.03
MILE 349.00	594.20	85000.	0.74	115567.	3826.	9.72	0.0240	3524.	60.	0.02

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.52	113900.	3.87	29397.	8568.	8.56	0.0230	12020.	29.	0.37
MILE 420.49	602.59	107453.	3.63	29569.	4268.	6.97	0.0230	7825.	24.	0.24
MILE 416.28	601.47	101292.	3.61	28038.	3796.	7.13	0.0270	7806.	22.	0.23
MILE 412.08	600.01	97750.	3.07	31841.	2945.	7.30	0.0270	7825.	23.	0.16
MILE 407.88	598.64	94794.	2.97	31945.	3038.	7.47	0.0270	7825.	22.	0.16
MILE 403.67	597.67	97753.	3.15	31019.	2087.	7.57	0.0240	7806.	24.	0.14
MILE 399.47	596.75	93191.	2.25	41409.	7773.	7.35	0.0220	7825.	33.	0.17
MILE 395.26	596.13	94828.	2.63	36021.	10981.	9.53	0.0220	7806.	38.	0.26

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MILE 391.06	595.59	92604.	2.10	44112.	2524.	7.53	0.0220	5710.	29.	0.09
MILE 386.85	595.23	92302.	1.62	57060.	5089.	5.68	0.0210	3602.	36.	0.09
MILE 382.64	594.94	92554.	1.24	74480.	9264.	5.90	0.0210	3594.	32.	0.08
MILE 378.44	594.74	90287.	1.47	61286.	12023.	5.41	0.0210	3594.	38.	0.11
MILE 374.23	594.63	88508.	0.87	101392.	13777.	6.40	0.0210	3602.	36.	0.06
MILE 370.03	594.55	87064.	0.78	111422.	8044.	6.91	0.0210	3602.	45.	0.04
MILE 365.82	594.44	88299.	0.70	125919.	7661.	6.81	0.0210	3594.	41.	0.03
MILE 361.62	594.38	89369.	0.78	114431.	12561.	7.80	0.0210	3602.	49.	0.05
MILE 357.41	594.32	93501.	0.68	137215.	23801.	7.80	0.0210	3594.	58.	0.05
MILE 353.21	594.26	101962.	0.92	110298.	6665.	9.21	0.0230	3602.	57.	0.04
MILE 349.00	594.12	107436.	0.93	115264.	3823.	9.71	0.0240	3602.	60.	0.03

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.90	111800.	3.75	29848.	8857.	8.63	0.0230	13265.	29.	0.36
MILE 420.49	603.11	109364.	3.60	30400.	4468.	7.09	0.0230	8570.	24.	0.24
MILE 416.28	602.00	105745.	3.66	28854.	3976.	7.23	0.0270	8550.	23.	0.24
MILE 412.08	600.51	103664.	3.17	32665.	3037.	7.41	0.0270	8570.	24.	0.17
MILE 407.88	599.09	101646.	3.11	32662.	3198.	7.56	0.0270	8570.	23.	0.17
MILE 403.67	598.03	105190.	3.32	31676.	2187.	7.61	0.0240	8550.	25.	0.15
MILE 399.47	597.03	99908.	2.35	42482.	8131.	7.30	0.0220	8570.	33.	0.18
MILE 395.26	596.34	101625.	2.79	36398.	11220.	9.54	0.0220	8550.	38.	0.27
MILE 391.06	595.75	98237.	2.20	44557.	2531.	7.54	0.0220	6306.	29.	0.09
MILE 386.85	595.36	97817.	1.70	57613.	5096.	5.72	0.0210	4050.	36.	0.09
MILE 382.64	595.05	98120.	1.31	75017.	9327.	5.92	0.0210	4040.	32.	0.08
MILE 378.44	594.82	95612.	1.55	61742.	12069.	5.41	0.0210	4040.	38.	0.12
MILE 374.23	594.69	94349.	0.93	101805.	13819.	6.42	0.0210	4050.	36.	0.06
MILE 370.03	594.60	95531.	0.86	111707.	8062.	6.93	0.0210	4050.	45.	0.04
MILE 365.82	594.45	99909.	0.79	125996.	7664.	6.81	0.0210	4040.	41.	0.03
MILE 361.62	594.36	106228.	0.93	114354.	12552.	7.80	0.0210	4050.	49.	0.05
MILE 357.41	594.29	112315.	0.82	137033.	23769.	7.80	0.0210	4040.	58.	0.06
MILE 353.21	594.23	120294.	1.09	110186.	6656.	9.20	0.0230	4050.	57.	0.05
MILE 349.00	594.08	125777.	1.09	115111.	3822.	9.70	0.0240	4049.	60.	0.04

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.46	118800.	3.89	30544.	9274.	8.72	0.0230	14565.	29.	0.38
MILE 420.49	603.65	115388.	3.69	31260.	4675.	7.20	0.0230	9370.	25.	0.25
MILE 416.28	602.49	110635.	3.74	29612.	4141.	7.32	0.0270	9348.	23.	0.25

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MILE 412.08	600.96	108729.	3.25	33419.	3122.	7.50	0.0270	9370.	24.	0.18
MILE 407.88	599.51	107482.	3.22	33337.	3349.	7.64	0.0270	9370.	23.	0.18
MILE 403.67	598.38	111723.	3.46	32321.	2284.	7.65	0.0240	9348.	25.	0.16
MILE 399.47	597.32	106217.	2.44	43613.	8502.	7.26	0.0220	9370.	33.	0.19
MILE 395.26	596.56	108291.	2.94	36812.	11480.	9.54	0.0220	9348.	38.	0.29
MILE 391.06	595.93	104998.	2.33	45025.	2539.	7.56	0.0220	6538.	29.	0.10
MILE 386.85	595.49	104213.	1.79	58181.	5102.	5.76	0.0210	3720.	36.	0.09
MILE 382.64	595.15	104450.	1.38	75551.	9413.	5.95	0.0210	3711.	32.	0.09
MILE 378.44	594.89	102957.	1.66	62126.	12107.	5.41	0.0210	3711.	38.	0.13
MILE 374.23	594.73	105950.	1.04	102019.	13842.	6.43	0.0210	3720.	36.	0.07
MILE 370.03	594.61	110018.	0.98	111781.	8066.	6.93	0.0210	3720.	45.	0.05
MILE 365.82	594.44	114353.	0.91	125874.	7660.	6.80	0.0210	3711.	41.	0.04
MILE 361.62	594.33	120400.	1.05	114189.	12533.	7.79	0.0210	3720.	49.	0.06
MILE 357.41	594.23	130417.	0.95	136657.	23701.	7.80	0.0210	3711.	58.	0.07
MILE 353.21	594.12	151290.	1.38	109751.	6621.	9.18	0.0230	3720.	57.	0.06
MILE 349.00	593.85	160789.	1.41	114237.	3815.	9.65	0.0240	3719.	59.	0.05

0DATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.83	116800.	3.77	31016.	9551.	8.78	0.0230	16144.	30.	0.37
MILE 420.49	604.11	116855.	3.65	32012.	4856.	7.30	0.0230	10500.	25.	0.25
MILE 416.28	602.98	114772.	3.78	30366.	4305.	7.41	0.0270	10475.	24.	0.25
MILE 412.08	601.42	114174.	3.34	34189.	3207.	7.60	0.0270	10500.	25.	0.18
MILE 407.88	599.93	113287.	3.33	34025.	3502.	7.73	0.0270	10500.	24.	0.19
MILE 403.67	598.74	118118.	3.58	32981.	2382.	7.69	0.0240	10475.	25.	0.17
MILE 399.47	597.61	112174.	2.50	44798.	8883.	7.22	0.0220	10500.	34.	0.20
MILE 395.26	596.80	114949.	3.09	37240.	11746.	9.55	0.0220	10475.	38.	0.31
MILE 391.06	596.11	111768.	2.46	45521.	2547.	7.58	0.0220	7606.	30.	0.10
MILE 386.85	595.63	111790.	1.90	58755.	5109.	5.79	0.0210	4722.	37.	0.10
MILE 382.64	595.24	113014.	1.49	76017.	9488.	5.97	0.0210	4711.	32.	0.09
MILE 378.44	594.94	112334.	1.80	62400.	12134.	5.42	0.0210	4711.	39.	0.14
MILE 374.23	594.75	115545.	1.13	102174.	13858.	6.43	0.0210	4722.	36.	0.07
MILE 370.03	594.61	122304.	1.09	111771.	8066.	6.93	0.0210	4722.	45.	0.05
MILE 365.82	594.38	130825.	1.04	125463.	7646.	6.79	0.0210	4711.	41.	0.05
MILE 361.62	594.24	144021.	1.27	113681.	12475.	7.77	0.0210	4722.	49.	0.07
MILE 357.41	594.12	155764.	1.15	135918.	23570.	7.79	0.0210	4711.	58.	0.08
MILE 353.21	594.02	171261.	1.57	109332.	6587.	9.16	0.0230	4722.	57.	0.07
MILE 349.00	593.74	179603.	1.58	113818.	3812.	9.63	0.0240	4722.	59.	0.05

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.19	116500.	3.70	31469.	9816.	8.83	0.0230	17254.	30.	0.36
MILE 420.49	604.54	118644.	3.63	32701.	5020.	7.39	0.0230	11160.	26.	0.25
MILE 416.28	603.41	117890.	3.80	31042.	4450.	7.49	0.0270	11133.	24.	0.25
MILE 412.08	601.85	118482.	3.39	34905.	3287.	7.68	0.0270	11160.	25.	0.18
MILE 407.88	600.34	118721.	3.40	34932.	3650.	7.74	0.0270	11160.	24.	0.19
MILE 403.67	599.08	124371.	3.70	33636.	2478.	7.73	0.0240	11133.	26.	0.18
MILE 399.47	597.91	118379.	2.57	46037.	9274.	7.18	0.0220	11160.	34.	0.20
MILE 395.26	597.04	121548.	3.22	37690.	12025.	9.56	0.0220	11133.	39.	0.32
MILE 391.06	596.32	117010.	2.54	46117.	2557.	7.61	0.0220	10116.	30.	0.11
MILE 386.85	595.81	119597.	2.01	59501.	5117.	5.84	0.0210	9053.	37.	0.10
MILE 382.64	595.36	122950.	1.60	76667.	9593.	6.01	0.0210	9032.	32.	0.10
MILE 378.44	595.01	122678.	1.95	62805.	12177.	5.42	0.0210	9032.	39.	0.15
MILE 374.23	594.78	129738.	1.27	102335.	13874.	6.44	0.0210	9053.	36.	0.08
MILE 370.03	594.61	138159.	1.24	111778.	8066.	6.93	0.0210	9053.	45.	0.06
MILE 365.82	594.34	147063.	1.17	125182.	7637.	6.79	0.0210	9032.	41.	0.05
MILE 361.62	594.18	157497.	1.39	113366.	12440.	7.76	0.0210	9053.	49.	0.08
MILE 357.41	594.02	173182.	1.28	135302.	23459.	7.78	0.0210	9032.	58.	0.09
MILE 353.21	593.86	202137.	1.86	108692.	6536.	9.13	0.0230	9053.	57.	0.08
MILE 349.00	593.40	219325.	1.95	112527.	3802.	9.56	0.0240	9052.	59.	0.06

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.47	114400.	3.59	31836.	10029.	8.88	0.0230	18168.	30.	0.36
MILE 420.49	604.91	119219.	3.58	33292.	5161.	7.47	0.0230	11559.	26.	0.25
MILE 416.28	603.80	120289.	3.80	31645.	4580.	7.56	0.0270	11531.	25.	0.25
MILE 412.08	602.24	122211.	3.44	35552.	3358.	7.76	0.0270	11559.	26.	0.19
MILE 407.88	600.71	123503.	3.45	35825.	3786.	7.75	0.0270	11559.	24.	0.20
MILE 403.67	599.41	129681.	3.79	34255.	2569.	7.76	0.0240	11531.	26.	0.18
MILE 399.47	598.21	123648.	2.62	47281.	9658.	7.15	0.0220	11559.	34.	0.21
MILE 395.26	597.29	127019.	3.33	38159.	12313.	9.57	0.0220	11531.	39.	0.33
MILE 391.06	596.51	124169.	2.66	46626.	2565.	7.63	0.0220	9195.	30.	0.11
MILE 386.85	595.95	126837.	2.11	60094.	5124.	5.88	0.0210	6830.	37.	0.11
MILE 382.64	595.47	131017.	1.70	77227.	9683.	6.03	0.0210	6814.	32.	0.11
MILE 378.44	595.08	134350.	2.13	63160.	12238.	5.44	0.0210	6814.	39.	0.17
MILE 374.23	594.82	140650.	1.37	102579.	13899.	6.45	0.0210	6830.	36.	0.09
MILE 370.03	594.61	150955.	1.35	111776.	8066.	6.93	0.0210	6830.	45.	0.06
MILE 365.82	594.27	162949.	1.31	124672.	7620.	6.77	0.0210	6814.	41.	0.06
MILE 361.62	594.06	181523.	1.61	112755.	12370.	7.73	0.0210	6830.	48.	0.09
MILE 357.41	593.88	198478.	1.48	134430.	23303.	7.76	0.0210	6814.	57.	0.11
MILE 353.21	593.74	218524.	2.02	108219.	6498.	9.10	0.0230	6830.	57.	0.09
MILE 349.00	593.30	229593.	2.05	112145.	3799.	9.54	0.0240	6830.	59.	0.07

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TIME 12.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	607.48	144700.	4.37	33145.	10785.	9.03	0.0230	18945. 31. 0.44
MILE 420.49	605.55	135148.	3.93	34366.	5409.	7.31	0.0230	11821. 27. 0.27
MILE 416.28	604.24	128109.	3.96	32344.	4729.	7.64	0.0270	11792. 25. 0.27
MILE 412.08	602.61	126717.	3.50	36170.	3427.	7.83	0.0270	11821. 26. 0.19
MILE 407.88	601.06	127719.	3.48	36652.	3910.	7.75	0.0270	11821. 25. 0.20
MILE 403.67	599.71	134222.	3.85	34831.	2652.	7.80	0.0240	11792. 26. 0.19
MILE 399.47	598.49	128922.	2.66	48491.	10025.	7.12	0.0220	11821. 34. 0.21
MILE 395.26	597.51	133576.	3.46	38581.	12570.	9.58	0.0220	11792. 39. 0.35
MILE 391.06	596.66	132730.	2.82	47046.	2571.	7.64	0.0220	8933. 30. 0.12
MILE 386.85	596.05	135114.	2.23	60534.	5129.	5.91	0.0210	6051. 37. 0.11
MILE 382.64	595.53	138803.	1.79	77551.	9735.	6.05	0.0210	6037. 32. 0.11
MILE 378.44	595.10	142209.	2.25	63261.	12255.	5.45	0.0210	6037. 39. 0.17
MILE 374.23	594.79	154224.	1.51	102421.	13883.	6.44	0.0210	6051. 36. 0.10
MILE 370.03	594.56	168147.	1.51	111438.	8045.	6.92	0.0210	6051. 45. 0.07
MILE 365.82	594.17	178111.	1.44	123966.	7597.	6.75	0.0210	6037. 41. 0.06
MILE 361.62	593.96	189380.	1.69	112237.	12311.	7.71	0.0210	6051. 48. 0.10
MILE 357.41	593.81	197298.	1.47	133950.	23217.	7.76	0.0210	6037. 57. 0.11
MILE 353.21	593.73	197727.	1.83	108190.	6495.	9.10	0.0230	6051. 57. 0.08
MILE 349.00	593.46	200650.	1.78	112752.	3804.	9.57	0.0240	6051. 59. 0.06

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TIME 13.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	608.49	162500.	4.71	34466.	11537.	9.18	0.0230	20096. 32. 0.48
MILE 420.49	606.34	147857.	4.13	35778.	5710.	7.10	0.0230	12320. 27. 0.29
MILE 416.28	604.87	138752.	4.16	33348.	4942.	7.76	0.0270	12290. 26. 0.28
MILE 412.08	603.10	135556.	3.66	36994.	3517.	7.93	0.0270	12320. 27. 0.20
MILE 407.88	601.45	134384.	3.57	37612.	4052.	7.76	0.0270	12320. 25. 0.21
MILE 403.67	600.02	140304.	3.96	35471.	2738.	7.81	0.0240	12290. 27. 0.19
MILE 399.47	598.76	134923.	2.72	49645.	10369.	7.10	0.0220	12320. 35. 0.22
MILE 395.26	597.71	140202.	3.60	38967.	12805.	9.58	0.0220	12290. 39. 0.36
MILE 391.06	596.79	140659.	2.97	47417.	2577.	7.66	0.0220	8735. 30. 0.12
MILE 386.85	596.13	142837.	2.35	60881.	5133.	5.93	0.0210	5165. 37. 0.12
MILE 382.64	595.56	146686.	1.89	77729.	9763.	6.06	0.0210	5153. 32. 0.12
MILE 378.44	595.09	151371.	2.39	63203.	12246.	5.44	0.0210	5153. 39. 0.19
MILE 374.23	594.76	160991.	1.58	102204.	13861.	6.43	0.0210	5165. 36. 0.10
MILE 370.03	594.52	170050.	1.53	111226.	8032.	6.91	0.0210	5165. 45. 0.07
MILE 365.82	594.14	175336.	1.42	123799.	7592.	6.75	0.0210	5153. 41. 0.06

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MILE 361.62	593.97	178168.	1.59	112266.	12314.	7.71	0.0210	5165.	48.	0.09
MILE 357.41	593.83	182622.	1.36	134082.	23240.	7.76	0.0210	5153.	57.	0.10
MILE 353.21	593.72	189284.	1.75	108147.	6492.	9.10	0.0230	5165.	57.	0.08
MILE 349.00	593.40	195204.	1.73	112525.	3802.	9.56	0.0240	5165.	59.	0.06

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.10	160200.	4.54	35275.	11993.	9.27	0.0230	21111.	33.	0.47
MILE 420.49	607.03	152124.	4.10	37122.	5975.	6.96	0.0230	12682.	28.	0.29
MILE 416.28	605.53	145609.	4.20	34671.	5163.	7.67	0.0270	12652.	26.	0.29
MILE 412.08	603.65	144168.	3.80	37930.	3619.	8.04	0.0270	12682.	27.	0.21
MILE 407.88	601.91	142421.	3.67	38760.	4219.	7.78	0.0270	12682.	26.	0.21
MILE 403.67	600.37	147659.	4.01	36852.	2834.	7.58	0.0240	12652.	27.	0.20
MILE 399.47	599.03	141888.	2.79	50835.	10718.	7.09	0.0220	12682.	35.	0.23
MILE 395.26	597.91	147498.	3.75	39336.	13027.	9.59	0.0220	12652.	39.	0.38
MILE 391.06	596.91	148318.	3.10	47771.	2583.	7.67	0.0220	9028.	30.	0.13
MILE 386.85	596.21	150437.	2.46	61202.	5137.	5.95	0.0210	5390.	37.	0.13
MILE 382.64	595.59	153804.	1.97	77896.	9790.	6.07	0.0210	5377.	32.	0.12
MILE 378.44	595.09	156376.	2.47	63242.	12252.	5.44	0.0210	5377.	39.	0.19
MILE 374.23	594.77	159924.	1.56	102259.	13866.	6.43	0.0210	5390.	36.	0.10
MILE 370.03	594.54	163512.	1.47	111338.	8039.	6.91	0.0210	5390.	45.	0.07
MILE 365.82	594.16	169237.	1.37	123944.	7596.	6.75	0.0210	5377.	41.	0.06
MILE 361.62	593.97	175994.	1.57	112304.	12319.	7.71	0.0210	5390.	48.	0.09
MILE 357.41	593.83	180850.	1.35	134096.	23243.	7.76	0.0210	5377.	57.	0.10
MILE 353.21	593.74	183044.	1.69	108236.	6499.	9.11	0.0230	5390.	57.	0.07
MILE 349.00	593.47	187166.	1.66	112791.	3804.	9.57	0.0240	5389.	59.	0.05

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.06	180600.	4.94	36584.	12713.	9.40	0.0230	22847.	34.	0.51
MILE 420.49	607.81	165411.	4.27	38759.	6276.	6.82	0.0230	13058.	29.	0.30
MILE 416.28	606.17	154059.	4.27	36091.	5380.	7.56	0.0270	13026.	27.	0.29
MILE 412.08	604.19	151035.	3.89	38844.	3719.	8.15	0.0270	13058.	28.	0.21
MILE 407.88	602.37	149639.	3.75	39938.	4386.	7.79	0.0270	13058.	26.	0.22
MILE 403.67	600.73	155380.	4.05	38333.	2933.	7.38	0.0240	13026.	27.	0.20
MILE 399.47	599.31	149298.	2.87	52096.	11081.	7.07	0.0220	13058.	35.	0.23
MILE 395.26	598.10	155055.	3.90	39716.	13254.	9.60	0.0220	13026.	40.	0.40
MILE 391.06	597.05	155241.	3.22	48165.	2589.	7.69	0.0220	9272.	31.	0.13
MILE 386.85	596.30	156884.	2.55	61612.	5142.	5.98	0.0210	5503.	37.	0.13

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MILE 382.64	595.66	159379.	2.04	78234.	9845.	6.09	0.0210	5490.	32.	0.13
MILE 378.44	595.14	159803.	2.52	63485.	12294.	5.46	0.0210	5490.	39.	0.20
MILE 374.23	594.80	162452.	1.59	102472.	13888.	6.44	0.0210	5503.	36.	0.10
MILE 370.03	594.56	165662.	1.49	111483.	8048.	6.92	0.0210	5503.	45.	0.07
MILE 365.82	594.18	169531.	1.37	124093.	7601.	6.76	0.0210	5490.	41.	0.06
MILE 361.62	594.00	172036.	1.53	112458.	12336.	7.72	0.0210	5503.	48.	0.09
MILE 357.41	593.86	175693.	1.31	134307.	23281.	7.76	0.0210	5490.	57.	0.10
MILE 353.21	593.77	179929.	1.66	108333.	6507.	9.11	0.0230	5503.	57.	0.07
MILE 349.00	593.48	185088.	1.64	112829.	3804.	9.57	0.0240	5503.	59.	0.05

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.68	178400.	4.74	37603.	13178.	9.45	0.0230	24457.	35.	0.49
MILE 420.49	608.50	170410.	4.23	40310.	6543.	6.73	0.0230	13307.	30.	0.30
MILE 416.28	606.85	162208.	4.31	37656.	5608.	7.46	0.0270	13275.	28.	0.29
MILE 412.08	604.76	159660.	4.01	39800.	3823.	8.25	0.0270	13307.	28.	0.22
MILE 407.88	602.85	157854.	3.83	41166.	4557.	7.81	0.0270	13307.	27.	0.22
MILE 403.67	601.09	163401.	4.10	39892.	3034.	7.21	0.0240	13275.	28.	0.20
MILE 399.47	599.60	156523.	2.93	53405.	11452.	7.05	0.0220	13307.	35.	0.24
MILE 395.26	598.31	162193.	4.04	40120.	13495.	9.61	0.0220	13275.	40.	0.41
MILE 391.06	597.21	161539.	3.32	48615.	2596.	7.70	0.0220	9439.	31.	0.14
MILE 386.85	596.42	162906.	2.62	62123.	5148.	6.01	0.0210	5590.	37.	0.13
MILE 382.64	595.74	165113.	2.10	78698.	9919.	6.11	0.0210	5577.	33.	0.13
MILE 378.44	595.20	164784.	2.58	63808.	12349.	5.47	0.0210	5577.	39.	0.20
MILE 374.23	594.85	165390.	1.61	102800.	13922.	6.46	0.0210	5590.	36.	0.10
MILE 370.03	594.62	166574.	1.49	111793.	8067.	6.93	0.0210	5590.	45.	0.07
MILE 365.82	594.23	170353.	1.37	124411.	7612.	6.77	0.0210	5577.	41.	0.06
MILE 361.62	594.04	173890.	1.54	112644.	12357.	7.73	0.0210	5590.	48.	0.09
MILE 357.41	593.89	178369.	1.33	134464.	23309.	7.76	0.0210	5577.	57.	0.10
MILE 353.21	593.78	183421.	1.69	108392.	6512.	9.11	0.0230	5590.	57.	0.07
MILE 349.00	593.47	189258.	1.68	112791.	3804.	9.57	0.0240	5590.	59.	0.05

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.22	178400.	4.63	38504.	13583.	9.49	0.0230	27290.	35.	0.48
MILE 420.49	609.13	175633.	4.20	41775.	6782.	6.66	0.0230	13515.	30.	0.30
MILE 416.28	607.49	168741.	4.30	39199.	5823.	7.39	0.0270	13483.	28.	0.29
MILE 412.08	605.23	166866.	4.10	40718.	3910.	8.32	0.0270	13515.	29.	0.22
MILE 407.88	603.29	165536.	3.91	42340.	4718.	7.83	0.0270	13515.	27.	0.23

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MILE 403.67	601.46	171432.	4.13	41496.	3135.	7.06	0.0240	13483.	28.	0.20
MILE 399.47	599.90	163723.	2.99	54784.	11836.	7.04	0.0220	13515.	36.	0.24
MILE 395.26	598.53	169249.	4.17	40550.	13749.	9.62	0.0220	13483.	40.	0.43
MILE 391.06	597.38	167803.	3.42	49108.	2604.	7.72	0.0220	9642.	31.	0.14
MILE 386.85	596.56	169014.	2.70	62696.	5154.	6.04	0.0210	5789.	37.	0.14
MILE 382.64	595.85	170917.	2.16	79248.	10007.	6.14	0.0210	5775.	33.	0.14
MILE 378.44	595.29	169545.	2.64	64240.	12423.	5.49	0.0210	5775.	39.	0.20
MILE 374.23	594.92	169661.	1.64	103227.	13966.	6.47	0.0210	5789.	36.	0.11
MILE 370.03	594.67	170883.	1.52	112135.	8088.	6.94	0.0210	5789.	45.	0.07
MILE 365.82	594.27	174903.	1.40	124675.	7620.	6.77	0.0210	5775.	41.	0.06
MILE 361.62	594.06	178921.	1.59	112776.	12372.	7.73	0.0210	5789.	48.	0.09
MILE 357.41	593.90	184032.	1.37	134559.	23326.	7.76	0.0210	5775.	57.	0.10
MILE 353.21	593.79	190165.	1.75	108417.	6514.	9.11	0.0230	5789.	57.	0.08
MILE 349.00	593.45	196495.	1.74	112715.	3803.	9.57	0.0240	5788.	59.	0.06

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.72	178800.	4.54	39345.	13956.	9.52	0.0230	30164.	36.	0.48
MILE 420.49	609.69	180514.	4.18	43167.	6998.	6.61	0.0230	13764.	31.	0.30
MILE 416.28	608.06	174738.	4.30	40638.	6016.	7.34	0.0270	13731.	29.	0.29
MILE 412.08	605.67	173546.	4.16	41692.	3991.	8.36	0.0270	13764.	29.	0.23
MILE 407.88	603.71	173129.	3.98	43466.	4870.	7.84	0.0270	13764.	27.	0.23
MILE 403.67	601.85	179319.	4.14	43315.	3245.	6.93	0.0240	13731.	29.	0.20
MILE 399.47	600.17	170224.	3.04	56026.	12196.	7.02	0.0220	13764.	36.	0.25
MILE 395.26	598.76	175854.	4.29	40996.	14012.	9.63	0.0220	13731.	40.	0.44
MILE 391.06	597.57	173823.	3.50	49649.	2612.	7.74	0.0220	10034.	31.	0.14
MILE 386.85	596.71	175176.	2.77	63352.	5162.	6.09	0.0210	6320.	38.	0.14
MILE 382.64	595.97	177152.	2.22	79897.	10111.	6.17	0.0210	6305.	33.	0.14
MILE 378.44	595.38	175377.	2.71	64735.	12507.	5.52	0.0210	6305.	39.	0.21
MILE 374.23	595.00	175518.	1.69	103698.	14015.	6.49	0.0210	6320.	36.	0.11
MILE 370.03	594.73	176937.	1.57	112508.	8111.	6.96	0.0210	6320.	45.	0.07
MILE 365.82	594.30	181268.	1.45	124940.	7629.	6.78	0.0210	6305.	41.	0.06
MILE 361.62	594.09	185241.	1.64	112905.	12387.	7.74	0.0210	6320.	48.	0.10
MILE 357.41	593.92	189208.	1.40	134687.	23349.	7.77	0.0210	6305.	57.	0.10
MILE 353.21	593.82	190739.	1.76	108540.	6524.	9.12	0.0230	6320.	57.	0.08
MILE 349.00	593.50	195870.	1.73	112905.	3805.	9.58	0.0240	6320.	59.	0.06

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	612.27	184100.	4.57	40285.	14367.	9.56	0.0230	32600.	36.	0.48
MILE 420.49	610.24	186924.	4.17	44866.	7210.	6.47	0.0230	13880.	31.	0.29
MILE 416.28	608.59	181322.	4.31	42025.	6195.	7.30	0.0270	13847.	29.	0.29
MILE 412.08	606.09	180313.	4.23	42651.	4070.	8.40	0.0270	13880.	29.	0.23
MILE 407.88	604.13	180252.	4.04	44602.	5020.	7.86	0.0270	13880.	28.	0.24
MILE 403.67	602.24	186697.	4.13	45164.	3353.	6.82	0.0240	13847.	29.	0.20
MILE 399.47	600.44	176713.	3.09	57199.	12542.	6.98	0.0220	13880.	36.	0.25
MILE 395.26	598.98	182189.	4.40	41438.	14270.	9.64	0.0220	13847.	40.	0.45
MILE 391.06	597.76	179920.	3.59	50186.	2620.	7.76	0.0220	10000.	31.	0.14
MILE 386.85	596.87	181297.	2.83	64012.	5170.	6.13	0.0210	6139.	38.	0.14
MILE 382.64	596.10	183338.	2.28	80574.	10220.	6.20	0.0210	6124.	33.	0.14
MILE 378.44	595.48	181766.	2.79	65261.	12597.	5.54	0.0210	6124.	39.	0.22
MILE 374.23	595.08	181942.	1.75	104200.	14035.	6.51	0.0210	6139.	37.	0.11
MILE 370.03	594.80	182833.	1.62	112913.	8136.	6.97	0.0210	6139.	45.	0.08
MILE 365.82	594.35	186081.	1.49	125298.	7641.	6.79	0.0210	6124.	41.	0.06
MILE 361.62	594.14	187728.	1.66	113159.	12416.	7.75	0.0210	6139.	49.	0.10
MILE 357.41	593.97	190140.	1.41	134996.	23405.	7.77	0.0210	6124.	57.	0.10
MILE 353.21	593.87	190144.	1.75	108732.	6539.	9.13	0.0230	6139.	57.	0.08
MILE 349.00	593.55	194750.	1.72	113095.	3806.	9.59	0.0240	6138.	59.	0.06

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.75	184100.	4.48	41108.	14723.	9.60	0.0230	34981.	37.	0.47
MILE 420.49	610.76	190833.	4.07	46933.	7409.	6.26	0.0230	13941.	32.	0.28
MILE 416.28	609.10	187091.	4.31	43386.	6365.	7.27	0.0270	13908.	30.	0.29
MILE 412.08	606.51	186984.	4.29	43597.	4147.	8.44	0.0270	13941.	30.	0.23
MILE 407.88	604.53	187297.	4.10	45712.	5165.	7.88	0.0270	13941.	28.	0.24
MILE 403.67	602.62	193851.	4.12	46996.	3456.	6.74	0.0240	13908.	29.	0.20
MILE 399.47	600.70	183224.	3.14	58371.	12881.	6.95	0.0220	13941.	37.	0.26
MILE 395.26	599.20	188704.	4.51	41871.	14521.	9.65	0.0220	13908.	41.	0.47
MILE 391.06	597.94	186117.	3.67	50720.	2629.	7.78	0.0220	10134.	31.	0.15
MILE 386.85	597.02	187574.	2.90	64671.	5177.	6.17	0.0210	6346.	38.	0.14
MILE 382.64	596.23	189666.	2.33	81249.	10329.	6.24	0.0210	6331.	33.	0.15
MILE 378.44	595.58	187777.	2.85	65796.	12688.	5.57	0.0210	6331.	39.	0.22
MILE 374.23	595.16	186751.	1.78	104758.	14055.	6.53	0.0210	6346.	37.	0.12
MILE 370.03	594.88	186169.	1.64	113417.	8168.	6.99	0.0210	6346.	45.	0.08
MILE 365.82	594.43	188975.	1.50	125807.	7658.	6.80	0.0210	6331.	41.	0.07
MILE 361.62	594.20	190109.	1.67	113500.	12455.	7.76	0.0210	6346.	49.	0.10
MILE 357.41	594.03	192387.	1.42	135364.	23471.	7.78	0.0210	6331.	58.	0.10
MILE 353.21	593.92	193233.	1.77	108928.	6555.	9.14	0.0230	6346.	57.	0.08
MILE 349.00	593.58	198485.	1.75	113209.	3807.	9.60	0.0240	6345.	59.	0.06

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.26	189400.	4.51	42010.	15108.	9.64	0.0230	37212.	37.	0.48
MILE 420.49	611.27	197858.	4.03	49123.	7607.	6.09	0.0230	14002.	32.	0.28
MILE 416.28	609.58	193361.	4.32	44717.	6526.	7.24	0.0270	13968.	30.	0.29
MILE 412.08	606.91	193299.	4.34	44515.	4221.	8.48	0.0270	14002.	30.	0.24
MILE 407.88	604.91	193944.	4.14	46791.	5303.	7.91	0.0270	14002.	29.	0.25
MILE 403.67	602.98	200743.	4.11	48803.	3556.	6.67	0.0240	13968.	30.	0.20
MILE 399.47	600.96	189714.	3.19	59547.	13214.	6.93	0.0220	14002.	37.	0.26
MILE 395.26	599.41	195157.	4.61	42297.	14768.	9.66	0.0220	13968.	41.	0.48
MILE 391.06	598.12	192310.	3.75	51251.	2637.	7.80	0.0220	10157.	32.	0.15
MILE 386.85	597.18	193740.	2.97	65331.	5185.	6.21	0.0210	6331.	38.	0.15
MILE 382.64	596.36	195716.	2.39	81949.	10441.	6.27	0.0210	6316.	33.	0.15
MILE 378.44	595.69	193311.	2.91	66382.	12787.	5.60	0.0210	6316.	39.	0.23
MILE 374.23	595.26	191339.	1.82	105386.	14079.	6.55	0.0210	6331.	37.	0.12
MILE 370.03	594.97	190122.	1.67	113966.	8202.	7.01	0.0210	6331.	45.	0.08
MILE 365.82	594.50	192955.	1.53	126335.	7675.	6.82	0.0210	6316.	41.	0.07
MILE 361.62	594.27	194606.	1.71	113835.	12493.	7.78	0.0210	6331.	49.	0.10
MILE 357.41	594.08	197489.	1.46	135710.	23532.	7.78	0.0210	6316.	58.	0.11
MILE 353.21	593.96	199641.	1.83	109106.	6569.	9.15	0.0230	6331.	57.	0.08
MILE 349.00	593.60	205271.	1.81	113285.	3808.	9.60	0.0240	6331.	59.	0.06

ODATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.78	195600.	4.56	42925.	15494.	9.68	0.0230	39080.	38.	0.48
MILE 420.49	611.78	206281.	4.01	51410.	7802.	5.96	0.0230	13700.	33.	0.28
MILE 416.28	610.05	200113.	4.34	46144.	6686.	7.18	0.0270	13668.	31.	0.29
MILE 412.08	607.30	199967.	4.40	45423.	4294.	8.51	0.0270	13700.	31.	0.24
MILE 407.88	605.28	200306.	4.16	48154.	5436.	7.83	0.0270	13700.	29.	0.25
MILE 403.67	603.31	207271.	4.10	50551.	3649.	6.61	0.0240	13668.	30.	0.19
MILE 399.47	601.22	196105.	3.23	60731.	13544.	6.90	0.0220	13700.	37.	0.27
MILE 395.26	599.62	201477.	4.72	42710.	15004.	9.67	0.0220	13668.	41.	0.49
MILE 391.06	598.30	198358.	3.83	51770.	2645.	7.82	0.0220	9967.	32.	0.15
MILE 386.85	597.33	199721.	3.03	65990.	5192.	6.25	0.0210	6251.	38.	0.15
MILE 382.64	596.50	201568.	2.44	82666.	10556.	6.31	0.0210	6236.	33.	0.15
MILE 378.44	595.81	198842.	2.97	66987.	12890.	5.63	0.0210	6236.	39.	0.23
MILE 374.23	595.36	196827.	1.86	106026.	14102.	6.58	0.0210	6251.	37.	0.12
MILE 370.03	595.06	195825.	1.71	114513.	8220.	7.03	0.0210	6251.	45.	0.08
MILE 365.82	594.57	198739.	1.57	126830.	7691.	6.83	0.0210	6236.	41.	0.07
MILE 361.62	594.33	200270.	1.75	114148.	12529.	7.79	0.0210	6251.	49.	0.10
MILE 357.41	594.15	201257.	1.48	136098.	23602.	7.79	0.0210	6236.	58.	0.11
MILE 353.21	594.04	196554.	1.80	109434.	6596.	9.16	0.0230	6251.	57.	0.08

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MILE 349.00 593.73 199460. 1.75 113779. 3812. 9.63 0.0240 6251. 59. 0.06

0DATE 3-16-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE								
MILE 424.70	614.18	195600.	4.48	43635.	15791.	9.71	0.0230	40214.	38. 0.48
MILE 420.49	612.23	210164.	3.92	53555.	7975.	5.87	0.0230	13399.	33. 0.27
MILE 416.28	610.50	202447.	4.21	48111.	6837.	6.82	0.0270	13367.	31. 0.28
MILE 412.08	607.67	204779.	4.42	46285.	4362.	8.55	0.0270	13399.	31. 0.24
MILE 407.88	605.63	206305.	4.16	49591.	5563.	7.74	0.0270	13399.	29. 0.25
MILE 403.67	603.63	213308.	4.08	52247.	3737.	6.57	0.0240	13367.	30. 0.19
MILE 399.47	601.46	202232.	3.27	61896.	13863.	6.88	0.0220	13399.	37. 0.27
MILE 395.26	599.82	207496.	4.81	43111.	15234.	9.68	0.0220	13367.	41. 0.50
MILE 391.06	598.47	204216.	3.91	52278.	2652.	7.84	0.0220	9721.	32. 0.16
MILE 386.85	597.48	205526.	3.08	66635.	5200.	6.29	0.0210	6060.	38. 0.15
MILE 382.64	596.63	207314.	2.49	83373.	10669.	6.34	0.0210	6046.	33. 0.16
MILE 378.44	595.92	204598.	3.03	67583.	12991.	5.65	0.0210	6046.	40. 0.23
MILE 374.23	595.46	202651.	1.90	106654.	14126.	6.60	0.0210	6060.	37. 0.12
MILE 370.03	595.15	200889.	1.75	115079.	8232.	7.06	0.0210	6060.	45. 0.08
MILE 365.82	594.66	202156.	1.59	127448.	7712.	6.85	0.0210	6046.	41. 0.07
MILE 361.62	594.42	200102.	1.75	114630.	12583.	7.81	0.0210	6060.	49. 0.10
MILE 357.41	594.24	199477.	1.46	136702.	23710.	7.80	0.0210	6046.	58. 0.11
MILE 353.21	594.13	195833.	1.78	109772.	6623.	9.18	0.0230	6060.	57. 0.08
MILE 349.00	593.80	199398.	1.75	114046.	3814.	9.64	0.0240	6060.	59. 0.06

0DATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE								
MILE 424.70	614.64	201700.	4.54	44471.	16136.	9.74	0.0230	41348.	39. 0.48
MILE 420.49	612.67	216173.	3.88	55771.	8145.	5.80	0.0230	13098.	34. 0.26
MILE 416.28	610.92	207696.	4.15	50054.	6976.	6.55	0.0270	13067.	32. 0.27
MILE 412.08	608.02	209399.	4.45	47109.	4426.	8.58	0.0270	13098.	31. 0.24
MILE 407.88	605.95	211467.	4.15	50954.	5680.	7.67	0.0270	13098.	30. 0.24
MILE 403.67	603.93	218611.	4.06	53854.	3819.	6.54	0.0240	13067.	31. 0.19
MILE 399.47	601.70	207982.	3.30	63042.	14172.	6.86	0.0220	13098.	38. 0.28
MILE 395.26	600.01	213246.	4.90	43506.	15456.	9.69	0.0220	13067.	42. 0.51
MILE 391.06	598.64	209933.	3.98	52774.	2660.	7.86	0.0220	9502.	32. 0.16
MILE 386.85	597.63	211233.	3.14	67263.	5207.	6.33	0.0210	5924.	39. 0.15
MILE 382.64	596.76	212961.	2.53	84065.	10780.	6.37	0.0210	5910.	34. 0.16
MILE 378.44	596.04	209954.	3.08	68181.	13092.	5.68	0.0210	5910.	40. 0.24
MILE 374.23	595.57	206191.	1.92	107343.	14151.	6.63	0.0210	5924.	37. 0.12

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MILE 370.03	595.26	202573.	1.75	115745.	8246.	7.08	0.0210	5924.	45.	0.08
MILE 365.82	594.76	203706.	1.59	128194.	7736.	6.87	0.0210	5910.	42.	0.07
MILE 361.62	594.52	202151.	1.76	115154.	12643.	7.83	0.0210	5924.	49.	0.10
MILE 357.41	594.35	199414.	1.45	137381.	23830.	7.81	0.0210	5910.	58.	0.11
MILE 353.21	594.26	187759.	1.70	110305.	6666.	9.21	0.0230	5924.	57.	0.07
MILE 349.00	594.00	188204.	1.64	114806.	3820.	9.68	0.0240	5924.	59.	0.05

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.04	203900.	4.51	45211.	16436.	9.77	0.0230	42527.	39.	0.48
MILE 420.49	613.10	221014.	3.81	57984.	8308.	5.74	0.0230	13614.	34.	0.25
MILE 416.28	611.33	213597.	4.10	52117.	7116.	6.33	0.0270	13581.	32.	0.27
MILE 412.08	608.37	215037.	4.49	47943.	4491.	8.61	0.0270	13614.	32.	0.24
MILE 407.88	606.27	216852.	4.14	52332.	5796.	7.60	0.0270	13614.	30.	0.24
MILE 403.67	604.22	224095.	4.04	55467.	3899.	6.51	0.0240	13581.	31.	0.19
MILE 399.47	601.94	213249.	3.32	64194.	14478.	6.85	0.0220	13614.	38.	0.28
MILE 395.26	600.21	218697.	4.98	43956.	15680.	9.68	0.0220	13581.	42.	0.52
MILE 391.06	598.83	214670.	4.03	53327.	2668.	7.88	0.0220	10612.	32.	0.16
MILE 386.85	597.80	216783.	3.19	67979.	5215.	6.37	0.0210	7616.	39.	0.16
MILE 382.64	596.91	219032.	2.58	84852.	10906.	6.41	0.0210	7598.	34.	0.16
MILE 378.44	596.17	214858.	3.12	68883.	13211.	5.71	0.0210	7598.	40.	0.24
MILE 374.23	595.70	210064.	1.94	108157.	14181.	6.66	0.0210	7616.	37.	0.12
MILE 370.03	595.39	204855.	1.76	116549.	8262.	7.11	0.0210	7616.	45.	0.08
MILE 365.82	594.90	204507.	1.58	129189.	7769.	6.89	0.0210	7598.	42.	0.07
MILE 361.62	594.66	198883.	1.72	115927.	12731.	7.87	0.0210	7616.	49.	0.10
MILE 357.41	594.49	197225.	1.43	138274.	23989.	7.82	0.0210	7598.	58.	0.10
MILE 353.21	594.36	195923.	1.77	110686.	6696.	9.23	0.0230	7616.	57.	0.08
MILE 349.00	594.00	202147.	1.76	114807.	3820.	9.68	0.0240	7615.	60.	0.06

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.37	204200.	4.45	45876.	16684.	9.79	0.0230	41962.	39.	0.47
MILE 420.49	613.47	224735.	3.75	59999.	8450.	5.70	0.0230	12382.	34.	0.25
MILE 416.28	611.71	219202.	4.05	54108.	7244.	6.17	0.0270	12353.	33.	0.26
MILE 412.08	608.69	220693.	4.53	48730.	4551.	8.65	0.0270	12382.	32.	0.24
MILE 407.88	606.58	222593.	4.15	53663.	5906.	7.55	0.0270	12382.	30.	0.24
MILE 403.67	604.49	229382.	4.02	56995.	3973.	6.48	0.0240	12353.	31.	0.19
MILE 399.47	602.17	218770.	3.35	65345.	14779.	6.84	0.0220	12382.	38.	0.28
MILE 395.26	600.40	223704.	5.04	44407.	15903.	9.68	0.0220	12353.	42.	0.53

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MILE 391.06	598.99	220315.	4.09	53806.	2675.	7.90	0.0220	8934.	32.	0.16
MILE 386.85	597.95	221747.	3.23	68609.	5222.	6.41	0.0210	5502.	39.	0.16
MILE 382.64	597.06	223406.	2.61	85633.	11031.	6.45	0.0210	5489.	34.	0.17
MILE 378.44	596.31	219826.	3.16	69630.	13337.	5.75	0.0210	5489.	40.	0.24
MILE 374.23	595.84	212869.	1.95	109071.	14215.	6.69	0.0210	5502.	37.	0.12
MILE 370.03	595.53	206830.	1.76	117405.	8280.	7.15	0.0210	5502.	46.	0.08
MILE 365.82	595.03	207817.	1.60	130089.	7794.	6.92	0.0210	5489.	42.	0.07
MILE 361.62	594.77	208000.	1.79	116480.	12794.	7.89	0.0210	5502.	49.	0.10
MILE 357.41	594.59	207010.	1.49	138912.	24101.	7.83	0.0210	5489.	58.	0.11
MILE 353.21	594.48	198538.	1.79	111180.	6736.	9.25	0.0230	5502.	58.	0.08
MILE 349.00	594.18	199577.	1.73	115491.	3825.	9.72	0.0240	5501.	60.	0.06

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.87	220500.	4.70	46892.	17060.	9.82	0.0230	41073.	40.	0.50
MILE 420.49	613.88	235822.	3.78	62331.	8609.	5.66	0.0230	11878.	35.	0.25
MILE 416.28	612.07	226576.	4.04	56074.	7364.	6.05	0.0270	11849.	33.	0.26
MILE 412.08	608.99	226387.	4.58	49445.	4605.	8.67	0.0270	11878.	32.	0.25
MILE 407.88	606.84	227830.	4.15	54866.	6003.	7.50	0.0270	11878.	31.	0.24
MILE 403.67	604.73	234153.	4.01	58404.	4041.	6.47	0.0240	11849.	31.	0.19
MILE 399.47	602.39	223933.	3.37	66435.	15059.	6.83	0.0220	11878.	38.	0.28
MILE 395.26	600.58	228812.	5.10	44825.	16108.	9.67	0.0220	11849.	42.	0.54
MILE 391.06	599.14	225602.	4.16	54268.	2682.	7.92	0.0220	8590.	33.	0.16
MILE 386.85	598.09	226602.	3.27	69208.	5229.	6.45	0.0210	5317.	39.	0.16
MILE 382.64	597.19	227685.	2.64	86335.	11144.	6.48	0.0210	5304.	34.	0.17
MILE 378.44	596.44	223191.	3.17	70298.	13449.	5.78	0.0210	5304.	40.	0.24
MILE 374.23	595.96	218803.	1.99	109817.	14242.	6.72	0.0210	5317.	37.	0.13
MILE 370.03	595.64	214855.	1.82	118073.	8294.	7.17	0.0210	5317.	46.	0.08
MILE 365.82	595.13	214202.	1.64	130835.	7804.	6.94	0.0210	5304.	42.	0.07
MILE 361.62	594.88	209073.	1.79	117070.	12861.	7.91	0.0210	5317.	49.	0.10
MILE 357.41	594.70	206002.	1.47	139665.	24234.	7.84	0.0210	5304.	58.	0.11
MILE 353.21	594.59	199959.	1.79	111594.	6769.	9.27	0.0230	5317.	58.	0.08
MILE 349.00	594.26	202188.	1.75	115796.	3828.	9.74	0.0240	5317.	60.	0.06

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.18	220500.	4.64	47521.	17290.	9.83	0.0230	40337.	40.	0.49
MILE 420.49	614.24	239847.	3.72	64443.	8748.	5.64	0.0230	11528.	35.	0.24
MILE 416.28	612.44	233560.	4.01	58211.	7489.	5.94	0.0270	11500.	33.	0.25

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MILE 412.08	609.29	233221.	4.65	50199.	4662.	8.70	0.0270	11528.	33.	0.25
MILE 407.88	607.12	233705.	4.16	56125.	6103.	7.46	0.0270	11528.	31.	0.24
MILE 403.67	604.95	239333.	4.01	59714.	4102.	6.45	0.0240	11500.	32.	0.19
MILE 399.47	602.59	228961.	3.39	67486.	15326.	6.82	0.0220	11528.	38.	0.28
MILE 395.26	600.75	233595.	5.16	45233.	16307.	9.67	0.0220	11500.	42.	0.55
MILE 391.06	599.29	230212.	4.21	54734.	2689.	7.93	0.0220	8269.	33.	0.16
MILE 386.85	598.23	231116.	3.31	69811.	5236.	6.48	0.0210	5026.	39.	0.16
MILE 382.64	597.33	232211.	2.67	87038.	11256.	6.52	0.0210	5014.	34.	0.17
MILE 378.44	596.55	228150.	3.22	70928.	13555.	5.81	0.0210	5014.	40.	0.25
MILE 374.23	596.08	222229.	2.01	110560.	14270.	6.74	0.0210	5026.	38.	0.13
MILE 370.03	595.75	216452.	1.82	118809.	8309.	7.20	0.0210	5026.	46.	0.08
MILE 365.82	595.25	216129.	1.64	131689.	7814.	6.97	0.0210	5014.	42.	0.07
MILE 361.62	594.99	213336.	1.81	117644.	12926.	7.94	0.0210	5026.	49.	0.11
MILE 357.41	594.80	211673.	1.51	140310.	24347.	7.85	0.0210	5014.	58.	0.11
MILE 353.21	594.68	207381.	1.85	111947.	6798.	9.29	0.0230	5026.	58.	0.08
MILE 349.00	594.32	210209.	1.81	116024.	3829.	9.75	0.0240	5025.	60.	0.06

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.42	219400.	4.57	48012.	17468.	9.85	0.0230	39984.	40.	0.49
MILE 420.49	614.53	242177.	3.66	66183.	8859.	5.62	0.0230	11210.	36.	0.24
MILE 416.28	612.75	238559.	3.97	60093.	7595.	5.86	0.0270	11183.	34.	0.25
MILE 412.08	609.59	238862.	4.69	50929.	4717.	8.73	0.0270	11210.	33.	0.25
MILE 407.88	607.39	238921.	4.16	57398.	6202.	7.43	0.0270	11210.	31.	0.24
MILE 403.67	605.18	243275.	3.99	60979.	4165.	6.36	0.0240	11183.	32.	0.18
MILE 399.47	602.80	233774.	3.41	68524.	15587.	6.81	0.0220	11210.	39.	0.29
MILE 395.26	600.92	238316.	5.22	45633.	16501.	9.66	0.0220	11183.	42.	0.55
MILE 391.06	599.44	234893.	4.26	55186.	2695.	7.95	0.0220	7964.	33.	0.17
MILE 386.85	598.37	235617.	3.35	70391.	5243.	6.52	0.0210	4734.	39.	0.16
MILE 382.64	597.46	236438.	2.70	87718.	11365.	6.55	0.0210	4723.	34.	0.17
MILE 378.44	596.68	231859.	3.24	71573.	13664.	5.84	0.0210	4723.	40.	0.25
MILE 374.23	596.20	226032.	2.03	111309.	14297.	6.77	0.0210	4734.	38.	0.13
MILE 370.03	595.86	221123.	1.85	119487.	8323.	7.23	0.0210	4734.	46.	0.09
MILE 365.82	595.35	221089.	1.67	132403.	7823.	6.99	0.0210	4723.	42.	0.07
MILE 361.62	595.08	218840.	1.85	118127.	12949.	7.96	0.0210	4734.	49.	0.11
MILE 357.41	594.89	217151.	1.54	140876.	24446.	7.86	0.0210	4723.	58.	0.11
MILE 353.21	594.77	211313.	1.88	112314.	6827.	9.31	0.0230	4734.	58.	0.08
MILE 349.00	594.42	213039.	1.83	116405.	3832.	9.77	0.0240	4734.	60.	0.06

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.64	219600.	4.53	48459.	17629.	9.86	0.0230	39485.	41.	0.48
MILE 420.49	614.77	244360.	3.61	67631.	8950.	5.61	0.0230	10746.	36.	0.23
MILE 416.28	613.00	242277.	3.93	61592.	7677.	5.80	0.0270	10721.	34.	0.24
MILE 412.08	609.87	243013.	4.71	51631.	4769.	8.76	0.0270	10746.	33.	0.25
MILE 407.88	607.66	243231.	4.15	58637.	6297.	7.40	0.0270	10746.	31.	0.24
MILE 403.67	605.40	247498.	3.98	62225.	4225.	6.26	0.0240	10721.	32.	0.18
MILE 399.47	602.99	238279.	3.43	69559.	15843.	6.80	0.0220	10746.	39.	0.29
MILE 395.26	601.08	242705.	5.27	46024.	16690.	9.66	0.0220	10721.	43.	0.56
MILE 391.06	599.59	239322.	4.30	55628.	2702.	7.96	0.0220	7614.	33.	0.17
MILE 386.85	598.50	239908.	3.38	70964.	5250.	6.55	0.0210	4497.	39.	0.16
MILE 382.64	597.58	240594.	2.72	88393.	11473.	6.58	0.0210	4486.	34.	0.17
MILE 378.44	596.79	236098.	3.27	72192.	13768.	5.87	0.0210	4486.	40.	0.25
MILE 374.23	596.31	230856.	2.06	112004.	14323.	6.80	0.0210	4497.	38.	0.13
MILE 370.03	595.97	226270.	1.88	120123.	8336.	7.25	0.0210	4497.	46.	0.09
MILE 365.82	595.44	225760.	1.70	133099.	7832.	7.01	0.0210	4486.	42.	0.07
MILE 361.62	595.18	222293.	1.87	118630.	12970.	7.98	0.0210	4497.	50.	0.11
MILE 357.41	594.98	219933.	1.55	141483.	24552.	7.87	0.0210	4486.	58.	0.11
MILE 353.21	594.86	214053.	1.90	112669.	6855.	9.32	0.0230	4497.	58.	0.08
MILE 349.00	594.50	215798.	1.85	116709.	3835.	9.79	0.0240	4496.	60.	0.06

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.81	219300.	4.49	48821.	17759.	9.87	0.0230	38169.	41.	0.48
MILE 420.49	614.96	245799.	3.57	68815.	9022.	5.60	0.0230	9989.	36.	0.23
MILE 416.28	613.19	245169.	3.90	62846.	7744.	5.76	0.0270	9965.	34.	0.24
MILE 412.08	610.12	246422.	4.72	52254.	4815.	8.78	0.0270	9989.	34.	0.25
MILE 407.88	607.89	247168.	4.13	59776.	6383.	7.37	0.0270	9989.	32.	0.24
MILE 403.67	605.60	251396.	3.96	63412.	4281.	6.17	0.0240	9965.	32.	0.18
MILE 399.47	603.18	242715.	3.44	70566.	16090.	6.80	0.0220	9989.	39.	0.29
MILE 395.26	601.24	246843.	5.32	46404.	16872.	9.66	0.0220	9965.	43.	0.57
MILE 391.06	599.73	243473.	4.34	56057.	2708.	7.98	0.0220	7137.	33.	0.17
MILE 386.85	598.63	244070.	3.41	71518.	5256.	6.59	0.0210	4300.	40.	0.16
MILE 382.64	597.71	244747.	2.75	89042.	11577.	6.61	0.0210	4289.	35.	0.17
MILE 378.44	596.90	240358.	3.30	72787.	13867.	5.89	0.0210	4289.	41.	0.25
MILE 374.23	596.41	234770.	2.08	112689.	14348.	6.82	0.0210	4300.	38.	0.13
MILE 370.03	596.07	229712.	1.90	120769.	8349.	7.28	0.0210	4300.	46.	0.09
MILE 365.82	595.54	229114.	1.71	133820.	7841.	7.04	0.0210	4289.	42.	0.07
MILE 361.62	595.27	225776.	1.90	119140.	12991.	8.00	0.0210	4300.	50.	0.11
MILE 357.41	595.08	222644.	1.57	142135.	24623.	7.88	0.0210	4289.	59.	0.11
MILE 353.21	594.96	214060.	1.89	113081.	6888.	9.34	0.0230	4300.	58.	0.08
MILE 349.00	594.62	214632.	1.83	117166.	3838.	9.81	0.0240	4299.	60.	0.06

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.96	219900.	4.48	49129.	17869.	9.88	0.0230	37077.	41.	0.48
MILE 420.49	615.11	247234.	3.54	69768.	9083.	5.61	0.0230	9457.	36.	0.23
MILE 416.28	613.36	247456.	3.87	63901.	7799.	5.73	0.0270	9435.	34.	0.24
MILE 412.08	610.33	249186.	4.72	52797.	4853.	8.79	0.0270	9457.	34.	0.25
MILE 407.88	608.10	250470.	4.12	60776.	6458.	7.36	0.0270	9457.	32.	0.24
MILE 403.67	605.78	254745.	3.95	64510.	4332.	6.10	0.0240	9435.	32.	0.18
MILE 399.47	603.36	246742.	3.45	71526.	16322.	6.79	0.0220	9457.	39.	0.29
MILE 395.26	601.39	250670.	5.36	46773.	17048.	9.65	0.0220	9435.	43.	0.57
MILE 391.06	599.87	247391.	4.38	56473.	2714.	8.00	0.0220	6774.	33.	0.17
MILE 386.85	598.76	247983.	3.44	72051.	5262.	6.62	0.0210	4103.	40.	0.16
MILE 382.64	597.82	248604.	2.77	89671.	11678.	6.64	0.0210	4093.	35.	0.18
MILE 378.44	597.01	244177.	3.33	73375.	13966.	5.92	0.0210	4093.	41.	0.26
MILE 374.23	596.52	238432.	2.10	113371.	14373.	6.85	0.0210	4103.	38.	0.13
MILE 370.03	596.18	233040.	1.92	121416.	8363.	7.30	0.0210	4103.	46.	0.09
MILE 365.82	595.65	231747.	1.72	134576.	7850.	7.06	0.0210	4093.	42.	0.07
MILE 361.62	595.38	227032.	1.90	119704.	13014.	8.03	0.0210	4103.	50.	0.11
MILE 357.41	595.19	223570.	1.56	142859.	24691.	7.88	0.0210	4093.	59.	0.11
MILE 353.21	595.06	216670.	1.91	113468.	6906.	9.36	0.0230	4103.	58.	0.08
MILE 349.00	594.70	217877.	1.85	117470.	3841.	9.83	0.0240	4103.	60.	0.06

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.22	230900.	4.65	49680.	18065.	9.89	0.0230	36118.	41.	0.49
MILE 420.49	615.31	253866.	3.58	70937.	9157.	5.62	0.0230	9023.	36.	0.23
MILE 416.28	613.52	251168.	3.87	64961.	7853.	5.71	0.0270	9001.	34.	0.24
MILE 412.08	610.51	252024.	4.73	53284.	4888.	8.79	0.0270	9023.	34.	0.25
MILE 407.88	608.28	253385.	4.11	61667.	6523.	7.34	0.0270	9023.	32.	0.24
MILE 403.67	605.95	257663.	3.93	65526.	4377.	6.04	0.0240	9001.	33.	0.18
MILE 399.47	603.53	250356.	3.46	72441.	16541.	6.79	0.0220	9023.	39.	0.29
MILE 395.26	601.54	254182.	5.39	47128.	17216.	9.65	0.0220	9001.	43.	0.57
MILE 391.06	600.00	251077.	4.41	56875.	2720.	8.01	0.0220	6458.	33.	0.17
MILE 386.85	598.88	251642.	3.47	72569.	5268.	6.65	0.0210	3906.	40.	0.16
MILE 382.64	597.94	252194.	2.79	90286.	11776.	6.67	0.0210	3897.	35.	0.18
MILE 378.44	597.12	247699.	3.35	73957.	14063.	5.95	0.0210	3897.	41.	0.26
MILE 374.23	596.63	241277.	2.12	114066.	14399.	6.87	0.0210	3906.	38.	0.13
MILE 370.03	596.28	235374.	1.93	122085.	8376.	7.33	0.0210	3906.	46.	0.09
MILE 365.82	595.75	234245.	1.73	135344.	7860.	7.09	0.0210	3897.	43.	0.07

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MILE 361.62	595.48	230585.	1.92	120238.	13036.	8.05	0.0210	3906.	50.	0.11
MILE 357.41	595.28	228111.	1.59	143501.	24751.	7.89	0.0210	3897.	59.	0.12
MILE 353.21	595.14	223115.	1.96	113802.	6915.	9.38	0.0230	3906.	58.	0.09
MILE 349.00	594.76	224858.	1.91	117699.	3842.	9.84	0.0240	3906.	60.	0.06

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.38	231500.	4.63	50024.	18186.	9.90	0.0230	35224.	41.	0.49
MILE 420.49	615.48	255954.	3.56	71974.	9222.	5.63	0.0230	8654.	36.	0.22
MILE 416.28	613.69	254785.	3.85	66121.	7912.	5.68	0.0270	8633.	34.	0.23
MILE 412.08	610.70	255697.	4.75	53785.	4923.	8.80	0.0270	8654.	34.	0.25
MILE 407.88	608.45	256700.	4.11	62532.	6586.	7.33	0.0270	8654.	32.	0.23
MILE 403.67	606.10	260674.	3.92	66504.	4420.	5.99	0.0240	8633.	33.	0.18
MILE 399.47	603.69	253710.	3.46	73313.	16748.	6.79	0.0220	8654.	40.	0.29
MILE 395.26	601.68	257437.	5.42	47470.	17378.	9.65	0.0220	8633.	43.	0.58
MILE 391.06	600.12	254589.	4.45	57267.	2725.	8.03	0.0220	6204.	34.	0.17
MILE 386.85	599.00	255082.	3.49	73074.	5274.	6.68	0.0210	3765.	40.	0.17
MILE 382.64	598.06	255518.	2.81	90893.	11873.	6.70	0.0210	3756.	35.	0.18
MILE 378.44	597.23	250861.	3.37	74541.	14161.	5.97	0.0210	3756.	41.	0.26
MILE 374.23	596.74	244675.	2.13	114747.	14424.	6.90	0.0210	3765.	38.	0.13
MILE 370.03	596.39	239402.	1.95	122713.	8389.	7.35	0.0210	3765.	46.	0.09
MILE 365.82	595.85	238640.	1.75	136021.	7868.	7.11	0.0210	3756.	43.	0.07
MILE 361.62	595.57	235693.	1.95	120698.	13055.	8.07	0.0210	3765.	50.	0.11
MILE 357.41	595.36	233439.	1.62	144069.	24805.	7.90	0.0210	3756.	59.	0.12
MILE 353.21	595.23	227722.	2.00	114133.	6924.	9.40	0.0230	3765.	58.	0.09
MILE 349.00	594.84	228926.	1.94	118003.	3845.	9.86	0.0240	3765.	60.	0.06

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.67	244400.	4.83	50640.	18403.	9.92	0.0230	34204.	42.	0.51
MILE 420.49	615.69	264023.	3.60	73296.	9304.	5.64	0.0230	8334.	37.	0.23
MILE 416.28	613.87	259542.	3.86	67303.	7970.	5.66	0.0270	8314.	35.	0.23
MILE 412.08	610.89	259247.	4.78	54271.	4957.	8.81	0.0270	8334.	34.	0.25
MILE 407.88	608.62	260009.	4.10	63384.	6647.	7.31	0.0270	8334.	32.	0.23
MILE 403.67	606.26	263847.	3.91	67477.	4462.	5.94	0.0240	8314.	33.	0.18
MILE 399.47	603.85	257030.	3.47	74162.	16948.	6.79	0.0220	8334.	40.	0.29
MILE 395.26	601.81	260605.	5.45	47800.	17533.	9.65	0.0220	8314.	43.	0.58
MILE 391.06	600.24	257821.	4.47	57649.	2731.	8.05	0.0220	5973.	34.	0.17
MILE 386.85	599.11	258307.	3.51	73567.	5280.	6.71	0.0210	3624.	40.	0.17

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MILE 382.64	598.17	258743.	2.83	91489.	11968.	6.73	0.0210	3615.	35.	0.18
MILE 378.44	597.34	254306.	3.39	75104.	14255.	6.00	0.0210	3615.	41.	0.26
MILE 374.23	596.84	248730.	2.16	115388.	14447.	6.92	0.0210	3624.	38.	0.13
MILE 370.03	596.48	243913.	1.98	123302.	8401.	7.38	0.0210	3624.	46.	0.09
MILE 365.82	595.94	242991.	1.78	136667.	7876.	7.13	0.0210	3615.	43.	0.08
MILE 361.62	595.65	239349.	1.98	121161.	13074.	8.09	0.0210	3624.	50.	0.11
MILE 357.41	595.45	235872.	1.63	144690.	24863.	7.90	0.0210	3615.	59.	0.12
MILE 353.21	595.33	226904.	1.98	114529.	6934.	9.42	0.0230	3624.	58.	0.09
MILE 349.00	594.96	226768.	1.91	118460.	3848.	9.88	0.0240	3624.	60.	0.06

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.75	237500.	4.67	50807.	18461.	9.93	0.0230	33360.	42.	0.50
MILE 420.49	615.83	262453.	3.54	74185.	9359.	5.65	0.0230	8191.	37.	0.22
MILE 416.28	614.04	262634.	3.83	68514.	8029.	5.64	0.0270	8171.	35.	0.23
MILE 412.08	611.08	263389.	4.81	54791.	4993.	8.82	0.0270	8191.	34.	0.26
MILE 407.88	608.80	263859.	4.11	64269.	6710.	7.30	0.0270	8191.	33.	0.23
MILE 403.67	606.41	267360.	3.90	68471.	4505.	5.90	0.0240	8171.	33.	0.18
MILE 399.47	604.00	260298.	3.47	75000.	17143.	6.79	0.0220	8191.	40.	0.29
MILE 395.26	601.94	263737.	5.48	48124.	17685.	9.65	0.0220	8171.	43.	0.59
MILE 391.06	600.37	260821.	4.49	58031.	2736.	8.07	0.0220	6020.	34.	0.17
MILE 386.85	599.23	261504.	3.53	74064.	5285.	6.74	0.0210	3858.	40.	0.17
MILE 382.64	598.28	262140.	2.85	92077.	12062.	6.76	0.0210	3849.	35.	0.18
MILE 378.44	597.44	257822.	3.41	75654.	14346.	6.02	0.0210	3849.	41.	0.26
MILE 374.23	596.94	252124.	2.17	116027.	14471.	6.94	0.0210	3858.	38.	0.14
MILE 370.03	596.58	246742.	1.99	123920.	8414.	7.40	0.0210	3858.	47.	0.09
MILE 365.82	596.04	245279.	1.79	137402.	7885.	7.15	0.0210	3849.	43.	0.08
MILE 361.62	595.75	240697.	1.98	121698.	13096.	8.11	0.0210	3858.	50.	0.11
MILE 357.41	595.54	239151.	1.65	145308.	24921.	7.91	0.0210	3849.	59.	0.12
MILE 353.21	595.38	239467.	2.09	114731.	6940.	9.43	0.0230	3858.	58.	0.09
MILE 349.00	594.92	243495.	2.06	118308.	3847.	9.87	0.0240	3858.	60.	0.07

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.84	237800.	4.66	51008.	18532.	9.93	0.0230	32131.	42.	0.50
MILE 420.49	615.94	263161.	3.51	74884.	9402.	5.66	0.0230	7696.	37.	0.22
MILE 416.28	614.16	264191.	3.81	69370.	8070.	5.62	0.0270	7678.	35.	0.23
MILE 412.08	611.24	265768.	4.81	55222.	5023.	8.83	0.0270	7696.	35.	0.26
MILE 407.88	608.96	267028.	4.10	65100.	6769.	7.29	0.0270	7696.	33.	0.23

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MILE 403.67	606.56	270669.	3.90	69449.	4545.	5.86	0.0240	7678.	33.	0.18
MILE 399.47	604.15	263720.	3.48	75837.	17336.	6.79	0.0220	7696.	40.	0.29
MILE 395.26	602.07	266872.	5.51	48445.	17834.	9.65	0.0220	7678.	44.	0.59
MILE 391.06	600.49	263716.	4.51	58410.	2742.	8.09	0.0220	5879.	34.	0.17
MILE 386.85	599.35	264639.	3.55	74562.	5291.	6.77	0.0210	4067.	40.	0.17
MILE 382.64	598.39	265458.	2.86	92674.	12158.	6.79	0.0210	4057.	35.	0.18
MILE 378.44	597.55	261072.	3.42	76227.	14442.	6.05	0.0210	4057.	41.	0.26
MILE 374.23	597.04	254633.	2.18	116711.	14496.	6.97	0.0210	4067.	39.	0.14
MILE 370.03	596.68	249700.	2.00	124548.	8427.	7.42	0.0210	4067.	47.	0.09
MILE 365.82	596.12	250295.	1.81	138017.	7893.	7.17	0.0210	4057.	43.	0.08
MILE 361.62	595.81	250666.	2.05	122028.	13109.	8.13	0.0210	4067.	50.	0.12
MILE 357.41	595.59	251763.	1.73	145618.	24950.	7.91	0.0210	4057.	59.	0.13
MILE 353.21	595.42	251901.	2.19	114897.	6944.	9.44	0.0230	4067.	59.	0.09
MILE 349.00	594.94	255476.	2.16	118384.	3848.	9.88	0.0240	4067.	60.	0.07

0DATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.91	237800.	4.65	51159.	18584.	9.94	0.0230	30982.	42.	0.49
MILE 420.49	616.03	263501.	3.49	75453.	9436.	5.67	0.0230	7282.	37.	0.22
MILE 416.28	614.26	265348.	3.79	70044.	8102.	5.61	0.0270	7264.	35.	0.23
MILE 412.08	611.37	267596.	4.82	55572.	5047.	8.84	0.0270	7282.	35.	0.26
MILE 407.88	609.10	269422.	4.09	65797.	6818.	7.29	0.0270	7282.	33.	0.23
MILE 403.67	606.68	273143.	3.88	70325.	4581.	5.83	0.0240	7264.	33.	0.17
MILE 399.47	604.29	266794.	3.48	76637.	17520.	6.79	0.0220	7282.	40.	0.29
MILE 395.26	602.20	269791.	5.53	48757.	17978.	9.65	0.0220	7264.	44.	0.59
MILE 391.06	600.60	266848.	4.54	58760.	2747.	8.11	0.0220	5346.	34.	0.17
MILE 386.85	599.45	267532.	3.57	75023.	5296.	6.79	0.0210	3418.	40.	0.17
MILE 382.64	598.50	268143.	2.88	93246.	12249.	6.81	0.0210	3410.	35.	0.18
MILE 378.44	597.65	264302.	3.44	76773.	14532.	6.07	0.0210	3410.	41.	0.26
MILE 374.23	597.13	260358.	2.22	117287.	14517.	6.99	0.0210	3418.	39.	0.14
MILE 370.03	596.76	257985.	2.06	125005.	8436.	7.44	0.0210	3418.	47.	0.09
MILE 365.82	596.18	258644.	1.87	138402.	7898.	7.18	0.0210	3410.	43.	0.08
MILE 361.62	595.86	258356.	2.11	122263.	13119.	8.14	0.0210	3418.	50.	0.12
MILE 357.41	595.62	259497.	1.78	145877.	24974.	7.92	0.0210	3410.	59.	0.13
MILE 353.21	595.45	260677.	2.27	115007.	6947.	9.45	0.0230	3418.	59.	0.10
MILE 349.00	594.94	263963.	2.23	118384.	3848.	9.88	0.0240	3418.	60.	0.07

0DATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	617.97	237800.	4.64	51277.	18625.	9.94	0.0230	30000.	42.	0.49
MILE 420.49	616.11	263540.	3.47	75909.	9464.	5.67	0.0230	6965.	37.	0.22
MILE 416.28	614.33	266132.	3.77	70556.	8127.	5.60	0.0270	6948.	35.	0.23
MILE 412.08	611.48	268903.	4.81	55854.	5066.	8.85	0.0270	6965.	35.	0.26
MILE 407.88	609.21	271212.	4.09	66382.	6858.	7.28	0.0270	6965.	33.	0.23
MILE 403.67	606.80	275059.	3.87	71107.	4613.	5.80	0.0240	6948.	33.	0.17
MILE 399.47	604.42	269488.	3.48	77389.	17691.	6.79	0.0220	6965.	40.	0.29
MILE 395.26	602.32	272493.	5.56	49053.	18115.	9.64	0.0220	6948.	44.	0.59
MILE 391.06	600.71	269791.	4.57	59098.	2751.	8.13	0.0220	5158.	34.	0.17
MILE 386.85	599.56	270522.	3.58	75460.	5301.	6.82	0.0210	3359.	40.	0.17
MILE 382.64	598.60	271306.	2.89	93757.	12331.	6.84	0.0210	3351.	35.	0.18
MILE 378.44	597.73	268279.	3.47	77219.	14607.	6.09	0.0210	3351.	41.	0.27
MILE 374.23	597.21	265427.	2.25	117749.	14534.	7.00	0.0210	3359.	39.	0.14
MILE 370.03	596.82	263695.	2.10	125400.	8444.	7.46	0.0210	3359.	47.	0.10
MILE 365.82	596.22	264756.	1.91	138746.	7902.	7.19	0.0210	3351.	43.	0.08
MILE 361.62	595.89	265119.	2.17	122454.	13127.	8.14	0.0210	3359.	50.	0.12
MILE 357.41	595.65	266252.	1.82	146072.	24992.	7.92	0.0210	3351.	59.	0.13
MILE 353.21	595.47	266552.	2.32	115106.	6949.	9.45	0.0230	3359.	59.	0.10
MILE 349.00	594.95	269510.	2.28	118422.	3848.	9.88	0.0240	3359.	60.	0.07

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.01	237800.	4.63	51372.	18658.	9.94	0.0230	29097.	42.	0.49
MILE 420.49	616.16	263513.	3.45	76271.	9486.	5.67	0.0230	6727.	37.	0.21
MILE 416.28	614.39	266662.	3.76	70965.	8146.	5.60	0.0270	6711.	35.	0.22
MILE 412.08	611.56	269854.	4.81	56085.	5082.	8.85	0.0270	6727.	35.	0.26
MILE 407.88	609.30	272591.	4.08	66880.	6893.	7.28	0.0270	6727.	33.	0.23
MILE 403.67	606.90	276586.	3.85	71819.	4641.	5.78	0.0240	6711.	34.	0.17
MILE 399.47	604.54	271841.	3.48	78085.	17848.	6.79	0.0220	6727.	40.	0.29
MILE 395.26	602.43	274892.	5.57	49334.	18245.	9.64	0.0220	6711.	44.	0.60
MILE 391.06	600.81	272605.	4.59	59417.	2756.	8.15	0.0220	5029.	34.	0.17
MILE 386.85	599.65	273527.	3.61	75866.	5306.	6.84	0.0210	3339.	41.	0.17
MILE 382.64	598.69	274514.	2.91	94224.	12405.	6.86	0.0210	3331.	35.	0.19
MILE 378.44	597.81	272011.	3.50	77629.	14675.	6.11	0.0210	3331.	41.	0.27
MILE 374.23	597.27	269716.	2.28	118173.	14549.	7.02	0.0210	3339.	39.	0.14
MILE 370.03	596.88	268408.	2.13	125754.	8452.	7.47	0.0210	3339.	47.	0.10
MILE 365.82	596.27	269533.	1.94	139058.	7906.	7.20	0.0210	3331.	43.	0.08
MILE 361.62	595.93	269693.	2.20	122646.	13135.	8.15	0.0210	3339.	50.	0.13
MILE 357.41	595.69	270061.	1.85	146312.	25014.	7.92	0.0210	3331.	59.	0.13
MILE 353.21	595.51	267943.	2.32	115264.	6954.	9.46	0.0230	3339.	59.	0.10
MILE 349.00	595.00	269787.	2.27	118612.	3850.	9.89	0.0240	3338.	60.	0.07

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.05	237800.	4.62	51444.	18683.	9.94	0.0230	28159.	42.	0.49
MILE 420.49	616.21	263374.	3.44	76560.	9503.	5.68	0.0230	6489.	37.	0.21
MILE 416.28	614.43	267013.	3.75	71298.	8161.	5.59	0.0270	6474.	35.	0.22
MILE 412.08	611.64	270585.	4.81	56279.	5096.	8.85	0.0270	6489.	35.	0.25
MILE 407.88	609.39	273688.	4.07	67317.	6923.	7.27	0.0270	6489.	33.	0.23
MILE 403.67	607.00	277790.	3.83	72477.	4667.	5.76	0.0240	6474.	34.	0.17
MILE 399.47	604.65	273910.	3.48	78718.	17990.	6.79	0.0220	6489.	41.	0.29
MILE 395.26	602.53	277051.	5.59	49596.	18364.	9.64	0.0220	6474.	44.	0.60
MILE 391.06	600.90	275392.	4.61	59704.	2760.	8.16	0.0220	4766.	34.	0.17
MILE 386.85	599.74	276356.	3.63	76229.	5310.	6.86	0.0210	3050.	41.	0.17
MILE 382.64	598.76	277398.	2.93	94646.	12473.	6.88	0.0210	3043.	36.	0.19
MILE 378.44	597.88	275426.	3.53	78000.	14736.	6.13	0.0210	3043.	41.	0.27
MILE 374.23	597.33	273388.	2.31	118564.	14564.	7.03	0.0210	3050.	39.	0.14
MILE 370.03	596.93	271958.	2.16	126096.	8459.	7.48	0.0210	3050.	47.	0.10
MILE 365.82	596.32	272531.	1.95	139409.	7910.	7.22	0.0210	3043.	43.	0.08
MILE 361.62	595.98	271528.	2.21	122897.	13145.	8.16	0.0210	3050.	50.	0.13
MILE 357.41	595.73	270951.	1.85	146644.	25045.	7.92	0.0210	3043.	59.	0.13
MILE 353.21	595.56	268051.	2.32	115453.	6959.	9.47	0.0230	3050.	59.	0.10
MILE 349.00	595.05	269443.	2.27	118802.	3851.	9.90	0.0240	3050.	61.	0.07

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.08	238300.	4.63	51508.	18706.	9.95	0.0230	27222.	42.	0.49
MILE 420.49	616.25	263426.	3.43	76803.	9518.	5.68	0.0230	6252.	37.	0.21
MILE 416.28	614.47	267304.	3.73	71575.	8174.	5.59	0.0270	6237.	35.	0.22
MILE 412.08	611.70	271123.	4.80	56442.	5107.	8.86	0.0270	6252.	35.	0.25
MILE 407.88	609.46	274526.	4.06	67693.	6948.	7.27	0.0270	6252.	33.	0.23
MILE 403.67	607.08	278728.	3.81	73062.	4690.	5.74	0.0240	6237.	34.	0.17
MILE 399.47	604.75	275748.	3.48	79292.	18118.	6.79	0.0220	6252.	41.	0.29
MILE 395.26	602.63	279027.	5.60	49834.	18473.	9.64	0.0220	6237.	44.	0.60
MILE 391.06	600.98	277971.	4.64	59965.	2764.	8.18	0.0220	4583.	34.	0.18
MILE 386.85	599.81	278987.	3.64	76558.	5314.	6.88	0.0210	2922.	41.	0.17
MILE 382.64	598.84	280055.	2.95	95026.	12533.	6.90	0.0210	2915.	36.	0.19
MILE 378.44	597.94	278226.	3.55	78342.	14793.	6.14	0.0210	2915.	42.	0.27
MILE 374.23	597.39	275837.	2.32	118946.	14578.	7.05	0.0210	2922.	39.	0.14
MILE 370.03	596.99	273872.	2.17	126453.	8466.	7.50	0.0210	2922.	47.	0.10
MILE 365.82	596.37	274164.	1.96	139807.	7915.	7.23	0.0210	2915.	43.	0.08
MILE 361.62	596.03	272774.	2.21	123183.	13157.	8.18	0.0210	2922.	50.	0.13
MILE 357.41	595.79	271316.	1.85	147034.	25081.	7.93	0.0210	2915.	59.	0.13
MILE 353.21	595.62	266267.	2.30	115702.	6965.	9.48	0.0230	2922.	59.	0.10

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MILE 349.00 595.13 266710. 2.24 119107. 3853. 9.92 0.0240 2922. 61. 0.07

0DATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.12	240600.	4.66	51612.	18742.	9.95	0.0230	26518.	42.	0.50
MILE 420.49	616.29	264506.	3.43	77075.	9534.	5.68	0.0230	6038.	37.	0.21
MILE 416.28	614.51	267891.	3.73	71836.	8186.	5.59	0.0270	6024.	35.	0.22
MILE 412.08	611.75	271644.	4.80	56584.	5116.	8.86	0.0270	6038.	35.	0.25
MILE 407.88	609.52	275203.	4.05	68018.	6971.	7.27	0.0270	6038.	33.	0.23
MILE 403.67	607.15	279469.	3.80	73579.	4710.	5.73	0.0240	6024.	34.	0.17
MILE 399.47	604.84	277367.	3.48	79810.	18233.	6.79	0.0220	6038.	41.	0.29
MILE 395.26	602.71	280768.	5.61	50050.	18572.	9.64	0.0220	6024.	44.	0.60
MILE 391.06	601.06	280209.	4.65	60205.	2767.	8.19	0.0220	4439.	35.	0.18
MILE 386.85	599.89	281287.	3.66	76864.	5317.	6.90	0.0210	2847.	41.	0.17
MILE 382.64	598.90	282355.	2.96	95387.	12591.	6.91	0.0210	2840.	36.	0.19
MILE 378.44	598.00	280501.	3.57	78680.	14849.	6.16	0.0210	2840.	42.	0.27
MILE 374.23	597.45	277776.	2.33	119337.	14592.	7.06	0.0210	2847.	39.	0.14
MILE 370.03	597.05	275304.	2.17	126828.	8474.	7.51	0.0210	2847.	47.	0.10
MILE 365.82	596.43	275054.	1.96	140258.	7921.	7.24	0.0210	2840.	43.	0.08
MILE 361.62	596.10	272685.	2.21	123525.	13171.	8.19	0.0210	2847.	50.	0.13
MILE 357.41	595.85	271081.	1.84	147483.	25123.	7.93	0.0210	2840.	59.	0.13
MILE 353.21	595.68	267790.	2.31	115927.	6971.	9.49	0.0230	2847.	59.	0.10
MILE 349.00	595.17	269069.	2.26	119259.	3855.	9.92	0.0240	2847.	61.	0.07

0DATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.30	252900.	4.86	51990.	18872.	9.96	0.0230	25815.	42.	0.52
MILE 420.49	616.39	271337.	3.49	77753.	9574.	5.69	0.0230	5825.	37.	0.22
MILE 416.28	614.57	270662.	3.75	72267.	8206.	5.58	0.0270	5811.	35.	0.22
MILE 412.08	611.80	272861.	4.81	56735.	5127.	8.86	0.0270	5825.	35.	0.25
MILE 407.88	609.57	276002.	4.04	68317.	6991.	7.26	0.0270	5825.	33.	0.23
MILE 403.67	607.22	280166.	3.78	74044.	4728.	5.72	0.0240	5811.	34.	0.17
MILE 399.47	604.92	278776.	3.47	80273.	18335.	6.79	0.0220	5825.	41.	0.29
MILE 395.26	602.79	282259.	5.62	50247.	18661.	9.64	0.0220	5811.	44.	0.60
MILE 391.06	601.13	282113.	4.67	60427.	2770.	8.20	0.0220	4295.	35.	0.18
MILE 386.85	599.95	283243.	3.67	77153.	5321.	6.92	0.0210	2772.	41.	0.17
MILE 382.64	598.97	284307.	2.97	95737.	12647.	6.93	0.0210	2766.	36.	0.19
MILE 378.44	598.07	282403.	3.57	79019.	14905.	6.17	0.0210	2766.	42.	0.27
MILE 374.23	597.52	279118.	2.33	119746.	14607.	7.07	0.0210	2772.	39.	0.14

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MILE 370.03	597.11	276283.	2.17	127224.	8482.	7.53	0.0210	2772.	47.	0.10
MILE 365.82	596.50	276234.	1.96	140717.	7926.	7.26	0.0210	2766.	43.	0.08
MILE 361.62	596.15	274813.	2.22	123839.	13183.	8.20	0.0210	2772.	51.	0.13
MILE 357.41	595.91	274057.	1.85	147861.	25158.	7.94	0.0210	2766.	59.	0.13
MILE 353.21	595.73	272068.	2.34	116116.	6976.	9.50	0.0230	2772.	59.	0.10
MILE 349.00	595.20	273762.	2.29	119373.	3855.	9.93	0.0240	2772.	61.	0.07

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.35	250900.	4.82	52105.	18912.	9.96	0.0230	25111.	42.	0.51
MILE 420.49	616.47	271389.	3.47	78266.	9605.	5.70	0.0230	5611.	37.	0.21
MILE 416.28	614.64	272908.	3.75	72844.	8232.	5.58	0.0270	5598.	35.	0.22
MILE 412.08	611.88	275201.	4.83	56946.	5141.	8.87	0.0270	5611.	35.	0.26
MILE 407.88	609.64	277669.	4.04	68668.	7015.	7.26	0.0270	5611.	33.	0.23
MILE 403.67	607.28	281400.	3.78	74515.	4746.	5.71	0.0240	5598.	34.	0.17
MILE 399.47	604.99	280129.	3.47	80697.	18428.	6.79	0.0220	5611.	41.	0.29
MILE 395.26	602.86	283572.	5.62	50425.	18741.	9.64	0.0220	5598.	44.	0.60
MILE 391.06	601.19	283724.	4.68	60634.	2773.	8.21	0.0220	4151.	35.	0.18
MILE 386.85	600.02	284878.	3.68	77428.	5324.	6.93	0.0210	2697.	41.	0.17
MILE 382.64	599.04	285916.	2.98	96078.	12701.	6.95	0.0210	2691.	36.	0.19
MILE 378.44	598.13	283998.	3.58	79359.	14961.	6.19	0.0210	2691.	42.	0.27
MILE 374.23	597.58	281012.	2.34	120144.	14621.	7.09	0.0210	2697.	39.	0.14
MILE 370.03	597.17	278711.	2.18	127588.	8489.	7.54	0.0210	2697.	47.	0.10
MILE 365.82	596.55	278899.	1.98	141111.	7931.	7.27	0.0210	2691.	43.	0.08
MILE 361.62	596.21	277716.	2.24	124110.	13195.	8.22	0.0210	2697.	51.	0.13
MILE 357.41	595.96	276137.	1.86	148237.	25192.	7.94	0.0210	2691.	59.	0.14
MILE 353.21	595.79	270169.	2.32	116386.	6983.	9.52	0.0230	2697.	59.	0.10
MILE 349.00	595.30	269977.	2.25	119754.	3858.	9.95	0.0240	2697.	61.	0.07

ODATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.41	252200.	4.83	52238.	18958.	9.97	0.0230	24465.	42.	0.51
MILE 420.49	616.54	272611.	3.46	78698.	9630.	5.70	0.0230	5455.	38.	0.21
MILE 416.28	614.70	274289.	3.74	73286.	8253.	5.57	0.0270	5442.	36.	0.22
MILE 412.08	611.95	276698.	4.84	57139.	5154.	8.87	0.0270	5455.	35.	0.26
MILE 407.88	609.71	279253.	4.04	69038.	7040.	7.26	0.0270	5455.	33.	0.23
MILE 403.67	607.35	282920.	3.77	75009.	4765.	5.69	0.0240	5442.	34.	0.17
MILE 399.47	605.06	281459.	3.47	81021.	18518.	6.79	0.0220	5455.	41.	0.29
MILE 395.26	602.92	284851.	5.63	50592.	18817.	9.64	0.0220	5442.	44.	0.61

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MILE 391.06	601.25	285125.	4.69	60831.	2776.	8.22	0.0220	4046.	35.	0.18
MILE 386.85	600.08	286310.	3.69	77693.	5327.	6.95	0.0210	2645.	41.	0.17
MILE 382.64	599.10	287396.	2.98	96406.	12753.	6.96	0.0210	2638.	36.	0.19
MILE 378.44	598.19	285744.	3.59	79679.	15014.	6.20	0.0210	2638.	42.	0.27
MILE 374.23	597.64	283180.	2.35	120514.	14635.	7.10	0.0210	2645.	39.	0.14
MILE 370.03	597.23	280762.	2.19	127945.	8497.	7.55	0.0210	2645.	47.	0.10
MILE 365.82	596.61	280191.	1.98	141553.	7937.	7.28	0.0210	2638.	43.	0.08
MILE 361.62	596.27	277172.	2.23	124462.	13209.	8.23	0.0210	2645.	51.	0.13
MILE 357.41	596.03	275207.	1.85	148711.	25236.	7.95	0.0210	2638.	60.	0.13
MILE 353.21	595.85	271931.	2.33	116607.	6989.	9.53	0.0230	2645.	59.	0.10
MILE 349.00	595.33	273158.	2.28	119868.	3859.	9.96	0.0240	2644.	61.	0.07

0DATE 3-17-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.45	251900.	4.81	52320.	18986.	9.97	0.0230	23904.	42.	0.51
MILE 420.49	616.59	272813.	3.45	79029.	9650.	5.70	0.0230	5299.	38.	0.21
MILE 416.28	614.76	275254.	3.74	73671.	8270.	5.57	0.0270	5287.	36.	0.22
MILE 412.08	612.02	277971.	4.85	57316.	5166.	8.88	0.0270	5299.	35.	0.26
MILE 407.88	609.77	280630.	4.04	69382.	7063.	7.26	0.0270	5299.	34.	0.23
MILE 403.67	607.41	284248.	3.77	75481.	4783.	5.68	0.0240	5287.	34.	0.17
MILE 399.47	605.13	282851.	3.48	81327.	18605.	6.79	0.0220	5299.	41.	0.29
MILE 395.26	602.99	286165.	5.64	50752.	18889.	9.64	0.0220	5287.	44.	0.61
MILE 391.06	601.31	286493.	4.70	61020.	2778.	8.23	0.0220	3942.	35.	0.18
MILE 386.85	600.14	287708.	3.69	77946.	5330.	6.96	0.0210	2592.	41.	0.17
MILE 382.64	599.16	288830.	2.99	96718.	12803.	6.97	0.0210	2586.	36.	0.19
MILE 378.44	598.25	287248.	3.59	79990.	15065.	6.21	0.0210	2586.	42.	0.27
MILE 374.23	597.70	283941.	2.35	120902.	14649.	7.11	0.0210	2592.	39.	0.14
MILE 370.03	597.29	281001.	2.19	128332.	8505.	7.57	0.0210	2592.	47.	0.10
MILE 365.82	596.68	280896.	1.98	142012.	7942.	7.30	0.0210	2586.	43.	0.08
MILE 361.62	596.33	279583.	2.24	124769.	13222.	8.24	0.0210	2592.	51.	0.13
MILE 357.41	596.08	278792.	1.87	149076.	25269.	7.95	0.0210	2586.	60.	0.14
MILE 353.21	595.90	276692.	2.37	116792.	6994.	9.54	0.0230	2592.	59.	0.10
MILE 349.00	595.36	278227.	2.32	119983.	3860.	9.96	0.0240	2592.	61.	0.07

0DATE 3-18-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.48	251600.	4.80	52374.	19005.	9.97	0.0230	23343.	42.	0.51
MILE 420.49	616.63	272812.	3.44	79274.	9664.	5.71	0.0230	5143.	38.	0.21
MILE 416.28	614.80	275809.	3.73	73970.	8283.	5.56	0.0270	5131.	36.	0.22

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MILE 412.08	612.07	278849.	4.85	57465.	5176.	8.88	0.0270	5143.	35.	0.26
MILE 407.88	609.83	281726.	4.04	69691.	7083.	7.26	0.0270	5143.	34.	0.23
MILE 403.67	607.47	285368.	3.76	75921.	4799.	5.67	0.0240	5131.	34.	0.17
MILE 399.47	605.19	284188.	3.48	81620.	18687.	6.79	0.0220	5143.	41.	0.29
MILE 395.26	603.05	287445.	5.65	50907.	18959.	9.64	0.0220	5131.	45.	0.61
MILE 391.06	601.37	287821.	4.70	61201.	2781.	8.24	0.0220	3838.	35.	0.18
MILE 386.85	600.19	289002.	3.70	78190.	5333.	6.98	0.0210	2539.	41.	0.17
MILE 382.64	599.21	290050.	2.99	97024.	12852.	6.99	0.0210	2533.	36.	0.19
MILE 378.44	598.30	288330.	3.59	80305.	15117.	6.23	0.0210	2533.	42.	0.27
MILE 374.23	597.76	285504.	2.35	121274.	14663.	7.13	0.0210	2539.	39.	0.14
MILE 370.03	597.35	283359.	2.20	128672.	8512.	7.58	0.0210	2539.	47.	0.10
MILE 365.82	596.73	283533.	1.99	142380.	7947.	7.31	0.0210	2533.	44.	0.08
MILE 361.62	596.38	282536.	2.26	125019.	13232.	8.25	0.0210	2539.	51.	0.13
MILE 357.41	596.12	281970.	1.89	149393.	25298.	7.95	0.0210	2533.	60.	0.14
MILE 353.21	595.94	279724.	2.39	116968.	6998.	9.55	0.0230	2539.	59.	0.10
MILE 349.00	595.40	280984.	2.34	120135.	3861.	9.97	0.0240	2539.	61.	0.07

0DATE 3-18-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.50	251600.	4.80	52419.	19020.	9.97	0.0230	22927.	42.	0.51
MILE 420.49	616.65	272857.	3.43	79463.	9675.	5.71	0.0230	4997.	38.	0.21
MILE 416.28	614.83	276158.	3.72	74203.	8294.	5.56	0.0270	4985.	36.	0.22
MILE 412.08	612.11	279447.	4.85	57588.	5184.	8.88	0.0270	4997.	36.	0.26
MILE 407.88	609.88	282541.	4.04	69956.	7101.	7.25	0.0270	4997.	34.	0.23
MILE 403.67	607.52	286228.	3.75	76318.	4814.	5.66	0.0240	4985.	34.	0.17
MILE 399.47	605.25	285385.	3.48	81896.	18765.	6.79	0.0220	4997.	41.	0.29
MILE 395.26	603.11	288613.	5.65	51055.	19025.	9.65	0.0220	4985.	45.	0.61
MILE 391.06	601.43	289019.	4.71	61377.	2783.	8.25	0.0220	3731.	35.	0.18
MILE 386.85	600.25	290193.	3.70	78429.	5335.	6.99	0.0210	2471.	41.	0.17
MILE 382.64	599.27	291266.	2.99	97323.	12900.	7.00	0.0210	2465.	36.	0.19
MILE 378.44	598.36	289821.	3.60	80598.	15165.	6.24	0.0210	2465.	42.	0.27
MILE 374.23	597.81	287524.	2.36	121610.	14675.	7.14	0.0210	2471.	39.	0.14
MILE 370.03	597.40	285732.	2.22	128982.	8518.	7.59	0.0210	2471.	47.	0.10
MILE 365.82	596.77	285913.	2.00	142724.	7951.	7.32	0.0210	2465.	44.	0.08
MILE 361.62	596.42	284742.	2.27	125263.	13242.	8.26	0.0210	2471.	51.	0.13
MILE 357.41	596.17	283837.	1.90	149716.	25328.	7.96	0.0210	2465.	60.	0.14
MILE 353.21	595.99	280670.	2.40	117157.	7003.	9.56	0.0230	2471.	59.	0.10
MILE 349.00	595.45	281519.	2.34	120325.	3863.	9.98	0.0240	2471.	61.	0.07

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.51	251600.	4.80	52453.	19032.	9.97	0.0230	22511.	43.	0.51
MILE 420.49	616.68	272863.	3.43	79609.	9683.	5.71	0.0230	4851.	38.	0.21
MILE 416.28	614.85	276400.	3.72	74388.	8302.	5.56	0.0270	4840.	36.	0.22
MILE 412.08	612.15	279874.	4.85	57688.	5191.	8.88	0.0270	4851.	36.	0.26
MILE 407.88	609.92	283139.	4.03	70182.	7116.	7.25	0.0270	4851.	34.	0.23
MILE 403.67	607.57	286859.	3.74	76672.	4827.	5.66	0.0240	4840.	34.	0.17
MILE 399.47	605.31	286409.	3.49	82152.	18837.	6.79	0.0220	4851.	41.	0.29
MILE 395.26	603.16	289630.	5.66	51195.	19088.	9.65	0.0220	4840.	45.	0.61
MILE 391.06	601.48	290181.	4.72	61544.	2786.	8.26	0.0220	3624.	35.	0.18
MILE 386.85	600.30	291385.	3.70	78654.	5338.	7.00	0.0210	2403.	41.	0.17
MILE 382.64	599.32	292504.	3.00	97601.	12944.	7.02	0.0210	2397.	36.	0.19
MILE 378.44	598.41	291290.	3.60	80871.	15210.	6.25	0.0210	2397.	42.	0.28
MILE 374.23	597.86	289147.	2.37	121928.	14687.	7.15	0.0210	2403.	39.	0.15
MILE 370.03	597.45	287332.	2.22	129285.	8524.	7.61	0.0210	2403.	47.	0.10
MILE 365.82	596.82	287377.	2.01	143078.	7956.	7.33	0.0210	2397.	44.	0.08
MILE 361.62	596.47	285897.	2.28	125522.	13252.	8.28	0.0210	2403.	51.	0.13
MILE 357.41	596.22	284688.	1.90	150065.	25360.	7.96	0.0210	2397.	60.	0.14
MILE 353.21	596.04	281214.	2.40	117354.	7009.	9.57	0.0230	2403.	59.	0.10
MILE 349.00	595.50	281921.	2.34	120516.	3864.	9.99	0.0240	2402.	61.	0.07

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.52	251300.	4.79	52467.	19036.	9.97	0.0230	22005.	43.	0.51
MILE 420.49	616.69	272625.	3.42	79707.	9689.	5.71	0.0230	4705.	38.	0.21
MILE 416.28	614.87	276483.	3.71	74527.	8308.	5.56	0.0270	4694.	36.	0.22
MILE 412.08	612.18	280149.	4.85	57769.	5196.	8.88	0.0270	4705.	36.	0.26
MILE 407.88	609.95	283566.	4.03	70371.	7129.	7.25	0.0270	4705.	34.	0.23
MILE 403.67	607.61	287311.	3.73	76983.	4838.	5.65	0.0240	4694.	34.	0.16
MILE 399.47	605.36	287280.	3.49	82386.	18902.	6.79	0.0220	4705.	41.	0.29
MILE 395.26	603.21	290514.	5.66	51326.	19147.	9.65	0.0220	4694.	45.	0.61
MILE 391.06	601.53	291281.	4.72	61698.	2788.	8.27	0.0220	3517.	35.	0.18
MILE 386.85	600.35	292508.	3.71	78863.	5340.	7.02	0.0210	2334.	41.	0.17
MILE 382.64	599.37	293642.	3.00	97862.	12986.	7.03	0.0210	2329.	36.	0.19
MILE 378.44	598.46	292529.	3.61	81131.	15253.	6.26	0.0210	2329.	42.	0.28
MILE 374.23	597.91	290296.	2.37	122241.	14698.	7.16	0.0210	2334.	39.	0.15
MILE 370.03	597.50	288345.	2.23	129589.	8530.	7.62	0.0210	2334.	47.	0.10
MILE 365.82	596.87	288313.	2.01	143441.	7960.	7.34	0.0210	2329.	44.	0.08
MILE 361.62	596.52	286852.	2.28	125785.	13263.	8.29	0.0210	2334.	51.	0.13
MILE 357.41	596.27	286075.	1.90	150399.	25390.	7.96	0.0210	2329.	60.	0.14
MILE 353.21	596.08	284433.	2.42	117510.	7013.	9.58	0.0230	2334.	59.	0.10
MILE 349.00	595.52	285892.	2.37	120592.	3865.	10.00	0.0240	2334.	61.	0.07

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TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE								
MILE 424.70	618.49	248400.	4.74	52399.	19013.	9.97	0.0230	21534.	42. 0.50
MILE 420.49	616.69	270828.	3.40	79665.	9687.	5.71	0.0230	4594.	38. 0.21
MILE 416.28	614.88	275912.	3.70	74583.	8311.	5.56	0.0270	4583.	36. 0.22
MILE 412.08	612.20	280127.	4.84	57827.	5200.	8.89	0.0270	4594.	36. 0.26
MILE 407.88	609.98	283804.	4.02	70528.	7139.	7.25	0.0270	4594.	34. 0.23
MILE 403.67	607.65	287609.	3.72	77257.	4848.	5.65	0.0240	4583.	34. 0.16
MILE 399.47	605.41	288009.	3.49	82600.	18962.	6.79	0.0220	4594.	41. 0.29
MILE 395.26	603.26	291277.	5.66	51447.	19201.	9.65	0.0220	4583.	45. 0.61
MILE 391.06	601.57	292250.	4.73	61843.	2790.	8.27	0.0220	3439.	35. 0.18
MILE 386.85	600.40	293497.	3.71	79060.	5342.	7.03	0.0210	2290.	41. 0.17
MILE 382.64	599.42	294630.	3.00	98111.	13025.	7.04	0.0210	2284.	36. 0.19
MILE 378.44	598.50	293539.	3.61	81385.	15295.	6.27	0.0210	2284.	42. 0.28
MILE 374.23	597.96	291297.	2.38	122548.	14709.	7.17	0.0210	2290.	39. 0.15
MILE 370.03	597.54	289545.	2.23	129879.	8536.	7.63	0.0210	2290.	48. 0.10
MILE 365.82	596.92	289862.	2.02	143766.	7964.	7.35	0.0210	2284.	44. 0.08
MILE 361.62	596.56	289280.	2.30	126002.	13272.	8.30	0.0210	2290.	51. 0.13
MILE 357.41	596.30	289025.	1.92	150665.	25415.	7.97	0.0210	2284.	60. 0.14
MILE 353.21	596.11	287467.	2.44	117654.	7016.	9.59	0.0230	2290.	59. 0.11
MILE 349.00	595.55	288784.	2.39	120706.	3866.	10.00	0.0240	2290.	61. 0.08

ODATE 3-18-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE								
MILE 424.70	618.43	245000.	4.69	52282.	18973.	9.97	0.0230	21153.	42. 0.50
MILE 420.49	616.66	268462.	3.38	79480.	9676.	5.71	0.0230	4483.	38. 0.21
MILE 416.28	614.87	274632.	3.69	74506.	8307.	5.56	0.0270	4472.	36. 0.22
MILE 412.08	612.21	279512.	4.83	57846.	5201.	8.89	0.0270	4483.	36. 0.26
MILE 407.88	610.00	283639.	4.02	70632.	7146.	7.25	0.0270	4483.	34. 0.23
MILE 403.67	607.68	287626.	3.71	77482.	4857.	5.64	0.0240	4472.	34. 0.16
MILE 399.47	605.45	288581.	3.49	82791.	19015.	6.79	0.0220	4483.	41. 0.29
MILE 395.26	603.30	291904.	5.66	51559.	19251.	9.65	0.0220	4472.	45. 0.61
MILE 391.06	601.61	293073.	4.73	61978.	2792.	8.28	0.0220	3361.	35. 0.18
MILE 386.85	600.44	294340.	3.71	79248.	5345.	7.04	0.0210	2246.	41. 0.17
MILE 382.64	599.46	295487.	3.00	98350.	13063.	7.05	0.0210	2240.	36. 0.19
MILE 378.44	598.55	294538.	3.61	81628.	15335.	6.28	0.0210	2240.	42. 0.28
MILE 374.23	598.00	292804.	2.38	122829.	14719.	7.18	0.0210	2246.	39. 0.15
MILE 370.03	597.58	291542.	2.24	130136.	8542.	7.64	0.0210	2246.	48. 0.10
MILE 365.82	596.96	291926.	2.03	144048.	7968.	7.36	0.0210	2240.	44. 0.08

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MILE 361.62	596.60	291214.	2.31	126201.	13280.	8.30	0.0210	2246.	51.	0.13
MILE 357.41	596.34	290589.	1.93	150936.	25439.	7.97	0.0210	2240.	60.	0.14
MILE 353.21	596.15	287743.	2.44	117821.	7021.	9.60	0.0230	2246.	59.	0.11
MILE 349.00	595.60	288425.	2.39	120897.	3867.	10.01	0.0240	2245.	61.	0.08

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.40	245000.	4.69	52219.	18951.	9.97	0.0230	20772.	42.	0.50
MILE 420.49	616.63	267751.	3.38	79306.	9666.	5.71	0.0230	4372.	38.	0.21
MILE 416.28	614.85	273529.	3.68	74357.	8301.	5.56	0.0270	4361.	36.	0.22
MILE 412.08	612.20	278545.	4.82	57828.	5200.	8.89	0.0270	4372.	36.	0.25
MILE 407.88	610.01	283052.	4.01	70666.	7149.	7.25	0.0270	4372.	34.	0.22
MILE 403.67	607.70	287213.	3.70	77639.	4862.	5.64	0.0240	4361.	34.	0.16
MILE 399.47	605.48	288911.	3.48	82956.	19061.	6.79	0.0220	4372.	41.	0.29
MILE 395.26	603.34	292333.	5.66	51661.	19296.	9.65	0.0220	4361.	45.	0.61
MILE 391.06	601.65	293764.	4.73	62103.	2793.	8.29	0.0220	3284.	35.	0.18
MILE 386.85	600.48	295090.	3.72	79422.	5346.	7.05	0.0210	2201.	41.	0.17
MILE 382.64	599.51	296308.	3.01	98573.	13099.	7.06	0.0210	2196.	36.	0.19
MILE 378.44	598.59	295640.	3.61	81850.	15372.	6.29	0.0210	2196.	42.	0.28
MILE 374.23	598.04	294145.	2.39	123088.	14729.	7.19	0.0210	2201.	40.	0.15
MILE 370.03	597.62	292870.	2.25	130386.	8547.	7.65	0.0210	2201.	48.	0.10
MILE 365.82	597.00	293051.	2.03	144346.	7971.	7.37	0.0210	2196.	44.	0.08
MILE 361.62	596.64	291937.	2.31	126421.	13289.	8.31	0.0210	2201.	51.	0.13
MILE 357.41	596.38	291693.	1.93	151211.	25464.	7.97	0.0210	2196.	60.	0.14
MILE 353.21	596.18	291415.	2.47	117930.	7024.	9.60	0.0230	2201.	59.	0.11
MILE 349.00	595.60	293295.	2.43	120897.	3867.	10.01	0.0240	2201.	61.	0.08

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.44	250300.	4.79	52301.	18979.	9.97	0.0230	20364.	42.	0.51
MILE 420.49	616.64	270128.	3.40	79353.	9669.	5.71	0.0230	4264.	38.	0.21
MILE 416.28	614.84	273767.	3.68	74300.	8298.	5.56	0.0270	4254.	36.	0.22
MILE 412.08	612.19	278027.	4.81	57807.	5199.	8.89	0.0270	4264.	36.	0.25
MILE 407.88	610.01	282432.	4.00	70668.	7149.	7.25	0.0270	4264.	34.	0.22
MILE 403.67	607.71	286609.	3.69	77739.	4866.	5.64	0.0240	4254.	34.	0.16
MILE 399.47	605.51	288993.	3.48	83090.	19098.	6.79	0.0220	4264.	41.	0.29
MILE 395.26	603.37	292527.	5.65	51751.	19336.	9.65	0.0220	4254.	45.	0.61
MILE 391.06	601.69	294340.	4.73	62214.	2795.	8.29	0.0220	3204.	35.	0.18
MILE 386.85	600.52	295734.	3.72	79580.	5348.	7.06	0.0210	2148.	41.	0.17

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MILE 382.64	599.54	297004.	3.01	98777.	13131.	7.07	0.0210	2143.	36.	0.19
MILE 378.44	598.63	296491.	3.61	82060.	15406.	6.30	0.0210	2143.	42.	0.28
MILE 374.23	598.08	294904.	2.39	123343.	14738.	7.20	0.0210	2148.	40.	0.15
MILE 370.03	597.66	293783.	2.25	130627.	8552.	7.66	0.0210	2148.	48.	0.10
MILE 365.82	597.03	294482.	2.04	144606.	7975.	7.38	0.0210	2143.	44.	0.08
MILE 361.62	596.67	294671.	2.33	126583.	13296.	8.32	0.0210	2148.	51.	0.13
MILE 357.41	596.41	294787.	1.95	151411.	25482.	7.97	0.0210	2143.	60.	0.14
MILE 353.21	596.21	293116.	2.48	118059.	7027.	9.61	0.0230	2148.	59.	0.11
MILE 349.00	595.64	294126.	2.43	121049.	3869.	10.02	0.0240	2148.	61.	0.08

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.45	250500.	4.79	52311.	18983.	9.97	0.0230	19957.	42.	0.51
MILE 420.49	616.65	270252.	3.40	79402.	9671.	5.71	0.0230	4157.	38.	0.21
MILE 416.28	614.85	274197.	3.69	74351.	8301.	5.56	0.0270	4147.	36.	0.22
MILE 412.08	612.20	278240.	4.81	57817.	5200.	8.89	0.0270	4157.	36.	0.25
MILE 407.88	610.02	282262.	3.99	70686.	7151.	7.25	0.0270	4157.	34.	0.22
MILE 403.67	607.72	286260.	3.68	77825.	4869.	5.63	0.0240	4147.	34.	0.16
MILE 399.47	605.53	288974.	3.47	83197.	19128.	6.79	0.0220	4157.	41.	0.29
MILE 395.26	603.40	292564.	5.64	51827.	19370.	9.65	0.0220	4147.	45.	0.61
MILE 391.06	601.72	294743.	4.73	62311.	2796.	8.30	0.0220	3123.	35.	0.18
MILE 386.85	600.55	296186.	3.72	79721.	5350.	7.06	0.0210	2095.	41.	0.17
MILE 382.64	599.58	297488.	3.01	98964.	13161.	7.08	0.0210	2090.	36.	0.19
MILE 378.44	598.66	297176.	3.61	82254.	15438.	6.31	0.0210	2090.	42.	0.28
MILE 374.23	598.11	296291.	2.40	123566.	14746.	7.21	0.0210	2095.	40.	0.15
MILE 370.03	597.70	295701.	2.26	130828.	8556.	7.66	0.0210	2095.	48.	0.10
MILE 365.82	597.06	296193.	2.05	144833.	7977.	7.39	0.0210	2090.	44.	0.08
MILE 361.62	596.70	295466.	2.33	126758.	13303.	8.33	0.0210	2095.	51.	0.13
MILE 357.41	596.45	294635.	1.94	151673.	25506.	7.98	0.0210	2090.	60.	0.14
MILE 353.21	596.26	291150.	2.46	118231.	7032.	9.62	0.0230	2095.	59.	0.11
MILE 349.00	595.70	291357.	2.40	121277.	3870.	10.03	0.0240	2095.	61.	0.08

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.44	250300.	4.79	52301.	18979.	9.97	0.0230	19579.	42.	0.51
MILE 420.49	616.65	270098.	3.40	79412.	9672.	5.71	0.0230	4049.	38.	0.21
MILE 416.28	614.85	274253.	3.69	74376.	8302.	5.56	0.0270	4039.	36.	0.22
MILE 412.08	612.20	278292.	4.81	57830.	5200.	8.89	0.0270	4049.	36.	0.25
MILE 407.88	610.02	282237.	3.99	70719.	7153.	7.25	0.0270	4049.	34.	0.22

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MILE 403.67	607.74	286159.	3.67	77918.	4872.	5.63	0.0240	4039.	34.	0.16
MILE 399.47	605.55	289005.	3.47	83291.	19154.	6.79	0.0220	4049.	41.	0.29
MILE 395.26	603.43	292587.	5.64	51893.	19399.	9.65	0.0220	4039.	45.	0.61
MILE 391.06	601.74	295006.	4.73	62396.	2797.	8.30	0.0220	3043.	35.	0.18
MILE 386.85	600.58	296514.	3.71	79846.	5351.	7.07	0.0210	2043.	41.	0.17
MILE 382.64	599.61	297906.	3.01	99131.	13188.	7.09	0.0210	2038.	36.	0.19
MILE 378.44	598.69	297933.	3.61	82425.	15466.	6.32	0.0210	2038.	42.	0.28
MILE 374.23	598.15	297006.	2.40	123774.	14754.	7.21	0.0210	2043.	40.	0.15
MILE 370.03	597.73	296022.	2.26	131042.	8560.	7.67	0.0210	2043.	48.	0.10
MILE 365.82	597.10	296159.	2.04	145115.	7981.	7.39	0.0210	2038.	44.	0.08
MILE 361.62	596.74	294886.	2.32	126978.	13312.	8.34	0.0210	2043.	51.	0.13
MILE 357.41	596.49	294415.	1.94	151958.	25532.	7.98	0.0210	2038.	60.	0.14
MILE 353.21	596.28	293922.	2.48	118342.	7035.	9.62	0.0230	2043.	59.	0.11
MILE 349.00	595.70	295588.	2.44	121277.	3870.	10.03	0.0240	2042.	61.	0.08

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.44	250500.	4.79	52292.	18976.	9.97	0.0230	19225.	42.	0.51
MILE 420.49	616.65	270061.	3.40	79406.	9672.	5.71	0.0230	3965.	38.	0.21
MILE 416.28	614.85	274208.	3.69	74379.	8302.	5.56	0.0270	3956.	36.	0.22
MILE 412.08	612.20	278239.	4.81	57837.	5201.	8.89	0.0270	3965.	36.	0.25
MILE 407.88	610.03	282181.	3.99	70747.	7155.	7.25	0.0270	3965.	34.	0.22
MILE 403.67	607.75	286068.	3.67	78003.	4876.	5.63	0.0240	3956.	34.	0.16
MILE 399.47	605.57	289054.	3.47	83374.	19177.	6.79	0.0220	3965.	41.	0.29
MILE 395.26	603.45	292634.	5.63	51950.	19425.	9.65	0.0220	3956.	45.	0.61
MILE 391.06	601.77	295240.	4.73	62470.	2798.	8.31	0.0220	2982.	35.	0.18
MILE 386.85	600.61	296777.	3.71	79956.	5353.	7.08	0.0210	2004.	42.	0.17
MILE 382.64	599.64	298179.	3.00	99280.	13212.	7.09	0.0210	1999.	36.	0.19
MILE 378.44	598.73	298199.	3.61	82590.	15493.	6.32	0.0210	1999.	42.	0.28
MILE 374.23	598.18	296940.	2.39	123990.	14762.	7.22	0.0210	2004.	40.	0.15
MILE 370.03	597.76	295991.	2.26	131256.	8565.	7.68	0.0210	2004.	48.	0.10
MILE 365.82	597.14	296711.	2.04	145360.	7984.	7.40	0.0210	1999.	44.	0.08
MILE 361.62	596.77	297098.	2.34	127129.	13318.	8.34	0.0210	2004.	51.	0.13
MILE 357.41	596.51	297881.	1.96	152120.	25547.	7.98	0.0210	1999.	60.	0.14
MILE 353.21	596.30	298700.	2.52	118412.	7036.	9.63	0.0230	2004.	59.	0.11
MILE 349.00	595.70	300672.	2.48	121277.	3870.	10.03	0.0240	2004.	61.	0.08

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	618.44	250900.	4.80	52285.	18974.	9.97	0.0230	18842.	42.	0.51
MILE 420.49	616.64	270103.	3.40	79398.	9671.	5.71	0.0230	3882.	38.	0.21
MILE 416.28	614.85	274183.	3.69	74377.	8302.	5.56	0.0270	3873.	36.	0.22
MILE 412.08	612.21	278175.	4.81	57842.	5201.	8.89	0.0270	3882.	36.	0.25
MILE 407.88	610.03	282103.	3.99	70769.	7157.	7.25	0.0270	3882.	34.	0.22
MILE 403.67	607.76	285954.	3.66	78076.	4878.	5.63	0.0240	3873.	34.	0.16
MILE 399.47	605.59	289095.	3.46	83447.	19197.	6.79	0.0220	3882.	41.	0.29
MILE 395.26	603.47	292670.	5.63	52000.	19447.	9.65	0.0220	3873.	45.	0.61
MILE 391.06	601.79	295381.	4.72	62538.	2799.	8.31	0.0220	2921.	35.	0.18
MILE 386.85	600.63	296905.	3.71	80059.	5354.	7.08	0.0210	1966.	42.	0.17
MILE 382.64	599.67	298282.	3.00	99423.	13234.	7.10	0.0210	1961.	36.	0.19
MILE 378.44	598.75	298360.	3.61	82748.	15519.	6.33	0.0210	1961.	42.	0.28
MILE 374.23	598.21	297857.	2.40	124174.	14768.	7.23	0.0210	1966.	40.	0.15
MILE 370.03	597.79	297828.	2.27	131415.	8568.	7.69	0.0210	1966.	48.	0.10
MILE 365.82	597.16	298885.	2.05	145513.	7986.	7.41	0.0210	1961.	44.	0.08
MILE 361.62	596.79	299626.	2.36	127224.	13322.	8.35	0.0210	1966.	51.	0.13
MILE 357.41	596.52	300490.	1.97	152236.	25557.	7.98	0.0210	1961.	60.	0.14
MILE 353.21	596.32	300511.	2.54	118484.	7038.	9.63	0.0230	1966.	59.	0.11
MILE 349.00	595.72	301934.	2.49	121354.	3871.	10.04	0.0240	1965.	61.	0.08

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.43	251100.	4.80	52272.	18970.	9.97	0.0230	18458.	42.	0.51
MILE 420.49	616.64	270032.	3.40	79382.	9670.	5.71	0.0230	3798.	38.	0.21
MILE 416.28	614.85	274134.	3.69	74369.	8301.	5.56	0.0270	3789.	36.	0.22
MILE 412.08	612.21	278112.	4.81	57843.	5201.	8.89	0.0270	3798.	36.	0.25
MILE 407.88	610.04	282020.	3.98	70785.	7159.	7.25	0.0270	3798.	34.	0.22
MILE 403.67	607.77	285830.	3.66	78136.	4880.	5.63	0.0240	3789.	34.	0.16
MILE 399.47	605.60	289104.	3.46	83510.	19214.	6.79	0.0220	3798.	42.	0.29
MILE 395.26	603.49	292660.	5.62	52045.	19467.	9.65	0.0220	3789.	45.	0.61
MILE 391.06	601.81	295439.	4.72	62600.	2800.	8.31	0.0220	2860.	35.	0.18
MILE 386.85	600.65	296996.	3.71	80153.	5355.	7.09	0.0210	1927.	42.	0.17
MILE 382.64	599.69	298449.	3.00	99552.	13255.	7.11	0.0210	1922.	36.	0.19
MILE 378.44	598.78	298922.	3.61	82879.	15541.	6.34	0.0210	1922.	42.	0.28
MILE 374.23	598.23	299051.	2.41	124317.	14774.	7.23	0.0210	1927.	40.	0.15
MILE 370.03	597.81	299383.	2.28	131543.	8571.	7.69	0.0210	1927.	48.	0.10
MILE 365.82	597.18	300415.	2.06	145648.	7987.	7.41	0.0210	1922.	44.	0.09
MILE 361.62	596.81	301122.	2.37	127310.	13326.	8.35	0.0210	1927.	51.	0.13
MILE 357.41	596.53	303367.	1.99	152293.	25562.	7.98	0.0210	1922.	60.	0.14
MILE 353.21	596.30	309035.	2.61	118418.	7037.	9.63	0.0230	1927.	59.	0.11
MILE 349.00	595.64	313035.	2.59	121049.	3869.	10.02	0.0240	1927.	61.	0.08

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.42	251100.	4.81	52255.	18964.	9.97	0.0230	18285.	42.	0.51
MILE 420.49	616.64	269893.	3.40	79350.	9668.	5.71	0.0230	3715.	38.	0.21
MILE 416.28	614.85	274022.	3.69	74350.	8300.	5.56	0.0270	3706.	36.	0.22
MILE 412.08	612.21	278009.	4.81	57840.	5201.	8.89	0.0270	3715.	36.	0.25
MILE 407.88	610.04	281915.	3.98	70795.	7159.	7.25	0.0270	3715.	34.	0.22
MILE 403.67	607.77	285687.	3.65	78183.	4882.	5.63	0.0240	3706.	34.	0.16
MILE 399.47	605.61	289076.	3.46	83564.	19229.	6.79	0.0220	3715.	42.	0.29
MILE 395.26	603.50	292614.	5.62	52085.	19484.	9.65	0.0220	3706.	45.	0.61
MILE 391.06	601.83	295535.	4.72	62653.	2801.	8.32	0.0220	2797.	35.	0.18
MILE 386.85	600.67	297138.	3.70	80233.	5356.	7.09	0.0210	1883.	42.	0.17
MILE 382.64	599.71	298663.	3.00	99659.	13272.	7.11	0.0210	1879.	37.	0.19
MILE 378.44	598.80	299412.	3.61	82987.	15558.	6.34	0.0210	1879.	42.	0.28
MILE 374.23	598.25	299778.	2.41	124438.	14778.	7.24	0.0210	1883.	40.	0.15
MILE 370.03	597.83	300865.	2.29	131634.	8572.	7.69	0.0210	1883.	48.	0.10
MILE 365.82	597.18	303102.	2.08	145673.	7988.	7.41	0.0210	1879.	44.	0.09
MILE 361.62	596.80	306489.	2.41	127262.	13324.	8.35	0.0210	1883.	51.	0.14
MILE 357.41	596.52	309310.	2.03	152189.	25553.	7.98	0.0210	1879.	60.	0.15
MILE 353.21	596.30	311189.	2.63	118409.	7036.	9.63	0.0230	1883.	59.	0.11
MILE 349.00	595.66	312957.	2.58	121125.	3869.	10.02	0.0240	1883.	61.	0.08

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.41	251100.	4.81	52238.	18958.	9.97	0.0230	18112.	42.	0.51
MILE 420.49	616.63	269789.	3.40	79310.	9666.	5.71	0.0230	3632.	38.	0.21
MILE 416.28	614.84	273897.	3.69	74319.	8299.	5.56	0.0270	3624.	36.	0.22
MILE 412.08	612.20	277871.	4.80	57833.	5201.	8.89	0.0270	3632.	36.	0.25
MILE 407.88	610.04	281773.	3.98	70798.	7160.	7.25	0.0270	3632.	34.	0.22
MILE 403.67	607.78	285512.	3.65	78217.	4883.	5.63	0.0240	3624.	34.	0.16
MILE 399.47	605.62	289031.	3.46	83609.	19241.	6.79	0.0220	3632.	42.	0.29
MILE 395.26	603.52	292560.	5.61	52119.	19499.	9.65	0.0220	3624.	45.	0.61
MILE 391.06	601.84	295635.	4.72	62697.	2802.	8.32	0.0220	2734.	35.	0.18
MILE 386.85	600.68	297263.	3.70	80298.	5356.	7.10	0.0210	1839.	42.	0.17
MILE 382.64	599.73	298841.	3.00	99745.	13286.	7.11	0.0210	1835.	37.	0.19
MILE 378.44	598.81	299992.	3.61	83065.	15571.	6.34	0.0210	1835.	42.	0.28
MILE 374.23	598.26	301901.	2.43	124490.	14780.	7.24	0.0210	1839.	40.	0.15
MILE 370.03	597.83	304027.	2.31	131647.	8573.	7.69	0.0210	1839.	48.	0.10
MILE 365.82	597.18	305753.	2.10	145647.	7987.	7.41	0.0210	1835.	44.	0.09
MILE 361.62	596.80	307052.	2.41	127257.	13324.	8.35	0.0210	1839.	51.	0.14
MILE 357.41	596.52	308357.	2.03	152215.	25555.	7.98	0.0210	1835.	60.	0.15
MILE 353.21	596.31	308752.	2.61	118439.	7037.	9.63	0.0230	1839.	59.	0.11

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MILE 349.00 595.68 309982. 2.56 121201. 3870. 10.03 0.0240 1839. 61. 0.08

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 618.40 251100. 4.81 52214. 18950. 9.97 0.0230 17729. 42. 0.51
MILE 420.49 616.62 269621. 3.40 79263. 9663. 5.71 0.0230 3549. 38. 0.21
MILE 416.28 614.84 273756. 3.69 74280. 8297. 5.56 0.0270 3541. 36. 0.22
MILE 412.08 612.20 277716. 4.80 57821. 5200. 8.89 0.0270 3549. 36. 0.25
MILE 407.88 610.04 281608. 3.98 70792. 7159. 7.25 0.0270 3549. 34. 0.22
MILE 403.67 607.78 285310. 3.65 78237. 4884. 5.63 0.0240 3541. 34. 0.16
MILE 399.47 605.63 288969. 3.45 83645. 19251. 6.79 0.0220 3549. 42. 0.29
MILE 395.26 603.53 292492. 5.61 52146. 19512. 9.65 0.0220 3541. 45. 0.60
MILE 391.06 601.85 295741. 4.71 62732. 2802. 8.32 0.0220 2670. 35. 0.18
MILE 386.85 600.70 297463. 3.70 80347. 5357. 7.10 0.0210 1796. 42. 0.17
MILE 382.64 599.74 299199. 3.00 99803. 13295. 7.12 0.0210 1791. 37. 0.19
MILE 378.44 598.82 300882. 3.62 83104. 15578. 6.34 0.0210 1791. 42. 0.28
MILE 374.23 598.26 302486. 2.43 124528. 14781. 7.24 0.0210 1796. 40. 0.15
MILE 370.03 597.83 303890. 2.31 131692. 8574. 7.70 0.0210 1796. 48. 0.10
MILE 365.82 597.19 305334. 2.10 145709. 7988. 7.41 0.0210 1791. 44. 0.09
MILE 361.62 596.81 306368. 2.41 127309. 13326. 8.35 0.0210 1796. 51. 0.14
MILE 357.41 596.53 307520. 2.02 152285. 25562. 7.98 0.0210 1791. 60. 0.15
MILE 353.21 596.31 308559. 2.60 118465. 7038. 9.63 0.0230 1796. 59. 0.11
MILE 349.00 595.68 310233. 2.56 121201. 3870. 10.03 0.0240 1795. 61. 0.08

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 618.39 251100. 4.81 52185. 18940. 9.97 0.0230 17362. 42. 0.51
MILE 420.49 616.61 269381. 3.40 79204. 9660. 5.71 0.0230 3482. 38. 0.21
MILE 416.28 614.83 273560. 3.69 74231. 8295. 5.56 0.0270 3474. 36. 0.22
MILE 412.08 612.19 277529. 4.80 57805. 5199. 8.89 0.0270 3482. 36. 0.25
MILE 407.88 610.04 281421. 3.98 70781. 7158. 7.25 0.0270 3482. 34. 0.22
MILE 403.67 607.78 285096. 3.64 78245. 4884. 5.63 0.0240 3474. 34. 0.16
MILE 399.47 605.64 288896. 3.45 83670. 19258. 6.79 0.0220 3482. 42. 0.29
MILE 395.26 603.54 292431. 5.61 52168. 19521. 9.65 0.0220 3474. 45. 0.60
MILE 391.06 601.86 295916. 4.72 62755. 2802. 8.32 0.0220 2622. 35. 0.18
MILE 386.85 600.70 297669. 3.70 80377. 5357. 7.10 0.0210 1765. 42. 0.17
MILE 382.64 599.74 299399. 3.00 99839. 13301. 7.12 0.0210 1761. 37. 0.19
MILE 378.44 598.83 300978. 3.62 83144. 15584. 6.35 0.0210 1761. 42. 0.28
MILE 374.23 598.27 302211. 2.43 124580. 14783. 7.24 0.0210 1765. 40. 0.15

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MILE 370.03	597.84	303426.	2.30	131745.	8575.	7.70	0.0210	1765.	48.	0.10
MILE 365.82	597.19	304962.	2.09	145772.	7989.	7.41	0.0210	1761.	44.	0.09
MILE 361.62	596.81	306383.	2.41	127351.	13327.	8.35	0.0210	1765.	51.	0.14
MILE 357.41	596.54	307578.	2.02	152343.	25567.	7.98	0.0210	1761.	60.	0.15
MILE 353.21	596.33	307958.	2.60	118511.	7039.	9.63	0.0230	1765.	59.	0.11
MILE 349.00	595.70	309184.	2.55	121277.	3870.	10.03	0.0240	1765.	61.	0.08

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.37	251100.	4.81	52151.	18928.	9.96	0.0230	16906.	42.	0.51
MILE 420.49	616.60	269097.	3.40	79133.	9656.	5.71	0.0230	3416.	38.	0.21
MILE 416.28	614.82	273323.	3.69	74172.	8293.	5.56	0.0270	3408.	36.	0.22
MILE 412.08	612.19	277305.	4.80	57785.	5197.	8.88	0.0270	3416.	36.	0.25
MILE 407.88	610.03	281208.	3.97	70763.	7157.	7.25	0.0270	3416.	34.	0.22
MILE 403.67	607.78	284865.	3.64	78241.	4884.	5.63	0.0240	3408.	34.	0.16
MILE 399.47	605.64	288826.	3.45	83687.	19263.	6.79	0.0220	3416.	42.	0.29
MILE 395.26	603.54	292372.	5.60	52183.	19528.	9.65	0.0220	3408.	45.	0.60
MILE 391.06	601.86	295969.	4.71	62772.	2803.	8.32	0.0220	2573.	35.	0.18
MILE 386.85	600.71	297708.	3.70	80402.	5358.	7.10	0.0210	1734.	42.	0.17
MILE 382.64	599.75	299401.	3.00	99873.	13306.	7.12	0.0210	1730.	37.	0.19
MILE 378.44	598.83	300925.	3.62	83182.	15590.	6.35	0.0210	1730.	42.	0.28
MILE 374.23	598.28	302243.	2.43	124627.	14785.	7.24	0.0210	1734.	40.	0.15
MILE 370.03	597.85	303517.	2.30	131790.	8576.	7.70	0.0210	1734.	48.	0.10
MILE 365.82	597.20	304940.	2.09	145828.	7990.	7.42	0.0210	1730.	44.	0.09
MILE 361.62	596.82	306633.	2.41	127378.	13329.	8.35	0.0210	1734.	51.	0.14
MILE 357.41	596.53	311509.	2.05	152245.	25558.	7.98	0.0210	1730.	60.	0.15
MILE 353.21	596.26	325873.	2.76	118228.	7032.	9.62	0.0230	1734.	59.	0.12
MILE 349.00	595.48	333485.	2.77	120440.	3864.	9.99	0.0240	1734.	61.	0.09

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.36	251100.	4.82	52113.	18915.	9.96	0.0230	16449.	42.	0.51
MILE 420.49	616.59	268769.	3.40	79052.	9651.	5.70	0.0230	3349.	38.	0.21
MILE 416.28	614.81	273043.	3.68	74101.	8289.	5.56	0.0270	3341.	36.	0.22
MILE 412.08	612.18	277047.	4.80	57760.	5196.	8.88	0.0270	3349.	36.	0.25
MILE 407.88	610.03	280969.	3.97	70738.	7155.	7.25	0.0270	3349.	34.	0.22
MILE 403.67	607.78	284611.	3.64	78224.	4884.	5.63	0.0240	3341.	34.	0.16
MILE 399.47	605.64	288726.	3.45	83694.	19265.	6.79	0.0220	3349.	42.	0.29
MILE 395.26	603.54	292265.	5.60	52192.	19532.	9.65	0.0220	3341.	45.	0.60

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MILE 391.06	601.87	295915.	4.71	62785.	2803.	8.32	0.0220	2524.	35.	0.18
MILE 386.85	600.71	297653.	3.70	80422.	5358.	7.10	0.0210	1704.	42.	0.17
MILE 382.64	599.76	299343.	3.00	99902.	13311.	7.12	0.0210	1700.	37.	0.19
MILE 378.44	598.84	300907.	3.62	83214.	15596.	6.35	0.0210	1700.	42.	0.28
MILE 374.23	598.28	302419.	2.43	124656.	14786.	7.25	0.0210	1704.	40.	0.15
MILE 370.03	597.85	305312.	2.32	131767.	8575.	7.70	0.0210	1704.	48.	0.10
MILE 365.82	597.17	309469.	2.13	145628.	7987.	7.41	0.0210	1700.	44.	0.09
MILE 361.62	596.76	317376.	2.50	127082.	13316.	8.34	0.0210	1704.	51.	0.14
MILE 357.41	596.45	324421.	2.14	151733.	25512.	7.98	0.0210	1700.	60.	0.15
MILE 353.21	596.20	332776.	2.82	118012.	7026.	9.61	0.0230	1704.	59.	0.12
MILE 349.00	595.45	336498.	2.80	120325.	3863.	9.98	0.0240	1704.	61.	0.09

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.33	250500.	4.81	52059.	18896.	9.96	0.0230	16166.	42.	0.51
MILE 420.49	616.57	268138.	3.40	78937.	9644.	5.70	0.0230	3276.	38.	0.21
MILE 416.28	614.80	272624.	3.68	74010.	8285.	5.56	0.0270	3268.	36.	0.22
MILE 412.08	612.17	276725.	4.79	57729.	5194.	8.88	0.0270	3276.	36.	0.25
MILE 407.88	610.02	280691.	3.97	70704.	7152.	7.25	0.0270	3276.	34.	0.22
MILE 403.67	607.77	284318.	3.64	78192.	4882.	5.63	0.0240	3268.	34.	0.16
MILE 399.47	605.64	288574.	3.45	83692.	19264.	6.79	0.0220	3276.	42.	0.29
MILE 395.26	603.55	292100.	5.60	52198.	19534.	9.65	0.0220	3268.	45.	0.60
MILE 391.06	601.87	295808.	4.71	62792.	2803.	8.32	0.0220	2470.	35.	0.18
MILE 386.85	600.72	297552.	3.70	80435.	5358.	7.10	0.0210	1667.	42.	0.17
MILE 382.64	599.76	299307.	3.00	99918.	13313.	7.12	0.0210	1663.	37.	0.19
MILE 378.44	598.84	301548.	3.62	83205.	15594.	6.35	0.0210	1663.	42.	0.28
MILE 374.23	598.27	306441.	2.46	124551.	14782.	7.24	0.0210	1667.	40.	0.15
MILE 370.03	597.82	311875.	2.37	131572.	8571.	7.69	0.0210	1667.	48.	0.11
MILE 365.82	597.12	315390.	2.17	145270.	7983.	7.40	0.0210	1663.	44.	0.09
MILE 361.62	596.71	319707.	2.52	126825.	13306.	8.33	0.0210	1667.	51.	0.14
MILE 357.41	596.41	323414.	2.14	151451.	25486.	7.97	0.0210	1663.	60.	0.15
MILE 353.21	596.18	325888.	2.76	117930.	7024.	9.60	0.0230	1667.	59.	0.12
MILE 349.00	595.48	327081.	2.72	120440.	3864.	9.99	0.0240	1667.	61.	0.09

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.31	250800.	4.82	52023.	18884.	9.96	0.0230	15883.	42.	0.51
MILE 420.49	616.56	267997.	3.40	78833.	9638.	5.70	0.0230	3203.	38.	0.21
MILE 416.28	614.79	272277.	3.68	73905.	8281.	5.56	0.0270	3196.	36.	0.22

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MILE 412.08	612.15	276335.	4.79	57690.	5191.	8.88	0.0270	3203.	36.	0.25
MILE 407.88	610.01	280336.	3.97	70659.	7148.	7.25	0.0270	3203.	34.	0.22
MILE 403.67	607.77	283955.	3.63	78142.	4881.	5.63	0.0240	3196.	34.	0.16
MILE 399.47	605.64	288364.	3.45	83680.	19261.	6.79	0.0220	3203.	42.	0.29
MILE 395.26	603.55	291886.	5.59	52198.	19534.	9.65	0.0220	3196.	45.	0.60
MILE 391.06	601.87	295785.	4.71	62790.	2803.	8.32	0.0220	2415.	35.	0.18
MILE 386.85	600.71	297722.	3.70	80427.	5358.	7.10	0.0210	1631.	42.	0.17
MILE 382.64	599.75	299829.	3.00	99888.	13309.	7.12	0.0210	1627.	37.	0.19
MILE 378.44	598.82	303238.	3.65	83119.	15580.	6.35	0.0210	1627.	42.	0.28
MILE 374.23	598.24	307949.	2.48	124405.	14777.	7.24	0.0210	1631.	40.	0.15
MILE 370.03	597.79	312075.	2.37	131433.	8568.	7.69	0.0210	1631.	48.	0.11
MILE 365.82	597.10	314590.	2.17	145111.	7981.	7.39	0.0210	1627.	44.	0.09
MILE 361.62	596.70	316918.	2.50	126738.	13302.	8.33	0.0210	1631.	51.	0.14
MILE 357.41	596.40	318947.	2.11	151374.	25479.	7.97	0.0210	1627.	60.	0.15
MILE 353.21	596.17	320774.	2.72	117890.	7023.	9.60	0.0230	1631.	59.	0.12
MILE 349.00	595.48	322274.	2.68	120440.	3864.	9.99	0.0240	1631.	61.	0.08

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.22	244700.	4.72	51821.	18814.	9.96	0.0230	15451.	42.	0.50
MILE 420.49	616.51	264285.	3.37	78497.	9618.	5.70	0.0230	3131.	38.	0.21
MILE 416.28	614.76	270820.	3.67	73714.	8272.	5.57	0.0270	3123.	36.	0.22
MILE 412.08	612.13	275705.	4.78	57639.	5188.	8.88	0.0270	3131.	36.	0.25
MILE 407.88	610.00	279910.	3.96	70600.	7144.	7.25	0.0270	3131.	34.	0.22
MILE 403.67	607.76	283551.	3.63	78076.	4878.	5.63	0.0240	3123.	34.	0.16
MILE 399.47	605.63	288143.	3.44	83657.	19255.	6.79	0.0220	3131.	42.	0.29
MILE 395.26	603.54	291704.	5.59	52191.	19531.	9.65	0.0220	3123.	45.	0.60
MILE 391.06	601.86	296028.	4.72	62770.	2803.	8.32	0.0220	2361.	35.	0.18
MILE 386.85	600.71	298055.	3.71	80387.	5357.	7.10	0.0210	1595.	42.	0.17
MILE 382.64	599.74	300197.	3.01	99819.	13298.	7.12	0.0210	1591.	37.	0.19
MILE 378.44	598.81	303446.	3.65	83034.	15566.	6.34	0.0210	1591.	42.	0.28
MILE 374.23	598.23	306881.	2.47	124309.	14773.	7.23	0.0210	1595.	40.	0.15
MILE 370.03	597.78	309816.	2.36	131357.	8567.	7.68	0.0210	1595.	48.	0.11
MILE 365.82	597.09	312076.	2.15	145044.	7980.	7.39	0.0210	1591.	44.	0.09
MILE 361.62	596.69	314574.	2.48	126699.	13301.	8.32	0.0210	1595.	51.	0.14
MILE 357.41	596.40	316837.	2.09	151322.	25474.	7.97	0.0210	1591.	60.	0.15
MILE 353.21	596.16	319618.	2.71	117855.	7022.	9.60	0.0230	1595.	59.	0.12
MILE 349.00	595.47	321500.	2.67	120401.	3863.	9.99	0.0240	1594.	61.	0.08

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.10	238600.	4.63	51549.	18720.	9.95	0.0230	15033.	42.	0.49
MILE 420.49	616.42	259949.	3.34	77945.	9586.	5.69	0.0230	3073.	37.	0.21
MILE 416.28	614.71	268146.	3.66	73313.	8254.	5.57	0.0270	3066.	36.	0.22
MILE 412.08	612.09	274025.	4.76	57534.	5181.	8.88	0.0270	3073.	35.	0.25
MILE 407.88	609.97	278902.	3.96	70480.	7136.	7.25	0.0270	3073.	34.	0.22
MILE 403.67	607.74	282807.	3.63	77972.	4874.	5.63	0.0240	3066.	34.	0.16
MILE 399.47	605.62	287906.	3.44	83622.	19245.	6.79	0.0220	3073.	42.	0.29
MILE 395.26	603.54	291557.	5.59	52176.	19525.	9.65	0.0220	3066.	45.	0.60
MILE 391.06	601.85	296105.	4.72	62741.	2802.	8.32	0.0220	2321.	35.	0.18
MILE 386.85	600.69	298097.	3.71	80339.	5357.	7.10	0.0210	1572.	42.	0.17
MILE 382.64	599.73	300120.	3.01	99752.	13287.	7.11	0.0210	1569.	37.	0.19
MILE 378.44	598.79	302943.	3.65	82969.	15555.	6.34	0.0210	1569.	42.	0.28
MILE 374.23	598.22	305882.	2.46	124238.	14771.	7.23	0.0210	1572.	40.	0.15
MILE 370.03	597.77	308652.	2.35	131291.	8565.	7.68	0.0210	1572.	48.	0.11
MILE 365.82	597.08	310899.	2.14	144973.	7979.	7.39	0.0210	1569.	44.	0.09
MILE 361.62	596.68	313575.	2.48	126648.	13299.	8.32	0.0210	1572.	51.	0.14
MILE 357.41	596.39	316254.	2.09	151245.	25467.	7.97	0.0210	1569.	60.	0.15
MILE 353.21	596.15	319999.	2.72	117801.	7020.	9.59	0.0230	1572.	59.	0.12
MILE 349.00	595.45	322246.	2.68	120325.	3863.	9.98	0.0240	1572.	61.	0.08

ODATE 3-18-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.02	238600.	4.64	51385.	18663.	9.94	0.0230	14670.	42.	0.49
MILE 420.49	616.35	258604.	3.34	77450.	9556.	5.69	0.0230	3015.	37.	0.21
MILE 416.28	614.64	265914.	3.65	72828.	8232.	5.58	0.0270	3008.	35.	0.22
MILE 412.08	612.04	271887.	4.74	57380.	5170.	8.88	0.0270	3015.	35.	0.25
MILE 407.88	609.94	277284.	3.95	70277.	7122.	7.25	0.0270	3015.	34.	0.22
MILE 403.67	607.72	281483.	3.62	77791.	4868.	5.63	0.0240	3008.	34.	0.16
MILE 399.47	605.61	287427.	3.44	83564.	19229.	6.79	0.0220	3015.	42.	0.29
MILE 395.26	603.53	291217.	5.58	52153.	19514.	9.65	0.0220	3008.	45.	0.60
MILE 391.06	601.84	295900.	4.72	62708.	2802.	8.32	0.0220	2281.	35.	0.18
MILE 386.85	600.68	297871.	3.71	80293.	5356.	7.10	0.0210	1550.	42.	0.17
MILE 382.64	599.72	299837.	3.01	99694.	13278.	7.11	0.0210	1547.	37.	0.19
MILE 378.44	598.78	302523.	3.65	82911.	15546.	6.34	0.0210	1547.	42.	0.28
MILE 374.23	598.21	305452.	2.46	124168.	14768.	7.23	0.0210	1550.	40.	0.15
MILE 370.03	597.76	308313.	2.35	131221.	8564.	7.68	0.0210	1550.	48.	0.11
MILE 365.82	597.07	310657.	2.14	144882.	7978.	7.39	0.0210	1547.	44.	0.09
MILE 361.62	596.67	313557.	2.48	126577.	13296.	8.32	0.0210	1550.	51.	0.14
MILE 357.41	596.37	316175.	2.09	151151.	25459.	7.97	0.0210	1547.	60.	0.15
MILE 353.21	596.14	318922.	2.71	117765.	7019.	9.59	0.0230	1550.	59.	0.12
MILE 349.00	595.45	320668.	2.67	120325.	3863.	9.98	0.0240	1550.	61.	0.08

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TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.95	238600.	4.66	51245.	18614.	9.94	0.0230	14307.	42.	0.49
MILE 420.49	616.28	257552.	3.34	77025.	9531.	5.68	0.0230	2957.	37.	0.21
MILE 416.28	614.59	264366.	3.65	72403.	8212.	5.58	0.0270	2950.	35.	0.22
MILE 412.08	611.98	270187.	4.72	57222.	5159.	8.87	0.0270	2957.	35.	0.25
MILE 407.88	609.89	275635.	3.94	70030.	7106.	7.25	0.0270	2957.	34.	0.22
MILE 403.67	607.69	279911.	3.61	77546.	4859.	5.64	0.0240	2950.	34.	0.16
MILE 399.47	605.59	286610.	3.43	83473.	19204.	6.79	0.0220	2957.	41.	0.29
MILE 395.26	603.52	290542.	5.57	52120.	19500.	9.65	0.0220	2950.	45.	0.60
MILE 391.06	601.83	295480.	4.71	62669.	2801.	8.32	0.0220	2241.	35.	0.18
MILE 386.85	600.67	297483.	3.71	80244.	5356.	7.09	0.0210	1528.	42.	0.17
MILE 382.64	599.71	299465.	3.01	99635.	13268.	7.11	0.0210	1525.	37.	0.19
MILE 378.44	598.77	302216.	3.65	82852.	15536.	6.33	0.0210	1525.	42.	0.28
MILE 374.23	598.20	305304.	2.46	124092.	14765.	7.23	0.0210	1528.	40.	0.15
MILE 370.03	597.75	308199.	2.35	131145.	8562.	7.68	0.0210	1528.	48.	0.11
MILE 365.82	597.06	310371.	2.14	144793.	7977.	7.38	0.0210	1525.	44.	0.09
MILE 361.62	596.66	312844.	2.47	126518.	13293.	8.32	0.0210	1528.	51.	0.14
MILE 357.41	596.36	315527.	2.09	151068.	25451.	7.97	0.0210	1525.	60.	0.15
MILE 353.21	596.12	319572.	2.72	117697.	7018.	9.59	0.0230	1528.	59.	0.12
MILE 349.00	595.42	321990.	2.68	120211.	3862.	9.98	0.0240	1528.	61.	0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.90	238600.	4.67	51122.	18571.	9.94	0.0230	14043.	42.	0.50
MILE 420.49	616.22	256748.	3.35	76652.	9509.	5.68	0.0230	2893.	37.	0.21
MILE 416.28	614.53	263147.	3.65	72024.	8195.	5.59	0.0270	2886.	35.	0.22
MILE 412.08	611.92	268764.	4.71	57068.	5149.	8.87	0.0270	2893.	35.	0.25
MILE 407.88	609.85	274143.	3.93	69775.	7089.	7.25	0.0270	2893.	34.	0.22
MILE 403.67	607.65	278419.	3.60	77272.	4849.	5.64	0.0240	2886.	34.	0.16
MILE 399.47	605.57	285606.	3.43	83356.	19172.	6.79	0.0220	2893.	41.	0.29
MILE 395.26	603.50	289634.	5.56	52077.	19481.	9.65	0.0220	2886.	45.	0.60
MILE 391.06	601.81	294884.	4.71	62621.	2801.	8.31	0.0220	2200.	35.	0.18
MILE 386.85	600.66	296954.	3.70	80185.	5355.	7.09	0.0210	1511.	42.	0.17
MILE 382.64	599.69	298986.	3.00	99568.	13258.	7.11	0.0210	1507.	36.	0.19
MILE 378.44	598.76	301852.	3.65	82787.	15525.	6.33	0.0210	1507.	42.	0.28
MILE 374.23	598.18	304837.	2.46	124016.	14763.	7.22	0.0210	1511.	40.	0.15
MILE 370.03	597.73	307718.	2.35	131072.	8561.	7.67	0.0210	1511.	48.	0.11
MILE 365.82	597.05	310124.	2.14	144695.	7976.	7.38	0.0210	1507.	44.	0.09

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MILE 361.62	596.64	313274.	2.48	126432.	13290.	8.31	0.0210	1511.	51.	0.14
MILE 357.41	596.34	316315.	2.10	150938.	25440.	7.97	0.0210	1507.	60.	0.15
MILE 353.21	596.10	320268.	2.72	117624.	7016.	9.58	0.0230	1511.	59.	0.12
MILE 349.00	595.40	322539.	2.68	120135.	3861.	9.97	0.0240	1511.	61.	0.08

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.84	237800.	4.66	50990.	18526.	9.93	0.0230	13778.	42.	0.50
MILE 420.49	616.16	255659.	3.35	76288.	9487.	5.67	0.0230	2828.	37.	0.21
MILE 416.28	614.48	262001.	3.66	71669.	8178.	5.59	0.0270	2821.	35.	0.22
MILE 412.08	611.87	267515.	4.70	56921.	5139.	8.87	0.0270	2828.	35.	0.25
MILE 407.88	609.80	272809.	3.92	69524.	7072.	7.26	0.0270	2828.	34.	0.22
MILE 403.67	607.61	277050.	3.60	76985.	4838.	5.65	0.0240	2821.	34.	0.16
MILE 399.47	605.54	284537.	3.42	83221.	19134.	6.79	0.0220	2828.	41.	0.29
MILE 395.26	603.48	288626.	5.55	52024.	19458.	9.65	0.0220	2821.	45.	0.60
MILE 391.06	601.80	294145.	4.70	62562.	2800.	8.31	0.0220	2159.	35.	0.18
MILE 386.85	600.64	296269.	3.70	80116.	5354.	7.09	0.0210	1493.	42.	0.17
MILE 382.64	599.68	298337.	3.00	99492.	13245.	7.10	0.0210	1490.	36.	0.19
MILE 378.44	598.75	301321.	3.64	82716.	15514.	6.33	0.0210	1490.	42.	0.28
MILE 374.23	598.17	304639.	2.46	123927.	14759.	7.22	0.0210	1493.	40.	0.15
MILE 370.03	597.72	307853.	2.35	130977.	8559.	7.67	0.0210	1493.	48.	0.11
MILE 365.82	597.03	310299.	2.15	144566.	7974.	7.38	0.0210	1490.	44.	0.09
MILE 361.62	596.62	313354.	2.48	126335.	13286.	8.31	0.0210	1493.	51.	0.14
MILE 357.41	596.32	316358.	2.10	150806.	25428.	7.97	0.0210	1490.	60.	0.15
MILE 353.21	596.09	320287.	2.72	117549.	7014.	9.58	0.0230	1493.	59.	0.12
MILE 349.00	595.38	322503.	2.69	120059.	3861.	9.97	0.0240	1493.	61.	0.08

0DATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.79	238100.	4.68	50887.	18489.	9.93	0.0230	13463.	42.	0.50
MILE 420.49	616.11	255180.	3.36	75967.	9467.	5.67	0.0230	2763.	37.	0.21
MILE 416.28	614.44	261057.	3.66	71334.	8163.	5.59	0.0270	2756.	35.	0.22
MILE 412.08	611.82	266353.	4.69	56777.	5129.	8.86	0.0270	2763.	35.	0.25
MILE 407.88	609.75	271560.	3.92	69273.	7055.	7.26	0.0270	2763.	34.	0.22
MILE 403.67	607.57	275766.	3.60	76690.	4828.	5.66	0.0240	2756.	34.	0.16
MILE 399.47	605.51	283457.	3.41	83071.	19093.	6.79	0.0220	2763.	41.	0.29
MILE 395.26	603.46	287576.	5.53	51963.	19430.	9.65	0.0220	2756.	45.	0.60
MILE 391.06	601.78	293292.	4.69	62496.	2799.	8.31	0.0220	2118.	35.	0.18
MILE 386.85	600.62	295475.	3.69	80037.	5353.	7.08	0.0210	1476.	42.	0.17

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MILE 382.64	599.66	297611.	2.99	99404.	13231.	7.10	0.0210	1473.	36.	0.19
MILE 378.44	598.73	300822.	3.64	82631.	15500.	6.32	0.0210	1473.	42.	0.28
MILE 374.23	598.15	304329.	2.46	123822.	14756.	7.22	0.0210	1476.	40.	0.15
MILE 370.03	597.70	307637.	2.35	130873.	8557.	7.66	0.0210	1476.	48.	0.11
MILE 365.82	597.01	310119.	2.15	144435.	7972.	7.37	0.0210	1473.	44.	0.09
MILE 361.62	596.60	313250.	2.48	126236.	13282.	8.31	0.0210	1476.	51.	0.14
MILE 357.41	596.30	316409.	2.10	150663.	25414.	7.97	0.0210	1473.	60.	0.15
MILE 353.21	596.06	320885.	2.73	117459.	7011.	9.58	0.0230	1476.	59.	0.12
MILE 349.00	595.35	323342.	2.70	119945.	3860.	9.96	0.0240	1476.	61.	0.09

0DATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.74	238100.	4.69	50787.	18455.	9.93	0.0230	13159.	42.	0.50
MILE 420.49	616.07	254632.	3.36	75673.	9450.	5.67	0.0230	2709.	37.	0.21
MILE 416.28	614.40	260275.	3.66	71035.	8149.	5.60	0.0270	2702.	35.	0.22
MILE 412.08	611.77	265382.	4.69	56642.	5120.	8.86	0.0270	2709.	35.	0.25
MILE 407.88	609.71	270448.	3.92	69027.	7039.	7.26	0.0270	2709.	33.	0.22
MILE 403.67	607.53	274580.	3.59	76391.	4817.	5.66	0.0240	2702.	34.	0.16
MILE 399.47	605.47	282373.	3.41	82912.	19049.	6.79	0.0220	2709.	41.	0.29
MILE 395.26	603.43	286505.	5.52	51894.	19400.	9.65	0.0220	2702.	45.	0.59
MILE 391.06	601.75	292389.	4.68	62421.	2798.	8.30	0.0220	2085.	35.	0.17
MILE 386.85	600.60	294624.	3.69	79947.	5352.	7.08	0.0210	1464.	42.	0.17
MILE 382.64	599.64	296813.	2.99	99303.	13215.	7.09	0.0210	1460.	36.	0.19
MILE 378.44	598.72	300176.	3.64	82535.	15484.	6.32	0.0210	1460.	42.	0.28
MILE 374.23	598.14	303827.	2.46	123706.	14751.	7.21	0.0210	1464.	40.	0.15
MILE 370.03	597.68	307305.	2.35	130758.	8554.	7.66	0.0210	1464.	48.	0.11
MILE 365.82	596.99	309947.	2.15	144284.	7971.	7.37	0.0210	1460.	44.	0.09
MILE 361.62	596.58	313475.	2.49	126115.	13277.	8.30	0.0210	1464.	51.	0.14
MILE 357.41	596.28	317211.	2.11	150478.	25398.	7.96	0.0210	1460.	60.	0.15
MILE 353.21	596.03	323118.	2.75	117330.	7008.	9.57	0.0230	1464.	59.	0.12
MILE 349.00	595.30	326148.	2.72	119754.	3858.	9.95	0.0240	1464.	61.	0.09

0DATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.73	241000.	4.75	50770.	18449.	9.93	0.0230	12910.	42.	0.50
MILE 420.49	616.04	255754.	3.39	75509.	9440.	5.67	0.0230	2655.	37.	0.21
MILE 416.28	614.36	260109.	3.67	70800.	8138.	5.60	0.0270	2648.	35.	0.22
MILE 412.08	611.72	264651.	4.68	56519.	5112.	8.86	0.0270	2655.	35.	0.25
MILE 407.88	609.66	269475.	3.92	68791.	7023.	7.26	0.0270	2655.	33.	0.22

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MILE 403.67	607.49	273514.	3.59	76095.	4806.	5.67	0.0240	2648.	34.	0.16
MILE 399.47	605.44	281323.	3.40	82746.	19002.	6.79	0.0220	2655.	41.	0.29
MILE 395.26	603.40	285446.	5.51	51820.	19367.	9.65	0.0220	2648.	45.	0.59
MILE 391.06	601.73	291444.	4.68	62340.	2797.	8.30	0.0220	2052.	35.	0.17
MILE 386.85	600.58	293716.	3.68	79848.	5351.	7.07	0.0210	1451.	41.	0.17
MILE 382.64	599.62	295947.	2.98	99190.	13197.	7.09	0.0210	1448.	36.	0.19
MILE 378.44	598.70	299461.	3.63	82427.	15466.	6.32	0.0210	1448.	42.	0.28
MILE 374.23	598.11	303403.	2.46	123574.	14746.	7.21	0.0210	1451.	40.	0.15
MILE 370.03	597.66	307286.	2.35	130619.	8552.	7.66	0.0210	1451.	48.	0.11
MILE 365.82	596.96	310252.	2.15	144090.	7968.	7.36	0.0210	1448.	44.	0.09
MILE 361.62	596.55	314331.	2.50	125957.	13270.	8.29	0.0210	1451.	51.	0.14
MILE 357.41	596.25	317839.	2.12	150268.	25378.	7.96	0.0210	1448.	60.	0.15
MILE 353.21	596.01	321418.	2.74	117247.	7006.	9.56	0.0230	1451.	59.	0.12
MILE 349.00	595.30	323219.	2.70	119754.	3858.	9.95	0.0240	1451.	61.	0.09

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.64	235800.	4.66	50577.	18381.	9.92	0.0230	12660.	42.	0.50
MILE 420.49	615.99	252736.	3.36	75157.	9418.	5.66	0.0230	2600.	37.	0.21
MILE 416.28	614.33	259070.	3.67	70562.	8127.	5.60	0.0270	2594.	35.	0.22
MILE 412.08	611.68	264097.	4.68	56413.	5105.	8.86	0.0270	2600.	35.	0.25
MILE 407.88	609.62	268787.	3.92	68582.	7009.	7.26	0.0270	2600.	33.	0.22
MILE 403.67	607.46	272678.	3.60	75814.	4795.	5.68	0.0240	2594.	34.	0.16
MILE 399.47	605.40	280342.	3.39	82577.	18955.	6.79	0.0220	2600.	41.	0.29
MILE 395.26	603.37	284419.	5.50	51742.	19332.	9.65	0.0220	2594.	45.	0.59
MILE 391.06	601.70	290476.	4.67	62254.	2795.	8.30	0.0220	2018.	35.	0.17
MILE 386.85	600.56	292783.	3.67	79741.	5350.	7.07	0.0210	1439.	41.	0.17
MILE 382.64	599.60	295067.	2.98	99066.	13178.	7.08	0.0210	1436.	36.	0.19
MILE 378.44	598.67	298803.	3.63	82304.	15446.	6.31	0.0210	1436.	42.	0.28
MILE 374.23	598.09	303200.	2.46	123417.	14741.	7.20	0.0210	1439.	40.	0.15
MILE 370.03	597.64	307249.	2.36	130462.	8548.	7.65	0.0210	1439.	48.	0.11
MILE 365.82	596.94	309866.	2.15	143904.	7966.	7.36	0.0210	1436.	44.	0.09
MILE 361.62	596.53	312826.	2.49	125841.	13266.	8.29	0.0210	1439.	51.	0.14
MILE 357.41	596.23	315427.	2.10	150143.	25367.	7.96	0.0210	1436.	60.	0.15
MILE 353.21	596.00	318096.	2.71	117194.	7004.	9.56	0.0230	1439.	59.	0.12
MILE 349.00	595.30	319627.	2.67	119754.	3858.	9.95	0.0240	1439.	61.	0.08

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	617.52	230400.	4.58	50317.	18290.	9.91	0.0230	12384.	42.	0.49
MILE 420.49	615.90	249055.	3.34	74614.	9385.	5.66	0.0230	2544.	37.	0.21
MILE 416.28	614.27	256832.	3.66	70145.	8107.	5.61	0.0270	2538.	35.	0.22
MILE 412.08	611.63	262618.	4.67	56272.	5095.	8.85	0.0270	2544.	35.	0.25
MILE 407.88	609.58	267747.	3.92	68356.	6994.	7.26	0.0270	2544.	33.	0.22
MILE 403.67	607.42	271761.	3.60	75533.	4785.	5.68	0.0240	2538.	34.	0.16
MILE 399.47	605.36	279431.	3.39	82408.	18908.	6.79	0.0220	2544.	41.	0.29
MILE 395.26	603.34	283467.	5.49	51661.	19296.	9.65	0.0220	2538.	45.	0.59
MILE 391.06	601.67	289538.	4.66	62163.	2794.	8.29	0.0220	1984.	35.	0.17
MILE 386.85	600.53	291879.	3.67	79626.	5349.	7.06	0.0210	1427.	41.	0.17
MILE 382.64	599.57	294215.	2.97	98929.	13156.	7.08	0.0210	1424.	36.	0.19
MILE 378.44	598.65	298082.	3.63	82170.	15424.	6.31	0.0210	1424.	42.	0.28
MILE 374.23	598.07	302153.	2.45	123263.	14735.	7.20	0.0210	1427.	40.	0.15
MILE 370.03	597.62	305698.	2.35	130329.	8546.	7.64	0.0210	1427.	48.	0.11
MILE 365.82	596.92	308115.	2.14	143773.	7964.	7.35	0.0210	1424.	44.	0.09
MILE 361.62	596.51	310939.	2.47	125758.	13262.	8.29	0.0210	1427.	51.	0.14
MILE 357.41	596.21	313883.	2.09	150028.	25357.	7.96	0.0210	1424.	60.	0.15
MILE 353.21	595.97	318590.	2.72	117100.	7002.	9.56	0.0230	1427.	59.	0.12
MILE 349.00	595.26	321142.	2.69	119602.	3857.	9.94	0.0240	1427.	61.	0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.44	230400.	4.59	50145.	18229.	9.91	0.0230	12108.	41.	0.49
MILE 420.49	615.83	247898.	3.34	74136.	9356.	5.65	0.0230	2488.	37.	0.21
MILE 416.28	614.20	254849.	3.66	69624.	8082.	5.62	0.0270	2482.	35.	0.22
MILE 412.08	611.56	260671.	4.65	56087.	5082.	8.85	0.0270	2488.	35.	0.25
MILE 407.88	609.53	266176.	3.91	68068.	6974.	7.27	0.0270	2488.	33.	0.22
MILE 403.67	607.37	270375.	3.60	75205.	4772.	5.69	0.0240	2482.	34.	0.16
MILE 399.47	605.33	278415.	3.39	82231.	18859.	6.79	0.0220	2488.	41.	0.29
MILE 395.26	603.31	282488.	5.48	51578.	19259.	9.65	0.0220	2482.	45.	0.59
MILE 391.06	601.64	288617.	4.65	62067.	2793.	8.29	0.0220	1951.	35.	0.17
MILE 386.85	600.50	290956.	3.66	79504.	5347.	7.05	0.0210	1416.	41.	0.17
MILE 382.64	599.55	293263.	2.97	98787.	13133.	7.07	0.0210	1412.	36.	0.19
MILE 378.44	598.62	296986.	3.62	82039.	15403.	6.30	0.0210	1412.	42.	0.28
MILE 374.23	598.04	300785.	2.44	123120.	14730.	7.19	0.0210	1416.	40.	0.15
MILE 370.03	597.59	304353.	2.34	130197.	8543.	7.64	0.0210	1416.	48.	0.11
MILE 365.82	596.90	307111.	2.14	143616.	7962.	7.35	0.0210	1412.	44.	0.09
MILE 361.62	596.49	310931.	2.47	125630.	13257.	8.28	0.0210	1416.	51.	0.14
MILE 357.41	596.19	314703.	2.10	149834.	25339.	7.96	0.0210	1412.	60.	0.15
MILE 353.21	595.94	320291.	2.74	116980.	6999.	9.55	0.0230	1416.	59.	0.12
MILE 349.00	595.22	323054.	2.70	119450.	3856.	9.93	0.0240	1416.	61.	0.09

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.37	230400.	4.61	49996.	18176.	9.90	0.0230	11652.	41.	0.49
MILE 420.49	615.76	246914.	3.35	73713.	9330.	5.65	0.0230	2432.	37.	0.21
MILE 416.28	614.13	253424.	3.66	69150.	8060.	5.63	0.0270	2426.	35.	0.22
MILE 412.08	611.49	259074.	4.63	55895.	5069.	8.85	0.0270	2432.	35.	0.25
MILE 407.88	609.47	264550.	3.91	67741.	6952.	7.27	0.0270	2432.	33.	0.22
MILE 403.67	607.32	268763.	3.59	74831.	4758.	5.70	0.0240	2426.	34.	0.16
MILE 399.47	605.28	277204.	3.38	82037.	18805.	6.79	0.0220	2432.	41.	0.29
MILE 395.26	603.27	281338.	5.46	51490.	19220.	9.65	0.0220	2426.	45.	0.59
MILE 391.06	601.61	287577.	4.64	61968.	2792.	8.28	0.0220	1917.	35.	0.17
MILE 386.85	600.47	289917.	3.65	79381.	5346.	7.05	0.0210	1404.	41.	0.17
MILE 382.64	599.52	292207.	2.96	98645.	13111.	7.06	0.0210	1401.	36.	0.19
MILE 378.44	598.60	295925.	3.61	81908.	15381.	6.29	0.0210	1401.	42.	0.28
MILE 374.23	598.02	300128.	2.44	122962.	14724.	7.19	0.0210	1404.	40.	0.15
MILE 370.03	597.57	304221.	2.34	130035.	8540.	7.63	0.0210	1404.	48.	0.11
MILE 365.82	596.87	307182.	2.14	143404.	7960.	7.34	0.0210	1401.	44.	0.09
MILE 361.62	596.46	311206.	2.48	125468.	13250.	8.27	0.0210	1404.	51.	0.14
MILE 357.41	596.16	314941.	2.10	149616.	25319.	7.96	0.0210	1401.	60.	0.15
MILE 353.21	595.91	319639.	2.73	116871.	6996.	9.54	0.0230	1404.	59.	0.12
MILE 349.00	595.20	321890.	2.70	119373.	3855.	9.93	0.0240	1404.	61.	0.09

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.30	230400.	4.62	49859.	18128.	9.90	0.0230	11198.	41.	0.49
MILE 420.49	615.70	246070.	3.36	73331.	9307.	5.64	0.0230	2378.	37.	0.21
MILE 416.28	614.07	252245.	3.67	68713.	8039.	5.63	0.0270	2373.	35.	0.22
MILE 412.08	611.42	257690.	4.63	55708.	5056.	8.84	0.0270	2378.	35.	0.25
MILE 407.88	609.40	263056.	3.90	67410.	6929.	7.27	0.0270	2378.	33.	0.22
MILE 403.67	607.27	267229.	3.59	74440.	4743.	5.71	0.0240	2373.	34.	0.16
MILE 399.47	605.24	275881.	3.37	81827.	18745.	6.79	0.0220	2378.	41.	0.28
MILE 395.26	603.24	280042.	5.45	51395.	19178.	9.65	0.0220	2373.	45.	0.59
MILE 391.06	601.58	286413.	4.63	61864.	2790.	8.28	0.0220	1886.	35.	0.17
MILE 386.85	600.44	288803.	3.64	79252.	5345.	7.04	0.0210	1396.	41.	0.17
MILE 382.64	599.49	291158.	2.96	98497.	13087.	7.06	0.0210	1393.	36.	0.19
MILE 378.44	598.57	295110.	3.61	81763.	15357.	6.29	0.0210	1393.	42.	0.28
MILE 374.23	597.99	299668.	2.44	122783.	14718.	7.18	0.0210	1396.	39.	0.15
MILE 370.03	597.54	303925.	2.34	129859.	8536.	7.63	0.0210	1396.	48.	0.11
MILE 365.82	596.84	306783.	2.14	143190.	7957.	7.33	0.0210	1393.	44.	0.09
MILE 361.62	596.43	310346.	2.48	125320.	13244.	8.27	0.0210	1396.	51.	0.14
MILE 357.41	596.13	313400.	2.10	149442.	25303.	7.95	0.0210	1393.	60.	0.15
MILE 353.21	595.90	316517.	2.71	116799.	6994.	9.54	0.0230	1396.	59.	0.12

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MILE 349.00 595.20 318113. 2.66 119373. 3855. 9.93 0.0240 1396. 61. 0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.10	219100.	4.43	49434.	17977.	9.89	0.0230	11085.	41.	0.47
MILE 420.49	615.57	239226.	3.30	72561.	9259.	5.63	0.0230	2325.	37.	0.21
MILE 416.28	613.99	249145.	3.66	68139.	8011.	5.64	0.0270	2319.	35.	0.22
MILE 412.08	611.35	255929.	4.61	55508.	5043.	8.84	0.0270	2325.	35.	0.24
MILE 407.88	609.34	261600.	3.90	67078.	6906.	7.27	0.0270	2325.	33.	0.22
MILE 403.67	607.22	265787.	3.59	74044.	4728.	5.72	0.0240	2319.	34.	0.16
MILE 399.47	605.19	274533.	3.36	81606.	18683.	6.79	0.0220	2325.	41.	0.28
MILE 395.26	603.20	278700.	5.43	51295.	19133.	9.65	0.0220	2319.	45.	0.58
MILE 391.06	601.54	285217.	4.62	61752.	2789.	8.27	0.0220	1855.	35.	0.17
MILE 386.85	600.41	287669.	3.64	79113.	5343.	7.03	0.0210	1388.	41.	0.17
MILE 382.64	599.46	290092.	2.95	98335.	13061.	7.05	0.0210	1384.	36.	0.19
MILE 378.44	598.54	294215.	3.61	81607.	15332.	6.28	0.0210	1384.	42.	0.28
MILE 374.23	597.96	298719.	2.44	122600.	14711.	7.17	0.0210	1388.	39.	0.15
MILE 370.03	597.51	302710.	2.33	129693.	8533.	7.62	0.0210	1388.	48.	0.11
MILE 365.82	596.81	305293.	2.13	143015.	7955.	7.33	0.0210	1384.	44.	0.09
MILE 361.62	596.41	308284.	2.46	125211.	13240.	8.26	0.0210	1388.	51.	0.14
MILE 357.41	596.11	311093.	2.08	149312.	25291.	7.95	0.0210	1384.	60.	0.15
MILE 353.21	595.88	314823.	2.70	116721.	6992.	9.54	0.0230	1388.	59.	0.12
MILE 349.00	595.18	316814.	2.66	119297.	3855.	9.93	0.0240	1388.	61.	0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.99	219400.	4.46	49205.	17896.	9.88	0.0230	10971.	41.	0.47
MILE 420.49	615.46	237763.	3.31	71874.	9216.	5.63	0.0230	2271.	36.	0.21
MILE 416.28	613.88	246193.	3.65	67364.	7973.	5.66	0.0270	2266.	35.	0.22
MILE 412.08	611.25	252985.	4.58	55237.	5024.	8.83	0.0270	2271.	35.	0.24
MILE 407.88	609.26	259324.	3.89	66669.	6878.	7.28	0.0270	2271.	33.	0.22
MILE 403.67	607.15	263862.	3.59	73600.	4711.	5.73	0.0240	2266.	34.	0.16
MILE 399.47	605.14	273107.	3.36	81374.	18618.	6.79	0.0220	2271.	41.	0.28
MILE 395.26	603.16	277342.	5.42	51189.	19085.	9.65	0.0220	2266.	45.	0.58
MILE 391.06	601.51	283993.	4.61	61634.	2787.	8.26	0.0220	1824.	35.	0.17
MILE 386.85	600.38	286480.	3.63	78965.	5341.	7.02	0.0210	1380.	41.	0.17
MILE 382.64	599.43	288921.	2.94	98165.	13034.	7.04	0.0210	1376.	36.	0.19
MILE 378.44	598.52	293031.	3.60	81449.	15306.	6.27	0.0210	1376.	42.	0.27
MILE 374.23	597.94	297226.	2.43	122427.	14705.	7.17	0.0210	1380.	39.	0.15

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MILE 370.03	597.49	300983.	2.32	129540.	8529.	7.61	0.0210	1380.	47.	0.11
MILE 365.82	596.79	303636.	2.13	142854.	7953.	7.32	0.0210	1376.	44.	0.09
MILE 361.62	596.39	307054.	2.45	125096.	13235.	8.26	0.0210	1380.	51.	0.14
MILE 357.41	596.09	310461.	2.08	149148.	25276.	7.95	0.0210	1376.	60.	0.15
MILE 353.21	595.85	315670.	2.71	116610.	6989.	9.53	0.0230	1380.	59.	0.12
MILE 349.00	595.14	318279.	2.67	119145.	3854.	9.92	0.0240	1379.	61.	0.08

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.90	219100.	4.47	49003.	17824.	9.88	0.0230	10755.	41.	0.48
MILE 420.49	615.36	236392.	3.32	71278.	9179.	5.62	0.0230	2225.	36.	0.21
MILE 416.28	613.78	244197.	3.66	66699.	7940.	5.67	0.0270	2219.	35.	0.22
MILE 412.08	611.15	250730.	4.56	54963.	5005.	8.83	0.0270	2225.	35.	0.24
MILE 407.88	609.17	257010.	3.88	66206.	6846.	7.28	0.0270	2225.	33.	0.22
MILE 403.67	607.08	261571.	3.58	73089.	4691.	5.74	0.0240	2219.	34.	0.16
MILE 399.47	605.08	271411.	3.35	81117.	18545.	6.79	0.0220	2225.	41.	0.28
MILE 395.26	603.11	275773.	5.40	51076.	19035.	9.65	0.0220	2219.	45.	0.58
MILE 391.06	601.47	282652.	4.60	61508.	2785.	8.26	0.0220	1797.	35.	0.17
MILE 386.85	600.34	285167.	3.62	78812.	5340.	7.01	0.0210	1371.	41.	0.17
MILE 382.64	599.40	287604.	2.93	97991.	13006.	7.03	0.0210	1368.	36.	0.19
MILE 378.44	598.49	291668.	3.59	81293.	15280.	6.27	0.0210	1368.	42.	0.27
MILE 374.23	597.91	295946.	2.42	122252.	14698.	7.16	0.0210	1371.	39.	0.15
MILE 370.03	597.46	299986.	2.32	129373.	8526.	7.61	0.0210	1371.	47.	0.10
MILE 365.82	596.76	302892.	2.12	142654.	7950.	7.32	0.0210	1368.	44.	0.09
MILE 361.62	596.36	306640.	2.45	124951.	13229.	8.25	0.0210	1371.	51.	0.14
MILE 357.41	596.07	308990.	2.07	149000.	25262.	7.95	0.0210	1368.	60.	0.15
MILE 353.21	595.85	308918.	2.65	116617.	6989.	9.53	0.0230	1371.	59.	0.11
MILE 349.00	595.20	308993.	2.59	119373.	3855.	9.93	0.0240	1371.	61.	0.08

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.70	210200.	4.33	48585.	17674.	9.86	0.0230	10538.	41.	0.46
MILE 420.49	615.22	230576.	3.27	70430.	9125.	5.61	0.0230	2178.	36.	0.21
MILE 416.28	613.67	241013.	3.65	65975.	7904.	5.68	0.0270	2173.	34.	0.22
MILE 412.08	611.04	248407.	4.54	54686.	4986.	8.82	0.0270	2178.	34.	0.24
MILE 407.88	609.08	254860.	3.88	65741.	6814.	7.29	0.0270	2178.	33.	0.22
MILE 403.67	607.01	259441.	3.58	72562.	4671.	5.76	0.0240	2173.	34.	0.16
MILE 399.47	605.02	269586.	3.33	80838.	18466.	6.79	0.0220	2178.	41.	0.28
MILE 395.26	603.07	274016.	5.38	50953.	18980.	9.64	0.0220	2173.	45.	0.58

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MILE 391.06	601.43	281127.	4.58	61375.	2783.	8.25	0.0220	1770.	35.	0.17
MILE 386.85	600.30	283698.	3.61	78651.	5338.	7.00	0.0210	1363.	41.	0.17
MILE 382.64	599.36	286184.	2.93	97812.	12978.	7.03	0.0210	1360.	36.	0.19
MILE 378.44	598.46	290409.	3.58	81128.	15253.	6.26	0.0210	1360.	42.	0.27
MILE 374.23	597.88	294976.	2.42	122063.	14691.	7.16	0.0210	1363.	39.	0.15
MILE 370.03	597.43	298739.	2.31	129208.	8523.	7.60	0.0210	1363.	47.	0.10
MILE 365.82	596.75	300697.	2.11	142522.	7949.	7.31	0.0210	1360.	44.	0.09
MILE 361.62	596.36	302145.	2.42	124912.	13227.	8.25	0.0210	1363.	51.	0.14
MILE 357.41	596.07	304165.	2.04	148978.	25260.	7.95	0.0210	1360.	60.	0.15
MILE 353.21	595.83	308439.	2.65	116544.	6987.	9.53	0.0230	1363.	59.	0.11
MILE 349.00	595.15	310888.	2.61	119183.	3854.	9.92	0.0240	1363.	61.	0.08

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.55	208900.	4.33	48288.	17567.	9.86	0.0230	10341.	41.	0.46
MILE 420.49	615.09	228191.	3.28	69619.	9073.	5.61	0.0230	2131.	36.	0.21
MILE 416.28	613.54	237807.	3.65	65107.	7861.	5.70	0.0270	2126.	34.	0.22
MILE 412.08	610.92	245267.	4.51	54359.	4963.	8.82	0.0270	2131.	34.	0.24
MILE 407.88	608.98	252210.	3.87	65224.	6778.	7.29	0.0270	2131.	33.	0.22
MILE 403.67	606.93	257042.	3.57	71998.	4648.	5.77	0.0240	2126.	34.	0.16
MILE 399.47	604.96	267558.	3.32	80485.	18382.	6.79	0.0220	2131.	41.	0.28
MILE 395.26	603.01	272142.	5.35	50823.	18921.	9.64	0.0220	2126.	45.	0.58
MILE 391.06	601.38	279500.	4.56	61234.	2781.	8.24	0.0220	1742.	35.	0.17
MILE 386.85	600.26	282142.	3.60	78480.	5336.	6.99	0.0210	1355.	41.	0.17
MILE 382.64	599.33	284681.	2.92	97623.	12948.	7.02	0.0210	1352.	36.	0.19
MILE 378.44	598.43	288907.	3.57	80963.	15225.	6.25	0.0210	1352.	42.	0.27
MILE 374.23	597.85	292496.	2.40	121904.	14686.	7.15	0.0210	1355.	39.	0.15
MILE 370.03	597.42	295613.	2.29	129089.	8520.	7.60	0.0210	1355.	47.	0.10
MILE 365.82	596.73	298240.	2.09	142411.	7947.	7.31	0.0210	1352.	44.	0.09
MILE 361.62	596.34	302032.	2.42	124811.	13223.	8.25	0.0210	1355.	51.	0.14
MILE 357.41	596.04	305502.	2.05	148809.	25245.	7.95	0.0210	1352.	60.	0.15
MILE 353.21	595.81	310338.	2.67	116446.	6985.	9.52	0.0230	1355.	59.	0.12
MILE 349.00	595.12	312778.	2.63	119069.	3853.	9.91	0.0240	1355.	61.	0.08

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.44	208900.	4.35	48051.	17482.	9.85	0.0230	10145.	40.	0.46
MILE 420.49	614.97	226793.	3.29	68906.	9028.	5.60	0.0230	2085.	36.	0.21
MILE 416.28	613.42	235483.	3.66	64323.	7820.	5.72	0.0270	2080.	34.	0.22

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MILE 412.08	610.79	242611.	4.49	54027.	4940.	8.81	0.0270	2085.	34.	0.24
MILE 407.88	608.88	249508.	3.86	64663.	6738.	7.30	0.0270	2085.	33.	0.22
MILE 403.67	606.84	254377.	3.56	71385.	4624.	5.79	0.0240	2080.	34.	0.16
MILE 399.47	604.89	265372.	3.31	80070.	18290.	6.79	0.0220	2085.	41.	0.28
MILE 395.26	602.96	270065.	5.33	50683.	18858.	9.64	0.0220	2080.	44.	0.57
MILE 391.06	601.33	277718.	4.55	61083.	2779.	8.24	0.0220	1716.	35.	0.17
MILE 386.85	600.22	280379.	3.58	78302.	5334.	6.98	0.0210	1348.	41.	0.16
MILE 382.64	599.29	282874.	2.90	97432.	12917.	7.01	0.0210	1344.	36.	0.19
MILE 378.44	598.40	286955.	3.55	80807.	15200.	6.25	0.0210	1344.	42.	0.27
MILE 374.23	597.83	291209.	2.39	121733.	14679.	7.14	0.0210	1348.	39.	0.15
MILE 370.03	597.39	295292.	2.29	128917.	8517.	7.59	0.0210	1348.	47.	0.10
MILE 365.82	596.70	298107.	2.10	142202.	7945.	7.30	0.0210	1344.	44.	0.09
MILE 361.62	596.31	301681.	2.42	124666.	13217.	8.24	0.0210	1348.	51.	0.14
MILE 357.41	596.02	304358.	2.05	148654.	25231.	7.94	0.0210	1344.	60.	0.15
MILE 353.21	595.80	305933.	2.63	116417.	6984.	9.52	0.0230	1348.	59.	0.11
MILE 349.00	595.15	306751.	2.57	119183.	3854.	9.92	0.0240	1347.	61.	0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.30	206100.	4.32	47761.	17377.	9.84	0.0230	9919.	40.	0.46
MILE 420.49	614.85	224309.	3.29	68143.	8981.	5.61	0.0230	2039.	36.	0.21
MILE 416.28	613.31	233242.	3.67	63594.	7783.	5.74	0.0270	2034.	34.	0.23
MILE 412.08	610.67	240317.	4.47	53708.	4918.	8.80	0.0270	2039.	34.	0.24
MILE 407.88	608.77	247083.	3.85	64112.	6699.	7.31	0.0270	2039.	33.	0.22
MILE 403.67	606.75	251886.	3.56	70780.	4600.	5.81	0.0240	2034.	33.	0.16
MILE 399.47	604.81	263119.	3.30	79620.	18191.	6.79	0.0220	2039.	41.	0.28
MILE 395.26	602.90	267853.	5.30	50534.	18791.	9.64	0.0220	2034.	44.	0.57
MILE 391.06	601.28	275706.	4.53	60926.	2777.	8.23	0.0220	1689.	35.	0.17
MILE 386.85	600.18	278446.	3.56	78118.	5332.	6.97	0.0210	1340.	41.	0.16
MILE 382.64	599.25	281049.	2.89	97236.	12886.	7.00	0.0210	1337.	36.	0.19
MILE 378.44	598.36	285516.	3.54	80630.	15171.	6.24	0.0210	1337.	42.	0.27
MILE 374.23	597.80	290169.	2.39	121532.	14672.	7.14	0.0210	1340.	39.	0.15
MILE 370.03	597.36	294106.	2.28	128742.	8513.	7.58	0.0210	1340.	47.	0.10
MILE 365.82	596.68	296357.	2.09	142044.	7943.	7.30	0.0210	1337.	43.	0.09
MILE 361.62	596.30	298533.	2.40	124591.	13214.	8.24	0.0210	1340.	51.	0.14
MILE 357.41	596.01	300841.	2.02	148580.	25224.	7.94	0.0210	1337.	60.	0.15
MILE 353.21	595.78	304483.	2.62	116348.	6982.	9.52	0.0230	1340.	59.	0.11
MILE 349.00	595.12	306533.	2.57	119069.	3853.	9.91	0.0240	1340.	61.	0.08

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.15	203000.	4.28	47449.	17263.	9.83	0.0230	9693.	40.	0.45
MILE 420.49	614.72	221506.	3.29	67333.	8931.	5.61	0.0230	1993.	36.	0.21
MILE 416.28	613.19	230748.	3.67	62833.	7743.	5.76	0.0270	1988.	34.	0.23
MILE 412.08	610.55	237905.	4.46	53386.	4895.	8.80	0.0270	1993.	34.	0.24
MILE 407.88	608.66	244710.	3.85	63566.	6660.	7.31	0.0270	1993.	32.	0.22
MILE 403.67	606.66	249517.	3.56	70171.	4575.	5.84	0.0240	1988.	33.	0.16
MILE 399.47	604.73	260855.	3.30	79152.	18087.	6.79	0.0220	1993.	41.	0.28
MILE 395.26	602.84	265616.	5.27	50376.	18719.	9.64	0.0220	1988.	44.	0.57
MILE 391.06	601.23	273670.	4.50	60758.	2775.	8.22	0.0220	1662.	35.	0.17
MILE 386.85	600.13	276495.	3.55	77920.	5329.	6.96	0.0210	1332.	41.	0.16
MILE 382.64	599.21	279181.	2.88	97022.	12852.	6.99	0.0210	1329.	36.	0.18
MILE 378.44	598.33	283763.	3.53	80445.	15140.	6.23	0.0210	1329.	42.	0.27
MILE 374.23	597.77	287883.	2.37	121346.	14665.	7.13	0.0210	1332.	39.	0.15
MILE 370.03	597.33	291433.	2.27	128592.	8510.	7.58	0.0210	1332.	47.	0.10
MILE 365.82	596.66	294053.	2.07	141903.	7941.	7.29	0.0210	1329.	43.	0.09
MILE 361.62	596.28	297576.	2.39	124484.	13210.	8.23	0.0210	1332.	51.	0.14
MILE 357.41	595.99	300989.	2.03	148418.	25209.	7.94	0.0210	1329.	59.	0.15
MILE 353.21	595.76	306177.	2.63	116239.	6979.	9.51	0.0230	1332.	59.	0.11
MILE 349.00	595.08	308761.	2.60	118917.	3852.	9.91	0.0240	1332.	61.	0.08

0DATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.03	203000.	4.30	47209.	17176.	9.83	0.0230	9491.	40.	0.46
MILE 420.49	614.60	220250.	3.31	66608.	8886.	5.62	0.0230	1953.	36.	0.21
MILE 416.28	613.07	228646.	3.68	62083.	7703.	5.79	0.0270	1949.	34.	0.23
MILE 412.08	610.43	235512.	4.44	53057.	4872.	8.79	0.0270	1953.	34.	0.24
MILE 407.88	608.55	242296.	3.85	63006.	6620.	7.32	0.0270	1953.	32.	0.22
MILE 403.67	606.57	247115.	3.55	69550.	4550.	5.86	0.0240	1949.	33.	0.16
MILE 399.47	604.65	258586.	3.29	78671.	17979.	6.79	0.0220	1953.	41.	0.28
MILE 395.26	602.77	263384.	5.25	50209.	18644.	9.64	0.0220	1949.	44.	0.56
MILE 391.06	601.18	271580.	4.48	60582.	2772.	8.21	0.0220	1638.	35.	0.17
MILE 386.85	600.08	274423.	3.53	77712.	5327.	6.95	0.0210	1325.	41.	0.16
MILE 382.64	599.17	277096.	2.86	96800.	12816.	6.98	0.0210	1321.	36.	0.18
MILE 378.44	598.30	281635.	3.51	80262.	15110.	6.22	0.0210	1321.	42.	0.27
MILE 374.23	597.74	286156.	2.36	121149.	14658.	7.12	0.0210	1325.	39.	0.14
MILE 370.03	597.30	290402.	2.26	128405.	8506.	7.57	0.0210	1325.	47.	0.10
MILE 365.82	596.63	293375.	2.07	141684.	7938.	7.29	0.0210	1321.	43.	0.09
MILE 361.62	596.25	297364.	2.39	124324.	13203.	8.22	0.0210	1325.	51.	0.14
MILE 357.41	595.96	300713.	2.03	148219.	25191.	7.94	0.0210	1321.	59.	0.15
MILE 353.21	595.74	304204.	2.62	116160.	6977.	9.51	0.0230	1325.	59.	0.11
MILE 349.00	595.08	305831.	2.57	118917.	3852.	9.91	0.0240	1324.	61.	0.08

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.88	200000.	4.26	46912.	17067.	9.82	0.0230	9289.	40.	0.45
MILE 420.49	614.48	217664.	3.31	65850.	8838.	5.62	0.0230	1914.	35.	0.21
MILE 416.28	612.96	226510.	3.69	61374.	7665.	5.81	0.0270	1909.	34.	0.23
MILE 412.08	610.30	233394.	4.43	52736.	4849.	8.78	0.0270	1914.	34.	0.24
MILE 407.88	608.44	240053.	3.84	62448.	6580.	7.33	0.0270	1914.	32.	0.22
MILE 403.67	606.48	244800.	3.55	68923.	4524.	5.88	0.0240	1909.	33.	0.16
MILE 399.47	604.56	256307.	3.28	78175.	17868.	6.79	0.0220	1914.	40.	0.28
MILE 395.26	602.71	261112.	5.22	50037.	18565.	9.64	0.0220	1909.	44.	0.56
MILE 391.06	601.12	269380.	4.46	60400.	2770.	8.20	0.0220	1615.	35.	0.17
MILE 386.85	600.03	272264.	3.51	77498.	5325.	6.94	0.0210	1317.	41.	0.16
MILE 382.64	599.13	275005.	2.85	96571.	12780.	6.97	0.0210	1314.	36.	0.18
MILE 378.44	598.26	279819.	3.50	80060.	15077.	6.22	0.0210	1314.	42.	0.27
MILE 374.23	597.70	284882.	2.36	120920.	14650.	7.12	0.0210	1317.	39.	0.14
MILE 370.03	597.27	289379.	2.26	128195.	8502.	7.56	0.0210	1317.	47.	0.10
MILE 365.82	596.60	292118.	2.06	141464.	7936.	7.28	0.0210	1314.	43.	0.09
MILE 361.62	596.22	295336.	2.38	124188.	13198.	8.22	0.0210	1317.	51.	0.14
MILE 357.41	595.93	298470.	2.02	148059.	25176.	7.94	0.0210	1314.	59.	0.15
MILE 353.21	595.71	302950.	2.61	116059.	6975.	9.50	0.0230	1317.	59.	0.11
MILE 349.00	595.05	305146.	2.57	118802.	3851.	9.90	0.0240	1317.	61.	0.08

0DATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.73	197200.	4.23	46603.	16953.	9.81	0.0230	9124.	40.	0.45
MILE 420.49	614.35	215078.	3.31	65057.	8788.	5.63	0.0230	1874.	35.	0.21
MILE 416.28	612.84	224145.	3.70	60629.	7625.	5.84	0.0270	1870.	34.	0.23
MILE 412.08	610.18	231094.	4.41	52408.	4826.	8.78	0.0270	1874.	34.	0.24
MILE 407.88	608.33	237804.	3.84	61887.	6539.	7.34	0.0270	1874.	32.	0.22
MILE 403.67	606.38	242554.	3.55	68295.	4497.	5.91	0.0240	1870.	33.	0.16
MILE 399.47	604.47	254046.	3.27	77671.	17755.	6.79	0.0220	1874.	40.	0.28
MILE 395.26	602.64	258839.	5.19	49859.	18484.	9.64	0.0220	1870.	44.	0.56
MILE 391.06	601.06	267188.	4.44	60212.	2767.	8.19	0.0220	1591.	35.	0.17
MILE 386.85	599.98	270134.	3.50	77274.	5322.	6.93	0.0210	1309.	41.	0.16
MILE 382.64	599.08	272954.	2.83	96325.	12741.	6.96	0.0210	1306.	36.	0.18
MILE 378.44	598.22	277959.	3.48	79842.	15041.	6.21	0.0210	1306.	42.	0.27
MILE 374.23	597.67	282887.	2.34	120686.	14641.	7.11	0.0210	1309.	39.	0.14
MILE 370.03	597.24	287258.	2.24	127992.	8498.	7.56	0.0210	1309.	47.	0.10
MILE 365.82	596.57	290222.	2.05	141251.	7933.	7.27	0.0210	1306.	43.	0.09

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MILE 361.62	596.19	294209.	2.37	124034.	13191.	8.21	0.0210	1309.	51.	0.14
MILE 357.41	595.90	298144.	2.02	147841.	25156.	7.94	0.0210	1306.	59.	0.15
MILE 353.21	595.67	304263.	2.62	115915.	6971.	9.49	0.0230	1309.	59.	0.11
MILE 349.00	595.00	307106.	2.59	118612.	3850.	9.89	0.0240	1309.	60.	0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.65	199600.	4.30	46430.	16890.	9.80	0.0230	8959.	40.	0.46
MILE 420.49	614.24	215133.	3.34	64441.	8748.	5.64	0.0230	1834.	35.	0.22
MILE 416.28	612.73	222582.	3.71	59932.	7586.	5.86	0.0270	1830.	34.	0.23
MILE 412.08	610.05	228942.	4.40	52077.	4802.	8.77	0.0270	1834.	33.	0.24
MILE 407.88	608.21	235527.	3.84	61314.	6497.	7.35	0.0270	1834.	32.	0.22
MILE 403.67	606.28	240257.	3.55	67657.	4470.	5.94	0.0240	1830.	33.	0.16
MILE 399.47	604.38	251786.	3.26	77159.	17639.	6.79	0.0220	1834.	40.	0.27
MILE 395.26	602.56	256583.	5.17	49677.	18401.	9.64	0.0220	1830.	44.	0.55
MILE 391.06	601.00	265009.	4.42	60016.	2764.	8.18	0.0220	1567.	34.	0.17
MILE 386.85	599.93	267978.	3.48	77041.	5319.	6.91	0.0210	1302.	41.	0.16
MILE 382.64	599.03	270813.	2.82	96069.	12700.	6.94	0.0210	1298.	36.	0.18
MILE 378.44	598.18	275854.	3.46	79619.	15004.	6.20	0.0210	1298.	42.	0.27
MILE 374.23	597.63	281065.	2.33	120440.	14632.	7.10	0.0210	1302.	39.	0.14
MILE 370.03	597.20	285951.	2.24	127759.	8493.	7.55	0.0210	1302.	47.	0.10
MILE 365.82	596.53	289289.	2.05	140978.	7930.	7.26	0.0210	1298.	43.	0.09
MILE 361.62	596.15	293887.	2.37	123833.	13183.	8.20	0.0210	1302.	51.	0.14
MILE 357.41	595.87	297665.	2.02	147590.	25133.	7.93	0.0210	1298.	59.	0.15
MILE 353.21	595.65	301556.	2.60	115814.	6968.	9.49	0.0230	1302.	59.	0.11
MILE 349.00	595.00	303214.	2.56	118612.	3850.	9.89	0.0240	1301.	60.	0.08

ODATE 3-19-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.55	199400.	4.31	46243.	16820.	9.80	0.0230	8757.	40.	0.46
MILE 420.49	614.15	214284.	3.35	63887.	8712.	5.64	0.0230	1795.	35.	0.22
MILE 416.28	612.63	221421.	3.73	59359.	7554.	5.88	0.0270	1790.	33.	0.23
MILE 412.08	609.93	227396.	4.39	51780.	4780.	8.76	0.0270	1795.	33.	0.24
MILE 407.88	608.10	233612.	3.84	60760.	6456.	7.36	0.0270	1795.	32.	0.22
MILE 403.67	606.19	238162.	3.55	67026.	4443.	5.97	0.0240	1790.	33.	0.16
MILE 399.47	604.29	249551.	3.26	76640.	17520.	6.79	0.0220	1795.	40.	0.27
MILE 395.26	602.49	254319.	5.14	49490.	18316.	9.64	0.0220	1790.	44.	0.55
MILE 391.06	600.93	262782.	4.39	59816.	2761.	8.17	0.0220	1544.	34.	0.17
MILE 386.85	599.87	265783.	3.46	76801.	5317.	6.90	0.0210	1294.	41.	0.16

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MILE 382.64	598.98	268670.	2.80	95803.	12657.	6.93	0.0210	1291.	36.	0.18
MILE 378.44	598.13	273927.	3.45	79380.	14964.	6.19	0.0210	1291.	42.	0.26
MILE 374.23	597.58	279641.	2.33	120166.	14622.	7.09	0.0210	1294.	39.	0.14
MILE 370.03	597.16	284741.	2.23	127505.	8488.	7.54	0.0210	1294.	47.	0.10
MILE 365.82	596.50	287741.	2.04	140710.	7926.	7.26	0.0210	1291.	43.	0.09
MILE 361.62	596.12	291268.	2.36	123669.	13176.	8.20	0.0210	1294.	51.	0.14
MILE 357.41	595.84	294476.	2.00	147407.	25116.	7.93	0.0210	1291.	59.	0.15
MILE 353.21	595.62	298626.	2.58	115713.	6965.	9.48	0.0230	1294.	59.	0.11
MILE 349.00	594.98	300545.	2.54	118536.	3849.	9.89	0.0240	1294.	60.	0.08

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.47	199600.	4.33	46077.	16759.	9.80	0.0230	8555.	39.	0.46
MILE 420.49	614.06	213734.	3.37	63386.	8679.	5.65	0.0230	1755.	35.	0.22
MILE 416.28	612.54	220363.	3.75	58829.	7524.	5.91	0.0270	1751.	33.	0.24
MILE 412.08	609.82	225983.	4.39	51506.	4760.	8.75	0.0270	1755.	33.	0.24
MILE 407.88	607.99	231932.	3.85	60241.	6418.	7.37	0.0270	1755.	32.	0.22
MILE 403.67	606.09	236346.	3.56	66422.	4417.	5.99	0.0240	1751.	33.	0.16
MILE 399.47	604.20	247441.	3.25	76122.	17402.	6.79	0.0220	1755.	40.	0.27
MILE 395.26	602.41	252132.	5.11	49299.	18228.	9.64	0.0220	1751.	44.	0.55
MILE 391.06	600.87	260582.	4.37	59610.	2759.	8.16	0.0220	1520.	34.	0.17
MILE 386.85	599.81	263624.	3.44	76552.	5314.	6.88	0.0210	1286.	41.	0.16
MILE 382.64	598.93	266575.	2.79	95523.	12613.	6.92	0.0210	1283.	36.	0.18
MILE 378.44	598.09	271973.	3.44	79127.	14923.	6.18	0.0210	1283.	42.	0.26
MILE 374.23	597.54	277395.	2.31	119892.	14612.	7.08	0.0210	1286.	39.	0.14
MILE 370.03	597.12	282132.	2.22	127269.	8483.	7.53	0.0210	1286.	47.	0.10
MILE 365.82	596.46	285167.	2.03	140475.	7923.	7.25	0.0210	1283.	43.	0.08
MILE 361.62	596.09	289061.	2.34	123511.	13170.	8.19	0.0210	1286.	50.	0.13
MILE 357.41	595.81	292602.	1.99	147206.	25097.	7.93	0.0210	1283.	59.	0.14
MILE 353.21	595.60	297502.	2.57	115596.	6962.	9.48	0.0230	1286.	59.	0.11
MILE 349.00	594.95	299747.	2.53	118422.	3848.	9.88	0.0240	1286.	60.	0.08

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.31	193600.	4.23	45749.	16637.	9.79	0.0230	8362.	39.	0.45
MILE 420.49	613.94	210010.	3.35	62695.	8633.	5.66	0.0230	1727.	35.	0.22
MILE 416.28	612.45	218438.	3.75	58268.	7492.	5.93	0.0270	1723.	33.	0.24
MILE 412.08	609.71	224513.	4.38	51240.	4740.	8.74	0.0270	1727.	33.	0.23
MILE 407.88	607.89	230404.	3.86	59745.	6381.	7.38	0.0270	1727.	32.	0.22

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MILE 403.67	606.00	234705.	3.56	65843.	4391.	6.02	0.0240	1723.	33.	0.16
MILE 399.47	604.11	245469.	3.25	75613.	17285.	6.79	0.0220	1727.	40.	0.27
MILE 395.26	602.34	250076.	5.09	49108.	18141.	9.64	0.0220	1723.	44.	0.55
MILE 391.06	600.80	258447.	4.35	59401.	2756.	8.15	0.0220	1502.	34.	0.17
MILE 386.85	599.75	261474.	3.43	76297.	5311.	6.87	0.0210	1279.	41.	0.16
MILE 382.64	598.88	264399.	2.78	95236.	12567.	6.91	0.0210	1276.	36.	0.18
MILE 378.44	598.04	269701.	3.42	78876.	14881.	6.16	0.0210	1276.	42.	0.26
MILE 374.23	597.50	275113.	2.30	119620.	14602.	7.07	0.0210	1279.	39.	0.14
MILE 370.03	597.08	280017.	2.20	127023.	8478.	7.52	0.0210	1279.	47.	0.10
MILE 365.82	596.43	283210.	2.02	140212.	7920.	7.24	0.0210	1276.	43.	0.08
MILE 361.62	596.06	287507.	2.33	123328.	13162.	8.18	0.0210	1279.	50.	0.13
MILE 357.41	595.78	291699.	1.98	146960.	25074.	7.93	0.0210	1276.	59.	0.14
MILE 353.21	595.56	298167.	2.58	115439.	6958.	9.47	0.0230	1279.	59.	0.11
MILE 349.00	594.90	301000.	2.55	118231.	3847.	9.87	0.0240	1279.	60.	0.08

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.11	187500.	4.13	45356.	16490.	9.78	0.0230	8169.	39.	0.44
MILE 420.49	613.79	205675.	3.33	61811.	8574.	5.67	0.0230	1699.	35.	0.22
MILE 416.28	612.32	215485.	3.75	57511.	7449.	5.97	0.0270	1694.	33.	0.24
MILE 412.08	609.60	222276.	4.36	50954.	4719.	8.73	0.0270	1699.	33.	0.23
MILE 407.88	607.78	228573.	3.86	59238.	6343.	7.39	0.0270	1699.	32.	0.22
MILE 403.67	605.91	232963.	3.57	65269.	4366.	6.06	0.0240	1694.	33.	0.16
MILE 399.47	604.02	243583.	3.24	75113.	17169.	6.79	0.0220	1699.	40.	0.27
MILE 395.26	602.26	248123.	5.07	48918.	18053.	9.65	0.0220	1694.	44.	0.54
MILE 391.06	600.74	256328.	4.33	59192.	2753.	8.14	0.0220	1484.	34.	0.16
MILE 386.85	599.69	259324.	3.41	76041.	5308.	6.85	0.0210	1271.	41.	0.16
MILE 382.64	598.82	262232.	2.76	94949.	12521.	6.89	0.0210	1268.	36.	0.18
MILE 378.44	597.99	267542.	3.40	78619.	14838.	6.15	0.0210	1268.	42.	0.26
MILE 374.23	597.45	273178.	2.29	119333.	14592.	7.06	0.0210	1271.	39.	0.14
MILE 370.03	597.04	278458.	2.20	126755.	8472.	7.51	0.0210	1271.	47.	0.10
MILE 365.82	596.38	281981.	2.02	139904.	7916.	7.23	0.0210	1268.	43.	0.08
MILE 361.62	596.02	286979.	2.33	123100.	13153.	8.17	0.0210	1271.	50.	0.13
MILE 357.41	595.73	291739.	1.99	146650.	25046.	7.92	0.0210	1268.	59.	0.14
MILE 353.21	595.51	298731.	2.59	115258.	6953.	9.46	0.0230	1271.	59.	0.11
MILE 349.00	594.85	301668.	2.56	118041.	3845.	9.86	0.0240	1271.	60.	0.08

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	614.98	187500.	4.16	45095.	16391.	9.77	0.0230	7997.	39.	0.44
MILE 420.49	613.65	204196.	3.35	60996.	8519.	5.68	0.0230	1670.	35.	0.22
MILE 416.28	612.17	213028.	3.76	56669.	7399.	6.01	0.0270	1666.	33.	0.24
MILE 412.08	609.47	219706.	4.34	50644.	4696.	8.72	0.0270	1670.	33.	0.23
MILE 407.88	607.67	226326.	3.86	58696.	6302.	7.40	0.0270	1670.	31.	0.22
MILE 403.67	605.81	230878.	3.57	64677.	4339.	6.09	0.0240	1666.	33.	0.16
MILE 399.47	603.93	241618.	3.24	74611.	17053.	6.79	0.0220	1670.	40.	0.27
MILE 395.26	602.19	246145.	5.05	48728.	17965.	9.65	0.0220	1666.	44.	0.54
MILE 391.06	600.67	254250.	4.31	58984.	2750.	8.12	0.0220	1466.	34.	0.16
MILE 386.85	599.63	257237.	3.39	75785.	5305.	6.84	0.0210	1264.	41.	0.16
MILE 382.64	598.77	260159.	2.75	94657.	12474.	6.88	0.0210	1260.	36.	0.18
MILE 378.44	597.94	265575.	3.39	78351.	14794.	6.14	0.0210	1260.	42.	0.26
MILE 374.23	597.41	271653.	2.28	119023.	14580.	7.05	0.0210	1264.	39.	0.14
MILE 370.03	596.99	277410.	2.19	126458.	8466.	7.50	0.0210	1264.	47.	0.10
MILE 365.82	596.34	281135.	2.01	139551.	7912.	7.22	0.0210	1260.	43.	0.08
MILE 361.62	595.97	286378.	2.33	122842.	13143.	8.16	0.0210	1264.	50.	0.13
MILE 357.41	595.68	291343.	1.99	146309.	25014.	7.92	0.0210	1260.	59.	0.15
MILE 353.21	595.46	298502.	2.59	115064.	6948.	9.45	0.0230	1264.	59.	0.11
MILE 349.00	594.80	301435.	2.56	117851.	3844.	9.85	0.0240	1263.	60.	0.08

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.78	181700.	4.06	44726.	16241.	9.75	0.0230	7826.	39.	0.43
MILE 420.49	613.48	200086.	3.33	60062.	8455.	5.70	0.0230	1642.	34.	0.22
MILE 416.28	612.03	210342.	3.77	55850.	7350.	6.06	0.0270	1638.	33.	0.24
MILE 412.08	609.35	217431.	4.32	50332.	4672.	8.71	0.0270	1642.	33.	0.23
MILE 407.88	607.55	224108.	3.85	58137.	6259.	7.41	0.0270	1642.	31.	0.22
MILE 403.67	605.71	228655.	3.57	64068.	4311.	6.13	0.0240	1638.	32.	0.16
MILE 399.47	603.84	239512.	3.23	74102.	16934.	6.79	0.0220	1642.	40.	0.27
MILE 395.26	602.11	244057.	5.03	48537.	17877.	9.65	0.0220	1638.	44.	0.54
MILE 391.06	600.60	252197.	4.29	58773.	2747.	8.11	0.0220	1448.	34.	0.16
MILE 386.85	599.57	255216.	3.38	75523.	5302.	6.82	0.0210	1256.	40.	0.16
MILE 382.64	598.71	258191.	2.74	94356.	12426.	6.87	0.0210	1253.	36.	0.17
MILE 378.44	597.89	263793.	3.38	78069.	14747.	6.13	0.0210	1253.	41.	0.26
MILE 374.23	597.35	270185.	2.28	118692.	14568.	7.04	0.0210	1256.	39.	0.14
MILE 370.03	596.94	276215.	2.19	126141.	8460.	7.49	0.0210	1256.	47.	0.10
MILE 365.82	596.28	280060.	2.01	139177.	7907.	7.21	0.0210	1253.	43.	0.08
MILE 361.62	595.92	285451.	2.33	122569.	13131.	8.15	0.0210	1256.	50.	0.13
MILE 357.41	595.63	290503.	1.99	145952.	24981.	7.92	0.0210	1253.	59.	0.15
MILE 353.21	595.41	297728.	2.59	114862.	6943.	9.44	0.0230	1256.	59.	0.11
MILE 349.00	594.75	300645.	2.56	117660.	3842.	9.84	0.0240	1256.	60.	0.08

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.64	182000.	4.09	44471.	16136.	9.74	0.0230	7636.	39.	0.43
MILE 420.49	613.33	198823.	3.36	59223.	8396.	5.71	0.0230	1614.	34.	0.22
MILE 416.28	611.87	208011.	3.78	54982.	7298.	6.11	0.0270	1610.	33.	0.24
MILE 412.08	609.21	214847.	4.30	50001.	4647.	8.69	0.0270	1614.	33.	0.23
MILE 407.88	607.43	221706.	3.85	57559.	6215.	7.43	0.0270	1614.	31.	0.22
MILE 403.67	605.61	226364.	3.57	63451.	4283.	6.17	0.0240	1610.	32.	0.16
MILE 399.47	603.74	237353.	3.23	73586.	16813.	6.79	0.0220	1614.	40.	0.27
MILE 395.26	602.03	241920.	5.00	48344.	17787.	9.65	0.0220	1610.	44.	0.53
MILE 391.06	600.53	250154.	4.27	58556.	2744.	8.10	0.0220	1431.	34.	0.16
MILE 386.85	599.51	253219.	3.36	75253.	5299.	6.81	0.0210	1248.	40.	0.16
MILE 382.64	598.65	256252.	2.72	94042.	12376.	6.85	0.0210	1245.	35.	0.17
MILE 378.44	597.83	262012.	3.37	77773.	14698.	6.12	0.0210	1245.	41.	0.26
MILE 374.23	597.30	268604.	2.27	118346.	14556.	7.02	0.0210	1248.	39.	0.14
MILE 370.03	596.89	274810.	2.18	125810.	8453.	7.47	0.0210	1248.	47.	0.10
MILE 365.82	596.23	278730.	2.01	138789.	7903.	7.20	0.0210	1245.	43.	0.08
MILE 361.62	595.86	284162.	2.32	122291.	13120.	8.14	0.0210	1248.	50.	0.13
MILE 357.41	595.58	288948.	1.98	145602.	24948.	7.91	0.0210	1245.	59.	0.14
MILE 353.21	595.37	295075.	2.57	114683.	6938.	9.43	0.0230	1248.	58.	0.11
MILE 349.00	594.72	297465.	2.53	117546.	3841.	9.83	0.0240	1248.	60.	0.08

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.52	182300.	4.12	44250.	16045.	9.73	0.0230	7445.	39.	0.44
MILE 420.49	613.19	197903.	3.38	58488.	8344.	5.73	0.0230	1585.	34.	0.23
MILE 416.28	611.73	206363.	3.81	54219.	7250.	6.16	0.0270	1582.	33.	0.25
MILE 412.08	609.08	212826.	4.28	49681.	4623.	8.68	0.0270	1585.	32.	0.23
MILE 407.88	607.30	219466.	3.85	56974.	6169.	7.44	0.0270	1585.	31.	0.22
MILE 403.67	605.50	224057.	3.57	62824.	4254.	6.21	0.0240	1582.	32.	0.16
MILE 399.47	603.65	235138.	3.22	73060.	16688.	6.79	0.0220	1585.	40.	0.27
MILE 395.26	601.95	239740.	4.98	48147.	17695.	9.65	0.0220	1582.	43.	0.53
MILE 391.06	600.46	248098.	4.25	58333.	2741.	8.09	0.0220	1413.	34.	0.16
MILE 386.85	599.44	251211.	3.35	74974.	5296.	6.79	0.0210	1241.	40.	0.16
MILE 382.64	598.59	254295.	2.71	93717.	12324.	6.84	0.0210	1238.	35.	0.17
MILE 378.44	597.78	260177.	3.36	77466.	14648.	6.10	0.0210	1238.	41.	0.26
MILE 374.23	597.24	266887.	2.26	117988.	14543.	7.01	0.0210	1241.	39.	0.14
MILE 370.03	596.83	273080.	2.18	125474.	8446.	7.46	0.0210	1241.	47.	0.10
MILE 365.82	596.18	276822.	2.00	138413.	7898.	7.18	0.0210	1238.	43.	0.08
MILE 361.62	595.82	281727.	2.31	122037.	13110.	8.13	0.0210	1241.	50.	0.13
MILE 357.41	595.54	285938.	1.97	145301.	24920.	7.91	0.0210	1238.	59.	0.14
MILE 353.21	595.33	291089.	2.54	114534.	6934.	9.42	0.0230	1241.	58.	0.11

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MILE 349.00 594.70 293109. 2.50 117470. 3841. 9.83 0.0240 1241. 60. 0.08

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.39	181300.	4.12	44014.	15948.	9.72	0.0230	7245.	38.	0.44
MILE 420.49	613.06	196559.	3.40	57788.	8294.	5.74	0.0230	1564.	34.	0.23
MILE 416.28	611.60	204868.	3.83	53523.	7207.	6.22	0.0270	1561.	32.	0.25
MILE 412.08	608.96	211099.	4.28	49379.	4600.	8.67	0.0270	1564.	32.	0.23
MILE 407.88	607.18	217508.	3.86	56412.	6126.	7.46	0.0270	1564.	31.	0.22
MILE 403.67	605.40	221998.	3.57	62213.	4224.	6.26	0.0240	1561.	32.	0.16
MILE 399.47	603.55	232968.	3.21	72529.	16562.	6.79	0.0220	1564.	39.	0.27
MILE 395.26	601.87	237563.	4.95	47945.	17601.	9.65	0.0220	1561.	43.	0.53
MILE 391.06	600.39	246015.	4.23	58103.	2737.	8.08	0.0220	1398.	34.	0.16
MILE 386.85	599.38	249166.	3.34	74688.	5292.	6.77	0.0210	1232.	40.	0.16
MILE 382.64	598.53	252286.	2.70	93383.	12271.	6.82	0.0210	1229.	35.	0.17
MILE 378.44	597.72	258219.	3.35	77153.	14596.	6.09	0.0210	1229.	41.	0.26
MILE 374.23	597.19	264735.	2.25	117633.	14530.	7.00	0.0210	1232.	39.	0.14
MILE 370.03	596.78	270612.	2.16	125152.	8439.	7.45	0.0210	1232.	47.	0.10
MILE 365.82	596.13	274152.	1.99	138073.	7894.	7.17	0.0210	1229.	43.	0.08
MILE 361.62	595.77	278840.	2.29	121809.	13100.	8.12	0.0210	1232.	50.	0.13
MILE 357.41	595.50	283687.	1.96	144997.	24892.	7.91	0.0210	1229.	59.	0.14
MILE 353.21	595.27	292042.	2.55	114316.	6929.	9.41	0.0230	1232.	58.	0.11
MILE 349.00	594.62	295525.	2.52	117166.	3838.	9.81	0.0240	1232.	60.	0.08

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.29	182300.	4.16	43835.	15874.	9.71	0.0230	7045.	38.	0.44
MILE 420.49	612.94	196256.	3.43	57179.	8249.	5.76	0.0230	1543.	34.	0.23
MILE 416.28	611.48	203717.	3.85	52873.	7165.	6.27	0.0270	1540.	32.	0.25
MILE 412.08	608.84	209534.	4.27	49090.	4578.	8.66	0.0270	1543.	32.	0.23
MILE 407.88	607.06	215726.	3.86	55870.	6083.	7.47	0.0270	1543.	31.	0.22
MILE 403.67	605.29	220127.	3.57	61621.	4196.	6.30	0.0240	1540.	32.	0.16
MILE 399.47	603.45	230913.	3.21	72002.	16436.	6.79	0.0220	1543.	39.	0.27
MILE 395.26	601.79	235472.	4.93	47741.	17505.	9.65	0.0220	1540.	43.	0.53
MILE 391.06	600.32	243920.	4.21	57871.	2734.	8.06	0.0220	1383.	34.	0.16
MILE 386.85	599.31	247073.	3.32	74397.	5289.	6.76	0.0210	1224.	40.	0.16
MILE 382.64	598.46	250181.	2.69	93044.	12217.	6.80	0.0210	1221.	35.	0.17
MILE 378.44	597.66	256031.	3.33	76842.	14544.	6.08	0.0210	1221.	41.	0.26
MILE 374.23	597.13	262334.	2.24	117285.	14517.	6.99	0.0210	1224.	39.	0.14

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MILE 370.03	596.73	268361.	2.15	124826.	8433.	7.44	0.0210	1224.	47.	0.10
MILE 365.82	596.08	272485.	1.98	137689.	7889.	7.16	0.0210	1221.	43.	0.08
MILE 361.62	595.72	278762.	2.29	121508.	13088.	8.10	0.0210	1224.	50.	0.13
MILE 357.41	595.43	284859.	1.97	144570.	24852.	7.90	0.0210	1221.	59.	0.14
MILE 353.21	595.21	294451.	2.58	114054.	6922.	9.39	0.0230	1224.	58.	0.11
MILE 349.00	594.54	298232.	2.55	116861.	3836.	9.79	0.0240	1224.	60.	0.08

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.03	172100.	3.97	43377.	15683.	9.70	0.0230	6837.	38.	0.42
MILE 420.49	612.77	190496.	3.39	56244.	8180.	5.78	0.0230	1522.	34.	0.23
MILE 416.28	611.34	201186.	3.86	52179.	7120.	6.33	0.0270	1519.	32.	0.25
MILE 412.08	608.72	207899.	4.26	48809.	4557.	8.65	0.0270	1522.	32.	0.23
MILE 407.88	606.95	214129.	3.87	55351.	6042.	7.49	0.0270	1522.	31.	0.23
MILE 403.67	605.19	218439.	3.58	61051.	4168.	6.35	0.0240	1519.	32.	0.16
MILE 399.47	603.36	228967.	3.20	71481.	16311.	6.79	0.0220	1522.	39.	0.27
MILE 395.26	601.70	233462.	4.91	47536.	17409.	9.65	0.0220	1519.	43.	0.52
MILE 391.06	600.24	241812.	4.20	57637.	2731.	8.05	0.0220	1368.	34.	0.16
MILE 386.85	599.24	244941.	3.31	74105.	5286.	6.74	0.0210	1215.	40.	0.16
MILE 382.64	598.40	248032.	2.68	92705.	12163.	6.79	0.0210	1212.	35.	0.17
MILE 378.44	597.60	253918.	3.32	76527.	14492.	6.06	0.0210	1212.	41.	0.25
MILE 374.23	597.08	260912.	2.23	116909.	14503.	6.97	0.0210	1215.	39.	0.14
MILE 370.03	596.67	267833.	2.15	124450.	8425.	7.42	0.0210	1215.	47.	0.10
MILE 365.82	596.01	272299.	1.98	137217.	7883.	7.15	0.0210	1212.	43.	0.08
MILE 361.62	595.65	278820.	2.30	121155.	13073.	8.09	0.0210	1215.	50.	0.13
MILE 357.41	595.37	284376.	1.97	144128.	24810.	7.90	0.0210	1212.	59.	0.14
MILE 353.21	595.16	290880.	2.55	113851.	6916.	9.38	0.0230	1215.	58.	0.11
MILE 349.00	594.52	293162.	2.51	116785.	3835.	9.79	0.0240	1215.	60.	0.08

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.86	171800.	3.99	43073.	15556.	9.68	0.0230	6629.	38.	0.42
MILE 420.49	612.59	188835.	3.41	55340.	8113.	5.81	0.0230	1501.	34.	0.23
MILE 416.28	611.17	198673.	3.87	51302.	7062.	6.41	0.0270	1498.	32.	0.25
MILE 412.08	608.59	205303.	4.23	48478.	4532.	8.64	0.0270	1501.	32.	0.23
MILE 407.88	606.83	212003.	3.87	54796.	5998.	7.51	0.0270	1501.	31.	0.23
MILE 403.67	605.09	216525.	3.58	60477.	4140.	6.40	0.0240	1498.	32.	0.17
MILE 399.47	603.26	227062.	3.20	70967.	16187.	6.80	0.0220	1501.	39.	0.27
MILE 395.26	601.62	231520.	4.89	47332.	17313.	9.65	0.0220	1498.	43.	0.52

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MILE 391.06	600.17	239747.	4.18	57404.	2727.	8.04	0.0220	1354.	34.	0.16
MILE 386.85	599.17	242890.	3.29	73811.	5282.	6.72	0.0210	1207.	40.	0.16
MILE 382.64	598.33	246052.	2.66	92358.	12107.	6.77	0.0210	1204.	35.	0.17
MILE 378.44	597.54	252234.	3.31	76190.	14436.	6.05	0.0210	1204.	41.	0.25
MILE 374.23	597.01	259724.	2.23	116501.	14488.	6.96	0.0210	1207.	39.	0.14
MILE 370.03	596.60	266716.	2.15	124059.	8417.	7.41	0.0210	1207.	47.	0.10
MILE 365.82	595.95	270688.	1.98	136775.	7878.	7.13	0.0210	1204.	43.	0.08
MILE 361.62	595.60	275572.	2.28	120871.	13062.	8.08	0.0210	1207.	50.	0.13
MILE 357.41	595.33	278921.	1.94	143843.	24784.	7.89	0.0210	1204.	59.	0.14
MILE 353.21	595.14	280593.	2.47	113772.	6914.	9.38	0.0230	1207.	58.	0.11
MILE 349.00	594.56	281006.	2.40	116937.	3836.	9.80	0.0240	1207.	60.	0.08

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.72	172100.	4.02	42816.	15449.	9.67	0.0230	6439.	38.	0.43
MILE 420.49	612.43	187831.	3.44	54538.	8051.	5.84	0.0230	1480.	33.	0.23
MILE 416.28	611.01	196955.	3.90	50510.	7008.	6.50	0.0270	1476.	32.	0.26
MILE 412.08	608.45	203287.	4.22	48142.	4506.	8.62	0.0270	1480.	32.	0.23
MILE 407.88	606.70	209866.	3.87	54205.	5950.	7.53	0.0270	1480.	30.	0.23
MILE 403.67	604.98	214186.	3.58	59861.	4109.	6.45	0.0240	1476.	32.	0.17
MILE 399.47	603.16	225014.	3.19	70446.	16060.	6.80	0.0220	1480.	39.	0.27
MILE 395.26	601.54	229507.	4.87	47129.	17217.	9.65	0.0220	1476.	43.	0.52
MILE 391.06	600.09	237791.	4.16	57168.	2724.	8.03	0.0220	1339.	34.	0.16
MILE 386.85	599.10	240976.	3.28	73510.	5279.	6.70	0.0210	1198.	40.	0.15
MILE 382.64	598.26	244191.	2.65	91997.	12050.	6.75	0.0210	1195.	35.	0.17
MILE 378.44	597.48	250429.	3.30	75844.	14378.	6.03	0.0210	1195.	41.	0.25
MILE 374.23	596.95	257309.	2.22	116108.	14474.	6.95	0.0210	1198.	38.	0.14
MILE 370.03	596.55	263125.	2.13	123721.	8410.	7.39	0.0210	1198.	47.	0.10
MILE 365.82	595.91	266104.	1.95	136476.	7874.	7.12	0.0210	1195.	43.	0.08
MILE 361.62	595.57	269165.	2.23	120717.	13055.	8.07	0.0210	1198.	50.	0.13
MILE 357.41	595.31	272365.	1.90	143681.	24768.	7.89	0.0210	1195.	59.	0.14
MILE 353.21	595.10	278257.	2.45	113626.	6911.	9.37	0.0230	1198.	58.	0.11
MILE 349.00	594.50	280844.	2.41	116709.	3835.	9.79	0.0240	1198.	60.	0.08

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.60	173100.	4.06	42601.	15358.	9.66	0.0230	6249.	38.	0.43
MILE 420.49	612.29	187477.	3.48	53847.	7998.	5.86	0.0230	1459.	33.	0.24
MILE 416.28	610.86	195746.	3.93	49808.	6959.	6.58	0.0270	1455.	32.	0.26

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MILE 412.08	608.32	201524.	4.21	47824.	4481.	8.61	0.0270	1459.	32.	0.23
MILE 407.88	606.57	207460.	3.87	53644.	5904.	7.55	0.0270	1459.	30.	0.23
MILE 403.67	604.87	211391.	3.57	59190.	4078.	6.46	0.0240	1455.	32.	0.17
MILE 399.47	603.06	222690.	3.19	69910.	15929.	6.80	0.0220	1459.	39.	0.27
MILE 395.26	601.45	227335.	4.85	46921.	17118.	9.65	0.0220	1455.	43.	0.52
MILE 391.06	600.01	235807.	4.14	56926.	2721.	8.01	0.0220	1324.	34.	0.16
MILE 386.85	599.03	238998.	3.26	73202.	5275.	6.69	0.0210	1190.	40.	0.15
MILE 382.64	598.20	242146.	2.64	91636.	11992.	6.74	0.0210	1187.	35.	0.17
MILE 378.44	597.42	247984.	3.28	75518.	14324.	6.02	0.0210	1187.	41.	0.25
MILE 374.23	596.90	253595.	2.19	115770.	14461.	6.93	0.0210	1190.	38.	0.14
MILE 370.03	596.50	258634.	2.10	123438.	8404.	7.38	0.0210	1190.	47.	0.10
MILE 365.82	595.87	262164.	1.92	136197.	7870.	7.11	0.0210	1187.	43.	0.08
MILE 361.62	595.53	267292.	2.22	120508.	13047.	8.06	0.0210	1190.	50.	0.13
MILE 357.41	595.26	271516.	1.89	143402.	24742.	7.89	0.0210	1187.	59.	0.14
MILE 353.21	595.07	276790.	2.44	113490.	6907.	9.36	0.0230	1190.	58.	0.11
MILE 349.00	594.48	278858.	2.39	116633.	3834.	9.78	0.0240	1190.	60.	0.08

ODATE. 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH FROUDE										
MILE 424.70	613.49	173600.	4.09	42402.	15274.	9.65	0.0230	6091.	37.	0.43
MILE 420.49	612.16	187074.	3.51	53228.	7949.	5.88	0.0230	1446.	33.	0.24
MILE 416.28	610.73	194698.	3.96	49189.	6915.	6.66	0.0270	1443.	32.	0.26
MILE 412.08	608.19	199959.	4.21	47534.	4459.	8.60	0.0270	1446.	32.	0.23
MILE 407.88	606.45	205469.	3.87	53120.	5861.	7.57	0.0270	1446.	30.	0.23
MILE 403.67	604.75	209248.	3.57	58539.	4047.	6.46	0.0240	1443.	31.	0.17
MILE 399.47	602.96	220413.	3.18	69372.	15797.	6.80	0.0220	1446.	39.	0.27
MILE 395.26	601.37	225057.	4.82	46710.	17018.	9.65	0.0220	1443.	43.	0.51
MILE 391.06	599.93	233647.	4.12	56683.	2717.	8.00	0.0220	1313.	33.	0.16
MILE 386.85	598.96	236767.	3.25	72897.	5272.	6.67	0.0210	1181.	40.	0.15
MILE 382.64	598.13	239784.	2.63	91289.	11936.	6.72	0.0210	1178.	35.	0.17
MILE 378.44	597.36	245299.	3.26	75214.	14273.	6.00	0.0210	1178.	41.	0.25
MILE 374.23	596.84	251332.	2.18	115432.	14449.	6.92	0.0210	1181.	38.	0.14
MILE 370.03	596.45	257021.	2.09	123119.	8398.	7.37	0.0210	1181.	46.	0.10
MILE 365.82	595.82	260410.	1.92	135854.	7866.	7.10	0.0210	1178.	43.	0.08
MILE 361.62	595.49	264708.	2.20	120287.	13038.	8.05	0.0210	1181.	50.	0.13
MILE 357.41	595.23	268214.	1.87	143164.	24720.	7.89	0.0210	1178.	59.	0.14
MILE 353.21	595.04	271933.	2.40	113390.	6904.	9.36	0.0230	1181.	58.	0.10
MILE 349.00	594.48	273348.	2.34	116633.	3834.	9.78	0.0240	1181.	60.	0.07

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.37	173100.	4.10	42194.	15186.	9.64	0.0230	5934.	37.	0.43
MILE 420.49	612.04	186257.	3.54	52633.	7902.	5.91	0.0230	1434.	33.	0.24
MILE 416.28	610.61	193644.	3.98	48621.	6874.	6.74	0.0270	1431.	31.	0.26
MILE 412.08	608.08	198614.	4.20	47265.	4438.	8.59	0.0270	1434.	31.	0.23
MILE 407.88	606.34	203816.	3.87	52632.	5821.	7.59	0.0270	1434.	30.	0.23
MILE 403.67	604.65	207456.	3.58	57918.	4017.	6.47	0.0240	1431.	31.	0.17
MILE 399.47	602.86	218308.	3.17	68843.	15666.	6.81	0.0220	1434.	39.	0.27
MILE 395.26	601.28	222879.	4.79	46499.	16917.	9.66	0.0220	1431.	43.	0.51
MILE 391.06	599.86	231337.	4.10	56445.	2714.	7.99	0.0220	1303.	33.	0.16
MILE 386.85	598.89	234456.	3.23	72598.	5268.	6.65	0.0210	1172.	40.	0.15
MILE 382.64	598.07	237505.	2.61	90948.	11882.	6.70	0.0210	1169.	35.	0.17
MILE 378.44	597.30	243147.	3.25	74903.	14221.	5.99	0.0210	1169.	41.	0.25
MILE 374.23	596.79	249134.	2.16	115086.	14436.	6.91	0.0210	1172.	38.	0.14
MILE 370.03	596.40	254435.	2.07	122817.	8391.	7.36	0.0210	1172.	46.	0.10
MILE 365.82	595.78	257463.	1.90	135567.	7862.	7.09	0.0210	1169.	43.	0.08
MILE 361.62	595.46	260942.	2.17	120118.	13031.	8.04	0.0210	1172.	50.	0.13
MILE 357.41	595.21	263405.	1.84	143004.	24705.	7.88	0.0210	1169.	59.	0.13
MILE 353.21	595.03	265049.	2.34	113342.	6903.	9.36	0.0230	1172.	58.	0.10
MILE 349.00	594.50	265790.	2.28	116709.	3835.	9.79	0.0240	1172.	60.	0.07

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.96	154700.	3.73	41482.	14884.	9.61	0.0230	5805.	37.	0.39
MILE 420.49	611.78	176630.	3.43	51425.	7803.	5.96	0.0230	1421.	33.	0.24
MILE 416.28	610.45	189892.	3.97	47887.	6820.	6.85	0.0270	1418.	31.	0.26
MILE 412.08	607.97	196656.	4.19	46986.	4417.	8.58	0.0270	1421.	31.	0.23
MILE 407.88	606.23	202225.	3.88	52162.	5782.	7.61	0.0270	1421.	30.	0.23
MILE 403.67	604.54	205842.	3.59	57321.	3989.	6.48	0.0240	1418.	31.	0.17
MILE 399.47	602.76	216343.	3.17	68329.	15538.	6.81	0.0220	1421.	39.	0.27
MILE 395.26	601.19	220818.	4.77	46291.	16818.	9.66	0.0220	1418.	43.	0.51
MILE 391.06	599.78	229131.	4.08	56208.	2710.	7.99	0.0220	1292.	33.	0.16
MILE 386.85	598.82	232228.	3.21	72300.	5265.	6.63	0.0210	1164.	40.	0.15
MILE 382.64	598.00	235254.	2.60	90606.	11827.	6.69	0.0210	1161.	35.	0.17
MILE 378.44	597.24	240766.	3.23	74598.	14170.	5.98	0.0210	1161.	41.	0.25
MILE 374.23	596.74	246244.	2.15	114763.	14424.	6.90	0.0210	1164.	38.	0.13
MILE 370.03	596.36	250860.	2.05	122550.	8386.	7.35	0.0210	1164.	46.	0.09
MILE 365.82	595.76	253363.	1.87	135352.	7860.	7.09	0.0210	1161.	43.	0.08
MILE 361.62	595.44	255477.	2.13	120027.	13027.	8.04	0.0210	1164.	50.	0.12
MILE 357.41	595.21	254862.	1.78	143032.	24707.	7.89	0.0210	1161.	59.	0.13
MILE 353.21	595.07	247707.	2.18	113519.	6908.	9.37	0.0230	1164.	58.	0.09
MILE 349.00	594.65	244935.	2.09	117280.	3839.	9.82	0.0240	1163.	60.	0.07

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.54	143600.	3.52	40746.	14567.	9.58	0.0230	5677.	37.	0.37
MILE 420.49	611.44	169029.	3.39	49876.	7673.	6.05	0.0230	1409.	32.	0.23
MILE 416.28	610.19	184840.	3.96	46709.	6731.	7.06	0.0270	1406.	31.	0.26
MILE 412.08	607.80	192637.	4.13	46588.	4386.	8.56	0.0270	1409.	31.	0.22
MILE 407.88	606.10	199461.	3.87	51601.	5735.	7.63	0.0270	1409.	30.	0.23
MILE 403.67	604.43	203528.	3.59	56684.	3958.	6.49	0.0240	1406.	31.	0.17
MILE 399.47	602.66	214350.	3.16	67823.	15411.	6.81	0.0220	1409.	39.	0.27
MILE 395.26	601.11	218838.	4.75	46086.	16720.	9.66	0.0220	1406.	43.	0.50
MILE 391.06	599.70	226984.	4.06	55976.	2707.	7.98	0.0220	1282.	33.	0.16
MILE 386.85	598.75	230014.	3.19	72006.	5262.	6.61	0.0210	1155.	40.	0.15
MILE 382.64	597.94	232944.	2.58	90272.	11774.	6.67	0.0210	1152.	35.	0.16
MILE 378.44	597.19	238124.	3.20	74312.	14122.	5.96	0.0210	1152.	41.	0.25
MILE 374.23	596.70	242674.	2.12	114484.	14414.	6.89	0.0210	1155.	38.	0.13
MILE 370.03	596.33	245486.	2.01	122366.	8382.	7.34	0.0210	1155.	46.	0.09
MILE 365.82	595.76	245945.	1.82	135361.	7860.	7.09	0.0210	1152.	43.	0.08
MILE 361.62	595.47	243787.	2.03	120178.	13033.	8.05	0.0210	1155.	50.	0.12
MILE 357.41	595.26	241544.	1.68	143351.	24737.	7.89	0.0210	1152.	59.	0.12
MILE 353.21	595.11	237857.	2.09	113676.	6912.	9.37	0.0230	1155.	58.	0.09
MILE 349.00	594.69	237158.	2.02	117432.	3840.	9.83	0.0240	1155.	60.	0.06

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.10	134800.	3.37	39979.	14234.	9.55	0.0230	5573.	36.	0.35
MILE 420.49	611.05	162352.	3.37	48156.	7521.	6.16	0.0230	1397.	32.	0.23
MILE 416.28	609.87	178769.	3.93	45536.	6624.	7.23	0.0270	1393.	31.	0.26
MILE 412.08	607.58	188170.	4.08	46086.	4346.	8.54	0.0270	1397.	31.	0.22
MILE 407.88	605.94	195777.	3.85	50891.	5675.	7.67	0.0270	1397.	30.	0.23
MILE 403.67	604.30	200155.	3.58	55929.	3921.	6.50	0.0240	1393.	31.	0.17
MILE 399.47	602.56	211874.	3.15	67292.	15277.	6.82	0.0220	1397.	38.	0.26
MILE 395.26	601.02	216555.	4.72	45882.	16622.	9.66	0.0220	1393.	43.	0.50
MILE 391.06	599.63	224751.	4.03	55747.	2703.	7.97	0.0220	1271.	33.	0.16
MILE 386.85	598.68	227715.	3.17	71723.	5258.	6.60	0.0210	1146.	40.	0.15
MILE 382.64	597.88	230469.	2.56	89962.	11724.	6.66	0.0210	1143.	35.	0.16
MILE 378.44	597.15	234850.	3.17	74073.	14083.	5.95	0.0210	1143.	41.	0.24
MILE 374.23	596.67	236752.	2.07	114322.	14408.	6.88	0.0210	1146.	38.	0.13
MILE 370.03	596.32	237250.	1.94	122328.	8381.	7.34	0.0210	1146.	46.	0.09
MILE 365.82	595.78	237873.	1.76	135514.	7862.	7.09	0.0210	1143.	43.	0.07

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MILE 361.62	595.50	237930.	1.98	120327.	13039.	8.05	0.0210	1146.	50.	0.11
MILE 357.41	595.28	237900.	1.66	143536.	24755.	7.89	0.0210	1143.	59.	0.12
MILE 353.21	595.13	238357.	2.10	113748.	6914.	9.38	0.0230	1146.	58.	0.09
MILE 349.00	594.69	239245.	2.04	117432.	3840.	9.83	0.0240	1146.	60.	0.06

ODATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.75	134500.	3.41	39395.	13978.	9.52	0.0230	5468.	36.	0.36
MILE 420.49	610.68	158913.	3.41	46632.	7381.	6.29	0.0230	1384.	32.	0.24
MILE 416.28	609.54	172104.	3.86	44605.	6513.	7.25	0.0270	1381.	30.	0.26
MILE 412.08	607.34	182125.	4.00	45514.	4301.	8.52	0.0270	1384.	31.	0.22
MILE 407.88	605.74	191170.	3.82	50054.	5603.	7.71	0.0270	1384.	29.	0.23
MILE 403.67	604.14	196063.	3.56	55052.	3878.	6.51	0.0240	1381.	31.	0.17
MILE 399.47	602.44	208841.	3.13	66711.	15130.	6.82	0.0220	1384.	38.	0.26
MILE 395.26	600.93	213759.	4.68	45672.	16520.	9.66	0.0220	1381.	42.	0.50
MILE 391.06	599.55	222151.	4.00	55519.	2700.	7.96	0.0220	1260.	33.	0.16
MILE 386.85	598.62	224995.	3.15	71455.	5255.	6.58	0.0210	1137.	40.	0.15
MILE 382.64	597.83	227438.	2.54	89696.	11682.	6.65	0.0210	1135.	35.	0.16
MILE 378.44	597.11	230863.	3.12	73906.	14055.	5.94	0.0210	1135.	41.	0.24
MILE 374.23	596.65	232512.	2.04	114216.	14404.	6.88	0.0210	1137.	38.	0.13
MILE 370.03	596.31	233804.	1.91	122268.	8380.	7.34	0.0210	1137.	46.	0.09
MILE 365.82	595.78	235124.	1.73	135524.	7862.	7.09	0.0210	1135.	43.	0.07
MILE 361.62	595.50	236845.	1.97	120340.	13040.	8.05	0.0210	1137.	50.	0.11
MILE 357.41	595.28	239174.	1.67	143521.	24753.	7.89	0.0210	1135.	59.	0.12
MILE 353.21	595.12	244289.	2.15	113687.	6912.	9.37	0.0230	1137.	58.	0.09
MILE 349.00	594.64	246768.	2.10	117242.	3839.	9.82	0.0240	1137.	60.	0.07

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.51	137400.	3.52	38989.	13799.	9.51	0.0230	5358.	36.	0.37
MILE 420.49	610.39	157471.	3.46	45454.	7268.	6.41	0.0230	1374.	31.	0.24
MILE 416.28	609.24	168416.	3.85	43768.	6412.	7.26	0.0270	1371.	30.	0.26
MILE 412.08	607.10	177476.	3.95	44951.	4256.	8.49	0.0270	1374.	30.	0.21
MILE 407.88	605.53	186375.	3.79	49170.	5526.	7.76	0.0270	1374.	29.	0.22
MILE 403.67	603.97	191402.	3.54	54086.	3830.	6.53	0.0240	1371.	31.	0.17
MILE 399.47	602.32	205203.	3.11	66071.	14966.	6.83	0.0220	1374.	38.	0.26
MILE 395.26	600.84	210388.	4.63	45449.	16412.	9.66	0.0220	1371.	42.	0.49
MILE 391.06	599.48	219006.	3.96	55292.	2697.	7.95	0.0220	1251.	33.	0.15
MILE 386.85	598.56	221856.	3.12	71205.	5252.	6.57	0.0210	1129.	39.	0.15

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MILE 382.64	597.79	224286.	2.51	89463.	11644.	6.63	0.0210	1127.	35.	0.16
MILE 378.44	597.08	227843.	3.09	73747.	14028.	5.94	0.0210	1127.	41.	0.24
MILE 374.23	596.63	230557.	2.02	114072.	14399.	6.87	0.0210	1129.	38.	0.13
MILE 370.03	596.29	233319.	1.91	122139.	8377.	7.33	0.0210	1129.	46.	0.09
MILE 365.82	595.76	235657.	1.74	135376.	7860.	7.09	0.0210	1127.	43.	0.07
MILE 361.62	595.47	239055.	1.99	120214.	13035.	8.05	0.0210	1129.	50.	0.12
MILE 357.41	595.26	241381.	1.68	143372.	24739.	7.89	0.0210	1127.	59.	0.12
MILE 353.21	595.11	242404.	2.13	113669.	6912.	9.37	0.0230	1129.	58.	0.09
MILE 349.00	594.67	243057.	2.07	117356.	3840.	9.82	0.0240	1129.	60.	0.07

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.28	137200.	3.55	38594.	13623.	9.49	0.0230	5248.	35.	0.37
MILE 420.49	610.13	155727.	3.50	44446.	7167.	6.53	0.0230	1364.	31.	0.25
MILE 416.28	608.98	165743.	3.85	43065.	6325.	7.27	0.0270	1361.	30.	0.26
MILE 412.08	606.88	174097.	3.92	44440.	4215.	8.47	0.0270	1364.	30.	0.21
MILE 407.88	605.32	182394.	3.77	48328.	5451.	7.82	0.0270	1364.	29.	0.22
MILE 403.67	603.79	187257.	3.53	53119.	3781.	6.55	0.0240	1361.	30.	0.17
MILE 399.47	602.18	201282.	3.08	65396.	14792.	6.84	0.0220	1364.	38.	0.26
MILE 395.26	600.74	206594.	4.57	45213.	16298.	9.67	0.0220	1361.	42.	0.48
MILE 391.06	599.40	215608.	3.92	55056.	2693.	7.94	0.0220	1242.	33.	0.15
MILE 386.85	598.50	218622.	3.08	70947.	5249.	6.55	0.0210	1121.	39.	0.15
MILE 382.64	597.74	221266.	2.48	89217.	11605.	6.62	0.0210	1119.	35.	0.16
MILE 378.44	597.05	225514.	3.07	73555.	13996.	5.93	0.0210	1119.	41.	0.24
MILE 374.23	596.60	229690.	2.02	113861.	14391.	6.86	0.0210	1121.	38.	0.13
MILE 370.03	596.26	233290.	1.91	121949.	8374.	7.33	0.0210	1121.	46.	0.09
MILE 365.82	595.73	235116.	1.74	135203.	7858.	7.08	0.0210	1119.	43.	0.07
MILE 361.62	595.46	236805.	1.97	120130.	13031.	8.05	0.0210	1121.	50.	0.11
MILE 357.41	595.25	239441.	1.67	143270.	24730.	7.89	0.0210	1119.	59.	0.12
MILE 353.21	595.08	245090.	2.16	113542.	6908.	9.37	0.0230	1121.	58.	0.09
MILE 349.00	594.60	247839.	2.12	117090.	3838.	9.81	0.0240	1121.	60.	0.07

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.07	137500.	3.60	38245.	13467.	9.48	0.0230	5158.	35.	0.38
MILE 420.49	609.89	154309.	3.53	43689.	7077.	6.60	0.0230	1354.	31.	0.25
MILE 416.28	608.75	163507.	3.85	42430.	6246.	7.29	0.0270	1351.	30.	0.26
MILE 412.08	606.68	171198.	3.89	43974.	4178.	8.45	0.0270	1354.	30.	0.21
MILE 407.88	605.13	179035.	3.77	47550.	5382.	7.87	0.0270	1354.	29.	0.22

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MILE 403.67	603.62	183741.	3.52	52191.	3734.	6.57	0.0240	1351.	30.	0.17
MILE 399.47	602.04	197523.	3.05	64717.	14615.	6.84	0.0220	1354.	38.	0.26
MILE 395.26	600.64	202862.	4.51	44968.	16178.	9.67	0.0220	1351.	42.	0.48
MILE 391.06	599.32	212228.	3.87	54806.	2690.	7.94	0.0220	1233.	33.	0.15
MILE 386.85	598.43	215440.	3.05	70664.	5246.	6.53	0.0210	1113.	39.	0.15
MILE 382.64	597.69	218342.	2.46	88933.	11560.	6.61	0.0210	1111.	34.	0.16
MILE 378.44	597.00	223170.	3.04	73325.	13958.	5.92	0.0210	1111.	41.	0.23
MILE 374.23	596.56	227113.	2.00	113637.	14383.	6.86	0.0210	1113.	38.	0.13
MILE 370.03	596.23	230774.	1.90	121764.	8370.	7.32	0.0210	1113.	46.	0.09
MILE 365.82	595.71	233696.	1.73	134999.	7855.	7.07	0.0210	1111.	43.	0.07
MILE 361.62	595.43	238105.	1.98	119953.	13024.	8.04	0.0210	1113.	50.	0.12
MILE 357.41	595.21	241437.	1.69	143031.	24707.	7.89	0.0210	1111.	59.	0.12
MILE 353.21	595.06	244561.	2.16	113449.	6906.	9.36	0.0230	1113.	58.	0.09
MILE 349.00	594.60	246008.	2.10	117090.	3838.	9.81	0.0240	1113.	60.	0.07

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.88	137200.	3.62	37935.	13328.	9.46	0.0230	5068.	35.	0.38
MILE 420.49	609.68	152508.	3.53	43149.	6995.	6.61	0.0230	1344.	31.	0.25
MILE 416.28	608.53	161327.	3.85	41851.	6173.	7.30	0.0270	1340.	29.	0.26
MILE 412.08	606.49	168682.	3.87	43543.	4143.	8.44	0.0270	1344.	30.	0.21
MILE 407.88	604.94	176131.	3.76	46888.	5316.	7.91	0.0270	1344.	29.	0.22
MILE 403.67	603.46	180673.	3.52	51307.	3688.	6.59	0.0240	1340.	30.	0.17
MILE 399.47	601.91	194082.	3.03	64050.	14440.	6.85	0.0220	1344.	38.	0.25
MILE 395.26	600.53	199411.	4.46	44718.	16056.	9.67	0.0220	1340.	42.	0.47
MILE 391.06	599.23	208966.	3.83	54545.	2686.	7.93	0.0220	1224.	33.	0.15
MILE 386.85	598.36	212252.	3.02	70361.	5243.	6.52	0.0210	1105.	39.	0.15
MILE 382.64	597.63	215222.	2.43	88623.	11510.	6.59	0.0210	1103.	34.	0.15
MILE 378.44	596.96	220298.	3.01	73077.	13916.	5.91	0.0210	1103.	41.	0.23
MILE 374.23	596.52	225510.	1.99	113363.	14373.	6.85	0.0210	1105.	38.	0.12
MILE 370.03	596.19	230276.	1.90	121502.	8364.	7.31	0.0210	1105.	46.	0.09
MILE 365.82	595.67	232914.	1.73	134723.	7852.	7.07	0.0210	1103.	42.	0.07
MILE 361.62	595.39	235988.	1.97	119786.	13017.	8.03	0.0210	1105.	50.	0.11
MILE 357.41	595.18	239316.	1.68	142836.	24689.	7.88	0.0210	1103.	59.	0.12
MILE 353.21	595.02	244871.	2.16	113308.	6902.	9.35	0.0230	1105.	58.	0.09
MILE 349.00	594.55	247290.	2.12	116899.	3836.	9.80	0.0240	1105.	60.	0.07

0DATE 3-20-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	610.72	137200.	3.64	37662.	13205.	9.45	0.0230	4985.	35.	0.38
MILE 420.49	609.49	151382.	3.55	42672.	6922.	6.63	0.0230	1333.	30.	0.25
MILE 416.28	608.33	159482.	3.86	41331.	6106.	7.31	0.0270	1330.	29.	0.26
MILE 412.08	606.31	166299.	3.85	43145.	4111.	8.42	0.0270	1333.	30.	0.21
MILE 407.88	604.77	173245.	3.73	46407.	5254.	7.90	0.0270	1333.	29.	0.22
MILE 403.67	603.30	177744.	3.52	50460.	3644.	6.62	0.0240	1330.	30.	0.17
MILE 399.47	601.78	190912.	3.01	63401.	14268.	6.86	0.0220	1333.	38.	0.25
MILE 395.26	600.42	196206.	4.41	44467.	15933.	9.68	0.0220	1330.	42.	0.47
MILE 391.06	599.14	205749.	3.79	54280.	2682.	7.92	0.0220	1215.	33.	0.15
MILE 386.85	598.29	209119.	2.99	70046.	5239.	6.50	0.0210	1097.	39.	0.14
MILE 382.64	597.56	212258.	2.40	88290.	11457.	6.58	0.0210	1095.	34.	0.15
MILE 378.44	596.90	217806.	2.99	72790.	13868.	5.89	0.0210	1095.	41.	0.23
MILE 374.23	596.47	222998.	1.97	113059.	14362.	6.84	0.0210	1097.	38.	0.12
MILE 370.03	596.15	227765.	1.88	121239.	8359.	7.30	0.0210	1097.	46.	0.09
MILE 365.82	595.63	230973.	1.72	134446.	7849.	7.06	0.0210	1095.	42.	0.07
MILE 361.62	595.35	235583.	1.97	119576.	13009.	8.02	0.0210	1097.	50.	0.11
MILE 357.41	595.14	239880.	1.68	142548.	24662.	7.88	0.0210	1095.	59.	0.12
MILE 353.21	594.98	246243.	2.18	113134.	6893.	9.35	0.0230	1097.	58.	0.09
MILE 349.00	594.50	248893.	2.13	116709.	3835.	9.79	0.0240	1097.	60.	0.07

ODATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.53	135100.	3.62	37351.	13063.	9.44	0.0230	4903.	35.	0.38
MILE 420.49	609.30	149374.	3.54	42200.	6849.	6.65	0.0230	1323.	30.	0.25
MILE 416.28	608.14	157518.	3.86	40848.	6043.	7.33	0.0270	1320.	29.	0.26
MILE 412.08	606.15	164177.	3.84	42778.	4081.	8.41	0.0270	1323.	30.	0.21
MILE 407.88	604.62	170781.	3.72	45960.	5197.	7.89	0.0270	1323.	28.	0.22
MILE 403.67	603.14	175141.	3.53	49664.	3602.	6.64	0.0240	1320.	30.	0.17
MILE 399.47	601.65	187926.	2.99	62773.	14100.	6.87	0.0220	1323.	38.	0.25
MILE 395.26	600.32	193159.	4.37	44218.	15810.	9.68	0.0220	1320.	42.	0.46
MILE 391.06	599.05	202716.	3.75	54010.	2678.	7.91	0.0220	1206.	33.	0.15
MILE 386.85	598.21	206116.	2.96	69717.	5235.	6.48	0.0210	1089.	39.	0.14
MILE 382.64	597.50	209288.	2.38	87936.	11400.	6.56	0.0210	1087.	34.	0.15
MILE 378.44	596.85	214938.	2.97	72490.	13818.	5.88	0.0210	1087.	40.	0.23
MILE 374.23	596.42	220818.	1.96	112727.	14350.	6.82	0.0210	1089.	38.	0.12
MILE 370.03	596.10	226451.	1.87	120923.	8352.	7.29	0.0210	1089.	46.	0.09
MILE 365.82	595.58	230002.	1.72	134084.	7844.	7.05	0.0210	1087.	42.	0.07
MILE 361.62	595.31	234935.	1.97	119318.	12998.	8.01	0.0210	1089.	50.	0.11
MILE 357.41	595.09	239103.	1.68	142237.	24632.	7.88	0.0210	1087.	59.	0.12
MILE 353.21	594.94	244107.	2.16	112984.	6881.	9.34	0.0230	1089.	58.	0.09
MILE 349.00	594.48	246027.	2.11	116633.	3834.	9.78	0.0240	1089.	60.	0.07

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.38	135100.	3.64	37096.	12948.	9.43	0.0230	4836.	34.	0.38
MILE 420.49	609.12	148326.	3.55	41770.	6781.	6.66	0.0230	1314.	30.	0.25
MILE 416.28	607.96	155763.	3.86	40379.	5981.	7.34	0.0270	1311.	29.	0.26
MILE 412.08	606.00	162046.	3.82	42427.	4052.	8.39	0.0270	1314.	29.	0.21
MILE 407.88	604.46	168473.	3.70	45534.	5142.	7.88	0.0270	1314.	28.	0.22
MILE 403.67	603.00	172740.	3.53	48906.	3561.	6.67	0.0240	1311.	30.	0.17
MILE 399.47	601.52	185156.	2.98	62171.	13938.	6.88	0.0220	1314.	37.	0.25
MILE 395.26	600.21	190315.	4.33	43972.	15688.	9.68	0.0220	1311.	42.	0.46
MILE 391.06	598.96	199764.	3.72	53740.	2674.	7.90	0.0220	1197.	32.	0.15
MILE 386.85	598.13	203189.	2.93	69383.	5231.	6.46	0.0210	1081.	39.	0.14
MILE 382.64	597.43	206449.	2.36	87568.	11341.	6.54	0.0210	1078.	34.	0.15
MILE 378.44	596.79	212423.	2.94	72162.	13763.	5.87	0.0210	1078.	40.	0.23
MILE 374.23	596.36	218813.	1.95	112356.	14336.	6.81	0.0210	1081.	38.	0.12
MILE 370.03	596.04	224703.	1.86	120583.	8345.	7.27	0.0210	1081.	46.	0.09
MILE 365.82	595.53	228063.	1.71	133727.	7840.	7.03	0.0210	1078.	42.	0.07
MILE 361.62	595.26	232312.	1.95	119086.	12988.	8.00	0.0210	1081.	50.	0.11
MILE 357.41	595.06	236098.	1.66	141970.	24607.	7.87	0.0210	1078.	59.	0.12
MILE 353.21	594.90	241130.	2.14	112836.	6869.	9.33	0.0230	1081.	58.	0.09
MILE 349.00	594.45	243143.	2.09	116519.	3833.	9.78	0.0240	1081.	60.	0.07

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.23	134800.	3.66	36859.	12839.	9.42	0.0230	4770.	34.	0.38
MILE 420.49	608.96	147316.	3.56	41376.	6718.	6.68	0.0230	1305.	30.	0.25
MILE 416.28	607.79	154306.	3.86	39951.	5925.	7.36	0.0270	1302.	29.	0.26
MILE 412.08	605.85	160260.	3.81	42100.	4025.	8.38	0.0270	1305.	29.	0.21
MILE 407.88	604.32	166379.	3.69	45126.	5089.	7.87	0.0270	1305.	28.	0.22
MILE 403.67	602.85	170504.	3.54	48177.	3521.	6.69	0.0240	1302.	30.	0.17
MILE 399.47	601.40	182545.	2.96	61592.	13781.	6.89	0.0220	1305.	37.	0.25
MILE 395.26	600.11	187624.	4.29	43733.	15569.	9.69	0.0220	1302.	42.	0.45
MILE 391.06	598.87	196988.	3.68	53472.	2670.	7.89	0.0220	1188.	32.	0.15
MILE 386.85	598.05	200439.	2.90	69042.	5227.	6.44	0.0210	1072.	39.	0.14
MILE 382.64	597.35	203755.	2.34	87184.	11280.	6.53	0.0210	1069.	34.	0.15
MILE 378.44	596.72	209838.	2.92	71819.	13705.	5.85	0.0210	1069.	40.	0.22
MILE 374.23	596.30	216050.	1.93	111981.	14322.	6.80	0.0210	1072.	38.	0.12
MILE 370.03	595.99	221709.	1.84	120252.	8339.	7.26	0.0210	1072.	46.	0.09
MILE 365.82	595.48	225116.	1.69	133391.	7835.	7.02	0.0210	1069.	42.	0.07
MILE 361.62	595.22	229688.	1.93	118858.	12979.	7.99	0.0210	1072.	50.	0.11
MILE 357.41	595.01	233961.	1.65	141684.	24580.	7.87	0.0210	1069.	59.	0.12
MILE 353.21	594.86	240406.	2.13	112659.	6855.	9.32	0.0230	1072.	58.	0.09

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MILE 349.00 594.40 242959. 2.09 116329. 3832. 9.77 0.0240 1072. 60. 0.07

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.11	135100.	3.69	36658.	12747.	9.41	0.0230	4751.	34.	0.38
MILE 420.49	608.81	146722.	3.58	41025.	6661.	6.69	0.0230	1296.	30.	0.25
MILE 416.28	607.63	153111.	3.87	39558.	5872.	7.37	0.0270	1292.	28.	0.26
MILE 412.08	605.71	158680.	3.80	41794.	4000.	8.37	0.0270	1296.	29.	0.21
MILE 407.88	604.18	164509.	3.68	44741.	5038.	7.87	0.0270	1296.	28.	0.22
MILE 403.67	602.72	168500.	3.55	47483.	3483.	6.72	0.0240	1292.	29.	0.17
MILE 399.47	601.28	180118.	2.95	61037.	13629.	6.90	0.0220	1296.	37.	0.25
MILE 395.26	600.01	185104.	4.26	43499.	15452.	9.69	0.0220	1292.	42.	0.45
MILE 391.06	598.79	194342.	3.65	53205.	2666.	7.88	0.0220	1179.	32.	0.14
MILE 386.85	597.97	197767.	2.88	68699.	5224.	6.42	0.0210	1063.	39.	0.14
MILE 382.64	597.28	201052.	2.32	86796.	11218.	6.51	0.0210	1061.	34.	0.15
MILE 378.44	596.66	207041.	2.90	71477.	13648.	5.83	0.0210	1061.	40.	0.22
MILE 374.23	596.24	213254.	1.91	111605.	14308.	6.78	0.0210	1063.	38.	0.12
MILE 370.03	595.93	219148.	1.83	119908.	8332.	7.25	0.0210	1063.	46.	0.08
MILE 365.82	595.43	222846.	1.68	133019.	7831.	7.01	0.0210	1061.	42.	0.07
MILE 361.62	595.17	227945.	1.92	118596.	12968.	7.98	0.0210	1063.	50.	0.11
MILE 357.41	594.97	231840.	1.64	141392.	24536.	7.87	0.0210	1061.	58.	0.12
MILE 353.21	594.83	235751.	2.09	112535.	6845.	9.32	0.0230	1063.	58.	0.09
MILE 349.00	594.40	237156.	2.04	116329.	3832.	9.77	0.0240	1063.	60.	0.07

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.99	134800.	3.70	36464.	12656.	9.40	0.0230	4731.	34.	0.38
MILE 420.49	608.67	145982.	3.59	40700.	6608.	6.71	0.0230	1286.	30.	0.25
MILE 416.28	607.49	152056.	3.88	39198.	5823.	7.39	0.0270	1283.	28.	0.26
MILE 412.08	605.59	157341.	3.79	41512.	3976.	8.35	0.0270	1286.	29.	0.21
MILE 407.88	604.04	162871.	3.67	44378.	4991.	7.86	0.0270	1286.	28.	0.22
MILE 403.67	602.58	166713.	3.56	46824.	3447.	6.74	0.0240	1283.	29.	0.17
MILE 399.47	601.17	177889.	2.94	60506.	13482.	6.91	0.0220	1286.	37.	0.24
MILE 395.26	599.91	182748.	4.22	43296.	15338.	9.69	0.0220	1283.	41.	0.44
MILE 391.06	598.70	191768.	3.62	52943.	2662.	7.87	0.0220	1170.	32.	0.14
MILE 386.85	597.89	195148.	2.85	68360.	5220.	6.39	0.0210	1055.	39.	0.14
MILE 382.64	597.21	198412.	2.30	86410.	11156.	6.49	0.0210	1052.	34.	0.15
MILE 378.44	596.59	204413.	2.87	71131.	13590.	5.82	0.0210	1052.	40.	0.22
MILE 374.23	596.18	210913.	1.90	111215.	14294.	6.77	0.0210	1055.	38.	0.12

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MILE 370.03	595.87	216816.	1.81	119555.	8324.	7.23	0.0210	1055.	46.	0.08
MILE 365.82	595.38	219982.	1.66	132673.	7826.	7.00	0.0210	1052.	42.	0.07
MILE 361.62	595.13	223682.	1.89	118390.	12960.	7.97	0.0210	1055.	50.	0.11
MILE 357.41	594.94	226901.	1.61	141187.	24500.	7.86	0.0210	1052.	58.	0.12
MILE 353.21	594.80	231033.	2.06	112417.	6835.	9.31	0.0230	1055.	58.	0.09
MILE 349.00	594.38	232674.	2.00	116252.	3831.	9.76	0.0240	1055.	60.	0.06

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.77	129500.	3.58	36180.	12498.	9.37	0.0230	4772.	34.	0.37
MILE 420.49	608.50	142787.	3.54	40293.	6540.	6.73	0.0230	1277.	29.	0.25
MILE 416.28	607.34	150176.	3.87	38826.	5772.	7.40	0.0270	1274.	28.	0.26
MILE 412.08	605.46	155886.	3.78	41240.	3954.	8.34	0.0270	1277.	29.	0.21
MILE 407.88	603.92	161367.	3.66	44035.	4945.	7.85	0.0270	1277.	28.	0.22
MILE 403.67	602.46	165105.	3.57	46200.	3412.	6.77	0.0240	1274.	29.	0.17
MILE 399.47	601.06	175797.	2.93	60000.	13341.	6.92	0.0220	1277.	37.	0.24
MILE 395.26	599.81	180526.	4.19	43102.	15228.	9.68	0.0220	1274.	41.	0.44
MILE 391.06	598.61	189308.	3.59	52689.	2658.	7.86	0.0220	1161.	32.	0.14
MILE 386.85	597.81	192659.	2.83	68025.	5216.	6.37	0.0210	1046.	39.	0.14
MILE 382.64	597.13	195915.	2.28	86025.	11094.	6.47	0.0210	1043.	34.	0.14
MILE 378.44	596.53	201842.	2.85	70785.	13531.	5.80	0.0210	1043.	40.	0.22
MILE 374.23	596.12	207706.	1.87	110844.	14280.	6.75	0.0210	1046.	38.	0.12
MILE 370.03	595.82	212945.	1.79	119240.	8318.	7.22	0.0210	1046.	46.	0.08
MILE 365.82	595.34	216097.	1.63	132378.	7823.	6.99	0.0210	1043.	42.	0.07
MILE 361.62	595.09	220346.	1.86	118193.	12952.	7.96	0.0210	1046.	49.	0.11
MILE 357.41	594.90	224838.	1.60	140931.	24456.	7.86	0.0210	1043.	58.	0.12
MILE 353.21	594.74	232919.	2.08	112211.	6819.	9.30	0.0230	1046.	58.	0.09
MILE 349.00	594.30	236150.	2.04	115948.	3829.	9.75	0.0240	1046.	60.	0.07

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.63	129500.	3.60	35983.	12389.	9.35	0.0230	4812.	34.	0.37
MILE 420.49	608.33	141784.	3.55	39916.	6477.	6.75	0.0230	1268.	29.	0.25
MILE 416.28	607.17	148391.	3.86	38410.	5714.	7.42	0.0270	1265.	28.	0.26
MILE 412.08	605.33	153910.	3.76	40946.	3929.	8.33	0.0270	1268.	29.	0.21
MILE 407.88	603.79	159568.	3.65	43685.	4899.	7.85	0.0270	1268.	28.	0.22
MILE 403.67	602.33	163369.	3.58	45588.	3377.	6.80	0.0240	1265.	29.	0.17
MILE 399.47	600.95	173815.	2.92	59518.	13206.	6.93	0.0220	1268.	37.	0.24
MILE 395.26	599.72	178451.	4.16	42915.	15122.	9.68	0.0220	1265.	41.	0.43

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MILE 391.06	598.53	186984.	3.57	52441.	2655.	7.85	0.0220	1152.	32.	0.14
MILE 386.85	597.73	190245.	2.81	67698.	5212.	6.35	0.0210	1037.	39.	0.14
MILE 382.64	597.06	193381.	2.26	85650.	11034.	6.45	0.0210	1035.	34.	0.14
MILE 378.44	596.47	198987.	2.82	70457.	13476.	5.79	0.0210	1035.	40.	0.22
MILE 374.23	596.07	204737.	1.85	110488.	14267.	6.74	0.0210	1037.	38.	0.12
MILE 370.03	595.77	210475.	1.77	118907.	8311.	7.21	0.0210	1037.	46.	0.08
MILE 365.82	595.29	214456.	1.62	131992.	7818.	6.98	0.0210	1035.	42.	0.07
MILE 361.62	595.04	220589.	1.87	117890.	12939.	7.95	0.0210	1037.	49.	0.11
MILE 357.41	594.84	226014.	1.61	140548.	24389.	7.85	0.0210	1035.	58.	0.12
MILE 353.21	594.69	233715.	2.09	111991.	6801.	9.29	0.0230	1037.	58.	0.09
MILE 349.00	594.25	236523.	2.04	115758.	3827.	9.73	0.0240	1037.	60.	0.07

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.49	129200.	3.61	35805.	12289.	9.33	0.0230	4813.	33.	0.37
MILE 420.49	608.18	140872.	3.56	39570.	6418.	6.77	0.0230	1260.	29.	0.25
MILE 416.28	607.01	147092.	3.87	38030.	5661.	7.44	0.0270	1257.	28.	0.26
MILE 412.08	605.20	152378.	3.75	40662.	3905.	8.32	0.0270	1260.	29.	0.20
MILE 407.88	603.66	157817.	3.64	43333.	4852.	7.84	0.0270	1260.	27.	0.21
MILE 403.67	602.21	161526.	3.59	44977.	3342.	6.83	0.0240	1257.	29.	0.17
MILE 399.47	600.85	171797.	2.91	59051.	13074.	6.94	0.0220	1260.	37.	0.24
MILE 395.26	599.63	176361.	4.13	42734.	15018.	9.67	0.0220	1257.	41.	0.43
MILE 391.06	598.45	184665.	3.54	52202.	2651.	7.84	0.0220	1146.	32.	0.14
MILE 386.85	597.66	187860.	2.79	67384.	5208.	6.34	0.0210	1033.	39.	0.14
MILE 382.64	597.00	190955.	2.24	85289.	10976.	6.43	0.0210	1031.	34.	0.14
MILE 378.44	596.40	196615.	2.80	70127.	13421.	5.77	0.0210	1031.	40.	0.22
MILE 374.23	596.01	203338.	1.85	110093.	14253.	6.73	0.0210	1033.	38.	0.12
MILE 370.03	595.71	210038.	1.77	118517.	8303.	7.19	0.0210	1033.	46.	0.08
MILE 365.82	595.23	214043.	1.63	131533.	7812.	6.96	0.0210	1031.	42.	0.07
MILE 361.62	594.98	219710.	1.87	117564.	12917.	7.93	0.0210	1033.	49.	0.11
MILE 357.41	594.78	225219.	1.61	140153.	24319.	7.85	0.0210	1031.	58.	0.12
MILE 353.21	594.63	233767.	2.09	111739.	6781.	9.28	0.0230	1033.	58.	0.09
MILE 349.00	594.18	236925.	2.05	115491.	3825.	9.72	0.0240	1033.	60.	0.07

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.38	129500.	3.63	35654.	12205.	9.31	0.0230	4814.	33.	0.37
MILE 420.49	608.04	140386.	3.58	39264.	6365.	6.79	0.0230	1252.	29.	0.25
MILE 416.28	606.86	146078.	3.88	37681.	5612.	7.46	0.0270	1249.	28.	0.26

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MILE 412.08	605.08	151036.	3.74	40395.	3883.	8.31	0.0270	1252.	28.	0.20
MILE 407.88	603.54	156251.	3.63	42996.	4807.	7.84	0.0270	1252.	27.	0.21
MILE 403.67	602.08	159859.	3.60	44389.	3308.	6.87	0.0240	1249.	29.	0.17
MILE 399.47	600.75	169794.	2.90	58602.	12947.	6.95	0.0220	1252.	37.	0.24
MILE 395.26	599.54	174272.	4.10	42556.	14916.	9.67	0.0220	1249.	41.	0.43
MILE 391.06	598.37	182415.	3.51	51967.	2648.	7.83	0.0220	1140.	32.	0.14
MILE 386.85	597.59	185639.	2.77	67070.	5205.	6.32	0.0210	1029.	38.	0.14
MILE 382.64	596.93	188837.	2.22	84920.	10917.	6.42	0.0210	1027.	34.	0.14
MILE 378.44	596.34	194802.	2.79	69774.	13361.	5.76	0.0210	1027.	40.	0.22
MILE 374.23	595.94	201717.	1.84	109676.	14237.	6.71	0.0210	1029.	37.	0.12
MILE 370.03	595.64	208576.	1.77	118118.	8295.	7.18	0.0210	1029.	46.	0.08
MILE 365.82	595.16	212870.	1.62	131062.	7806.	6.95	0.0210	1027.	42.	0.07
MILE 361.62	594.91	219154.	1.87	117217.	12877.	7.92	0.0210	1029.	49.	0.11
MILE 357.41	594.71	224843.	1.61	139725.	24244.	7.84	0.0210	1027.	58.	0.12
MILE 353.21	594.56	232953.	2.09	111486.	6760.	9.27	0.0230	1029.	58.	0.09
MILE 349.00	594.12	235920.	2.05	115263.	3823.	9.71	0.0240	1029.	60.	0.07

ODATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.28	129500.	3.65	35513.	12126.	9.30	0.0230	4827.	33.	0.38
MILE 420.49	607.91	139897.	3.59	38985.	6316.	6.81	0.0230	1244.	29.	0.25
MILE 416.28	606.73	145241.	3.89	37364.	5567.	7.48	0.0270	1241.	28.	0.26
MILE 412.08	604.97	149955.	3.73	40163.	3862.	8.29	0.0270	1244.	28.	0.20
MILE 407.88	603.42	154881.	3.63	42678.	4764.	7.83	0.0270	1244.	27.	0.21
MILE 403.67	601.96	158356.	3.61	43829.	3275.	6.90	0.0240	1241.	29.	0.17
MILE 399.47	600.66	167914.	2.89	58171.	12823.	6.96	0.0220	1244.	37.	0.24
MILE 395.26	599.46	172305.	4.07	42382.	14816.	9.66	0.0220	1241.	41.	0.42
MILE 391.06	598.29	180365.	3.49	51731.	2644.	7.82	0.0220	1134.	32.	0.14
MILE 386.85	597.51	183600.	2.75	66750.	5201.	6.30	0.0210	1025.	38.	0.14
MILE 382.64	596.85	186829.	2.21	84538.	10856.	6.40	0.0210	1023.	34.	0.14
MILE 378.44	596.27	192871.	2.78	69412.	13300.	5.74	0.0210	1023.	40.	0.21
MILE 374.23	595.87	200095.	1.83	109243.	14221.	6.70	0.0210	1025.	37.	0.12
MILE 370.03	595.57	207254.	1.76	117699.	8286.	7.16	0.0210	1025.	46.	0.08
MILE 365.82	595.09	211524.	1.62	130573.	7800.	6.93	0.0210	1023.	42.	0.07
MILE 361.62	594.85	217187.	1.86	116883.	12839.	7.91	0.0210	1025.	49.	0.11
MILE 357.41	594.66	220525.	1.58	139399.	24187.	7.84	0.0210	1023.	58.	0.12
MILE 353.21	594.54	221033.	1.98	111412.	6755.	9.26	0.0230	1025.	58.	0.09
MILE 349.00	594.18	220949.	1.91	115491.	3825.	9.72	0.0240	1025.	60.	0.06

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.97	119300.	3.40	35106.	11898.	9.25	0.0230	4840.	33.	0.35
MILE 420.49	607.70	134324.	3.49	38528.	6235.	6.84	0.0230	1236.	29.	0.25
MILE 416.28	606.57	142688.	3.86	37001.	5514.	7.50	0.0270	1233.	27.	0.26
MILE 412.08	604.86	148506.	3.72	39973.	3841.	8.27	0.0270	1236.	28.	0.20
MILE 407.88	603.30	153608.	3.62	42375.	4723.	7.83	0.0270	1236.	27.	0.21
MILE 403.67	601.85	157023.	3.63	43298.	3244.	6.93	0.0240	1233.	29.	0.17
MILE 399.47	600.57	166217.	2.88	57760.	12705.	6.97	0.0220	1236.	36.	0.24
MILE 395.26	599.37	170516.	4.04	42212.	14719.	9.66	0.0220	1233.	41.	0.42
MILE 391.06	598.21	178434.	3.46	51498.	2640.	7.81	0.0220	1128.	32.	0.14
MILE 386.85	597.44	181664.	2.73	66428.	5197.	6.28	0.0210	1021.	38.	0.13
MILE 382.64	596.78	184921.	2.20	84150.	10794.	6.38	0.0210	1019.	34.	0.14
MILE 378.44	596.20	191031.	2.77	69041.	13237.	5.72	0.0210	1019.	40.	0.21
MILE 374.23	595.80	198073.	1.82	108810.	14205.	6.68	0.0210	1021.	37.	0.12
MILE 370.03	595.51	204131.	1.74	117320.	8278.	7.14	0.0210	1021.	46.	0.08
MILE 365.82	595.05	206643.	1.59	130259.	7796.	6.92	0.0210	1019.	42.	0.07
MILE 361.62	594.82	208092.	1.78	116765.	12826.	7.90	0.0210	1021.	49.	0.10
MILE 357.41	594.66	207779.	1.49	139403.	24188.	7.84	0.0210	1019.	58.	0.11
MILE 353.21	594.57	203307.	1.82	111506.	6762.	9.27	0.0230	1021.	58.	0.08
MILE 349.00	594.27	201785.	1.74	115834.	3828.	9.74	0.0240	1021.	60.	0.06

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.78	119100.	3.42	34854.	11756.	9.22	0.0230	4880.	33.	0.35
MILE 420.49	607.50	132824.	3.49	38095.	6157.	6.87	0.0230	1228.	28.	0.25
MILE 416.28	606.37	140143.	3.84	36530.	5445.	7.53	0.0270	1225.	27.	0.26
MILE 412.08	604.71	145834.	3.67	39728.	3815.	8.25	0.0270	1228.	28.	0.20
MILE 407.88	603.18	151602.	3.61	42038.	4677.	7.82	0.0270	1228.	27.	0.21
MILE 403.67	601.73	155300.	3.63	42755.	3211.	6.97	0.0240	1225.	28.	0.18
MILE 399.47	600.48	164568.	2.87	57363.	12590.	6.98	0.0220	1228.	36.	0.24
MILE 395.26	599.29	168851.	4.02	42047.	14623.	9.65	0.0220	1225.	41.	0.42
MILE 391.06	598.13	176626.	3.45	51269.	2637.	7.80	0.0220	1122.	32.	0.14
MILE 386.85	597.36	179818.	2.72	66108.	5194.	6.26	0.0210	1017.	38.	0.13
MILE 382.64	596.71	182993.	2.18	83765.	10732.	6.36	0.0210	1015.	34.	0.14
MILE 378.44	596.13	188620.	2.75	68695.	13179.	5.71	0.0210	1015.	40.	0.21
MILE 374.23	595.75	193306.	1.78	108475.	14193.	6.67	0.0210	1017.	37.	0.11
MILE 370.03	595.48	196303.	1.68	117106.	8274.	7.14	0.0210	1017.	45.	0.08
MILE 365.82	595.05	197287.	1.51	130239.	7796.	6.92	0.0210	1015.	42.	0.07
MILE 361.62	594.84	196930.	1.69	116847.	12835.	7.91	0.0210	1017.	49.	0.10
MILE 357.41	594.68	197413.	1.41	139533.	24211.	7.84	0.0210	1015.	58.	0.10
MILE 353.21	594.56	200061.	1.79	111498.	6761.	9.27	0.0230	1017.	58.	0.08
MILE 349.00	594.23	201611.	1.74	115682.	3827.	9.73	0.0240	1017.	60.	0.06

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TIME 12.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	608.63	119600.	3.45	34652.	11642.	9.20	0.0230	4920. 33. 0.35
MILE 420.49	607.32	132098.	3.50	37725.	6089.	6.90	0.0230	1220. 28. 0.25
MILE 416.28	606.19	138570.	3.83	36135.	5387.	7.55	0.0270	1217. 27. 0.26
MILE 412.08	604.55	143916.	3.65	39457.	3786.	8.21	0.0270	1220. 28. 0.20
MILE 407.88	603.03	149450.	3.59	41657.	4625.	7.82	0.0270	1220. 27. 0.21
MILE 403.67	601.60	153126.	3.63	42166.	3176.	7.01	0.0240	1217. 28. 0.18
MILE 399.47	600.39	162653.	2.86	56956.	12471.	6.99	0.0220	1220. 36. 0.24
MILE 395.26	599.21	167016.	3.99	41883.	14529.	9.65	0.0220	1217. 41. 0.41
MILE 391.06	598.05	174737.	3.42	51045.	2634.	7.80	0.0220	1116. 32. 0.14
MILE 386.85	597.29	177766.	2.70	65805.	5190.	6.24	0.0210	1013. 38. 0.13
MILE 382.64	596.64	180570.	2.16	83424.	10677.	6.34	0.0210	1011. 33. 0.14
MILE 378.44	596.08	184946.	2.70	68434.	13135.	5.69	0.0210	1011. 40. 0.21
MILE 374.23	595.72	187370.	1.73	108274.	14185.	6.66	0.0210	1013. 37. 0.11
MILE 370.03	595.46	189338.	1.62	116983.	8271.	7.13	0.0210	1013. 45. 0.08
MILE 365.82	595.04	191512.	1.47	130190.	7796.	6.92	0.0210	1011. 42. 0.06
MILE 361.62	594.83	195069.	1.67	116788.	12829.	7.90	0.0210	1013. 49. 0.10
MILE 357.41	594.66	198533.	1.42	139407.	24188.	7.84	0.0210	1011. 58. 0.10
MILE 353.21	594.54	204890.	1.84	111388.	6753.	9.26	0.0230	1013. 58. 0.08
MILE 349.00	594.18	207466.	1.80	115491.	3825.	9.72	0.0240	1013. 60. 0.06

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	608.48	119400.	3.46	34459.	11533.	9.18	0.0230	4972. 32. 0.35
MILE 420.49	607.16	131236.	3.51	37397.	6027.	6.93	0.0230	1215. 28. 0.25
MILE 416.28	606.04	137314.	3.84	35780.	5334.	7.58	0.0270	1213. 27. 0.26
MILE 412.08	604.40	142342.	3.63	39200.	3758.	8.19	0.0270	1215. 28. 0.20
MILE 407.88	602.89	147618.	3.58	41275.	4572.	7.81	0.0270	1215. 27. 0.21
MILE 403.67	601.47	151205.	3.64	41565.	3139.	7.06	0.0240	1213. 28. 0.18
MILE 399.47	600.29	160603.	2.84	56538.	12348.	7.00	0.0220	1215. 36. 0.23
MILE 395.26	599.13	164920.	3.95	41720.	14434.	9.65	0.0220	1213. 41. 0.41
MILE 391.06	597.98	172397.	3.39	50836.	2630.	7.79	0.0220	1113. 31. 0.14
MILE 386.85	597.23	175226.	2.67	65540.	5187.	6.22	0.0210	1010. 38. 0.13
MILE 382.64	596.59	177713.	2.14	83151.	10634.	6.33	0.0210	1008. 33. 0.13
MILE 378.44	596.04	181500.	2.66	68232.	13101.	5.68	0.0210	1008. 40. 0.21
MILE 374.23	595.69	185197.	1.71	108062.	14178.	6.65	0.0210	1010. 37. 0.11
MILE 370.03	595.42	189201.	1.62	116764.	8267.	7.12	0.0210	1010. 45. 0.08
MILE 365.82	595.00	192050.	1.48	129928.	7792.	6.91	0.0210	1008. 42. 0.06

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MILE 361.62	594.79	195682.	1.68	116607.	12808.	7.90	0.0210	1010.	49.	0.10
MILE 357.41	594.65	196001.	1.41	139301.	24170.	7.84	0.0210	1008.	58.	0.10
MILE 353.21	594.57	189666.	1.70	111526.	6764.	9.27	0.0230	1010.	58.	0.07
MILE 349.00	594.33	187232.	1.61	116062.	3830.	9.75	0.0240	1010.	60.	0.05

ODATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.39	121300.	3.53	34341.	11466.	9.17	0.0230	5025.	32.	0.36
MILE 420.49	607.03	131592.	3.54	37137.	5978.	6.95	0.0230	1211.	28.	0.25
MILE 416.28	605.89	136582.	3.85	35465.	5286.	7.60	0.0270	1208.	27.	0.26
MILE 412.08	604.26	141047.	3.62	38958.	3731.	8.16	0.0270	1211.	28.	0.20
MILE 407.88	602.75	146018.	3.57	40907.	4522.	7.80	0.0270	1211.	26.	0.21
MILE 403.67	601.34	149492.	3.65	40978.	3103.	7.10	0.0240	1208.	28.	0.18
MILE 399.47	600.20	158540.	2.82	56123.	12225.	7.01	0.0220	1211.	36.	0.23
MILE 395.26	599.04	162717.	3.92	41559.	14341.	9.64	0.0220	1208.	41.	0.41
MILE 391.06	597.91	169837.	3.35	50641.	2627.	7.78	0.0220	1109.	31.	0.13
MILE 386.85	597.17	172654.	2.64	65298.	5184.	6.21	0.0210	1007.	38.	0.13
MILE 382.64	596.54	175277.	2.11	82893.	10592.	6.32	0.0210	1005.	33.	0.13
MILE 378.44	596.00	179661.	2.64	68001.	13062.	5.67	0.0210	1005.	40.	0.20
MILE 374.23	595.64	184290.	1.71	107799.	14168.	6.64	0.0210	1007.	37.	0.11
MILE 370.03	595.39	187343.	1.61	116569.	8263.	7.12	0.0210	1007.	45.	0.08
MILE 365.82	595.00	187232.	1.44	129902.	7792.	6.91	0.0210	1005.	42.	0.06
MILE 361.62	594.82	183458.	1.57	116762.	12826.	7.90	0.0210	1007.	49.	0.09
MILE 357.41	594.71	177944.	1.27	139710.	24242.	7.84	0.0210	1005.	58.	0.09
MILE 353.21	594.66	164113.	1.47	111889.	6793.	9.29	0.0230	1007.	58.	0.06
MILE 349.00	594.50	159848.	1.37	116709.	3835.	9.79	0.0240	1007.	60.	0.04

ODATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.11	112400.	3.31	33960.	11250.	9.12	0.0230	5055.	32.	0.34
MILE 420.49	606.83	126691.	3.45	36733.	5900.	6.99	0.0230	1206.	28.	0.24
MILE 416.28	605.75	134395.	3.82	35138.	5236.	7.63	0.0270	1204.	27.	0.26
MILE 412.08	604.13	139787.	3.61	38731.	3707.	8.13	0.0270	1206.	28.	0.20
MILE 407.88	602.62	144705.	3.57	40563.	4474.	7.80	0.0270	1206.	26.	0.21
MILE 403.67	601.22	148061.	3.66	40436.	3069.	7.15	0.0240	1204.	28.	0.18
MILE 399.47	600.10	156518.	2.81	55719.	12105.	7.03	0.0220	1206.	36.	0.23
MILE 395.26	598.97	160576.	3.88	41403.	14250.	9.64	0.0220	1204.	40.	0.40
MILE 391.06	597.85	167591.	3.32	50447.	2624.	7.77	0.0220	1105.	31.	0.13
MILE 386.85	597.11	170456.	2.62	65049.	5181.	6.19	0.0210	1005.	38.	0.13

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MILE 382.64	596.49	173121.	2.10	82621.	10549.	6.30	0.0210	1002.	33.	0.13
MILE 378.44	595.96	177119.	2.61	67793.	13026.	5.66	0.0210	1002.	40.	0.20
MILE 374.23	595.63	177862.	1.65	107693.	14164.	6.64	0.0210	1005.	37.	0.11
MILE 370.03	595.41	175805.	1.51	116651.	8265.	7.12	0.0210	1005.	45.	0.07
MILE 365.82	595.06	173416.	1.33	130356.	7798.	6.92	0.0210	1002.	42.	0.06
MILE 361.62	594.91	166868.	1.42	117237.	12880.	7.92	0.0210	1005.	49.	0.08
MILE 357.41	594.81	160417.	1.14	140390.	24361.	7.85	0.0210	1002.	58.	0.08
MILE 353.21	594.76	149492.	1.33	112281.	6824.	9.30	0.0230	1005.	58.	0.06
MILE 349.00	594.60	146806.	1.25	117090.	3838.	9.81	0.0240	1005.	60.	0.04

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.93	112700.	3.34	33729.	11118.	9.10	0.0230	5086.	32.	0.34
MILE 420.49	606.64	125683.	3.46	36363.	5827.	7.03	0.0230	1202.	28.	0.24
MILE 416.28	605.56	132248.	3.81	34728.	5172.	7.66	0.0270	1199.	26.	0.26
MILE 412.08	603.97	137463.	3.57	38461.	3677.	8.10	0.0270	1202.	27.	0.19
MILE 407.88	602.48	142872.	3.55	40218.	4425.	7.79	0.0270	1202.	26.	0.21
MILE 403.67	601.11	146381.	3.66	39964.	3039.	7.20	0.0240	1199.	28.	0.18
MILE 399.47	600.01	154696.	2.80	55306.	11981.	7.04	0.0220	1202.	36.	0.23
MILE 395.26	598.89	158637.	3.85	41248.	14160.	9.64	0.0220	1199.	40.	0.40
MILE 391.06	597.78	165419.	3.29	50257.	2622.	7.77	0.0220	1102.	31.	0.13
MILE 386.85	597.06	168006.	2.59	64817.	5179.	6.18	0.0210	1002.	38.	0.13
MILE 382.64	596.45	170048.	2.06	82411.	10515.	6.29	0.0210	999.	33.	0.13
MILE 378.44	595.95	171982.	2.54	67728.	13015.	5.66	0.0210	999.	40.	0.20
MILE 374.23	595.65	168885.	1.57	107815.	14169.	6.64	0.0210	1002.	37.	0.10
MILE 370.03	595.45	164029.	1.40	116919.	8270.	7.13	0.0210	1002.	45.	0.07
MILE 365.82	595.14	161675.	1.23	130923.	7805.	6.94	0.0210	999.	42.	0.05
MILE 361.62	595.00	157258.	1.34	117694.	12931.	7.94	0.0210	1002.	49.	0.08
MILE 357.41	594.90	154144.	1.09	140921.	24454.	7.86	0.0210	999.	58.	0.08
MILE 353.21	594.82	151664.	1.35	112521.	6844.	9.32	0.0230	1002.	58.	0.06
MILE 349.00	594.62	151657.	1.29	117166.	3838.	9.81	0.0240	1002.	60.	0.04

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.61	105000.	3.15	33309.	10879.	9.05	0.0230	5194.	32.	0.32
MILE 420.49	606.39	120843.	3.37	35889.	5732.	7.09	0.0230	1198.	27.	0.24
MILE 416.28	605.36	129453.	3.77	34318.	5108.	7.70	0.0270	1195.	26.	0.26
MILE 412.08	603.81	135494.	3.55	38193.	3648.	8.07	0.0270	1198.	27.	0.19
MILE 407.88	602.34	140957.	3.54	39862.	4375.	7.79	0.0270	1198.	26.	0.21

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MILE 403.67	601.00	144405.	3.66	39472.	3007.	7.25	0.0240	1195.	28.	0.18
MILE 399.47	599.91	152578.	2.78	54845.	11853.	7.04	0.0220	1198.	36.	0.23
MILE 395.26	598.81	156501.	3.81	41093.	14069.	9.63	0.0220	1195.	40.	0.39
MILE 391.06	597.73	162666.	3.25	50093.	2619.	7.76	0.0220	1098.	31.	0.13
MILE 386.85	597.02	164802.	2.55	64655.	5177.	6.17	0.0210	999.	38.	0.13
MILE 382.64	596.43	166168.	2.02	82326.	10501.	6.29	0.0210	997.	33.	0.13
MILE 378.44	595.96	166580.	2.46	67789.	13026.	5.66	0.0210	997.	40.	0.19
MILE 374.23	595.68	163236.	1.51	108016.	14176.	6.65	0.0210	999.	37.	0.10
MILE 370.03	595.49	159860.	1.36	117155.	8275.	7.14	0.0210	999.	45.	0.06
MILE 365.82	595.19	159241.	1.21	131254.	7809.	6.95	0.0210	997.	42.	0.05
MILE 361.62	595.04	158543.	1.34	117905.	12940.	7.95	0.0210	999.	49.	0.08
MILE 357.41	594.93	158231.	1.12	141131.	24491.	7.86	0.0210	997.	58.	0.08
MILE 353.21	594.85	158801.	1.41	112627.	6852.	9.32	0.0230	999.	58.	0.06
MILE 349.00	594.63	159505.	1.36	117204.	3839.	9.81	0.0240	999.	60.	0.04

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.39	105100.	3.18	33027.	10717.	9.02	0.0230	5301.	31.	0.32
MILE 420.49	606.17	119588.	3.37	35466.	5645.	7.14	0.0230	1193.	27.	0.24
MILE 416.28	605.14	126986.	3.75	33854.	5034.	7.75	0.0270	1190.	26.	0.25
MILE 412.08	603.63	132720.	3.50	37886.	3615.	8.04	0.0270	1193.	27.	0.19
MILE 407.88	602.19	138551.	3.51	39478.	4321.	7.78	0.0270	1193.	26.	0.20
MILE 403.67	600.88	142179.	3.65	38963.	2975.	7.30	0.0240	1190.	28.	0.18
MILE 399.47	599.81	150214.	2.76	54378.	11724.	7.05	0.0220	1193.	36.	0.23
MILE 395.26	598.73	153944.	3.76	40945.	13982.	9.63	0.0220	1190.	40.	0.39
MILE 391.06	597.68	159395.	3.19	49960.	2617.	7.75	0.0220	1094.	31.	0.13
MILE 386.85	597.00	161309.	2.50	64553.	5176.	6.16	0.0210	996.	38.	0.12
MILE 382.64	596.43	162550.	1.97	82312.	10499.	6.29	0.0210	994.	33.	0.12
MILE 378.44	595.97	163205.	2.40	67861.	13038.	5.67	0.0210	994.	40.	0.19
MILE 374.23	595.70	162558.	1.50	108127.	14180.	6.65	0.0210	996.	37.	0.10
MILE 370.03	595.50	162060.	1.38	117246.	8277.	7.14	0.0210	996.	46.	0.06
MILE 365.82	595.20	162381.	1.24	131345.	7810.	6.96	0.0210	994.	42.	0.05
MILE 361.62	595.05	162530.	1.38	117957.	12942.	7.95	0.0210	996.	49.	0.08
MILE 357.41	594.94	162545.	1.15	141196.	24502.	7.86	0.0210	994.	58.	0.08
MILE 353.21	594.86	161893.	1.44	112685.	6857.	9.32	0.0230	996.	58.	0.06
MILE 349.00	594.65	162164.	1.38	117280.	3839.	9.82	0.0240	996.	60.	0.04

0DATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	607.20	104800.	3.20	32776.	10573.	8.99	0.0230	5364.	31.	0.32
MILE 420.49	605.96	118430.	3.38	35086.	5565.	7.20	0.0230	1192.	27.	0.24
MILE 416.28	604.95	125196.	3.74	33467.	4967.	7.77	0.0270	1189.	26.	0.25
MILE 412.08	603.45	130690.	3.48	37587.	3582.	8.00	0.0270	1192.	27.	0.19
MILE 407.88	602.04	136214.	3.49	39082.	4265.	7.78	0.0270	1192.	26.	0.20
MILE 403.67	600.75	139699.	3.63	38437.	2940.	7.36	0.0240	1189.	27.	0.18
MILE 399.47	599.71	147463.	2.74	53905.	11592.	7.05	0.0220	1192.	36.	0.22
MILE 395.26	598.66	151059.	3.70	40805.	13900.	9.63	0.0220	1189.	40.	0.38
MILE 391.06	597.64	156289.	3.14	49838.	2615.	7.75	0.0220	1095.	31.	0.13
MILE 386.85	596.97	158309.	2.46	64456.	5175.	6.15	0.0210	999.	38.	0.12
MILE 382.64	596.42	159899.	1.94	82273.	10493.	6.29	0.0210	997.	33.	0.12
MILE 378.44	595.97	161665.	2.38	67862.	13038.	5.67	0.0210	997.	40.	0.18
MILE 374.23	595.70	162666.	1.50	108140.	14180.	6.66	0.0210	999.	37.	0.10
MILE 370.03	595.50	163368.	1.39	117265.	8277.	7.14	0.0210	999.	46.	0.07
MILE 365.82	595.20	163848.	1.25	131381.	7810.	6.96	0.0210	997.	42.	0.05
MILE 361.62	595.06	163764.	1.39	117995.	12944.	7.95	0.0210	999.	49.	0.08
MILE 357.41	594.95	163695.	1.16	141255.	24512.	7.87	0.0210	997.	58.	0.09
MILE 353.21	594.87	162769.	1.44	112724.	6860.	9.33	0.0230	999.	58.	0.06
MILE 349.00	594.66	163136.	1.39	117318.	3839.	9.82	0.0240	999.	60.	0.04

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.02	104500.	3.21	32548.	10442.	8.96	0.0230	5426.	31.	0.32
MILE 420.49	605.77	117261.	3.37	34745.	5492.	7.25	0.0230	1190.	27.	0.24
MILE 416.28	604.76	123330.	3.72	33177.	4905.	7.74	0.0270	1187.	26.	0.25
MILE 412.08	603.28	128664.	3.45	37304.	3551.	7.97	0.0270	1190.	27.	0.19
MILE 407.88	601.89	134026.	3.46	38702.	4210.	7.77	0.0270	1190.	26.	0.20
MILE 403.67	600.63	137401.	3.62	37929.	2907.	7.43	0.0240	1187.	27.	0.18
MILE 399.47	599.61	144745.	2.71	53442.	11462.	7.05	0.0220	1190.	36.	0.22
MILE 395.26	598.59	148260.	3.65	40665.	13817.	9.62	0.0220	1187.	40.	0.37
MILE 391.06	597.59	153657.	3.09	49702.	2613.	7.75	0.0220	1096.	31.	0.12
MILE 386.85	596.94	155854.	2.42	64325.	5173.	6.15	0.0210	1002.	38.	0.12
MILE 382.64	596.41	157710.	1.92	82178.	10477.	6.28	0.0210	999.	33.	0.12
MILE 378.44	595.97	160061.	2.36	67814.	13030.	5.66	0.0210	999.	40.	0.18
MILE 374.23	595.69	161325.	1.49	108114.	14180.	6.65	0.0210	1002.	37.	0.10
MILE 370.03	595.50	162177.	1.38	117263.	8277.	7.14	0.0210	1002.	46.	0.06
MILE 365.82	595.21	162894.	1.24	131411.	7811.	6.96	0.0210	999.	42.	0.05
MILE 361.62	595.06	163334.	1.38	118025.	12945.	7.95	0.0210	1002.	49.	0.08
MILE 357.41	594.95	163825.	1.16	141294.	24519.	7.87	0.0210	999.	58.	0.09
MILE 353.21	594.88	164061.	1.46	112741.	6861.	9.33	0.0230	1002.	58.	0.06
MILE 349.00	594.66	164835.	1.41	117318.	3839.	9.82	0.0240	1002.	60.	0.04

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.86	103900.	3.21	32335.	10319.	8.94	0.0230	5457.	31.	0.32
MILE 420.49	605.59	116083.	3.37	34437.	5425.	7.30	0.0230	1189.	27.	0.24
MILE 416.28	604.59	121794.	3.70	32908.	4849.	7.71	0.0270	1186.	25.	0.25
MILE 412.08	603.13	126847.	3.42	37041.	3522.	7.94	0.0270	1189.	27.	0.19
MILE 407.88	601.74	131957.	3.44	38345.	4159.	7.77	0.0270	1189.	25.	0.20
MILE 403.67	600.51	135218.	3.61	37446.	2874.	7.49	0.0240	1186.	27.	0.18
MILE 399.47	599.51	142313.	2.69	52992.	11336.	7.06	0.0220	1189.	35.	0.22
MILE 395.26	598.52	145810.	3.60	40523.	13734.	9.62	0.0220	1186.	40.	0.37
MILE 391.06	597.54	151295.	3.05	49555.	2611.	7.74	0.0220	1096.	31.	0.12
MILE 386.85	596.91	153549.	2.39	64170.	5171.	6.14	0.0210	1005.	38.	0.12
MILE 382.64	596.38	155471.	1.89	82050.	10457.	6.27	0.0210	1002.	33.	0.12
MILE 378.44	595.95	157962.	2.33	67740.	13018.	5.66	0.0210	1002.	40.	0.18
MILE 374.23	595.69	159476.	1.48	108063.	14178.	6.65	0.0210	1005.	37.	0.09
MILE 370.03	595.50	160726.	1.37	117232.	8276.	7.14	0.0210	1005.	45.	0.06
MILE 365.82	595.21	161839.	1.23	131398.	7811.	6.96	0.0210	1002.	42.	0.05
MILE 361.62	595.06	163244.	1.38	118012.	12944.	7.95	0.0210	1005.	49.	0.08
MILE 357.41	594.95	165623.	1.17	141237.	24509.	7.86	0.0210	1002.	58.	0.09
MILE 353.21	594.85	170947.	1.52	112645.	6854.	9.32	0.0230	1005.	58.	0.07
MILE 349.00	594.60	173440.	1.48	117090.	3838.	9.81	0.0240	1005.	60.	0.05

ODATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.73	104200.	3.24	32163.	10219.	8.92	0.0230	5487.	31.	0.32
MILE 420.49	605.44	115510.	3.38	34170.	5365.	7.35	0.0230	1187.	26.	0.24
MILE 416.28	604.44	120583.	3.69	32664.	4797.	7.68	0.0270	1184.	25.	0.25
MILE 412.08	602.98	125244.	3.40	36796.	3495.	7.91	0.0270	1187.	26.	0.18
MILE 407.88	601.61	130082.	3.42	38009.	4110.	7.77	0.0270	1187.	25.	0.20
MILE 403.67	600.40	133236.	3.60	36991.	2843.	7.56	0.0240	1184.	27.	0.18
MILE 399.47	599.41	140115.	2.67	52555.	11212.	7.06	0.0220	1187.	35.	0.22
MILE 395.26	598.45	143569.	3.56	40380.	13649.	9.62	0.0220	1184.	40.	0.36
MILE 391.06	597.49	148996.	3.02	49402.	2608.	7.73	0.0220	1097.	31.	0.12
MILE 386.85	596.87	151264.	2.36	64005.	5169.	6.13	0.0210	1008.	38.	0.12
MILE 382.64	596.35	153231.	1.87	81906.	10434.	6.27	0.0210	1005.	33.	0.12
MILE 378.44	595.93	155908.	2.30	67645.	13001.	5.66	0.0210	1005.	40.	0.18
MILE 374.23	595.67	158080.	1.46	107971.	14174.	6.65	0.0210	1008.	37.	0.09
MILE 370.03	595.48	160648.	1.37	117132.	8274.	7.14	0.0210	1008.	45.	0.06
MILE 365.82	595.18	163105.	1.24	131238.	7809.	6.95	0.0210	1005.	42.	0.05
MILE 361.62	595.03	166765.	1.41	117864.	12938.	7.95	0.0210	1008.	49.	0.08
MILE 357.41	594.92	168492.	1.19	141085.	24483.	7.86	0.0210	1005.	58.	0.09
MILE 353.21	594.85	167679.	1.49	112648.	6854.	9.32	0.0230	1008.	58.	0.06

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MILE 349.00 594.65 167699. 1.43 117280. 3839. 9.82 0.0240 1008. 60. 0.05

ODATE 3-21-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.60	104200.	3.26	32005.	10128.	8.90	0.0230	5526.	31.	0.32
MILE 420.49	605.30	114930.	3.39	33934.	5311.	7.39	0.0230	1186.	26.	0.24
MILE 416.28	604.30	119604.	3.69	32446.	4751.	7.66	0.0270	1183.	25.	0.25
MILE 412.08	602.85	123943.	3.39	36574.	3471.	7.88	0.0270	1186.	26.	0.18
MILE 407.88	601.48	128469.	3.41	37699.	4065.	7.76	0.0270	1186.	25.	0.20
MILE 403.67	600.30	131486.	3.60	36562.	2814.	7.62	0.0240	1183.	27.	0.18
MILE 399.47	599.32	138075.	2.65	52133.	11092.	7.07	0.0220	1186.	35.	0.22
MILE 395.26	598.37	141452.	3.52	40239.	13565.	9.61	0.0220	1183.	40.	0.36
MILE 391.06	597.43	146795.	2.98	49248.	2606.	7.73	0.0220	1098.	31.	0.12
MILE 386.85	596.82	149100.	2.34	63829.	5167.	6.12	0.0210	1011.	38.	0.12
MILE 382.64	596.32	151199.	1.85	81740.	10407.	6.26	0.0210	1008.	33.	0.12
MILE 378.44	595.91	154439.	2.29	67505.	12978.	5.65	0.0210	1008.	40.	0.18
MILE 374.23	595.64	158338.	1.47	107793.	14168.	6.64	0.0210	1011.	37.	0.09
MILE 370.03	595.46	161479.	1.38	116969.	8271.	7.13	0.0210	1011.	45.	0.06
MILE 365.82	595.17	162535.	1.24	131116.	7807.	6.95	0.0210	1008.	42.	0.05
MILE 361.62	595.03	162604.	1.38	117843.	12937.	7.95	0.0210	1011.	49.	0.08
MILE 357.41	594.92	163629.	1.16	141090.	24484.	7.86	0.0210	1008.	58.	0.09
MILE 353.21	594.84	165999.	1.47	112607.	6850.	9.32	0.0230	1011.	58.	0.06
MILE 349.00	594.62	167428.	1.43	117166.	3838.	9.81	0.0240	1011.	60.	0.05

ODATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.49	104200.	3.27	31862.	10045.	8.88	0.0230	5564.	30.	0.32
MILE 420.49	605.17	114434.	3.39	33724.	5263.	7.43	0.0230	1184.	26.	0.24
MILE 416.28	604.18	118756.	3.68	32248.	4708.	7.63	0.0270	1181.	25.	0.25
MILE 412.08	602.73	122808.	3.38	36370.	3449.	7.86	0.0270	1184.	26.	0.18
MILE 407.88	601.37	127065.	3.40	37412.	4023.	7.76	0.0270	1184.	25.	0.20
MILE 403.67	600.20	129956.	3.59	36162.	2786.	7.69	0.0240	1181.	27.	0.18
MILE 399.47	599.23	136219.	2.63	51729.	10976.	7.07	0.0220	1184.	35.	0.21
MILE 395.26	598.30	139514.	3.48	40099.	13483.	9.61	0.0220	1181.	40.	0.36
MILE 391.06	597.38	144841.	2.95	49087.	2603.	7.72	0.0220	1099.	31.	0.12
MILE 386.85	596.78	147272.	2.31	63633.	5165.	6.10	0.0210	1014.	38.	0.12
MILE 382.64	596.28	149587.	1.83	81534.	10374.	6.25	0.0210	1011.	33.	0.12
MILE 378.44	595.87	153085.	2.27	67334.	12949.	5.64	0.0210	1011.	39.	0.18
MILE 374.23	595.62	155287.	1.44	107654.	14163.	6.64	0.0210	1014.	37.	0.09

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MILE 370.03	595.44	157284.	1.35	116883.	8269.	7.13	0.0210	1014.	45.	0.06
MILE 365.82	595.16	159205.	1.21	131055.	7806.	6.95	0.0210	1011.	42.	0.05
MILE 361.62	595.02	161911.	1.37	117782.	12935.	7.94	0.0210	1014.	49.	0.08
MILE 357.41	594.91	163841.	1.16	141010.	24470.	7.86	0.0210	1011.	58.	0.09
MILE 353.21	594.84	165532.	1.47	112575.	6848.	9.32	0.0230	1014.	58.	0.06
MILE 349.00	594.62	166679.	1.42	117166.	3838.	9.81	0.0240	1013.	60.	0.05

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.39	104100.	3.28	31729.	9968.	8.86	0.0230	5557.	30.	0.32
MILE 420.49	605.06	113942.	3.40	33534.	5218.	7.47	0.0230	1187.	26.	0.24
MILE 416.28	604.06	117999.	3.68	32067.	4670.	7.61	0.0270	1184.	25.	0.25
MILE 412.08	602.62	121813.	3.37	36183.	3428.	7.84	0.0270	1187.	26.	0.18
MILE 407.88	601.26	125829.	3.39	37147.	3984.	7.76	0.0270	1187.	25.	0.20
MILE 403.67	600.10	128605.	3.59	35789.	2760.	7.76	0.0240	1184.	27.	0.18
MILE 399.47	599.14	134588.	2.62	51344.	10865.	7.08	0.0220	1187.	35.	0.21
MILE 395.26	598.23	137836.	3.45	39961.	13401.	9.61	0.0220	1184.	40.	0.35
MILE 391.06	597.32	143145.	2.93	48922.	2601.	7.72	0.0220	1102.	31.	0.12
MILE 386.85	596.73	145471.	2.29	63431.	5163.	6.09	0.0210	1017.	38.	0.12
MILE 382.64	596.25	147552.	1.81	81334.	10342.	6.24	0.0210	1015.	33.	0.11
MILE 378.44	595.85	150554.	2.24	67193.	12925.	5.63	0.0210	1015.	39.	0.17
MILE 374.23	595.60	153612.	1.43	107502.	14157.	6.63	0.0210	1017.	37.	0.09
MILE 370.03	595.42	156373.	1.34	116741.	8266.	7.12	0.0210	1017.	45.	0.06
MILE 365.82	595.14	158103.	1.21	130920.	7805.	6.94	0.0210	1015.	42.	0.05
MILE 361.62	595.00	160057.	1.36	117704.	12932.	7.94	0.0210	1017.	49.	0.08
MILE 357.41	594.90	162182.	1.15	140924.	24455.	7.86	0.0210	1015.	58.	0.08
MILE 353.21	594.82	165514.	1.47	112513.	6843.	9.32	0.0230	1017.	58.	0.06
MILE 349.00	594.60	167094.	1.43	117090.	3838.	9.81	0.0240	1017.	60.	0.05

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.30	104400.	3.30	31620.	9904.	8.85	0.0230	5550.	30.	0.33
MILE 420.49	604.96	113545.	3.40	33367.	5179.	7.48	0.0230	1190.	26.	0.24
MILE 416.28	603.96	117375.	3.68	31902.	4635.	7.59	0.0270	1187.	25.	0.25
MILE 412.08	602.52	120938.	3.36	36010.	3409.	7.82	0.0270	1190.	26.	0.18
MILE 407.88	601.16	124741.	3.38	36899.	3947.	7.76	0.0270	1190.	25.	0.19
MILE 403.67	600.01	127423.	3.60	35441.	2736.	7.82	0.0240	1187.	27.	0.18
MILE 399.47	599.06	133159.	2.61	50977.	10759.	7.08	0.0220	1190.	35.	0.21
MILE 395.26	598.16	136302.	3.42	39828.	13321.	9.60	0.0220	1187.	40.	0.35

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MILE 391.06	597.26	141291.	2.90	48768.	2599.	7.71	0.0220	1105.	31.	0.12
MILE 386.85	596.69	143587.	2.27	63244.	5161.	6.08	0.0210	1021.	38.	0.11
MILE 382.64	596.21	145748.	1.80	81142.	10311.	6.23	0.0210	1018.	33.	0.11
MILE 378.44	595.82	149010.	2.22	67029.	12897.	5.63	0.0210	1018.	39.	0.17
MILE 374.23	595.57	151939.	1.42	107337.	14151.	6.63	0.0210	1021.	37.	0.09
MILE 370.03	595.40	154832.	1.33	116598.	8263.	7.12	0.0210	1021.	45.	0.06
MILE 365.82	595.12	156935.	1.20	130775.	7803.	6.94	0.0210	1018.	42.	0.05
MILE 361.62	594.98	159690.	1.36	117598.	12921.	7.94	0.0210	1021.	49.	0.08
MILE 357.41	594.88	162182.	1.15	140793.	24432.	7.86	0.0210	1018.	58.	0.08
MILE 353.21	594.80	165538.	1.47	112433.	6837.	9.31	0.0230	1021.	58.	0.06
MILE 349.00	594.58	167188.	1.43	117013.	3837.	9.80	0.0240	1021.	60.	0.05

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.23	104300.	3.31	31524.	9848.	8.84	0.0230	5567.	30.	0.33
MILE 420.49	604.87	112993.	3.40	33221.	5144.	7.46	0.0230	1192.	26.	0.24
MILE 416.28	603.87	116703.	3.68	31754.	4603.	7.58	0.0270	1190.	25.	0.25
MILE 412.08	602.42	120161.	3.35	35851.	3391.	7.80	0.0270	1192.	26.	0.18
MILE 407.88	601.06	123761.	3.38	36669.	3913.	7.75	0.0270	1192.	25.	0.19
MILE 403.67	599.93	126234.	3.58	35255.	2713.	7.82	0.0240	1190.	27.	0.18
MILE 399.47	598.98	131777.	2.60	50628.	10658.	7.09	0.0220	1192.	35.	0.21
MILE 395.26	598.09	134823.	3.40	39701.	13245.	9.60	0.0220	1190.	40.	0.35
MILE 391.06	597.21	139676.	2.87	48616.	2596.	7.70	0.0220	1108.	31.	0.12
MILE 386.85	596.64	141938.	2.25	63053.	5158.	6.07	0.0210	1025.	38.	0.11
MILE 382.64	596.17	144068.	1.78	80944.	10280.	6.22	0.0210	1022.	33.	0.11
MILE 378.44	595.79	147314.	2.20	66866.	12869.	5.62	0.0210	1022.	39.	0.17
MILE 374.23	595.54	150735.	1.41	107154.	14144.	6.62	0.0210	1025.	37.	0.09
MILE 370.03	595.37	154022.	1.32	116428.	8260.	7.11	0.0210	1025.	45.	0.06
MILE 365.82	595.09	156237.	1.20	130592.	7801.	6.93	0.0210	1022.	42.	0.05
MILE 361.62	594.96	159147.	1.35	117469.	12906.	7.93	0.0210	1025.	49.	0.08
MILE 357.41	594.85	162019.	1.15	140634.	24404.	7.86	0.0210	1022.	58.	0.08
MILE 353.21	594.77	166243.	1.48	112329.	6828.	9.31	0.0230	1025.	58.	0.06
MILE 349.00	594.55	168137.	1.44	116899.	3836.	9.80	0.0240	1024.	60.	0.05

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.16	104300.	3.32	31439.	9799.	8.83	0.0230	5585.	30.	0.33
MILE 420.49	604.78	112698.	3.41	33092.	5113.	7.45	0.0230	1195.	26.	0.24
MILE 416.28	603.78	116146.	3.67	31622.	4575.	7.56	0.0270	1192.	25.	0.25

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MILE 412.08	602.33	119371.	3.34	35706.	3375.	7.78	0.0270	1195.	26.	0.18
MILE 407.88	600.98	122741.	3.37	36458.	3881.	7.75	0.0270	1195.	25.	0.19
MILE 403.67	599.85	125107.	3.56	35107.	2692.	7.81	0.0240	1192.	27.	0.17
MILE 399.47	598.91	130429.	2.59	50301.	10562.	7.09	0.0220	1195.	35.	0.21
MILE 395.26	598.03	133427.	3.37	39578.	13172.	9.60	0.0220	1192.	40.	0.34
MILE 391.06	597.16	138158.	2.85	48469.	2594.	7.70	0.0220	1112.	31.	0.12
MILE 386.85	596.60	140417.	2.23	62865.	5156.	6.06	0.0210	1028.	37.	0.11
MILE 382.64	596.13	142594.	1.77	80741.	10247.	6.21	0.0210	1026.	33.	0.11
MILE 378.44	595.75	145978.	2.19	66687.	12839.	5.61	0.0210	1026.	39.	0.17
MILE 374.23	595.51	149571.	1.40	106955.	14137.	6.61	0.0210	1028.	37.	0.09
MILE 370.03	595.34	153186.	1.32	116240.	8256.	7.10	0.0210	1028.	45.	0.06
MILE 365.82	595.07	155658.	1.19	130380.	7798.	6.93	0.0210	1026.	42.	0.05
MILE 361.62	594.93	158889.	1.35	117318.	12889.	7.92	0.0210	1028.	49.	0.08
MILE 357.41	594.83	161338.	1.15	140468.	24375.	7.85	0.0210	1026.	58.	0.08
MILE 353.21	594.76	163595.	1.46	112260.	6823.	9.30	0.0230	1028.	58.	0.06
MILE 349.00	594.55	164790.	1.41	116899.	3836.	9.80	0.0240	1028.	60.	0.05

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.14	105900.	3.37	31410.	9782.	8.83	0.0230	5568.	30.	0.33
MILE 420.49	604.73	113341.	3.43	33002.	5092.	7.43	0.0230	1198.	26.	0.24
MILE 416.28	603.71	115991.	3.68	31513.	4552.	7.55	0.0270	1195.	25.	0.25
MILE 412.08	602.26	118775.	3.34	35579.	3361.	7.76	0.0270	1198.	26.	0.18
MILE 407.88	600.90	121885.	3.36	36269.	3853.	7.75	0.0270	1198.	25.	0.19
MILE 403.67	599.78	124159.	3.55	34968.	2672.	7.81	0.0240	1195.	26.	0.17
MILE 399.47	598.84	129211.	2.58	49990.	10471.	7.10	0.0220	1198.	35.	0.21
MILE 395.26	597.97	132120.	3.35	39462.	13102.	9.60	0.0220	1195.	39.	0.34
MILE 391.06	597.11	136779.	2.83	48323.	2592.	7.69	0.0220	1115.	31.	0.12
MILE 386.85	596.55	139039.	2.22	62674.	5154.	6.04	0.0210	1032.	37.	0.11
MILE 382.64	596.09	141238.	1.75	80531.	10213.	6.20	0.0210	1030.	33.	0.11
MILE 378.44	595.72	144713.	2.18	66499.	12807.	5.60	0.0210	1030.	39.	0.17
MILE 374.23	595.48	148575.	1.39	106739.	14129.	6.60	0.0210	1032.	37.	0.09
MILE 370.03	595.31	152104.	1.31	116047.	8252.	7.09	0.0210	1032.	45.	0.06
MILE 365.82	595.04	154111.	1.18	130197.	7796.	6.92	0.0210	1030.	42.	0.05
MILE 361.62	594.91	156374.	1.33	117210.	12877.	7.92	0.0210	1032.	49.	0.08
MILE 357.41	594.81	159023.	1.13	140339.	24352.	7.85	0.0210	1030.	58.	0.08
MILE 353.21	594.73	163472.	1.46	112153.	6814.	9.30	0.0230	1032.	58.	0.06
MILE 349.00	594.51	165516.	1.42	116747.	3835.	9.79	0.0240	1032.	60.	0.05

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.05	103700.	3.31	31293.	9713.	8.81	0.0230	5551.	30.	0.33
MILE 420.49	604.66	111952.	3.40	32882.	5063.	7.42	0.0230	1201.	26.	0.24
MILE 416.28	603.65	115419.	3.67	31417.	4531.	7.54	0.0270	1198.	24.	0.25
MILE 412.08	602.20	118383.	3.34	35474.	3350.	7.75	0.0270	1201.	26.	0.18
MILE 407.88	600.83	121283.	3.36	36107.	3829.	7.75	0.0270	1201.	25.	0.19
MILE 403.67	599.72	123432.	3.54	34843.	2654.	7.80	0.0240	1198.	26.	0.17
MILE 399.47	598.77	128169.	2.58	49700.	10385.	7.10	0.0220	1201.	35.	0.21
MILE 395.26	597.91	130991.	3.33	39350.	13035.	9.59	0.0220	1198.	39.	0.34
MILE 391.06	597.06	135523.	2.81	48181.	2589.	7.69	0.0220	1118.	31.	0.11
MILE 386.85	596.51	137776.	2.20	62483.	5152.	6.03	0.0210	1036.	37.	0.11
MILE 382.64	596.05	139983.	1.74	80316.	10179.	6.19	0.0210	1033.	33.	0.11
MILE 378.44	595.68	143395.	2.16	66310.	12775.	5.59	0.0210	1033.	39.	0.17
MILE 374.23	595.45	146658.	1.38	106543.	14121.	6.60	0.0210	1036.	37.	0.09
MILE 370.03	595.28	149984.	1.29	115872.	8248.	7.09	0.0210	1036.	45.	0.06
MILE 365.82	595.01	152556.	1.17	130002.	7793.	6.91	0.0210	1033.	42.	0.05
MILE 361.62	594.88	156279.	1.34	117056.	12859.	7.91	0.0210	1036.	49.	0.08
MILE 357.41	594.78	159615.	1.14	140139.	24317.	7.85	0.0210	1033.	58.	0.08
MILE 353.21	594.70	164257.	1.47	112033.	6804.	9.29	0.0230	1036.	58.	0.06
MILE 349.00	594.48	166305.	1.43	116633.	3834.	9.78	0.0240	1036.	60.	0.05

ODATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.99	104000.	3.33	31224.	9673.	8.80	0.0230	5534.	30.	0.33
MILE 420.49	604.59	111815.	3.41	32779.	5039.	7.40	0.0230	1204.	26.	0.24
MILE 416.28	603.58	114802.	3.67	31308.	4508.	7.52	0.0270	1202.	24.	0.25
MILE 412.08	602.13	117612.	3.33	35361.	3337.	7.74	0.0270	1204.	26.	0.18
MILE 407.88	600.77	120576.	3.35	35950.	3805.	7.75	0.0270	1204.	25.	0.19
MILE 403.67	599.66	122743.	3.53	34726.	2637.	7.79	0.0240	1202.	26.	0.17
MILE 399.47	598.71	127299.	2.58	49433.	10306.	7.11	0.0220	1204.	35.	0.21
MILE 395.26	597.86	130044.	3.31	39243.	12971.	9.59	0.0220	1202.	39.	0.34
MILE 391.06	597.01	134389.	2.80	48043.	2587.	7.68	0.0220	1120.	31.	0.11
MILE 386.85	596.46	136552.	2.19	62299.	5150.	6.02	0.0210	1036.	37.	0.11
MILE 382.64	596.01	138652.	1.73	80111.	10146.	6.18	0.0210	1033.	33.	0.11
MILE 378.44	595.65	141923.	2.15	66130.	12744.	5.58	0.0210	1033.	39.	0.17
MILE 374.23	595.41	145861.	1.37	106327.	14113.	6.59	0.0210	1036.	37.	0.09
MILE 370.03	595.24	149851.	1.30	115657.	8244.	7.08	0.0210	1036.	45.	0.06
MILE 365.82	594.98	152493.	1.18	129750.	7787.	6.91	0.0210	1033.	42.	0.05
MILE 361.62	594.84	156168.	1.34	116872.	12838.	7.91	0.0210	1036.	49.	0.08
MILE 357.41	594.74	160169.	1.14	139897.	24274.	7.84	0.0210	1033.	58.	0.08
MILE 353.21	594.66	167011.	1.49	111857.	6790.	9.28	0.0230	1036.	58.	0.06
MILE 349.00	594.42	169775.	1.46	116405.	3832.	9.77	0.0240	1036.	60.	0.05

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.95	104300.	3.35	31170.	9641.	8.80	0.0230	5518.	30.	0.33
MILE 420.49	604.53	111736.	3.42	32689.	5017.	7.39	0.0230	1208.	26.	0.24
MILE 416.28	603.52	114465.	3.67	31216.	4488.	7.51	0.0270	1205.	24.	0.25
MILE 412.08	602.07	117112.	3.32	35259.	3326.	7.73	0.0270	1208.	25.	0.18
MILE 407.88	600.70	119912.	3.35	35798.	3782.	7.75	0.0270	1208.	24.	0.19
MILE 403.67	599.60	122011.	3.53	34612.	2621.	7.79	0.0240	1205.	26.	0.17
MILE 399.47	598.65	126434.	2.57	49176.	10230.	7.11	0.0220	1208.	35.	0.21
MILE 395.26	597.80	129114.	3.30	39143.	12910.	9.59	0.0220	1205.	39.	0.33
MILE 391.06	596.96	133289.	2.78	47914.	2585.	7.68	0.0220	1122.	30.	0.11
MILE 386.85	596.42	135442.	2.18	62122.	5148.	6.01	0.0210	1036.	37.	0.11
MILE 382.64	595.97	137611.	1.72	79905.	10113.	6.17	0.0210	1033.	33.	0.11
MILE 378.44	595.61	141103.	2.14	65931.	12711.	5.57	0.0210	1033.	39.	0.17
MILE 374.23	595.37	145252.	1.37	106090.	14105.	6.58	0.0210	1036.	37.	0.09
MILE 370.03	595.21	149769.	1.30	115418.	8239.	7.07	0.0210	1036.	45.	0.06
MILE 365.82	594.94	153011.	1.18	129445.	7777.	6.90	0.0210	1033.	42.	0.05
MILE 361.62	594.80	157666.	1.35	116634.	12811.	7.90	0.0210	1036.	49.	0.08
MILE 357.41	594.70	161061.	1.15	139624.	24227.	7.84	0.0210	1033.	58.	0.08
MILE 353.21	594.63	164121.	1.47	111744.	6781.	9.28	0.0230	1036.	58.	0.06
MILE 349.00	594.42	165490.	1.42	116405.	3832.	9.77	0.0240	1036.	60.	0.05

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.92	104800.	3.37	31132.	9619.	8.79	0.0230	5493.	30.	0.33
MILE 420.49	604.49	111837.	3.43	32616.	5000.	7.38	0.0230	1212.	25.	0.24
MILE 416.28	603.47	114287.	3.67	31137.	4471.	7.50	0.0270	1209.	24.	0.25
MILE 412.08	602.01	116732.	3.32	35167.	3316.	7.71	0.0270	1212.	25.	0.18
MILE 407.88	600.65	119369.	3.35	35660.	3761.	7.75	0.0270	1212.	24.	0.19
MILE 403.67	599.54	121398.	3.52	34506.	2605.	7.78	0.0240	1209.	26.	0.17
MILE 399.47	598.60	125605.	2.57	48933.	10157.	7.12	0.0220	1212.	34.	0.21
MILE 395.26	597.75	128223.	3.28	39046.	12852.	9.59	0.0220	1209.	39.	0.33
MILE 391.06	596.92	132365.	2.77	47785.	2583.	7.67	0.0220	1124.	30.	0.11
MILE 386.85	596.38	134529.	2.17	61940.	5146.	6.00	0.0210	1036.	37.	0.11
MILE 382.64	595.93	136738.	1.72	79688.	10078.	6.16	0.0210	1033.	33.	0.11
MILE 378.44	595.57	140415.	2.14	65718.	12674.	5.56	0.0210	1033.	39.	0.17
MILE 374.23	595.33	145276.	1.37	105820.	14095.	6.57	0.0210	1036.	37.	0.09
MILE 370.03	595.16	149823.	1.30	115159.	8234.	7.06	0.0210	1036.	45.	0.06
MILE 365.82	594.90	152163.	1.18	129182.	7768.	6.89	0.0210	1033.	42.	0.05

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MILE 361.62	594.77	154633.	1.33	116482.	12794.	7.89	0.0210	1036.	49.	0.08
MILE 357.41	594.67	157067.	1.13	139470.	24200.	7.84	0.0210	1033.	58.	0.08
MILE 353.21	594.60	160186.	1.43	111650.	6774.	9.27	0.0230	1036.	58.	0.06
MILE 349.00	594.40	161714.	1.39	116329.	3832.	9.77	0.0240	1036.	60.	0.04

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.88	104500.	3.36	31079.	9588.	8.79	0.0230	5468.	30.	0.33
MILE 420.49	604.45	111543.	3.43	32544.	4983.	7.37	0.0230	1216.	25.	0.24
MILE 416.28	603.43	114052.	3.67	31067.	4456.	7.50	0.0270	1213.	24.	0.25
MILE 412.08	601.96	116439.	3.32	35087.	3307.	7.70	0.0270	1216.	25.	0.18
MILE 407.88	600.59	118940.	3.35	35536.	3743.	7.75	0.0270	1216.	24.	0.19
MILE 403.67	599.49	120900.	3.51	34409.	2591.	7.77	0.0240	1213.	26.	0.17
MILE 399.47	598.54	124916.	2.56	48705.	10089.	7.12	0.0220	1216.	34.	0.21
MILE 395.26	597.71	127482.	3.27	38953.	12796.	9.58	0.0220	1213.	39.	0.33
MILE 391.06	596.87	131573.	2.76	47656.	2581.	7.67	0.0220	1126.	30.	0.11
MILE 386.85	596.34	133774.	2.17	61752.	5143.	5.98	0.0210	1036.	37.	0.11
MILE 382.64	595.89	136054.	1.71	79457.	10041.	6.15	0.0210	1033.	33.	0.11
MILE 378.44	595.53	139724.	2.13	65499.	12637.	5.55	0.0210	1033.	39.	0.17
MILE 374.23	595.30	143363.	1.36	105588.	14086.	6.56	0.0210	1036.	37.	0.09
MILE 370.03	595.13	146808.	1.28	114968.	8230.	7.05	0.0210	1036.	45.	0.06
MILE 365.82	594.87	149111.	1.16	129005.	7763.	6.89	0.0210	1033.	42.	0.05
MILE 361.62	594.75	151954.	1.31	116365.	12781.	7.88	0.0210	1036.	49.	0.08
MILE 357.41	594.65	154105.	1.11	139347.	24178.	7.84	0.0210	1033.	58.	0.08
MILE 353.21	594.59	155995.	1.40	111596.	6769.	9.27	0.0230	1036.	58.	0.06
MILE 349.00	594.40	157155.	1.35	116329.	3832.	9.77	0.0240	1036.	60.	0.04

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.85	104700.	3.37	31039.	9565.	8.78	0.0230	5432.	30.	0.33
MILE 420.49	604.41	111508.	3.43	32481.	4968.	7.37	0.0230	1220.	25.	0.24
MILE 416.28	603.39	113831.	3.67	31000.	4441.	7.49	0.0270	1217.	24.	0.24
MILE 412.08	601.92	116109.	3.32	35011.	3299.	7.70	0.0270	1220.	25.	0.18
MILE 407.88	600.54	118544.	3.35	35421.	3725.	7.75	0.0270	1220.	24.	0.19
MILE 403.67	599.44	120473.	3.51	34318.	2578.	7.77	0.0240	1217.	26.	0.17
MILE 399.47	598.49	124355.	2.56	48489.	10025.	7.12	0.0220	1220.	34.	0.21
MILE 395.26	597.66	126887.	3.27	38862.	12741.	9.58	0.0220	1217.	39.	0.33
MILE 391.06	596.83	130903.	2.75	47528.	2579.	7.66	0.0220	1128.	30.	0.11
MILE 386.85	596.29	132999.	2.16	61568.	5141.	5.97	0.0210	1036.	37.	0.11

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MILE 382.64	595.85	135068.	1.70	79244.	10007.	6.14	0.0210	1033.	33.	0.11
MILE 378.44	595.49	138216.	2.12	65315.	12606.	5.55	0.0210	1033.	39.	0.16
MILE 374.23	595.26	141564.	1.34	105389.	14079.	6.55	0.0210	1036.	37.	0.09
MILE 370.03	595.10	144589.	1.26	114795.	8226.	7.05	0.0210	1036.	45.	0.06
MILE 365.82	594.85	146475.	1.14	128855.	7758.	6.88	0.0210	1033.	42.	0.05
MILE 361.62	594.73	148796.	1.28	116273.	12770.	7.88	0.0210	1036.	49.	0.07
MILE 357.41	594.63	152129.	1.09	139210.	24154.	7.83	0.0210	1033.	58.	0.08
MILE 353.21	594.55	158981.	1.43	111448.	6758.	9.26	0.0230	1036.	58.	0.06
MILE 349.00	594.33	161856.	1.39	116063.	3830.	9.75	0.0240	1036.	60.	0.04

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.76	102200.	3.31	30922.	9496.	8.77	0.0230	5396.	30.	0.32
MILE 420.49	604.34	109946.	3.40	32378.	4943.	7.35	0.0230	1224.	25.	0.23
MILE 416.28	603.34	113119.	3.66	30925.	4425.	7.48	0.0270	1221.	24.	0.24
MILE 412.08	601.87	115725.	3.31	34937.	3290.	7.69	0.0270	1224.	25.	0.18
MILE 407.88	600.50	118185.	3.35	35313.	3709.	7.74	0.0270	1224.	24.	0.19
MILE 403.67	599.40	120091.	3.51	34232.	2565.	7.76	0.0240	1221.	26.	0.17
MILE 399.47	598.45	123860.	2.57	48284.	9963.	7.13	0.0220	1224.	34.	0.21
MILE 395.26	597.61	126321.	3.26	38776.	12689.	9.58	0.0220	1221.	39.	0.33
MILE 391.06	596.79	130083.	2.74	47412.	2577.	7.66	0.0220	1129.	30.	0.11
MILE 386.85	596.25	132079.	2.15	61406.	5139.	5.96	0.0210	1036.	37.	0.11
MILE 382.64	595.81	134049.	1.70	79058.	9977.	6.13	0.0210	1033.	33.	0.11
MILE 378.44	595.46	136951.	2.10	65150.	12578.	5.54	0.0210	1033.	39.	0.16
MILE 374.23	595.24	139827.	1.33	105214.	14072.	6.55	0.0210	1036.	37.	0.09
MILE 370.03	595.08	143249.	1.25	114621.	8223.	7.04	0.0210	1036.	45.	0.06
MILE 365.82	594.82	146332.	1.14	128618.	7750.	6.88	0.0210	1033.	42.	0.05
MILE 361.62	594.69	151164.	1.30	116061.	12746.	7.87	0.0210	1036.	49.	0.08
MILE 357.41	594.59	154830.	1.11	138945.	24107.	7.83	0.0210	1033.	58.	0.08
MILE 353.21	594.52	158905.	1.43	111328.	6748.	9.26	0.0230	1036.	58.	0.06
MILE 349.00	594.32	160637.	1.38	116024.	3829.	9.75	0.0240	1036.	60.	0.04

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.71	102600.	3.32	30865.	9462.	8.76	0.0230	5352.	30.	0.32
MILE 420.49	604.29	109837.	3.40	32291.	4922.	7.34	0.0230	1228.	25.	0.23
MILE 416.28	603.28	112500.	3.65	30834.	4406.	7.47	0.0270	1225.	24.	0.24
MILE 412.08	601.82	115003.	3.30	34847.	3280.	7.68	0.0270	1228.	25.	0.18
MILE 407.88	600.45	117614.	3.34	35194.	3690.	7.74	0.0270	1228.	24.	0.19

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MILE 403.67	599.35	119582.	3.50	34145.	2553.	7.76	0.0240	1225.	26.	0.17
MILE 399.47	598.40	123302.	2.56	48088.	9903.	7.13	0.0220	1228.	34.	0.21
MILE 395.26	597.57	125702.	3.25	38695.	12640.	9.58	0.0220	1225.	39.	0.33
MILE 391.06	596.75	129270.	2.73	47306.	2576.	7.65	0.0220	1132.	30.	0.11
MILE 386.85	596.22	131178.	2.14	61258.	5138.	5.95	0.0210	1036.	37.	0.11
MILE 382.64	595.78	133079.	1.69	78887.	9949.	6.12	0.0210	1033.	33.	0.11
MILE 378.44	595.43	136079.	2.09	64986.	12550.	5.53	0.0210	1033.	39.	0.16
MILE 374.23	595.20	140521.	1.34	104986.	14064.	6.54	0.0210	1036.	37.	0.09
MILE 370.03	595.04	144890.	1.27	114381.	8218.	7.03	0.0210	1036.	45.	0.06
MILE 365.82	594.78	147328.	1.15	128342.	7741.	6.87	0.0210	1033.	42.	0.05
MILE 361.62	594.66	150414.	1.30	115878.	12725.	7.86	0.0210	1036.	49.	0.08
MILE 357.41	594.55	154669.	1.12	138697.	24063.	7.83	0.0210	1033.	58.	0.08
MILE 353.21	594.47	163124.	1.47	111110.	6730.	9.25	0.0230	1036.	58.	0.06
MILE 349.00	594.23	166480.	1.44	115682.	3827.	9.73	0.0240	1036.	60.	0.05

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.66	102200.	3.32	30799.	9424.	8.75	0.0230	5308.	30.	0.32
MILE 420.49	604.23	109358.	3.40	32205.	4902.	7.33	0.0230	1232.	25.	0.23
MILE 416.28	603.23	112059.	3.64	30755.	4389.	7.46	0.0270	1229.	24.	0.24
MILE 412.08	601.77	114543.	3.29	34764.	3271.	7.67	0.0270	1232.	25.	0.18
MILE 407.88	600.40	117057.	3.34	35075.	3672.	7.74	0.0270	1232.	24.	0.19
MILE 403.67	599.31	118977.	3.49	34057.	2540.	7.75	0.0240	1229.	26.	0.17
MILE 399.47	598.36	122627.	2.56	47894.	9845.	7.14	0.0220	1232.	34.	0.20
MILE 395.26	597.53	124992.	3.24	38619.	12593.	9.58	0.0220	1229.	39.	0.33
MILE 391.06	596.71	128519.	2.72	47203.	2574.	7.65	0.0220	1134.	30.	0.11
MILE 386.85	596.18	130515.	2.14	61109.	5136.	5.94	0.0210	1036.	37.	0.11
MILE 382.64	595.75	132622.	1.69	78698.	9919.	6.11	0.0210	1033.	33.	0.11
MILE 378.44	595.39	136003.	2.10	64790.	12516.	5.52	0.0210	1033.	39.	0.16
MILE 374.23	595.16	139846.	1.33	104759.	14055.	6.53	0.0210	1036.	37.	0.09
MILE 370.03	595.00	144369.	1.26	114151.	8213.	7.02	0.0210	1036.	45.	0.06
MILE 365.82	594.74	148051.	1.16	128020.	7730.	6.86	0.0210	1033.	42.	0.05
MILE 361.62	594.60	153765.	1.33	115598.	12693.	7.85	0.0210	1036.	49.	0.08
MILE 357.41	594.50	157756.	1.14	138362.	24004.	7.82	0.0210	1033.	58.	0.08
MILE 353.21	594.43	161210.	1.45	110973.	6719.	9.24	0.0230	1036.	58.	0.06
MILE 349.00	594.23	162717.	1.41	115682.	3827.	9.73	0.0240	1036.	60.	0.05

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	605.58	100500.	3.27	30692.	9360.	8.74	0.0230	5260.	30.	0.32
MILE 420.49	604.17	108145.	3.37	32097.	4876.	7.31	0.0230	1236.	25.	0.23
MILE 416.28	603.17	111306.	3.63	30668.	4370.	7.45	0.0270	1233.	24.	0.24
MILE 412.08	601.72	113968.	3.29	34680.	3262.	7.66	0.0270	1236.	25.	0.18
MILE 407.88	600.35	116514.	3.33	34962.	3655.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	599.26	118426.	3.49	33972.	2528.	7.75	0.0240	1233.	26.	0.17
MILE 399.47	598.31	121983.	2.56	47707.	9788.	7.14	0.0220	1236.	34.	0.20
MILE 395.26	597.49	124354.	3.23	38543.	12547.	9.58	0.0220	1233.	39.	0.32
MILE 391.06	596.67	127999.	2.72	47093.	2572.	7.64	0.0220	1136.	30.	0.11
MILE 386.85	596.15	129996.	2.13	60946.	5134.	5.93	0.0210	1036.	37.	0.11
MILE 382.64	595.71	132062.	1.68	78498.	9887.	6.10	0.0210	1033.	33.	0.11
MILE 378.44	595.35	135508.	2.10	64589.	12482.	5.51	0.0210	1033.	39.	0.16
MILE 374.23	595.12	140807.	1.35	104478.	14045.	6.52	0.0210	1036.	37.	0.09
MILE 370.03	594.95	145831.	1.28	113867.	8196.	7.01	0.0210	1036.	45.	0.06
MILE 365.82	594.69	148303.	1.16	127709.	7720.	6.85	0.0210	1033.	41.	0.05
MILE 361.62	594.57	150908.	1.31	115416.	12673.	7.85	0.0210	1036.	49.	0.08
MILE 357.41	594.47	153705.	1.11	138174.	23971.	7.82	0.0210	1033.	58.	0.08
MILE 353.21	594.40	157701.	1.42	110852.	6710.	9.23	0.0230	1036.	58.	0.06
MILE 349.00	594.20	159495.	1.38	115568.	3826.	9.72	0.0240	1036.	60.	0.04

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.51	100000.	3.27	30605.	9310.	8.73	0.0230	5208.	30.	0.32
MILE 420.49	604.10	107506.	3.36	31991.	4851.	7.30	0.0230	1236.	25.	0.23
MILE 416.28	603.11	110526.	3.62	30570.	4349.	7.44	0.0270	1233.	24.	0.24
MILE 412.08	601.66	113195.	3.27	34587.	3252.	7.64	0.0270	1236.	25.	0.18
MILE 407.88	600.30	115845.	3.32	34841.	3636.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	599.22	117803.	3.48	33887.	2515.	7.74	0.0240	1233.	26.	0.17
MILE 399.47	598.27	121427.	2.56	47523.	9732.	7.15	0.0220	1236.	34.	0.20
MILE 395.26	597.45	123817.	3.22	38466.	12501.	9.57	0.0220	1233.	39.	0.32
MILE 391.06	596.63	127454.	2.71	46983.	2570.	7.64	0.0220	1136.	30.	0.11
MILE 386.85	596.11	129548.	2.13	60777.	5132.	5.92	0.0210	1036.	37.	0.11
MILE 382.64	595.67	131804.	1.68	78278.	9851.	6.09	0.0210	1033.	32.	0.11
MILE 378.44	595.31	135480.	2.10	64363.	12444.	5.50	0.0210	1033.	39.	0.16
MILE 374.23	595.08	139257.	1.34	104236.	14036.	6.51	0.0210	1036.	37.	0.09
MILE 370.03	594.92	142984.	1.26	113665.	8183.	7.00	0.0210	1036.	45.	0.06
MILE 365.82	594.66	145469.	1.14	127511.	7714.	6.85	0.0210	1033.	41.	0.05
MILE 361.62	594.54	148139.	1.28	115294.	12659.	7.84	0.0210	1036.	49.	0.08
MILE 357.41	594.46	147737.	1.07	138133.	23964.	7.82	0.0210	1033.	58.	0.08
MILE 353.21	594.43	140963.	1.27	110981.	6720.	9.24	0.0230	1036.	58.	0.06
MILE 349.00	594.32	139112.	1.20	116024.	3829.	9.75	0.0240	1036.	60.	0.04

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.45	99700.	3.27	30528.	9264.	8.72	0.0230	5144.	29.	0.32
MILE 420.49	604.04	106993.	3.36	31890.	4826.	7.29	0.0230	1236.	25.	0.23
MILE 416.28	603.05	109899.	3.61	30476.	4328.	7.43	0.0270	1233.	24.	0.24
MILE 412.08	601.61	112528.	3.26	34494.	3241.	7.63	0.0270	1236.	25.	0.18
MILE 407.88	600.25	115164.	3.32	34717.	3617.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	599.17	117127.	3.47	33798.	2502.	7.74	0.0240	1233.	26.	0.17
MILE 399.47	598.22	120818.	2.55	47333.	9674.	7.15	0.0220	1236.	34.	0.20
MILE 395.26	597.41	123266.	3.21	38388.	12453.	9.57	0.0220	1233.	39.	0.32
MILE 391.06	596.59	127054.	2.71	46866.	2569.	7.64	0.0220	1136.	30.	0.11
MILE 386.85	596.07	129087.	2.13	60602.	5130.	5.91	0.0210	1036.	37.	0.11
MILE 382.64	595.63	131123.	1.68	78068.	9818.	6.08	0.0210	1033.	32.	0.10
MILE 378.44	595.27	134214.	2.09	64179.	12412.	5.49	0.0210	1033.	39.	0.16
MILE 374.23	595.05	137474.	1.32	104042.	14029.	6.50	0.0210	1036.	37.	0.09
MILE 370.03	594.90	139021.	1.22	113549.	8176.	7.00	0.0210	1036.	45.	0.06
MILE 365.82	594.67	138426.	1.08	127583.	7716.	6.85	0.0210	1033.	41.	0.05
MILE 361.62	594.58	135100.	1.17	115478.	12680.	7.85	0.0210	1036.	49.	0.07
MILE 357.41	594.51	133639.	0.97	138410.	24013.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.46	132958.	1.20	111070.	6727.	9.24	0.0230	1036.	58.	0.05
MILE 349.00	594.31	133570.	1.15	115986.	3829.	9.75	0.0240	1036.	60.	0.04

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.40	99700.	3.27	30465.	9227.	8.71	0.0230	5080.	29.	0.32
MILE 420.49	603.98	106689.	3.35	31800.	4805.	7.28	0.0230	1236.	25.	0.23
MILE 416.28	602.99	109412.	3.60	30388.	4309.	7.42	0.0270	1233.	24.	0.24
MILE 412.08	601.55	111944.	3.25	34404.	3231.	7.62	0.0270	1236.	25.	0.18
MILE 407.88	600.19	114536.	3.31	34595.	3598.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	599.12	116496.	3.46	33709.	2489.	7.73	0.0240	1233.	26.	0.17
MILE 399.47	598.18	120232.	2.55	47139.	9615.	7.15	0.0220	1236.	34.	0.20
MILE 395.26	597.37	122685.	3.20	38308.	12404.	9.57	0.0220	1233.	39.	0.32
MILE 391.06	596.55	126347.	2.70	46757.	2567.	7.63	0.0220	1136.	30.	0.11
MILE 386.85	596.03	128304.	2.12	60448.	5128.	5.90	0.0210	1036.	37.	0.11
MILE 382.64	595.59	130150.	1.67	77897.	9790.	6.07	0.0210	1033.	32.	0.10
MILE 378.44	595.25	132268.	2.06	64067.	12393.	5.48	0.0210	1033.	39.	0.16
MILE 374.23	595.05	131271.	1.26	104041.	14029.	6.50	0.0210	1036.	37.	0.08
MILE 370.03	594.92	129952.	1.14	113638.	8181.	7.00	0.0210	1036.	45.	0.05
MILE 365.82	594.70	130621.	1.02	127774.	7722.	6.85	0.0210	1033.	42.	0.04
MILE 361.62	594.60	131809.	1.14	115586.	12692.	7.85	0.0210	1036.	49.	0.07
MILE 357.41	594.52	132727.	0.96	138500.	24028.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.47	134128.	1.21	111107.	6730.	9.25	0.0230	1036.	58.	0.05

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MILE 349.00 594.31 135346. 1.17 115986. 3829. 9.75 0.0240 1036. 60. 0.04

ODATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.36	99800.	3.28	30412.	9196.	8.71	0.0230	5032.	29.	0.32
MILE 420.49	603.93	106500.	3.36	31720.	4786.	7.26	0.0230	1236.	25.	0.23
MILE 416.28	602.94	109050.	3.60	30309.	4292.	7.41	0.0270	1233.	24.	0.24
MILE 412.08	601.50	111475.	3.25	34320.	3222.	7.61	0.0270	1236.	25.	0.18
MILE 407.88	600.14	113991.	3.31	34477.	3580.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	599.08	115924.	3.45	33621.	2476.	7.73	0.0240	1233.	26.	0.16
MILE 399.47	598.13	119591.	2.55	46946.	9555.	7.16	0.0220	1236.	34.	0.20
MILE 395.26	597.33	121989.	3.19	38231.	12357.	9.57	0.0220	1233.	39.	0.32
MILE 391.06	596.52	125375.	2.69	46664.	2565.	7.63	0.0220	1136.	30.	0.11
MILE 386.85	596.00	126956.	2.10	60340.	5127.	5.90	0.0210	1036.	37.	0.11
MILE 382.64	595.58	128121.	1.65	77826.	9779.	6.06	0.0210	1033.	32.	0.10
MILE 378.44	595.25	128923.	2.01	64073.	12394.	5.48	0.0210	1033.	39.	0.16
MILE 374.23	595.05	129378.	1.24	104060.	14030.	6.50	0.0210	1036.	37.	0.08
MILE 370.03	594.92	129883.	1.14	113637.	8181.	7.00	0.0210	1036.	45.	0.05
MILE 365.82	594.70	130897.	1.02	127767.	7722.	6.85	0.0210	1033.	42.	0.04
MILE 361.62	594.60	132352.	1.15	115568.	12690.	7.85	0.0210	1036.	49.	0.07
MILE 357.41	594.51	134889.	0.97	138436.	24017.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.44	140795.	1.27	111019.	6723.	9.24	0.0230	1036.	58.	0.05
MILE 349.00	594.26	143198.	1.24	115796.	3828.	9.74	0.0240	1036.	60.	0.04

ODATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.26	97500.	3.22	30288.	9123.	8.69	0.0230	4984.	29.	0.31
MILE 420.49	603.86	104981.	3.32	31607.	4758.	7.25	0.0230	1236.	25.	0.23
MILE 416.28	602.89	108260.	3.58	30223.	4274.	7.40	0.0270	1233.	24.	0.24
MILE 412.08	601.45	110962.	3.24	34238.	3213.	7.60	0.0270	1236.	25.	0.17
MILE 407.88	600.10	113496.	3.30	34366.	3563.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	599.03	115397.	3.44	33536.	2464.	7.72	0.0240	1233.	26.	0.16
MILE 399.47	598.09	118868.	2.54	46763.	9499.	7.16	0.0220	1236.	34.	0.20
MILE 395.26	597.29	121075.	3.17	38163.	12315.	9.57	0.0220	1233.	39.	0.32
MILE 391.06	596.50	123846.	2.66	46604.	2564.	7.62	0.0220	1136.	30.	0.11
MILE 386.85	595.99	125340.	2.08	60286.	5127.	5.89	0.0210	1036.	37.	0.11
MILE 382.64	595.57	126677.	1.63	77793.	9774.	6.06	0.0210	1033.	32.	0.10
MILE 378.44	595.25	128194.	2.00	64044.	12389.	5.48	0.0210	1033.	39.	0.16
MILE 374.23	595.05	129682.	1.25	104021.	14028.	6.50	0.0210	1036.	37.	0.08

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MILE 370.03	594.91	131924.	1.16	113570.	8177.	7.00	0.0210	1036.	45.	0.05
MILE 365.82	594.68	134220.	1.05	127620.	7717.	6.85	0.0210	1033.	41.	0.05
MILE 361.62	594.57	137651.	1.19	115418.	12673.	7.85	0.0210	1036.	49.	0.07
MILE 357.41	594.48	140069.	1.01	138250.	23984.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.43	142217.	1.28	110946.	6717.	9.24	0.0230	1036.	58.	0.06
MILE 349.00	594.26	143420.	1.24	115796.	3828.	9.74	0.0240	1036.	60.	0.04

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.21	97900.	3.24	30225.	9085.	8.68	0.0230	4936.	29.	0.31
MILE 420.49	603.80	104837.	3.33	31511.	4735.	7.24	0.0230	1236.	25.	0.23
MILE 416.28	602.83	107595.	3.57	30125.	4252.	7.38	0.0270	1233.	24.	0.24
MILE 412.08	601.40	110161.	3.23	34143.	3202.	7.59	0.0270	1236.	25.	0.17
MILE 407.88	600.04	112788.	3.29	34246.	3544.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	598.99	114704.	3.43	33453.	2452.	7.72	0.0240	1233.	26.	0.16
MILE 399.47	598.05	117949.	2.53	46598.	9448.	7.17	0.0220	1236.	34.	0.20
MILE 395.26	597.26	120037.	3.15	38106.	12280.	9.57	0.0220	1233.	39.	0.32
MILE 391.06	596.48	122776.	2.64	46544.	2564.	7.62	0.0220	1136.	30.	0.11
MILE 386.85	595.97	124342.	2.06	60217.	5126.	5.89	0.0210	1036.	37.	0.11
MILE 382.64	595.56	125867.	1.62	77725.	9763.	6.06	0.0210	1033.	32.	0.10
MILE 378.44	595.23	128049.	2.00	63971.	12377.	5.48	0.0210	1033.	39.	0.16
MILE 374.23	595.03	131430.	1.27	103893.	14023.	6.50	0.0210	1036.	37.	0.08
MILE 370.03	594.88	134576.	1.19	113430.	8168.	6.99	0.0210	1036.	45.	0.06
MILE 365.82	594.66	136225.	1.07	127453.	7712.	6.85	0.0210	1033.	41.	0.05
MILE 361.62	594.55	137785.	1.19	115319.	12662.	7.84	0.0210	1036.	49.	0.07
MILE 357.41	594.47	139368.	1.01	138152.	23967.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.41	140940.	1.27	110891.	6713.	9.24	0.0230	1036.	58.	0.06
MILE 349.00	594.25	142033.	1.23	115758.	3827.	9.73	0.0240	1036.	60.	0.04

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.16	97800.	3.24	30163.	9049.	8.67	0.0230	4888.	29.	0.31
MILE 420.49	603.75	104503.	3.33	31422.	4714.	7.23	0.0230	1236.	25.	0.23
MILE 416.28	602.77	107158.	3.57	30041.	4234.	7.37	0.0270	1233.	24.	0.24
MILE 412.08	601.35	109620.	3.22	34056.	3193.	7.58	0.0270	1236.	25.	0.17
MILE 407.88	599.99	112093.	3.28	34134.	3526.	7.74	0.0270	1236.	24.	0.19
MILE 403.67	598.94	113925.	3.41	33373.	2440.	7.71	0.0240	1233.	26.	0.16
MILE 399.47	598.01	117058.	2.52	46442.	9400.	7.17	0.0220	1236.	34.	0.20
MILE 395.26	597.23	119158.	3.13	38050.	12246.	9.57	0.0220	1233.	39.	0.31

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MILE 391.06	596.45	122051.	2.63	46475.	2562.	7.62	0.0220	1136.	30.	0.11
MILE 386.85	595.95	123788.	2.06	60123.	5125.	5.88	0.0210	1036.	37.	0.11
MILE 382.64	595.54	125587.	1.62	77607.	9744.	6.05	0.0210	1033.	32.	0.10
MILE 378.44	595.21	128194.	2.01	63851.	12356.	5.47	0.0210	1033.	39.	0.16
MILE 374.23	595.01	130690.	1.26	103769.	14019.	6.49	0.0210	1036.	37.	0.08
MILE 370.03	594.87	133064.	1.17	113331.	8162.	6.99	0.0210	1036.	45.	0.06
MILE 365.82	594.64	134692.	1.06	127362.	7709.	6.84	0.0210	1033.	41.	0.05
MILE 361.62	594.54	136476.	1.18	115261.	12655.	7.84	0.0210	1036.	49.	0.07
MILE 357.41	594.46	137876.	1.00	138095.	23957.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.41	138821.	1.25	110866.	6711.	9.23	0.0230	1036.	58.	0.05
MILE 349.00	594.25	139836.	1.21	115758.	3827.	9.73	0.0240	1036.	60.	0.04

0DATE 3-22-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.11	97500.	3.24	30099.	9011.	8.67	0.0230	4840.	29.	0.31
MILE 420.49	603.69	104089.	3.32	31338.	4694.	7.21	0.0230	1236.	25.	0.23
MILE 416.28	602.72	106703.	3.56	29963.	4217.	7.36	0.0270	1233.	24.	0.24
MILE 412.08	601.30	109087.	3.21	33976.	3184.	7.57	0.0270	1236.	25.	0.17
MILE 407.88	599.95	111462.	3.27	34060.	3510.	7.73	0.0270	1236.	24.	0.19
MILE 403.67	598.90	113275.	3.40	33298.	2429.	7.71	0.0240	1233.	26.	0.16
MILE 399.47	597.97	116359.	2.51	46292.	9353.	7.18	0.0220	1236.	34.	0.20
MILE 395.26	597.20	118498.	3.12	37993.	12211.	9.57	0.0220	1233.	39.	0.31
MILE 391.06	596.42	121567.	2.62	46396.	2561.	7.62	0.0220	1136.	30.	0.11
MILE 386.85	595.93	123295.	2.05	60011.	5123.	5.87	0.0210	1036.	37.	0.11
MILE 382.64	595.51	124969.	1.61	77482.	9724.	6.05	0.0210	1033.	32.	0.10
MILE 378.44	595.19	127222.	2.00	63749.	12339.	5.47	0.0210	1033.	39.	0.15
MILE 374.23	594.99	129434.	1.25	103661.	14011.	6.49	0.0210	1036.	36.	0.08
MILE 370.03	594.85	131390.	1.16	113243.	8157.	6.99	0.0210	1036.	45.	0.05
MILE 365.82	594.63	132774.	1.04	127293.	7707.	6.84	0.0210	1033.	41.	0.05
MILE 361.62	594.53	134253.	1.17	115226.	12651.	7.84	0.0210	1036.	49.	0.07
MILE 357.41	594.45	135834.	0.98	138057.	23950.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.40	137943.	1.24	110835.	6708.	9.23	0.0230	1036.	57.	0.05
MILE 349.00	594.24	139254.	1.20	115720.	3827.	9.73	0.0240	1036.	60.	0.04

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TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.07	97500.	3.25	30046.	8979.	8.66	0.0230	4792.	29.	0.31
MILE 420.49	603.65	103849.	3.32	31262.	4676.	7.20	0.0230	1236.	25.	0.23
MILE 416.28	602.67	106297.	3.56	29889.	4201.	7.36	0.0270	1233.	23.	0.23

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MILE 412.08	601.25	108582.	3.20	33901.	3175.	7.56	0.0270	1236.	25.	0.17
MILE 407.88	599.91	110899.	3.26	33991.	3494.	7.72	0.0270	1236.	24.	0.18
MILE 403.67	598.87	112700.	3.39	33227.	2418.	7.70	0.0240	1233.	26.	0.16
MILE 399.47	597.94	115807.	2.51	46144.	9307.	7.18	0.0220	1236.	34.	0.20
MILE 395.26	597.17	117946.	3.11	37934.	12175.	9.56	0.0220	1233.	39.	0.31
MILE 391.06	596.40	120903.	2.61	46321.	2560.	7.61	0.0220	1136.	30.	0.11
MILE 386.85	595.90	122578.	2.05	59910.	5122.	5.87	0.0210	1036.	37.	0.11
MILE 382.64	595.49	124190.	1.61	77371.	9706.	6.04	0.0210	1033.	32.	0.10
MILE 378.44	595.17	126277.	1.98	63657.	12323.	5.46	0.0210	1033.	39.	0.15
MILE 374.23	594.98	128127.	1.24	103573.	14002.	6.48	0.0210	1036.	36.	0.08
MILE 370.03	594.84	129976.	1.15	113168.	8152.	6.98	0.0210	1036.	45.	0.05
MILE 365.82	594.62	131533.	1.03	127222.	7704.	6.84	0.0210	1033.	41.	0.04
MILE 361.62	594.52	133389.	1.16	115176.	12645.	7.84	0.0210	1036.	49.	0.07
MILE 357.41	594.44	134933.	0.98	138003.	23941.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.39	136533.	1.23	110812.	6706.	9.23	0.0230	1036.	57.	0.05
MILE 349.00	594.24	137666.	1.19	115720.	3827.	9.73	0.0240	1036.	60.	0.04

ODATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.05	98400.	3.28	30028.	8969.	8.66	0.0230	4744.	29.	0.32
MILE 420.49	603.61	104156.	3.34	31211.	4663.	7.20	0.0230	1236.	25.	0.23
MILE 416.28	602.63	106162.	3.56	29829.	4188.	7.35	0.0270	1233.	23.	0.24
MILE 412.08	601.21	108219.	3.20	33833.	3168.	7.55	0.0270	1236.	25.	0.17
MILE 407.88	599.87	110424.	3.25	33925.	3480.	7.71	0.0270	1236.	24.	0.18
MILE 403.67	598.83	112192.	3.38	33158.	2408.	7.70	0.0240	1233.	26.	0.16
MILE 399.47	597.90	115230.	2.51	45999.	9262.	7.18	0.0220	1236.	34.	0.20
MILE 395.26	597.14	117328.	3.10	37877.	12140.	9.56	0.0220	1233.	39.	0.31
MILE 391.06	596.37	120193.	2.60	46251.	2559.	7.61	0.0220	1136.	30.	0.11
MILE 386.85	595.88	121817.	2.04	59816.	5121.	5.86	0.0210	1036.	37.	0.11
MILE 382.64	595.47	123364.	1.60	77273.	9690.	6.04	0.0210	1033.	32.	0.10
MILE 378.44	595.16	125367.	1.97	63576.	12309.	5.46	0.0210	1033.	39.	0.15
MILE 374.23	594.96	127442.	1.23	103484.	13993.	6.48	0.0210	1036.	36.	0.08
MILE 370.03	594.83	129367.	1.14	113089.	8147.	6.98	0.0210	1036.	45.	0.05
MILE 365.82	594.61	130767.	1.03	127151.	7702.	6.84	0.0210	1033.	41.	0.04
MILE 361.62	594.51	132302.	1.15	115133.	12641.	7.83	0.0210	1036.	49.	0.07
MILE 357.41	594.44	134087.	0.97	137948.	23931.	7.82	0.0210	1033.	58.	0.07
MILE 353.21	594.38	136884.	1.24	110763.	6702.	9.23	0.0230	1036.	57.	0.05
MILE 349.00	594.22	138417.	1.20	115644.	3826.	9.73	0.0240	1036.	60.	0.04

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.04	98700.	3.29	30008.	8957.	8.66	0.0230	4696.	29.	0.32
MILE 420.49	603.59	104230.	3.34	31169.	4654.	7.19	0.0230	1236.	25.	0.23
MILE 416.28	602.61	106138.	3.56	29785.	4179.	7.34	0.0270	1233.	23.	0.24
MILE 412.08	601.18	108064.	3.20	33779.	3162.	7.54	0.0270	1236.	25.	0.17
MILE 407.88	599.83	110100.	3.25	33868.	3467.	7.71	0.0270	1236.	24.	0.18
MILE 403.67	598.80	111795.	3.38	33094.	2399.	7.70	0.0240	1233.	25.	0.16
MILE 399.47	597.87	114674.	2.50	45861.	9219.	7.19	0.0220	1236.	34.	0.20
MILE 395.26	597.11	116710.	3.09	37823.	12107.	9.56	0.0220	1233.	39.	0.31
MILE 391.06	596.35	119476.	2.59	46184.	2558.	7.61	0.0220	1136.	30.	0.11
MILE 386.85	595.86	121090.	2.03	59729.	5120.	5.86	0.0210	1036.	37.	0.10
MILE 382.64	595.46	122654.	1.59	77179.	9675.	6.03	0.0210	1033.	32.	0.10
MILE 378.44	595.14	124680.	1.96	63495.	12295.	5.46	0.0210	1033.	39.	0.15
MILE 374.23	594.95	126606.	1.22	103402.	13984.	6.48	0.0210	1036.	36.	0.08
MILE 370.03	594.81	128629.	1.14	113013.	8143.	6.98	0.0210	1036.	45.	0.05
MILE 365.82	594.60	130376.	1.03	127061.	7699.	6.84	0.0210	1033.	41.	0.04
MILE 361.62	594.50	132614.	1.15	115059.	12632.	7.83	0.0210	1036.	49.	0.07
MILE 357.41	594.42	134374.	0.97	137863.	23916.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.37	136028.	1.23	110728.	6700.	9.23	0.0230	1036.	57.	0.05
MILE 349.00	594.22	137164.	1.19	115644.	3826.	9.73	0.0240	1036.	60.	0.04

0DATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.02	98700.	3.29	29982.	8941.	8.65	0.0230	4653.	29.	0.32
MILE 420.49	603.56	104160.	3.35	31131.	4644.	7.19	0.0230	1236.	25.	0.23
MILE 416.28	602.58	106055.	3.57	29746.	4170.	7.34	0.0270	1233.	23.	0.24
MILE 412.08	601.15	107918.	3.20	33733.	3157.	7.54	0.0270	1236.	25.	0.17
MILE 407.88	599.80	109861.	3.25	33818.	3456.	7.70	0.0270	1236.	24.	0.18
MILE 403.67	598.77	111505.	3.38	33038.	2390.	7.69	0.0240	1233.	25.	0.16
MILE 399.47	597.84	114211.	2.50	45736.	9179.	7.19	0.0220	1236.	34.	0.20
MILE 395.26	597.08	116180.	3.08	37772.	12075.	9.56	0.0220	1233.	39.	0.31
MILE 391.06	596.32	118853.	2.58	46121.	2557.	7.61	0.0220	1136.	30.	0.11
MILE 386.85	595.84	120431.	2.02	59644.	5119.	5.85	0.0210	1036.	37.	0.10
MILE 382.64	595.44	121966.	1.58	77088.	9660.	6.03	0.0210	1033.	32.	0.10
MILE 378.44	595.13	124003.	1.96	63415.	12282.	5.45	0.0210	1033.	39.	0.15
MILE 374.23	594.93	126368.	1.22	103304.	13974.	6.47	0.0210	1036.	36.	0.08
MILE 370.03	594.80	128580.	1.14	112920.	8137.	6.97	0.0210	1036.	45.	0.05
MILE 365.82	594.59	130040.	1.02	126969.	7696.	6.83	0.0210	1033.	41.	0.04
MILE 361.62	594.49	131588.	1.14	115005.	12626.	7.83	0.0210	1036.	49.	0.07
MILE 357.41	594.41	133392.	0.97	137798.	23904.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.36	136112.	1.23	110674.	6695.	9.23	0.0230	1036.	57.	0.05
MILE 349.00	594.20	137631.	1.19	115568.	3826.	9.72	0.0240	1036.	60.	0.04

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.99	98400.	3.29	29948.	8921.	8.65	0.0230	4611.	29.	0.32
MILE 420.49	603.54	103909.	3.34	31088.	4634.	7.18	0.0230	1236.	25.	0.23
MILE 416.28	602.56	105874.	3.56	29706.	4162.	7.33	0.0270	1233.	23.	0.24
MILE 412.08	601.12	107739.	3.20	33690.	3152.	7.53	0.0270	1236.	25.	0.17
MILE 407.88	599.77	109641.	3.25	33774.	3446.	7.69	0.0270	1236.	24.	0.18
MILE 403.67	598.74	111254.	3.37	32988.	2383.	7.69	0.0240	1233.	25.	0.16
MILE 399.47	597.81	113833.	2.50	45622.	9144.	7.19	0.0220	1236.	34.	0.20
MILE 395.26	597.06	115743.	3.07	37725.	12047.	9.56	0.0220	1233.	39.	0.31
MILE 391.06	596.30	118303.	2.57	46062.	2556.	7.60	0.0220	1136.	30.	0.11
MILE 386.85	595.82	119877.	2.01	59562.	5118.	5.85	0.0210	1036.	37.	0.10
MILE 382.64	595.42	121449.	1.58	76993.	9645.	6.02	0.0210	1033.	32.	0.10
MILE 378.44	595.11	123538.	1.95	63328.	12267.	5.45	0.0210	1033.	39.	0.15
MILE 374.23	594.92	125549.	1.22	103214.	13965.	6.47	0.0210	1036.	36.	0.08
MILE 370.03	594.79	127654.	1.13	112840.	8132.	6.97	0.0210	1036.	45.	0.05
MILE 365.82	594.58	129419.	1.02	126876.	7693.	6.83	0.0210	1033.	41.	0.04
MILE 361.62	594.47	131666.	1.15	114931.	12618.	7.83	0.0210	1036.	49.	0.07
MILE 357.41	594.40	133432.	0.97	137714.	23889.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.35	135031.	1.22	110639.	6692.	9.22	0.0230	1036.	57.	0.05
MILE 349.00	594.20	136167.	1.18	115568.	3826.	9.72	0.0240	1036.	60.	0.04

0DATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.97	98400.	3.29	29922.	8904.	8.64	0.0230	4563.	29.	0.32
MILE 420.49	603.51	103796.	3.34	31048.	4624.	7.18	0.0230	1236.	25.	0.23
MILE 416.28	602.53	105689.	3.56	29667.	4153.	7.33	0.0270	1233.	23.	0.23
MILE 412.08	601.10	107518.	3.20	33647.	3147.	7.53	0.0270	1236.	24.	0.17
MILE 407.88	599.75	109401.	3.24	33731.	3436.	7.69	0.0270	1236.	23.	0.18
MILE 403.67	598.71	110997.	3.37	32940.	2376.	7.69	0.0240	1233.	25.	0.16
MILE 399.47	597.79	113490.	2.49	45517.	9111.	7.20	0.0220	1236.	34.	0.20
MILE 395.26	597.03	115365.	3.06	37682.	12020.	9.56	0.0220	1233.	39.	0.30
MILE 391.06	596.28	117873.	2.56	46004.	2555.	7.60	0.0220	1136.	30.	0.11
MILE 386.85	595.80	119402.	2.01	59481.	5117.	5.84	0.0210	1036.	37.	0.10
MILE 382.64	595.40	120906.	1.57	76902.	9630.	6.02	0.0210	1033.	32.	0.10
MILE 378.44	595.10	122900.	1.94	63248.	12253.	5.44	0.0210	1033.	39.	0.15
MILE 374.23	594.90	125245.	1.21	103115.	13955.	6.47	0.0210	1036.	36.	0.08
MILE 370.03	594.77	127428.	1.13	112747.	8126.	6.97	0.0210	1036.	45.	0.05
MILE 365.82	594.56	128872.	1.02	126787.	7690.	6.83	0.0210	1033.	41.	0.04

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MILE 361.62	594.47	130319.	1.13	114881.	12612.	7.82	0.0210	1036.	49.	0.07
MILE 357.41	594.39	131654.	0.96	137669.	23881.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.34	132935.	1.20	110619.	6691.	9.22	0.0230	1036.	57.	0.05
MILE 349.00	594.20	133965.	1.16	115568.	3826.	9.72	0.0240	1036.	60.	0.04

ODATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.95	98400.	3.29	29898.	8889.	8.64	0.0230	4516.	29.	0.32
MILE 420.49	603.49	103689.	3.34	31011.	4616.	7.17	0.0230	1236.	24.	0.23
MILE 416.28	602.51	105536.	3.56	29630.	4145.	7.32	0.0270	1233.	23.	0.23
MILE 412.08	601.07	107327.	3.19	33606.	3143.	7.52	0.0270	1236.	24.	0.17
MILE 407.88	599.72	109168.	3.24	33690.	3427.	7.68	0.0270	1236.	23.	0.18
MILE 403.67	598.69	110744.	3.37	32895.	2369.	7.68	0.0240	1233.	25.	0.16
MILE 399.47	597.76	113176.	2.49	45418.	9079.	7.20	0.0220	1236.	34.	0.20
MILE 395.26	597.01	115016.	3.06	37641.	11994.	9.56	0.0220	1233.	39.	0.30
MILE 391.06	596.26	117435.	2.56	45950.	2554.	7.60	0.0220	1136.	30.	0.11
MILE 386.85	595.78	118959.	2.00	59405.	5116.	5.84	0.0210	1036.	37.	0.10
MILE 382.64	595.39	120488.	1.57	76811.	9616.	6.01	0.0210	1033.	32.	0.10
MILE 378.44	595.08	122491.	1.94	63164.	12239.	5.44	0.0210	1033.	39.	0.15
MILE 374.23	594.89	124371.	1.21	103032.	13946.	6.46	0.0210	1036.	36.	0.08
MILE 370.03	594.76	126120.	1.12	112682.	8122.	6.96	0.0210	1036.	45.	0.05
MILE 365.82	594.56	127451.	1.01	126738.	7688.	6.83	0.0210	1033.	41.	0.04
MILE 361.62	594.46	128889.	1.12	114853.	12609.	7.82	0.0210	1036.	49.	0.07
MILE 357.41	594.39	130576.	0.95	137629.	23874.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.33	133170.	1.20	110575.	6687.	9.22	0.0230	1036.	57.	0.05
MILE 349.00	594.18	134707.	1.17	115492.	3825.	9.72	0.0240	1036.	60.	0.04

ODATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.93	98400.	3.29	29876.	8874.	8.64	0.0230	4476.	29.	0.32
MILE 420.49	603.47	103592.	3.34	30976.	4607.	7.17	0.0230	1236.	24.	0.23
MILE 416.28	602.48	105397.	3.56	29596.	4137.	7.32	0.0270	1233.	23.	0.23
MILE 412.08	601.05	107152.	3.19	33568.	3138.	7.52	0.0270	1236.	24.	0.17
MILE 407.88	599.70	108955.	3.24	33651.	3419.	7.68	0.0270	1236.	23.	0.18
MILE 403.67	598.67	110510.	3.36	32852.	2363.	7.68	0.0240	1233.	25.	0.16
MILE 399.47	597.74	112870.	2.49	45324.	9050.	7.20	0.0220	1236.	34.	0.20
MILE 395.26	596.99	114682.	3.05	37602.	11970.	9.56	0.0220	1233.	38.	0.30
MILE 391.06	596.24	117067.	2.55	45897.	2553.	7.60	0.0220	1136.	30.	0.11
MILE 386.85	595.77	118544.	2.00	59330.	5116.	5.83	0.0210	1036.	37.	0.10

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MILE 382.64	595.37	119981.	1.56	76730.	9603.	6.01	0.0210	1033.	32.	0.10
MILE 378.44	595.07	121755.	1.93	63099.	12228.	5.44	0.0210	1033.	39.	0.15
MILE 374.23	594.88	123449.	1.20	102966.	13939.	6.46	0.0210	1036.	36.	0.08
MILE 370.03	594.75	125243.	1.11	112619.	8118.	6.96	0.0210	1036.	45.	0.05
MILE 365.82	594.55	126931.	1.00	126660.	7686.	6.83	0.0210	1033.	41.	0.04
MILE 361.62	594.45	129280.	1.13	114782.	12601.	7.82	0.0210	1036.	49.	0.07
MILE 357.41	594.37	131785.	0.96	137522.	23855.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.31	135784.	1.23	110493.	6681.	9.22	0.0230	1036.	57.	0.05
MILE 349.00	594.15	137707.	1.19	115378.	3824.	9.71	0.0240	1036.	60.	0.04

0DATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.91	98400.	3.30	29855.	8861.	8.63	0.0230	4436.	29.	0.32
MILE 420.49	603.45	103504.	3.34	30944.	4599.	7.16	0.0230	1236.	24.	0.23
MILE 416.28	602.46	105270.	3.56	29563.	4131.	7.32	0.0270	1233.	23.	0.23
MILE 412.08	601.03	106991.	3.19	33533.	3134.	7.51	0.0270	1236.	24.	0.17
MILE 407.88	599.68	108758.	3.24	33615.	3411.	7.68	0.0270	1236.	23.	0.18
MILE 403.67	598.64	110295.	3.36	32812.	2357.	7.68	0.0240	1233.	25.	0.16
MILE 399.47	597.72	112595.	2.49	45235.	9022.	7.21	0.0220	1236.	34.	0.20
MILE 395.26	596.97	114371.	3.04	37565.	11948.	9.56	0.0220	1233.	38.	0.30
MILE 391.06	596.23	116638.	2.54	45850.	2552.	7.59	0.0220	1136.	30.	0.11
MILE 386.85	595.75	118067.	1.99	59267.	5115.	5.83	0.0210	1036.	37.	0.10
MILE 382.64	595.36	119467.	1.56	76660.	9591.	6.01	0.0210	1033.	32.	0.10
MILE 378.44	595.05	121252.	1.92	63034.	12217.	5.43	0.0210	1033.	39.	0.15
MILE 374.23	594.87	123494.	1.20	102880.	13930.	6.46	0.0210	1036.	36.	0.08
MILE 370.03	594.73	126021.	1.12	112520.	8112.	6.96	0.0210	1036.	45.	0.05
MILE 365.82	594.53	128085.	1.01	126515.	7681.	6.82	0.0210	1033.	41.	0.04
MILE 361.62	594.42	130847.	1.14	114663.	12587.	7.81	0.0210	1036.	49.	0.07
MILE 357.41	594.35	132984.	0.97	137387.	23831.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.30	135034.	1.22	110437.	6676.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.15	136241.	1.18	115377.	3824.	9.71	0.0240	1036.	60.	0.04

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.90	98700.	3.31	29845.	8855.	8.63	0.0230	4388.	29.	0.32
MILE 420.49	603.43	103591.	3.35	30919.	4593.	7.16	0.0230	1236.	24.	0.23
MILE 416.28	602.44	105217.	3.56	29535.	4124.	7.31	0.0270	1233.	23.	0.23
MILE 412.08	601.01	106859.	3.19	33500.	3131.	7.51	0.0270	1236.	24.	0.17
MILE 407.88	599.65	108579.	3.23	33581.	3403.	7.67	0.0270	1236.	23.	0.18

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MILE 403.67	598.62	110094.	3.36	32774.	2351.	7.68	0.0240	1233.	25.	0.16
MILE 399.47	597.70	112314.	2.49	45151.	8995.	7.21	0.0220	1236.	34.	0.20
MILE 395.26	596.95	114044.	3.04	37531.	11926.	9.56	0.0220	1233.	38.	0.30
MILE 391.06	596.21	116244.	2.54	45806.	2552.	7.59	0.0220	1136.	30.	0.11
MILE 386.85	595.74	117691.	1.99	59204.	5114.	5.82	0.0210	1036.	37.	0.10
MILE 382.64	595.34	119184.	1.56	76581.	9579.	6.00	0.0210	1033.	32.	0.10
MILE 378.44	595.04	121270.	1.93	62948.	12202.	5.43	0.0210	1033.	39.	0.15
MILE 374.23	594.85	124058.	1.21	102762.	13918.	6.45	0.0210	1036.	36.	0.08
MILE 370.03	594.71	126712.	1.13	112404.	8105.	6.95	0.0210	1036.	45.	0.05
MILE 365.82	594.51	128288.	1.01	126394.	7677.	6.82	0.0210	1033.	41.	0.04
MILE 361.62	594.41	129803.	1.13	114595.	12579.	7.81	0.0210	1036.	49.	0.07
MILE 357.41	594.34	131149.	0.96	137326.	23821.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.29	132245.	1.20	110410.	6674.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.15	133230.	1.15	115377.	3824.	9.71	0.0240	1036.	60.	0.04

0DATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.87	98200.	3.29	29814.	8835.	8.63	0.0230	4341.	29.	0.32
MILE 420.49	603.41	103249.	3.34	30886.	4586.	7.15	0.0230	1236.	24.	0.23
MILE 416.28	602.43	105060.	3.56	29509.	4119.	7.31	0.0270	1233.	23.	0.23
MILE 412.08	600.99	106752.	3.19	33471.	3127.	7.51	0.0270	1236.	24.	0.17
MILE 407.88	599.64	108435.	3.23	33550.	3396.	7.67	0.0270	1236.	23.	0.18
MILE 403.67	598.61	109921.	3.36	32740.	2346.	7.67	0.0240	1233.	25.	0.16
MILE 399.47	597.68	112055.	2.49	45074.	8971.	7.21	0.0220	1236.	34.	0.20
MILE 395.26	596.93	113767.	3.03	37498.	11906.	9.56	0.0220	1233.	38.	0.30
MILE 391.06	596.19	116011.	2.54	45758.	2551.	7.59	0.0220	1136.	30.	0.11
MILE 386.85	595.72	117511.	1.99	59129.	5113.	5.82	0.0210	1036.	37.	0.10
MILE 382.64	595.32	119074.	1.56	76486.	9563.	6.00	0.0210	1033.	32.	0.10
MILE 378.44	595.02	121200.	1.93	62855.	12186.	5.43	0.0210	1033.	39.	0.15
MILE 374.23	594.83	123278.	1.20	102667.	13908.	6.45	0.0210	1036.	36.	0.08
MILE 370.03	594.70	125156.	1.11	112332.	8100.	6.95	0.0210	1036.	45.	0.05
MILE 365.82	594.50	126524.	1.00	126340.	7675.	6.82	0.0210	1033.	41.	0.04
MILE 361.62	594.40	128125.	1.12	114561.	12576.	7.81	0.0210	1036.	49.	0.07
MILE 357.41	594.33	130551.	0.95	137258.	23808.	7.81	0.0210	1033.	58.	0.07
MILE 353.21	594.27	135277.	1.23	110318.	6667.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.10	137557.	1.19	115187.	3823.	9.70	0.0240	1036.	60.	0.04

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	604.86	98400.	3.30	29799.	8826.	8.62	0.0230	4298.	29.	0.32
MILE 420.49	603.39	103258.	3.35	30859.	4579.	7.15	0.0230	1236.	24.	0.23
MILE 416.28	602.41	104923.	3.56	29479.	4112.	7.31	0.0270	1233.	23.	0.23
MILE 412.08	600.97	106563.	3.19	33440.	3124.	7.50	0.0270	1236.	24.	0.17
MILE 407.88	599.62	108255.	3.23	33520.	3390.	7.66	0.0270	1236.	23.	0.18
MILE 403.67	598.59	109746.	3.36	32707.	2341.	7.67	0.0240	1233.	25.	0.16
MILE 399.47	597.66	111874.	2.49	45000.	8948.	7.21	0.0220	1236.	34.	0.20
MILE 395.26	596.92	113597.	3.03	37465.	11886.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.17	115853.	2.53	45709.	2550.	7.59	0.0220	1136.	30.	0.11
MILE 386.85	595.70	117303.	1.99	59055.	5112.	5.81	0.0210	1036.	37.	0.10
MILE 382.64	595.31	118736.	1.55	76400.	9550.	5.99	0.0210	1033.	32.	0.10
MILE 378.44	595.01	120509.	1.92	62785.	12174.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.82	122277.	1.19	102594.	13901.	6.45	0.0210	1036.	36.	0.08
MILE 370.03	594.69	124515.	1.11	112251.	8095.	6.95	0.0210	1036.	45.	0.05
MILE 365.82	594.48	126845.	1.01	126204.	7671.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.38	130405.	1.14	114428.	12560.	7.80	0.0210	1036.	49.	0.07
MILE 357.41	594.30	133049.	0.97	137091.	23779.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.25	135689.	1.23	110250.	6661.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.10	137063.	1.19	115187.	3823.	9.70	0.0240	1036.	60.	0.04

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.85	98500.	3.31	29786.	8817.	8.62	0.0230	4256.	29.	0.32
MILE 420.49	603.38	103239.	3.35	30836.	4573.	7.15	0.0230	1236.	24.	0.23
MILE 416.28	602.39	104854.	3.56	29455.	4107.	7.30	0.0270	1233.	23.	0.23
MILE 412.08	600.96	106454.	3.19	33412.	3121.	7.50	0.0270	1236.	24.	0.17
MILE 407.88	599.60	108104.	3.23	33491.	3383.	7.66	0.0270	1236.	23.	0.18
MILE 403.67	598.57	109583.	3.35	32674.	2336.	7.67	0.0240	1233.	25.	0.16
MILE 399.47	597.64	111712.	2.49	44927.	8924.	7.21	0.0220	1236.	34.	0.20
MILE 395.26	596.90	113417.	3.03	37433.	11866.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.16	115556.	2.53	45667.	2549.	7.59	0.0220	1136.	30.	0.11
MILE 386.85	595.69	116947.	1.98	58995.	5112.	5.81	0.0210	1036.	37.	0.10
MILE 382.64	595.29	118348.	1.55	76329.	9538.	5.99	0.0210	1033.	32.	0.10
MILE 378.44	594.99	120281.	1.92	62704.	12163.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.80	123343.	1.20	102470.	13888.	6.44	0.0210	1036.	36.	0.08
MILE 370.03	594.67	126338.	1.13	112113.	8087.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.46	128055.	1.02	126045.	7666.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.36	129817.	1.14	114333.	12550.	7.80	0.0210	1036.	49.	0.07
MILE 357.41	594.29	131801.	0.96	136989.	23761.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.23	134695.	1.22	110180.	6656.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.08	136230.	1.18	115111.	3822.	9.70	0.0240	1036.	60.	0.04

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.84	98500.	3.31	29772.	8808.	8.62	0.0230	4211.	29.	0.32
MILE 420.49	603.37	103177.	3.35	30813.	4568.	7.14	0.0230	1236.	24.	0.23
MILE 416.28	602.38	104783.	3.56	29433.	4102.	7.30	0.0270	1233.	23.	0.23
MILE 412.08	600.94	106364.	3.19	33387.	3118.	7.50	0.0270	1236.	24.	0.17
MILE 407.88	599.58	107988.	3.23	33464.	3377.	7.66	0.0270	1236.	23.	0.18
MILE 403.67	598.55	109451.	3.35	32643.	2332.	7.67	0.0240	1233.	25.	0.16
MILE 399.47	597.63	111511.	2.49	44857.	8902.	7.22	0.0220	1236.	34.	0.20
MILE 395.26	596.88	113174.	3.03	37403.	11848.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.14	115293.	2.53	45624.	2549.	7.59	0.0220	1136.	30.	0.11
MILE 386.85	595.67	116778.	1.98	58928.	5111.	5.80	0.0210	1036.	37.	0.10
MILE 382.64	595.28	118380.	1.55	76235.	9523.	5.98	0.0210	1033.	32.	0.10
MILE 378.44	594.97	120651.	1.93	62590.	12152.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.78	122986.	1.20	102358.	13876.	6.44	0.0210	1036.	36.	0.08
MILE 370.03	594.65	125385.	1.12	112016.	8081.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.44	127199.	1.01	125942.	7662.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.35	129115.	1.13	114265.	12542.	7.80	0.0210	1036.	49.	0.07
MILE 357.41	594.28	129160.	0.94	136970.	23757.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.25	125314.	1.14	110259.	6662.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.15	124652.	1.08	115377.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.83	98500.	3.31	29758.	8799.	8.62	0.0230	4166.	29.	0.32
MILE 420.49	603.35	103116.	3.35	30792.	4563.	7.14	0.0230	1236.	24.	0.23
MILE 416.28	602.36	104708.	3.56	29412.	4097.	7.30	0.0270	1233.	23.	0.23
MILE 412.08	600.93	106271.	3.19	33363.	3115.	7.49	0.0270	1236.	24.	0.17
MILE 407.88	599.57	107872.	3.23	33439.	3371.	7.65	0.0270	1236.	23.	0.18
MILE 403.67	598.54	109322.	3.35	32614.	2327.	7.67	0.0240	1233.	25.	0.16
MILE 399.47	597.61	111337.	2.49	44790.	8881.	7.22	0.0220	1236.	34.	0.20
MILE 395.26	596.87	113019.	3.02	37374.	11829.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.13	115254.	2.53	45576.	2548.	7.58	0.0220	1136.	30.	0.11
MILE 386.85	595.65	116721.	1.98	58850.	5110.	5.80	0.0210	1036.	37.	0.10
MILE 382.64	595.26	118213.	1.55	76140.	9508.	5.98	0.0210	1033.	32.	0.10
MILE 378.44	594.96	120199.	1.92	62497.	12143.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.77	122350.	1.20	102266.	13867.	6.43	0.0210	1036.	36.	0.08
MILE 370.03	594.64	123415.	1.10	111970.	8078.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.45	123312.	0.98	126004.	7664.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	121851.	1.07	114378.	12555.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	122919.	0.90	137081.	23777.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.24	127618.	1.16	110211.	6658.	9.20	0.0230	1036.	57.	0.05

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MILE 349.00 594.08 130016. 1.13 115111. 3822. 9.70 0.0240 1036. 60. 0.04

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.81	98400.	3.31	29741.	8789.	8.61	0.0230	4121.	29.	0.32
MILE 420.49	603.34	102997.	3.35	30770.	4557.	7.14	0.0230	1236.	24.	0.23
MILE 416.28	602.35	104609.	3.56	29391.	4093.	7.30	0.0270	1233.	23.	0.23
MILE 412.08	600.91	106173.	3.18	33339.	3113.	7.49	0.0270	1236.	24.	0.17
MILE 407.88	599.55	107765.	3.23	33415.	3366.	7.65	0.0270	1236.	23.	0.18
MILE 403.67	598.52	109214.	3.35	32586.	2323.	7.67	0.0240	1233.	25.	0.16
MILE 399.47	597.59	111251.	2.49	44725.	8860.	7.22	0.0220	1236.	33.	0.20
MILE 395.26	596.85	112933.	3.02	37343.	11811.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.11	115079.	2.53	45532.	2547.	7.58	0.0220	1136.	30.	0.11
MILE 386.85	595.64	116500.	1.98	58785.	5109.	5.80	0.0210	1036.	37.	0.10
MILE 382.64	595.24	117879.	1.55	76066.	9496.	5.98	0.0210	1033.	32.	0.10
MILE 378.44	594.95	119261.	1.91	62450.	12139.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.77	118850.	1.16	102288.	13869.	6.44	0.0210	1036.	36.	0.08
MILE 370.03	594.65	119239.	1.06	112006.	8080.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.45	121409.	0.96	125998.	7664.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.35	125325.	1.10	114299.	12546.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.28	127599.	0.93	136963.	23756.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.24	129012.	1.17	110191.	6657.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.10	130047.	1.13	115187.	3823.	9.70	0.0240	1036.	60.	0.04

ODATE 3-23-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.80	98400.	3.31	29727.	8779.	8.61	0.0230	4076.	29.	0.32
MILE 420.49	603.33	102927.	3.35	30748.	4552.	7.13	0.0230	1236.	24.	0.23
MILE 416.28	602.34	104515.	3.56	29370.	4088.	7.29	0.0270	1233.	23.	0.23
MILE 412.08	600.90	106071.	3.18	33316.	3110.	7.49	0.0270	1236.	24.	0.17
MILE 407.88	599.54	107666.	3.22	33390.	3361.	7.65	0.0270	1236.	23.	0.18
MILE 403.67	598.51	109115.	3.35	32558.	2319.	7.66	0.0240	1233.	25.	0.16
MILE 399.47	597.58	111133.	2.49	44661.	8839.	7.22	0.0220	1236.	33.	0.20
MILE 395.26	596.84	112782.	3.02	37315.	11793.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.10	114753.	2.52	45499.	2547.	7.58	0.0220	1136.	30.	0.11
MILE 386.85	595.63	115932.	1.97	58748.	5109.	5.79	0.0210	1036.	37.	0.10
MILE 382.64	595.24	116933.	1.54	76049.	9493.	5.97	0.0210	1033.	32.	0.10
MILE 378.44	594.95	117960.	1.89	62449.	12138.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.76	120552.	1.18	102226.	13863.	6.43	0.0210	1036.	36.	0.08

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MILE 370.03	594.63	122863.	1.10	111908.	8074.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.44	123984.	0.98	125883.	7660.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.34	124597.	1.09	114249.	12540.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.28	125560.	0.92	136931.	23750.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.23	126879.	1.15	110175.	6655.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.10	127813.	1.11	115187.	3823.	9.70	0.0240	1036.	60.	0.04

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.80	98700.	3.32	29723.	8777.	8.61	0.0230	4034.	29.	0.32
MILE 420.49	603.32	103034.	3.35	30733.	4549.	7.13	0.0230	1236.	24.	0.23
MILE 416.28	602.33	104500.	3.56	29352.	4084.	7.29	0.0270	1233.	23.	0.23
MILE 412.08	600.89	105999.	3.18	33294.	3108.	7.48	0.0270	1236.	24.	0.17
MILE 407.88	599.52	107568.	3.22	33367.	3355.	7.64	0.0270	1236.	23.	0.18
MILE 403.67	598.49	109002.	3.35	32532.	2315.	7.66	0.0240	1233.	25.	0.16
MILE 399.47	597.56	110931.	2.49	44601.	8820.	7.23	0.0220	1236.	33.	0.19
MILE 395.26	596.82	112470.	3.02	37293.	11779.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.09	114171.	2.51	45479.	2546.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.62	115489.	1.97	58724.	5109.	5.79	0.0210	1036.	37.	0.10
MILE 382.64	595.23	116931.	1.54	76007.	9486.	5.97	0.0210	1033.	32.	0.10
MILE 378.44	594.93	118832.	1.91	62376.	12131.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.75	120270.	1.18	102171.	13857.	6.43	0.0210	1036.	36.	0.08
MILE 370.03	594.63	121726.	1.09	111878.	8072.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.43	122882.	0.98	125873.	7660.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.35	123648.	1.08	114255.	12541.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.29	123022.	0.90	136990.	23761.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.26	118842.	1.08	110275.	6663.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.16	118239.	1.02	115415.	3825.	9.72	0.0240	1036.	60.	0.03

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.75	97400.	3.28	29673.	8745.	8.60	0.0230	3993.	29.	0.31
MILE 420.49	603.29	102260.	3.33	30694.	4539.	7.13	0.0230	1236.	24.	0.23
MILE 416.28	602.31	104211.	3.55	29328.	4079.	7.29	0.0270	1233.	23.	0.23
MILE 412.08	600.87	105898.	3.18	33273.	3105.	7.48	0.0270	1236.	24.	0.17
MILE 407.88	599.51	107472.	3.22	33346.	3351.	7.64	0.0270	1236.	23.	0.18
MILE 403.67	598.48	108873.	3.35	32508.	2312.	7.66	0.0240	1233.	25.	0.16
MILE 399.47	597.55	110651.	2.48	44550.	8804.	7.23	0.0220	1236.	33.	0.19
MILE 395.26	596.81	112190.	3.01	37272.	11767.	9.55	0.0220	1233.	38.	0.30

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MILE 391.06	596.08	114141.	2.51	45445.	2546.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.61	115448.	1.97	58672.	5108.	5.79	0.0210	1036.	37.	0.10
MILE 382.64	595.22	116711.	1.54	75951.	9478.	5.97	0.0210	1033.	32.	0.10
MILE 378.44	594.93	118130.	1.89	62342.	12128.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.75	119299.	1.17	102149.	13855.	6.43	0.0210	1036.	36.	0.08
MILE 370.03	594.63	119422.	1.07	111898.	8074.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.45	119071.	0.95	125999.	7664.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	117360.	1.03	114401.	12557.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.31	117227.	0.85	137162.	23791.	7.80	0.0210	1033.	58.	0.06
MILE 353.21	594.27	118246.	1.07	110317.	6667.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.14	119408.	1.04	115339.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH FROUDE										
MILE 424.70	604.70	96200.	3.25	29610.	8704.	8.59	0.0230	3957.	29.	0.31
MILE 420.49	603.26	101414.	3.31	30636.	4525.	7.12	0.0230	1236.	24.	0.22
MILE 416.28	602.28	103635.	3.54	29285.	4070.	7.28	0.0270	1233.	23.	0.23
MILE 412.08	600.85	105502.	3.17	33240.	3102.	7.48	0.0270	1236.	24.	0.17
MILE 407.88	599.49	107224.	3.22	33320.	3345.	7.64	0.0270	1236.	23.	0.18
MILE 403.67	598.47	108677.	3.35	32484.	2308.	7.66	0.0240	1233.	25.	0.16
MILE 399.47	597.54	110541.	2.48	44503.	8789.	7.23	0.0220	1236.	33.	0.19
MILE 395.26	596.80	112100.	3.01	37251.	11753.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.07	113901.	2.51	45420.	2545.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.60	115138.	1.96	58640.	5108.	5.79	0.0210	1036.	37.	0.10
MILE 382.64	595.22	116271.	1.53	75925.	9473.	5.97	0.0210	1033.	32.	0.10
MILE 378.44	594.93	117115.	1.88	62348.	12129.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.76	116146.	1.14	102223.	13863.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.65	115510.	1.03	111993.	8080.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.47	116473.	0.92	126105.	7668.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.38	118134.	1.03	114437.	12561.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.31	119679.	0.87	137169.	23793.	7.80	0.0210	1033.	58.	0.06
MILE 353.21	594.27	122033.	1.11	110309.	6666.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.13	123546.	1.07	115301.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH FROUDE										
MILE 424.70	604.60	93800.	3.18	29498.	8633.	8.57	0.0230	3921.	29.	0.30
MILE 420.49	603.19	99792.	3.27	30538.	4502.	7.11	0.0230	1236.	24.	0.22
MILE 416.28	602.24	102666.	3.51	29219.	4055.	7.27	0.0270	1233.	23.	0.23

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MILE 412.08	600.82	104901.	3.16	33192.	3096.	7.47	0.0270	1236.	24.	0.17
MILE 407.88	599.47	106832.	3.21	33286.	3337.	7.63	0.0270	1236.	23.	0.18
MILE 403.67	598.45	108351.	3.34	32454.	2304.	7.66	0.0240	1233.	25.	0.16
MILE 399.47	597.53	110306.	2.48	44450.	8772.	7.23	0.0220	1236.	33.	0.19
MILE 395.26	596.79	111853.	3.00	37233.	11742.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.06	113507.	2.50	45405.	2545.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.60	114526.	1.95	58636.	5107.	5.79	0.0210	1036.	37.	0.10
MILE 382.64	595.22	115316.	1.52	75952.	9478.	5.97	0.0210	1033.	32.	0.09
MILE 378.44	594.94	115731.	1.85	62403.	12134.	5.42	0.0210	1033.	39.	0.14
MILE 374.23	594.77	116598.	1.14	102254.	13866.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.65	117665.	1.05	111990.	8079.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.46	118909.	0.94	126062.	7666.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	120446.	1.05	114393.	12556.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	121893.	0.89	137112.	23783.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.26	123724.	1.12	110287.	6664.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.13	124827.	1.08	115301.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.56	93900.	3.19	29441.	8596.	8.56	0.0230	3887.	29.	0.30
MILE 420.49	603.14	99442.	3.27	30453.	4481.	7.09	0.0230	1236.	24.	0.22
MILE 416.28	602.19	101898.	3.50	29139.	4038.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.78	104082.	3.14	33124.	3089.	7.46	0.0270	1236.	24.	0.17
MILE 407.88	599.44	106193.	3.19	33237.	3327.	7.63	0.0270	1236.	23.	0.18
MILE 403.67	598.43	107794.	3.33	32415.	2298.	7.65	0.0240	1233.	25.	0.16
MILE 399.47	597.51	109848.	2.47	44393.	8754.	7.23	0.0220	1236.	33.	0.19
MILE 395.26	596.78	111358.	2.99	37217.	11732.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	596.06	112821.	2.48	45402.	2545.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.60	113921.	1.94	58646.	5108.	5.79	0.0210	1036.	37.	0.10
MILE 382.64	595.23	115021.	1.51	75968.	9480.	5.97	0.0210	1033.	32.	0.09
MILE 378.44	594.94	116245.	1.86	62399.	12134.	5.42	0.0210	1033.	39.	0.14
MILE 374.23	594.76	117779.	1.15	102235.	13864.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.64	119411.	1.07	111961.	8077.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.45	120614.	0.96	126016.	7665.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	121702.	1.06	114363.	12553.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	122646.	0.89	137085.	23778.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.26	123272.	1.12	110276.	6663.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.13	124180.	1.08	115301.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.54	94900.	3.23	29426.	8587.	8.56	0.0230	3854.	29.	0.31
MILE 420.49	603.11	99721.	3.28	30400.	4468.	7.09	0.0230	1236.	24.	0.22
MILE 416.28	602.15	101653.	3.50	29079.	4025.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.75	103587.	3.13	33063.	3082.	7.46	0.0270	1236.	24.	0.17
MILE 407.88	599.41	105566.	3.18	33186.	3315.	7.62	0.0270	1236.	23.	0.18
MILE 403.67	598.41	107129.	3.31	32372.	2291.	7.65	0.0240	1233.	25.	0.16
MILE 399.47	597.50	109166.	2.46	44330.	8733.	7.23	0.0220	1236.	33.	0.19
MILE 395.26	596.77	110721.	2.98	37202.	11723.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.06	112502.	2.48	45385.	2545.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.60	113746.	1.94	58625.	5107.	5.79	0.0210	1036.	36.	0.10
MILE 382.64	595.22	114990.	1.51	75944.	9476.	5.97	0.0210	1033.	32.	0.09
MILE 378.44	594.93	116451.	1.87	62373.	12131.	5.42	0.0210	1033.	39.	0.15
MILE 374.23	594.76	117939.	1.15	102207.	13861.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.64	119253.	1.07	111942.	8076.	6.94	0.0210	1036.	45.	0.05
MILE 365.82	594.45	120316.	0.95	126003.	7664.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	121319.	1.06	114359.	12552.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	122311.	0.89	137083.	23777.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.26	123040.	1.12	110275.	6663.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.13	123982.	1.08	115301.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.51	94700.	3.22	29392.	8565.	8.56	0.0230	3820.	29.	0.31
MILE 420.49	603.08	99472.	3.28	30351.	4457.	7.08	0.0230	1236.	24.	0.22
MILE 416.28	602.12	101457.	3.49	29035.	4015.	7.25	0.0270	1233.	23.	0.23
MILE 412.08	600.72	103312.	3.13	33018.	3077.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.39	105126.	3.17	33145.	3306.	7.62	0.0270	1236.	23.	0.18
MILE 403.67	598.39	106630.	3.30	32333.	2286.	7.65	0.0240	1233.	25.	0.15
MILE 399.47	597.48	108651.	2.45	44266.	8713.	7.24	0.0220	1236.	33.	0.19
MILE 395.26	596.76	110269.	2.97	37180.	11709.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.05	112220.	2.47	45358.	2544.	7.58	0.0220	1136.	30.	0.10
MILE 386.85	595.59	113525.	1.94	58591.	5107.	5.78	0.0210	1036.	36.	0.10
MILE 382.64	595.21	114787.	1.51	75909.	9471.	5.97	0.0210	1033.	32.	0.09
MILE 378.44	594.93	116184.	1.86	62346.	12128.	5.42	0.0210	1033.	39.	0.14
MILE 374.23	594.76	117394.	1.15	102187.	13859.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.64	118535.	1.06	111929.	8076.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.45	119607.	0.95	125997.	7664.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	120729.	1.06	114356.	12552.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	122038.	0.89	137074.	23776.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.25	123857.	1.12	110258.	6662.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.12	125169.	1.09	115263.	3823.	9.71	0.0240	1036.	60.	0.03

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TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.49	94700.	3.23	29364.	8547.	8.55	0.0230	3786.	28.	0.31
MILE 420.49	603.05	99332.	3.28	30308.	4446.	7.07	0.0230	1236.	24.	0.22
MILE 416.28	602.09	101219.	3.49	28994.	4006.	7.25	0.0270	1233.	23.	0.23
MILE 412.08	600.69	103002.	3.12	32977.	3072.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.36	104781.	3.16	33110.	3298.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.37	106282.	3.29	32299.	2280.	7.65	0.0240	1233.	25.	0.15
MILE 399.47	597.46	108316.	2.45	44202.	8693.	7.24	0.0220	1236.	33.	0.19
MILE 395.26	596.75	109942.	2.96	37156.	11694.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.04	111879.	2.47	45331.	2544.	7.57	0.0220	1136.	30.	0.10
MILE 386.85	595.58	113163.	1.93	58557.	5107.	5.78	0.0210	1036.	36.	0.10
MILE 382.64	595.21	114390.	1.51	75877.	9466.	5.97	0.0210	1033.	32.	0.09
MILE 378.44	594.92	115733.	1.86	62321.	12126.	5.42	0.0210	1033.	39.	0.14
MILE 374.23	594.75	116953.	1.14	102166.	13857.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.63	118271.	1.06	111908.	8074.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.45	119602.	0.95	125966.	7663.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.36	121207.	1.06	114327.	12549.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.29	122610.	0.89	137038.	23769.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.25	124059.	1.13	110244.	6661.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.12	125172.	1.09	115263.	3823.	9.71	0.0240	1036.	60.	0.03

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.48	95100.	3.24	29352.	8539.	8.55	0.0230	3756.	28.	0.31
MILE 420.49	603.03	99434.	3.28	30277.	4439.	7.07	0.0230	1236.	24.	0.22
MILE 416.28	602.07	101107.	3.49	28960.	3999.	7.24	0.0270	1233.	23.	0.23
MILE 412.08	600.67	102777.	3.12	32941.	3068.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.34	104496.	3.16	33076.	3291.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.35	105982.	3.28	32267.	2276.	7.65	0.0240	1233.	25.	0.15
MILE 399.47	597.45	108000.	2.45	44140.	8672.	7.24	0.0220	1236.	33.	0.19
MILE 395.26	596.74	109611.	2.95	37133.	11680.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.03	111504.	2.46	45305.	2544.	7.57	0.0220	1136.	30.	0.10
MILE 386.85	595.58	112777.	1.93	58525.	5106.	5.78	0.0210	1036.	36.	0.10
MILE 382.64	595.20	114012.	1.50	75846.	9461.	5.96	0.0210	1033.	32.	0.09
MILE 378.44	594.92	115438.	1.85	62291.	12123.	5.42	0.0210	1033.	39.	0.14
MILE 374.23	594.75	117051.	1.15	102129.	13853.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.63	118613.	1.06	111870.	8072.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.44	119826.	0.95	125926.	7662.	6.81	0.0210	1033.	41.	0.04

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MILE 361.62	594.36	120936.	1.06	114307.	12547.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.29	121589.	0.89	137037.	23769.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.25	121205.	1.10	110268.	6663.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.14	121725.	1.06	115339.	3824.	9.71	0.0240	1036.	60.	0.03

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.46	95100.	3.24	29335.	8529.	8.55	0.0230	3726.	28.	0.31
MILE 420.49	603.01	99363.	3.28	30250.	4432.	7.07	0.0230	1236.	24.	0.22
MILE 416.28	602.05	101025.	3.49	28934.	3993.	7.24	0.0270	1233.	23.	0.23
MILE 412.08	600.65	102648.	3.12	32912.	3065.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.33	104292.	3.16	33048.	3284.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.33	105744.	3.28	32237.	2271.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.43	107691.	2.44	44080.	8653.	7.24	0.0220	1236.	33.	0.19
MILE 395.26	596.73	109279.	2.94	37110.	11666.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.02	111168.	2.46	45278.	2543.	7.57	0.0220	1136.	30.	0.10
MILE 386.85	595.57	112471.	1.92	58490.	5106.	5.78	0.0210	1036.	36.	0.10
MILE 382.64	595.20	113767.	1.50	75807.	9454.	5.96	0.0210	1033.	32.	0.09
MILE 378.44	594.91	115297.	1.85	62252.	12119.	5.42	0.0210	1033.	39.	0.14
MILE 374.23	594.74	116704.	1.14	102096.	13849.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.63	117774.	1.05	111855.	8071.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.45	118481.	0.94	125949.	7662.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.36	118693.	1.04	114345.	12551.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	119201.	0.87	137092.	23779.	7.80	0.0210	1033.	58.	0.06
MILE 353.21	594.26	119658.	1.08	110289.	6664.	9.21	0.0230	1036.	57.	0.05
MILE 349.00	594.14	120554.	1.05	115339.	3824.	9.71	0.0240	1036.	60.	0.03

ODATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.45	95100.	3.24	29318.	8518.	8.54	0.0230	3696.	28.	0.31
MILE 420.49	603.00	99295.	3.29	30225.	4426.	7.06	0.0230	1236.	24.	0.22
MILE 416.28	602.04	100924.	3.49	28909.	3988.	7.24	0.0270	1233.	23.	0.23
MILE 412.08	600.64	102512.	3.12	32886.	3062.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.31	104120.	3.15	33022.	3279.	7.60	0.0270	1236.	23.	0.18
MILE 403.67	598.32	105554.	3.28	32210.	2267.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.42	107445.	2.44	44026.	8636.	7.24	0.0220	1236.	33.	0.19
MILE 395.26	596.71	109021.	2.94	37089.	11652.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.01	110916.	2.45	45250.	2543.	7.57	0.0220	1136.	30.	0.10
MILE 386.85	595.56	112205.	1.92	58453.	5105.	5.77	0.0210	1036.	36.	0.10

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MILE 382.64	595.19	113444.	1.50	75770.	9448.	5.96	0.0210	1033.	32.	0.09
MILE 378.44	594.91	114733.	1.84	62231.	12117.	5.41	0.0210	1033.	39.	0.14
MILE 374.23	594.74	115377.	1.13	102099.	13850.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.63	115950.	1.04	111875.	8072.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.45	116896.	0.93	125986.	7664.	6.81	0.0210	1033.	41.	0.04
MILE 361.62	594.37	118109.	1.03	114362.	12553.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.30	120117.	0.88	137074.	23776.	7.80	0.0210	1033.	58.	0.06
MILE 353.21	594.25	124236.	1.13	110231.	6660.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.10	126306.	1.10	115187.	3823.	9.70	0.0240	1036.	60.	0.04

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.44	95100.	3.25	29303.	8508.	8.54	0.0230	3666.	28.	0.31
MILE 420.49	602.98	99228.	3.29	30202.	4421.	7.06	0.0230	1236.	24.	0.22
MILE 416.28	602.02	100827.	3.49	28887.	3983.	7.23	0.0270	1233.	23.	0.23
MILE 412.08	600.62	102386.	3.12	32862.	3059.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.30	103966.	3.15	32999.	3273.	7.60	0.0270	1236.	23.	0.17
MILE 403.67	598.31	105389.	3.27	32185.	2263.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.41	107252.	2.44	43975.	8619.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.70	108809.	2.94	37068.	11640.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	596.00	110610.	2.45	45228.	2542.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.55	111809.	1.91	58428.	5105.	5.77	0.0210	1036.	36.	0.10
MILE 382.64	595.19	112906.	1.49	75755.	9446.	5.96	0.0210	1033.	32.	0.09
MILE 378.44	594.91	113955.	1.83	62231.	12117.	5.41	0.0210	1033.	39.	0.14
MILE 374.23	594.74	115005.	1.13	102097.	13850.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.62	116585.	1.04	111849.	8071.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.44	118530.	0.94	125900.	7661.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.35	121388.	1.06	114266.	12542.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.28	123139.	0.90	136964.	23756.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.24	123989.	1.12	110213.	6658.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.12	124787.	1.08	115263.	3823.	9.71	0.0240	1036.	60.	0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.42	94800.	3.24	29280.	8493.	8.54	0.0230	3640.	28.	0.31
MILE 420.49	602.97	98994.	3.28	30175.	4414.	7.06	0.0230	1236.	24.	0.22
MILE 416.28	602.01	100672.	3.49	28864.	3978.	7.23	0.0270	1233.	23.	0.23
MILE 412.08	600.61	102256.	3.11	32839.	3057.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.28	103828.	3.15	32977.	3269.	7.60	0.0270	1236.	23.	0.17

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MILE 403.67	598.29	105240.	3.27	32162.	2260.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.40	107046.	2.44	43928.	8604.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.69	108549.	2.93	37051.	11629.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.99	110207.	2.44	45212.	2542.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.55	111395.	1.91	58413.	5105.	5.77	0.0210	1036.	36.	0.10
MILE 382.64	595.18	112585.	1.49	75740.	9444.	5.96	0.0210	1033.	32.	0.09
MILE 378.44	594.90	114085.	1.83	62199.	12114.	5.41	0.0210	1033.	39.	0.14
MILE 374.23	594.73	116562.	1.14	102027.	13842.	6.43	0.0210	1036.	36.	0.07
MILE 370.03	594.61	118756.	1.06	111771.	8066.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.43	119798.	0.95	125826.	7658.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.34	120260.	1.05	114245.	12540.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.28	120956.	0.88	136963.	23756.	7.80	0.0210	1033.	58.	0.06
MILE 353.21	594.24	121511.	1.10	110211.	6658.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.12	122362.	1.06	115263.	3823.	9.71	0.0240	1036.	60.	0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.46	97000.	3.31	29333.	8527.	8.55	0.0230	3614.	28.	0.31
MILE 420.49	602.98	100167.	3.32	30192.	4418.	7.06	0.0230	1236.	24.	0.22
MILE 416.28	602.00	101005.	3.50	28855.	3976.	7.23	0.0270	1233.	23.	0.23
MILE 412.08	600.60	102217.	3.11	32819.	3055.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.27	103681.	3.15	32956.	3264.	7.59	0.0270	1236.	23.	0.17
MILE 403.67	598.28	105069.	3.27	32141.	2257.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.39	106801.	2.43	43886.	8591.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.69	108278.	2.92	37035.	11619.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.99	110004.	2.43	45191.	2542.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.54	111321.	1.91	58379.	5105.	5.77	0.0210	1036.	36.	0.10
MILE 382.64	595.17	112726.	1.49	75689.	9435.	5.96	0.0210	1033.	32.	0.09
MILE 378.44	594.89	114492.	1.84	62138.	12108.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.72	115747.	1.13	101989.	13838.	6.42	0.0210	1036.	36.	0.07
MILE 370.03	594.61	116875.	1.05	111758.	8065.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.43	117954.	0.94	125838.	7659.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.35	119113.	1.04	114254.	12541.	7.80	0.0210	1036.	49.	0.06
MILE 357.41	594.28	120576.	0.88	136958.	23755.	7.80	0.0210	1033.	58.	0.06
MILE 353.21	594.23	122766.	1.11	110183.	6656.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.10	124254.	1.08	115187.	3823.	9.70	0.0240	1036.	60.	0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	604.49	97600.	3.32	29366.	8548.	8.55	0.0230	3588.	28.	0.32
MILE 420.49	602.99	100646.	3.33	30219.	4425.	7.06	0.0230	1236.	24.	0.22
MILE 416.28	602.02	101489.	3.51	28873.	3980.	7.23	0.0270	1233.	23.	0.23
MILE 412.08	600.60	102565.	3.12	32823.	3055.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.26	103770.	3.15	32948.	3262.	7.59	0.0270	1236.	23.	0.17
MILE 403.67	598.28	105053.	3.27	32126.	2255.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.38	106662.	2.43	43849.	8579.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.68	108157.	2.92	37018.	11609.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.98	110011.	2.44	45163.	2541.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.53	111271.	1.91	58337.	5104.	5.77	0.0210	1036.	36.	0.10
MILE 382.64	595.16	112467.	1.49	75646.	9428.	5.95	0.0210	1033.	32.	0.09
MILE 378.44	594.89	113726.	1.83	62115.	12106.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.72	114906.	1.13	101970.	13836.	6.42	0.0210	1036.	36.	0.07
MILE 370.03	594.61	116227.	1.04	111736.	8064.	6.93	0.0210	1036.	45.	0.05
MILE 365.82	594.42	117743.	0.94	125794.	7657.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.34	119905.	1.05	114203.	12535.	7.79	0.0210	1036.	49.	0.06
MILE 357.41	594.27	122143.	0.89	136877.	23741.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.22	125539.	1.14	110125.	6651.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.08	127260.	1.11	115111.	3822.	9.70	0.0240	1036.	60.	0.04

ODATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.56	99700.	3.39	29447.	8600.	8.56	0.0230	3562.	29.	0.32
MILE 420.49	603.03	101980.	3.37	30280.	4440.	7.07	0.0230	1236.	24.	0.23
MILE 416.28	602.04	102213.	3.54	28906.	3987.	7.24	0.0270	1233.	23.	0.23
MILE 412.08	600.61	102953.	3.14	32838.	3057.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.27	104003.	3.16	32951.	3263.	7.59	0.0270	1236.	23.	0.18
MILE 403.67	598.27	105244.	3.28	32121.	2254.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.37	106755.	2.44	43821.	8570.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.67	108182.	2.92	37003.	11599.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.97	109788.	2.43	45145.	2541.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.53	110975.	1.90	58314.	5104.	5.77	0.0210	1036.	36.	0.10
MILE 382.64	595.16	112153.	1.48	75622.	9425.	5.95	0.0210	1033.	32.	0.09
MILE 378.44	594.88	113523.	1.83	62084.	12103.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.71	115376.	1.13	101920.	13831.	6.42	0.0210	1036.	36.	0.07
MILE 370.03	594.59	117524.	1.05	111667.	8059.	6.92	0.0210	1036.	45.	0.05
MILE 365.82	594.41	119305.	0.95	125685.	7654.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.32	121551.	1.07	114115.	12525.	7.79	0.0210	1036.	49.	0.06
MILE 357.41	594.25	123352.	0.90	136778.	23723.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.21	125138.	1.14	110084.	6648.	9.20	0.0230	1036.	57.	0.05
MILE 349.00	594.08	126306.	1.10	115111.	3822.	9.70	0.0240	1036.	60.	0.04

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.59	99700.	3.38	29483.	8624.	8.57	0.0230	3536.	29.	0.32
MILE 420.49	603.06	102267.	3.37	30332.	4452.	7.08	0.0230	1236.	24.	0.23
MILE 416.28	602.07	102805.	3.55	28954.	3997.	7.24	0.0270	1233.	23.	0.23
MILE 412.08	600.63	103565.	3.15	32871.	3060.	7.43	0.0270	1236.	24.	0.17
MILE 407.88	599.28	104443.	3.17	32966.	3266.	7.59	0.0270	1236.	23.	0.18
MILE 403.67	598.27	105591.	3.29	32125.	2254.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.37	106876.	2.44	43805.	8564.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.66	108193.	2.92	36993.	11592.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.96	109684.	2.43	45130.	2541.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.52	110884.	1.90	58289.	5103.	5.76	0.0210	1036.	36.	0.10
MILE 382.64	595.15	112169.	1.48	75583.	9418.	5.95	0.0210	1033.	32.	0.09
MILE 378.44	594.87	113865.	1.84	62027.	12097.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.70	116141.	1.14	101843.	13823.	6.42	0.0210	1036.	36.	0.07
MILE 370.03	594.58	118322.	1.06	111591.	8055.	6.92	0.0210	1036.	45.	0.05
MILE 365.82	594.40	119741.	0.95	125603.	7651.	6.80	0.0210	1033.	41.	0.04
MILE 361.62	594.31	121248.	1.06	114064.	12519.	7.79	0.0210	1036.	49.	0.06
MILE 357.41	594.24	123219.	0.90	136709.	23711.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.19	126458.	1.15	110016.	6642.	9.19	0.0230	1036.	57.	0.05
MILE 349.00	594.05	128189.	1.11	114997.	3821.	9.69	0.0240	1036.	60.	0.04

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.61	99700.	3.38	29509.	8640.	8.57	0.0230	3510.	29.	0.32
MILE 420.49	603.09	102459.	3.37	30373.	4462.	7.08	0.0230	1236.	24.	0.23
MILE 416.28	602.09	103139.	3.56	28991.	4006.	7.25	0.0270	1233.	23.	0.23
MILE 412.08	600.65	103955.	3.16	32902.	3064.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.29	104856.	3.18	32986.	3270.	7.60	0.0270	1236.	23.	0.18
MILE 403.67	598.28	105987.	3.30	32135.	2256.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.37	107109.	2.45	43806.	8565.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.66	108370.	2.93	36986.	11589.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.96	109829.	2.43	45114.	2541.	7.57	0.0220	1136.	29.	0.10
MILE 386.85	595.51	111052.	1.91	58253.	5103.	5.76	0.0210	1036.	36.	0.10
MILE 382.64	595.14	112373.	1.49	75529.	9410.	5.95	0.0210	1033.	32.	0.09
MILE 378.44	594.86	114052.	1.84	61964.	12091.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.69	115834.	1.14	101780.	13817.	6.42	0.0210	1036.	36.	0.07
MILE 370.03	594.57	117869.	1.06	111528.	8051.	6.92	0.0210	1036.	45.	0.05
MILE 365.82	594.38	119763.	0.95	125508.	7648.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.29	122365.	1.07	113978.	12509.	7.79	0.0210	1036.	49.	0.06
MILE 357.41	594.23	124358.	0.91	136606.	23692.	7.80	0.0210	1033.	58.	0.07
MILE 353.21	594.18	126150.	1.15	109974.	6639.	9.19	0.0230	1036.	57.	0.05

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MILE 349.00 594.05 127360. 1.11 114997. 3821. 9.69 0.0240 1036. 60. 0.04

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.63	99700.	3.38	29529.	8653.	8.58	0.0230	3488.	29.	0.32
MILE 420.49	603.11	102588.	3.37	30406.	4470.	7.09	0.0230	1236.	24.	0.23
MILE 416.28	602.11	103369.	3.56	29022.	4012.	7.25	0.0270	1233.	23.	0.23
MILE 412.08	600.67	104248.	3.17	32929.	3067.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.30	105182.	3.19	33004.	3275.	7.60	0.0270	1236.	23.	0.18
MILE 403.67	598.29	106317.	3.31	32148.	2258.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.37	107425.	2.45	43813.	8567.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.66	108678.	2.94	36982.	11586.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.95	110088.	2.44	45098.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.50	111247.	1.91	58222.	5103.	5.76	0.0210	1036.	36.	0.10
MILE 382.64	595.13	112472.	1.49	75482.	9402.	5.95	0.0210	1033.	32.	0.09
MILE 378.44	594.85	114037.	1.84	61907.	12085.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.68	116346.	1.14	101699.	13809.	6.41	0.0210	1036.	36.	0.07
MILE 370.03	594.56	118568.	1.06	111443.	8045.	6.92	0.0210	1036.	45.	0.05
MILE 365.82	594.37	119999.	0.96	125416.	7645.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.28	121402.	1.07	113926.	12503.	7.78	0.0210	1036.	49.	0.06
MILE 357.41	594.22	122738.	0.90	136559.	23684.	7.79	0.0210	1033.	58.	0.07
MILE 353.21	594.18	124042.	1.13	109954.	6637.	9.19	0.0230	1036.	57.	0.05
MILE 349.00	594.05	125101.	1.09	114997.	3821.	9.69	0.0240	1036.	60.	0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.64	99700.	3.37	29545.	8663.	8.58	0.0230	3466.	29.	0.32
MILE 420.49	603.13	102680.	3.37	30433.	4476.	7.09	0.0230	1236.	24.	0.23
MILE 416.28	602.13	103541.	3.56	29046.	4018.	7.25	0.0270	1233.	23.	0.23
MILE 412.08	600.68	104478.	3.17	32951.	3069.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.31	105456.	3.19	33021.	3278.	7.60	0.0270	1236.	23.	0.18
MILE 403.67	598.29	106605.	3.31	32159.	2259.	7.64	0.0240	1233.	25.	0.15
MILE 399.47	597.37	107723.	2.46	43821.	8570.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.66	108957.	2.95	36980.	11585.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.95	110295.	2.45	45087.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.50	111465.	1.92	58194.	5102.	5.76	0.0210	1036.	36.	0.10
MILE 382.64	595.12	112751.	1.49	75433.	9394.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.84	114373.	1.85	61843.	12079.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.67	116012.	1.14	101638.	13802.	6.41	0.0210	1036.	36.	0.07

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MILE 370.03	594.55	117594.	1.06	111396.	8042.	6.91	0.0210	1036.	45.	0.05
MILE 365.82	594.37	118837.	0.95	125382.	7644.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.28	120072.	1.05	113910.	12501.	7.78	0.0210	1036.	49.	0.06
MILE 357.41	594.22	121212.	0.89	136547.	23682.	7.79	0.0210	1033.	58.	0.07
MILE 353.21	594.17	122213.	1.11	109947.	6637.	9.19	0.0230	1036.	57.	0.05
MILE 349.00	594.05	123255.	1.07	114997.	3821.	9.69	0.0240	1036.	60.	0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.66	99700.	3.37	29558.	8672.	8.58	0.0230	3448.	29.	0.32
MILE 420.49	603.14	102749.	3.37	30454.	4482.	7.09	0.0230	1236.	24.	0.23
MILE 416.28	602.14	103677.	3.57	29067.	4022.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.69	104664.	3.17	32970.	3071.	7.44	0.0270	1236.	24.	0.17
MILE 407.88	599.32	105682.	3.20	33034.	3281.	7.60	0.0270	1236.	23.	0.18
MILE 403.67	598.30	106842.	3.32	32169.	2261.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.37	107960.	2.46	43829.	8572.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.65	109201.	2.95	36978.	11583.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.94	110572.	2.45	45074.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.49	111700.	1.92	58165.	5102.	5.76	0.0210	1036.	36.	0.10
MILE 382.64	595.12	112860.	1.50	75393.	9388.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.83	114157.	1.85	61806.	12075.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.66	115444.	1.14	101605.	13799.	6.41	0.0210	1036.	36.	0.07
MILE 370.03	594.55	116629.	1.05	111372.	8041.	6.91	0.0210	1036.	45.	0.05
MILE 365.82	594.36	117736.	0.94	125369.	7643.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.28	118870.	1.04	113905.	12501.	7.78	0.0210	1036.	49.	0.06
MILE 357.41	594.22	120009.	0.88	136543.	23681.	7.79	0.0210	1033.	58.	0.06
MILE 353.21	594.17	121201.	1.10	109944.	6637.	9.19	0.0230	1036.	57.	0.05
MILE 349.00	594.05	122273.	1.06	114997.	3821.	9.69	0.0240	1036.	60.	0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.67	99700.	3.37	29569.	8679.	8.58	0.0230	3431.	29.	0.32
MILE 420.49	603.15	102804.	3.37	30472.	4486.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.15	103786.	3.57	29083.	4026.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.70	104814.	3.18	32985.	3073.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.33	105867.	3.20	33046.	3284.	7.60	0.0270	1236.	23.	0.18
MILE 403.67	598.30	107040.	3.33	32177.	2262.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.37	108188.	2.47	43835.	8574.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.65	109424.	2.96	36976.	11582.	9.55	0.0220	1233.	38.	0.29

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MILE 391.06	595.94	110703.	2.46	45067.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.49	111774.	1.92	58150.	5102.	5.75	0.0210	1036.	36.	0.10
MILE 382.64	595.11	112857.	1.50	75373.	9384.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.83	113975.	1.84	61787.	12073.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.66	115046.	1.13	101590.	13797.	6.41	0.0210	1036.	36.	0.07
MILE 370.03	594.54	116125.	1.04	111360.	8040.	6.91	0.0210	1036.	45.	0.05
MILE 365.82	594.36	117216.	0.94	125361.	7643.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.28	118419.	1.04	113897.	12500.	7.78	0.0210	1036.	49.	0.06
MILE 357.41	594.21	120003.	0.88	136519.	23677.	7.79	0.0210	1033.	58.	0.06
MILE 353.21	594.16	122665.	1.12	109909.	6634.	9.19	0.0230	1036.	57.	0.05
MILE 349.00	594.03	124237.	1.08	114921.	3821.	9.69	0.0240	1036.	60.	0.03

ODATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.67	99700.	3.37	29578.	8684.	8.59	0.0230	3413.	29.	0.32
MILE 420.49	603.16	102846.	3.37	30487.	4489.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.16	103874.	3.57	29097.	4029.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.71	104937.	3.18	32998.	3075.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.33	106022.	3.21	33056.	3286.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.31	107205.	3.33	32184.	2263.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.37	108347.	2.47	43841.	8576.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.65	109558.	2.96	36976.	11582.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.94	110767.	2.46	45064.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.49	111798.	1.92	58145.	5102.	5.75	0.0210	1036.	36.	0.10
MILE 382.64	595.11	112835.	1.50	75365.	9383.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.83	113883.	1.84	61779.	12072.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.66	115002.	1.13	101579.	13796.	6.41	0.0210	1036.	36.	0.07
MILE 370.03	594.54	116374.	1.05	111340.	8039.	6.91	0.0210	1036.	45.	0.05
MILE 365.82	594.36	117882.	0.94	125312.	7641.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.27	119870.	1.05	113845.	12494.	7.78	0.0210	1036.	49.	0.06
MILE 357.41	594.20	121495.	0.89	136453.	23665.	7.79	0.0210	1033.	58.	0.07
MILE 353.21	594.16	123096.	1.12	109882.	6632.	9.19	0.0230	1036.	57.	0.05
MILE 349.00	594.03	124248.	1.08	114921.	3821.	9.69	0.0240	1036.	60.	0.03

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.68	99600.	3.37	29582.	8687.	8.59	0.0230	3396.	29.	0.32
MILE 420.49	603.17	102822.	3.37	30497.	4492.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.17	103923.	3.57	29108.	4031.	7.26	0.0270	1233.	23.	0.23

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MILE 412.08	600.71	105031.	3.18	33009.	3076.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.34	106143.	3.21	33064.	3288.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.31	107329.	3.33	32190.	2264.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.38	108452.	2.47	43848.	8578.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.65	109644.	2.97	36977.	11583.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.94	110811.	2.46	45064.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.49	111834.	1.92	58143.	5102.	5.75	0.0210	1036.	36.	0.10
MILE 382.64	595.11	112889.	1.50	75359.	9382.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.83	114068.	1.85	61763.	12071.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.65	115799.	1.14	101543.	13792.	6.41	0.0210	1036.	36.	0.07
MILE 370.03	594.53	117506.	1.06	111295.	8036.	6.91	0.0210	1036.	45.	0.05
MILE 365.82	594.35	118757.	0.95	125255.	7640.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.26	120096.	1.06	113806.	12490.	7.78	0.0210	1036.	49.	0.06
MILE 357.41	594.19	121982.	0.89	136393.	23655.	7.79	0.0210	1033.	58.	0.07
MILE 353.21	594.14	125277.	1.14	109819.	6627.	9.18	0.0230	1036.	57.	0.05
MILE 349.00	594.00	127038.	1.11	114807.	3820.	9.68	0.0240	1036.	60.	0.04

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.68	99600.	3.37	29586.	8689.	8.59	0.0230	3377.	29.	0.32
MILE 420.49	603.17	102836.	3.37	30505.	4494.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.17	103956.	3.57	29115.	4033.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.72	105087.	3.18	33016.	3077.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.34	106223.	3.21	33070.	3289.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.31	107415.	3.34	32195.	2265.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.38	108531.	2.47	43855.	8581.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.65	109719.	2.97	36979.	11584.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.94	110908.	2.46	45063.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.48	111983.	1.93	58135.	5102.	5.75	0.0210	1036.	36.	0.10
MILE 382.64	595.11	113134.	1.50	75339.	9379.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.82	114470.	1.85	61732.	12068.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.65	115932.	1.14	101508.	13789.	6.41	0.0210	1036.	36.	0.07
MILE 370.03	594.53	117740.	1.06	111253.	8034.	6.91	0.0210	1036.	45.	0.05
MILE 365.82	594.34	119570.	0.96	125172.	7637.	6.79	0.0210	1033.	41.	0.04
MILE 361.62	594.24	122324.	1.08	113717.	12479.	7.77	0.0210	1036.	49.	0.06
MILE 357.41	594.17	125459.	0.92	136245.	23628.	7.79	0.0210	1033.	58.	0.07
MILE 353.21	594.11	130866.	1.19	109696.	6617.	9.18	0.0230	1036.	57.	0.05
MILE 349.00	593.95	133301.	1.16	114617.	3818.	9.67	0.0240	1036.	59.	0.04

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.68	99600.	3.37	29590.	8692.	8.59	0.0230	3358.	29.	0.32
MILE 420.49	603.18	102845.	3.37	30511.	4495.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.18	103985.	3.57	29122.	4034.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.72	105133.	3.18	33022.	3077.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.34	106281.	3.21	33075.	3290.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.31	107478.	3.34	32200.	2266.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.38	108613.	2.48	43862.	8583.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.66	109828.	2.97	36979.	11584.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.94	111095.	2.47	45058.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.48	112173.	1.93	58121.	5102.	5.75	0.0210	1036.	36.	0.10
MILE 382.64	595.10	113306.	1.50	75315.	9375.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.81	114696.	1.86	61696.	12064.	5.41	0.0210	1033.	38.	0.14
MILE 374.23	594.64	117025.	1.15	101437.	13782.	6.40	0.0210	1036.	36.	0.07
MILE 370.03	594.51	119905.	1.08	111148.	8027.	6.90	0.0210	1036.	45.	0.05
MILE 365.82	594.31	122393.	0.98	124980.	7630.	6.78	0.0210	1033.	41.	0.04
MILE 361.62	594.21	126146.	1.11	113544.	12460.	7.77	0.0210	1036.	49.	0.06
MILE 357.41	594.13	129553.	0.95	136019.	23588.	7.79	0.0210	1033.	58.	0.07
MILE 353.21	594.08	134270.	1.23	109566.	6606.	9.17	0.0230	1036.	57.	0.05
MILE 349.00	593.92	136338.	1.19	114503.	3817.	9.67	0.0240	1036.	59.	0.04

ODATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.68	99500.	3.36	29589.	8692.	8.59	0.0230	3340.	29.	0.32
MILE 420.49	603.18	102792.	3.37	30515.	4496.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.18	103985.	3.57	29126.	4035.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.72	105162.	3.18	33027.	3078.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.35	106330.	3.21	33080.	3291.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.32	107539.	3.34	32204.	2266.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.38	108718.	2.48	43866.	8584.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.65	109950.	2.97	36979.	11584.	9.55	0.0220	1233.	38.	0.29
MILE 391.06	595.94	111246.	2.47	45051.	2540.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.48	112402.	1.93	58101.	5101.	5.75	0.0210	1036.	36.	0.10
MILE 382.64	595.09	113716.	1.51	75270.	9368.	5.94	0.0210	1033.	32.	0.09
MILE 378.44	594.80	115630.	1.88	61613.	12056.	5.41	0.0210	1033.	38.	0.15
MILE 374.23	594.61	118949.	1.17	101305.	13768.	6.40	0.0210	1036.	36.	0.08
MILE 370.03	594.48	122561.	1.10	110992.	8017.	6.90	0.0210	1036.	44.	0.05
MILE 365.82	594.28	124923.	1.00	124760.	7623.	6.77	0.0210	1033.	41.	0.04
MILE 361.62	594.18	127865.	1.13	113383.	12441.	7.76	0.0210	1036.	49.	0.07
MILE 357.41	594.11	130118.	0.96	135849.	23557.	7.78	0.0210	1033.	58.	0.07
MILE 353.21	594.06	131989.	1.21	109495.	6601.	9.17	0.0230	1036.	57.	0.05
MILE 349.00	593.92	133158.	1.16	114502.	3817.	9.67	0.0240	1036.	59.	0.04

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Appendix J		Checked	WBB

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	604.68	99500.	3.36	29590.	8692.	8.59	0.0230	3323. 29. 0.32
MILE 420.49	603.18	102784.	3.37	30517.	4497.	7.10	0.0230	1236. 24. 0.23
MILE 416.28	602.18	103981.	3.57	29129.	4036.	7.26	0.0270	1233. 23. 0.23
MILE 412.08	600.73	105174.	3.18	33031.	3078.	7.45	0.0270	1236. 24. 0.17
MILE 407.88	599.35	106367.	3.22	33083.	3292.	7.61	0.0270	1236. 23. 0.18
MILE 403.67	598.32	107589.	3.34	32206.	2266.	7.64	0.0240	1233. 25. 0.16
MILE 399.47	597.38	108811.	2.48	43867.	8584.	7.25	0.0220	1236. 33. 0.19
MILE 395.26	596.65	110088.	2.98	36976.	11582.	9.55	0.0220	1233. 38. 0.29
MILE 391.06	595.93	111575.	2.48	45033.	2539.	7.56	0.0220	1136. 29. 0.10
MILE 386.85	595.47	112865.	1.94	58056.	5101.	5.75	0.0210	1036. 36. 0.10
MILE 382.64	595.08	114372.	1.52	75187.	9355.	5.93	0.0210	1033. 32. 0.09
MILE 378.44	594.78	116633.	1.90	61496.	12044.	5.41	0.0210	1033. 38. 0.15
MILE 374.23	594.59	119738.	1.18	101163.	13753.	6.39	0.0210	1036. 36. 0.08
MILE 370.03	594.46	122647.	1.11	110863.	8009.	6.89	0.0210	1036. 44. 0.05
MILE 365.82	594.26	124269.	1.00	124635.	7619.	6.77	0.0210	1033. 41. 0.04
MILE 361.62	594.17	125614.	1.11	113324.	12435.	7.76	0.0210	1036. 49. 0.06
MILE 357.41	594.10	126008.	0.93	135833.	23555.	7.78	0.0210	1033. 58. 0.07
MILE 353.21	594.07	124004.	1.13	109536.	6604.	9.17	0.0230	1036. 57. 0.05
MILE 349.00	593.96	124011.	1.08	114654.	3819.	9.67	0.0240	1036. 59. 0.03

0DATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	604.68	99500.	3.36	29591.	8693.	8.59	0.0230	3307. 29. 0.32
MILE 420.49	603.18	102777.	3.37	30519.	4497.	7.10	0.0230	1236. 24. 0.23
MILE 416.28	602.18	103984.	3.57	29131.	4036.	7.26	0.0270	1233. 23. 0.23
MILE 412.08	600.73	105189.	3.18	33033.	3078.	7.45	0.0270	1236. 24. 0.17
MILE 407.88	599.35	106401.	3.22	33084.	3292.	7.61	0.0270	1236. 23. 0.18
MILE 403.67	598.32	107639.	3.34	32206.	2266.	7.64	0.0240	1233. 25. 0.16
MILE 399.47	597.38	108958.	2.48	43862.	8583.	7.25	0.0220	1236. 33. 0.19
MILE 395.26	596.65	110322.	2.98	36968.	11577.	9.55	0.0220	1233. 38. 0.29
MILE 391.06	595.92	112014.	2.49	45005.	2539.	7.56	0.0220	1136. 29. 0.10
MILE 386.85	595.45	113353.	1.95	57994.	5100.	5.74	0.0210	1036. 36. 0.10
MILE 382.64	595.06	114826.	1.53	75093.	9340.	5.93	0.0210	1033. 32. 0.10
MILE 378.44	594.76	116800.	1.90	61395.	12034.	5.41	0.0210	1033. 38. 0.15
MILE 374.23	594.58	118635.	1.17	101076.	13744.	6.39	0.0210	1036. 36. 0.08
MILE 370.03	594.46	119759.	1.08	110823.	8007.	6.89	0.0210	1036. 44. 0.05
MILE 365.82	594.27	120174.	0.96	124681.	7621.	6.77	0.0210	1033. 41. 0.04

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MILE 361.62	594.18	119644.	1.06	113405.	12444.	7.76	0.0210	1036.	49.	0.06
MILE 357.41	594.12	119740.	0.88	135949.	23575.	7.79	0.0210	1033.	58.	0.06
MILE 353.21	594.08	119840.	1.09	109579.	6607.	9.17	0.0230	1036.	57.	0.05
MILE 349.00	593.96	120706.	1.05	114655.	3819.	9.67	0.0240	1036.	59.	0.03

ODATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.66	98600.	3.34	29564.	8675.	8.58	0.0230	3291.	29.	0.32
MILE 420.49	603.17	102259.	3.35	30504.	4493.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.18	103797.	3.56	29126.	4035.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.73	105160.	3.18	33032.	3078.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.35	106442.	3.22	33083.	3292.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.32	107712.	3.34	32203.	2266.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.38	109156.	2.49	43848.	8578.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.64	110576.	2.99	36956.	11570.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	595.91	112283.	2.50	44976.	2538.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.44	113532.	1.96	57943.	5099.	5.74	0.0210	1036.	36.	0.10
MILE 382.64	595.05	114757.	1.53	75033.	9330.	5.92	0.0210	1033.	32.	0.10
MILE 378.44	594.76	115944.	1.89	61359.	12031.	5.41	0.0210	1033.	38.	0.15
MILE 374.23	594.58	115943.	1.15	101090.	13746.	6.39	0.0210	1036.	36.	0.07
MILE 370.03	594.46	115848.	1.04	110869.	8010.	6.89	0.0210	1036.	44.	0.05
MILE 365.82	594.28	116602.	0.93	124772.	7624.	6.77	0.0210	1033.	41.	0.04
MILE 361.62	594.20	117307.	1.03	113469.	12451.	7.76	0.0210	1036.	49.	0.06
MILE 357.41	594.14	117283.	0.86	136040.	23592.	7.79	0.0210	1033.	58.	0.06
MILE 353.21	594.10	115591.	1.05	109667.	6614.	9.18	0.0230	1036.	57.	0.05
MILE 349.00	594.00	115764.	1.01	114807.	3820.	9.68	0.0240	1036.	59.	0.03

ODATE 3-24-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.66	98900.	3.35	29562.	8674.	8.58	0.0230	3275.	29.	0.32
MILE 420.49	603.17	102341.	3.36	30495.	4491.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.17	103683.	3.56	29115.	4033.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.72	105026.	3.18	33022.	3077.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.34	106405.	3.22	33076.	3291.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.31	107729.	3.35	32195.	2265.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.37	109277.	2.49	43826.	8571.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.64	110691.	3.00	36944.	11562.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	595.90	112207.	2.50	44961.	2538.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.43	113260.	1.96	57927.	5099.	5.74	0.0210	1036.	36.	0.10

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MILE 382.64	595.05	114166.	1.52	75032.	9330.	5.92	0.0210	1033.	32.	0.09
MILE 378.44	594.76	114778.	1.87	61386.	12033.	5.41	0.0210	1033.	38.	0.15
MILE 374.23	594.59	115116.	1.14	101127.	13749.	6.39	0.0210	1036.	36.	0.07
MILE 370.03	594.47	115006.	1.04	110916.	8013.	6.90	0.0210	1036.	44.	0.05
MILE 365.82	594.29	115010.	0.92	124878.	7627.	6.78	0.0210	1033.	41.	0.04
MILE 361.62	594.22	114019.	1.00	113578.	12464.	7.77	0.0210	1036.	49.	0.06
MILE 357.41	594.16	113446.	0.83	136188.	23618.	7.79	0.0210	1033.	58.	0.06
MILE 353.21	594.12	112345.	1.02	109752.	6621.	9.18	0.0230	1036.	57.	0.04
MILE 349.00	594.02	112720.	0.98	114883.	3820.	9.69	0.0240	1036.	60.	0.03

0DATE 3-25-73 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW DEPTH FROUDE

MILE 424.70	604.65	98900.	3.35	29557.	8671.	8.58	0.0230	3260.	29.	0.32
MILE 420.49	603.16	102310.	3.36	30487.	4490.	7.10	0.0230	1236.	24.	0.23
MILE 416.28	602.17	103664.	3.56	29108.	4031.	7.26	0.0270	1233.	23.	0.23
MILE 412.08	600.72	105012.	3.18	33014.	3076.	7.45	0.0270	1236.	24.	0.17
MILE 407.88	599.34	106377.	3.22	33067.	3289.	7.61	0.0270	1236.	23.	0.18
MILE 403.67	598.31	107693.	3.35	32185.	2263.	7.64	0.0240	1233.	25.	0.16
MILE 399.47	597.36	109209.	2.49	43802.	8564.	7.25	0.0220	1236.	33.	0.19
MILE 395.26	596.63	110550.	2.99	36936.	11557.	9.55	0.0220	1233.	38.	0.30
MILE 391.06	595.90	111843.	2.49	44960.	2538.	7.56	0.0220	1136.	29.	0.10
MILE 386.85	595.44	112846.	1.95	57937.	5099.	5.74	0.0210	1036.	36.	0.10
MILE 382.64	595.05	113758.	1.52	75058.	9334.	5.92	0.0210	1033.	32.	0.09
MILE 378.44	594.77	114323.	1.86	61427.	12037.	5.41	0.0210	1033.	38.	0.15
MILE 374.23	594.60	113748.	1.12	101209.	13758.	6.39	0.0210	1036.	36.	0.07
MILE 370.03	594.49	113024.	1.02	111019.	8019.	6.90	0.0210	1036.	44.	0.05
MILE 365.82	594.32	113184.	0.91	125027.	7632.	6.78	0.0210	1033.	41.	0.04
MILE 361.62	594.24	113017.	0.99	113681.	12475.	7.77	0.0210	1036.	49.	0.06
MILE 357.41	594.17	113675.	0.83	136281.	23635.	7.79	0.0210	1033.	58.	0.06
MILE 353.21	594.13	115485.	1.05	109765.	6622.	9.18	0.0230	1036.	57.	0.05
MILE 349.00	594.00	116885.	1.02	114807.	3820.	9.68	0.0240	1036.	60.	0.03

1 Mar 1973 Flood - Guntersville - Local Inflow Hydrographs

THE COMPUTATION STARTED ON 3-10-73 AT TIME 0.00 AND TERMINATED ON 3-25-73 AT TIME 0.00

THE MAXIMUM ELEVATIONS, DISCHARGES, VELOCITIES ARE:

	EL(FT)	DAY	TIME	Q(CFS)	DAY	TIME	V(FPS)	DAY	TIME
MILE 424.70	618.52	18	3.00	252900.	17	19.01	5.12	16	14.01
MILE 420.49	616.69	18	3.21	272867.	18	1.61	4.27	16	14.99
MILE 416.28	614.88	18	3.86	276483.	18	3.00	4.34	16	21.90

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MILE 412.08	612.21	18	4.93	280213.	18	3.55	4.85	18	0.50
MILE 407.88	610.04	18	13.78	283809.	18	4.15	4.17	17	4.50
MILE 403.67	607.78	18	16.18	287668.	18	4.54	4.14	16	17.60
MILE 399.47	605.64	18	18.25	289106.	18	11.71	3.49	18	3.28
MILE 395.26	603.55	18	19.54	292673.	18	11.29	5.66	18	4.47
MILE 391.06	601.87	18	19.37	296115.	18	21.75	4.73	18	7.09
MILE 386.85	600.72	18	19.24	298121.	18	21.61	3.72	18	7.04
MILE 382.64	599.76	18	18.97	300210.	18	21.25	3.01	18	21.88
MILE 378.44	598.84	18	18.43	303517.	18	20.62	3.65	18	20.91
MILE 374.23	598.28	18	17.90	308029.	18	19.75	2.48	18	19.86
MILE 370.03	597.85	18	17.46	312492.	18	19.51	2.38	18	19.60
MILE 365.82	597.20	18	17.11	315640.	18	19.32	2.17	18	19.39
MILE 361.62	596.82	18	16.80	319796.	18	18.68	2.52	18	18.94
MILE 357.41	596.54	18	16.46	324843.	18	18.34	2.14	18	18.48
MILE 353.21	596.33	18	16.11	333473.	18	17.61	2.82	18	17.63
MILE 349.00	595.72	18	11.00	337177.	18	17.68	2.80	18	17.70

19 LOCATIONS LISTED

1 DISCHARGES AT DOWNSTREAM END OF CHANNEL 1; RM = 349.00

DATE TIME DISCHARGE

3-10-73	0.0	21311.
	1.0	23199.
	2.0	25075.
	3.0	29541.
	4.0	37241.
	5.0	44239.
	6.0	39174.
	7.0	33118.
	8.0	28479.
	9.0	24492.
	10.0	21169.
	11.0	18938.
	12.0	18196.
	13.0	18502.
	14.0	18901.
	15.0	19143.
	16.0	19819.
	17.0	20630.
	18.0	21306.
	19.0	21624.
	20.0	21898.
	21.0	22095.
	22.0	22162.
	23.0	21983.
	24.0	21803.
3-11-73	1.0	21637.

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2.0	21504.
3.0	21347.
4.0	21229.
5.0	21174.
6.0	21174.
7.0	21175.
8.0	21190.
9.0	21224.
10.0	21268.
11.0	21302.
12.0	21321.
13.0	21336.
14.0	21347.
15.0	21350.
16.0	21344.
17.0	21336.
18.0	21328.
19.0	21322.
20.0	21314.
21.0	21309.
22.0	21306.
23.0	21305.
24.0	21305.
3-12-73	1.0 21306.
2.0	21307.
3.0	21309.
4.0	21311.
5.0	21312.
6.0	21313.
7.0	21313.
8.0	21313.
9.0	21313.
10.0	21312.
11.0	21312.
12.0	21312.
13.0	21311.
14.0	21311.
15.0	21311.
16.0	21311.
17.0	21311.
18.0	21311.
19.0	21311.
20.0	21311.
21.0	21311.
22.0	21311.
23.0	21311.
24.0	21311.
3-13-73	1.0 21311.
2.0	21311.
3.0	21311.
4.0	21311.

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5.0	21311.
6.0	21311.
7.0	21311.
8.0	21311.
9.0	21311.
10.0	21311.
11.0	21311.
12.0	21311.
13.0	21311.
14.0	21311.
15.0	21311.
16.0	21311.
17.0	21311.
18.0	21311.
19.0	21311.
20.0	21311.
21.0	21311.
22.0	21311.
23.0	21311.
24.0	21311.
3-14-73	1.0 21311.
2.0	13177.
3.0	9368.
4.0	14872.
5.0	24143.
6.0	30879.
7.0	41545.
8.0	47140.
9.0	57860.
10.0	52577.
11.0	52761.
12.0	55104.
13.0	61548.
14.0	64242.
15.0	61319.
16.0	56367.
17.0	49546.
18.0	47698.
19.0	46653.
20.0	40278.
21.0	37583.
22.0	44294.
23.0	55831.
24.0	59571.
3-15-73	1.0 60541.
2.0	61131.
3.0	59662.
4.0	56586.
5.0	54189.
6.0	57532.
7.0	73209.

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 236 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

	8.0	56395.
	9.0	44406.
	10.0	42939.
	11.0	49097.
	12.0	53543.
	13.0	53301.
	14.0	51999.
	15.0	55423.
	16.0	61463.
	17.0	71028.
	18.0	47990.
	19.0	33210.
	20.0	38282.
	21.0	52336.
	22.0	65495.
	23.0	72070.
	24.0	72213.
3-16-73	1.0	68037.
	2.0	71817.
	3.0	74423.
	4.0	78181.
	5.0	85000.
	6.0	107436.
	7.0	125777.
	8.0	160789.
	9.0	179603.
	10.0	219325.
	11.0	229593.
	12.0	200650.
	13.0	195204.
	14.0	187166.
	15.0	185088.
	16.0	189258.
	17.0	196495.
	18.0	195870.
	19.0	194750.
	20.0	198485.
	21.0	205271.
	22.0	199460.
	23.0	199398.
	24.0	188204.
3-17-73	1.0	202147.
	2.0	199577.
	3.0	202188.
	4.0	210209.
	5.0	213039.
	6.0	215798.
	7.0	214632.
	8.0	217877.
	9.0	224858.
	10.0	228926.

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 237 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

11.0	226768.
12.0	243495.
13.0	255476.
14.0	263963.
15.0	269510.
16.0	269787.
17.0	269443.
18.0	266710.
19.0	269069.
20.0	273762.
21.0	269977.
22.0	273158.
23.0	278227.
24.0	280984.
3-18-73	1.0 281519.
2.0	281921.
3.0	285892.
4.0	288784.
5.0	288425.
6.0	293295.
7.0	294126.
8.0	291357.
9.0	295588.
10.0	300672.
11.0	301934.
12.0	313035.
13.0	312957.
14.0	309982.
15.0	310233.
16.0	309184.
17.0	333485.
18.0	336498.
19.0	327081.
20.0	322274.
21.0	321500.
22.0	322246.
23.0	320668.
24.0	321990.
3-19-73	1.0 322539.
2.0	322503.
3.0	323342.
4.0	326148.
5.0	323219.
6.0	319627.
7.0	321142.
8.0	323054.
9.0	321890.
10.0	318113.
11.0	316814.
12.0	318279.
13.0	308993.

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 238 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

14.0	310888.
15.0	312778.
16.0	306751.
17.0	306533.
18.0	308761.
19.0	305831.
20.0	305146.
21.0	307106.
22.0	303214.
23.0	300545.
24.0	299747.
3-20-73	1.0 301000.
2.0	301668.
3.0	301435.
4.0	300645.
5.0	297465.
6.0	293109.
7.0	295525.
8.0	298232.
9.0	293162.
10.0	281006.
11.0	280844.
12.0	278858.
13.0	273348.
14.0	265790.
15.0	244935.
16.0	237158.
17.0	239245.
18.0	246768.
19.0	243057.
20.0	247839.
21.0	246008.
22.0	247290.
23.0	248893.
24.0	246027.
3-21-73	1.0 243143.
2.0	242959.
3.0	237156.
4.0	232674.
5.0	236150.
6.0	236523.
7.0	236925.
8.0	235920.
9.0	220949.
10.0	201785.
11.0	201611.
12.0	207466.
13.0	187232.
14.0	159848.
15.0	146806.
16.0	151657.

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 239 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

	17.0	159505.
	18.0	162164.
	19.0	163136.
	20.0	164835.
	21.0	173440.
	22.0	167699.
	23.0	167428.
	24.0	166679.
3-22-73	1.0	167094.
	2.0	167188.
	3.0	168137.
	4.0	164790.
	5.0	165516.
	6.0	166305.
	7.0	169775.
	8.0	165490.
	9.0	161714.
	10.0	157155.
	11.0	161856.
	12.0	160637.
	13.0	166480.
	14.0	162717.
	15.0	159495.
	16.0	139112.
	17.0	133570.
	18.0	135346.
	19.0	143198.
	20.0	143420.
	21.0	142033.
	22.0	139836.
	23.0	139254.
	24.0	137666.
3-23-73	1.0	138417.
	2.0	137164.
	3.0	137631.
	4.0	136167.
	5.0	133965.
	6.0	134707.
	7.0	137707.
	8.0	136241.
	9.0	133230.
	10.0	137557.
	11.0	137063.
	12.0	136230.
	13.0	124652.
	14.0	130016.
	15.0	130047.
	16.0	127813.
	17.0	118239.
	18.0	119408.
	19.0	123546.

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 240 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

20.0 124827.
21.0 124180.
22.0 123982.
23.0 125169.
24.0 125172.
3-24-73 1.0 121725.
2.0 120554.
3.0 126306.
4.0 124787.
5.0 122362.
6.0 124254.
7.0 127260.
8.0 126306.
9.0 128189.
10.0 127360.
11.0 125101.
12.0 123255.
13.0 122273.
14.0 124237.
15.0 124248.
16.0 127038.
17.0 133301.
18.0 136338.
19.0 133158.
20.0 124011.
21.0 120706.
22.0 115764.
23.0 112720.
24.0 116885.

RUN BEGINS ON APR 23, 2009, 10:10:32.62 AM
RUN ENDS ON APR 23, 2009, 10:10:37.62 AM

Guntersville_Calibrate_Mar1973.prt

TRM 424.7 (Below Nickajack)

361 361
595.97 595.97 595.94 595.78 595.70 595.65 595.61 595.58 595.56 595.55
595.53 595.51 595.49 595.49 595.49 595.50 595.50 595.51 595.52 595.52
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595.43 595.43 595.40 595.41 595.96 596.25 597.12 597.40 597.58 597.68
597.75 597.84 597.90 597.92 597.93 597.94 597.94 597.92 597.97 597.99
598.02 598.04 598.06 598.09 598.11 598.13 598.15 598.17 598.24 598.29

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 241 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

598.31 598.35 598.36 598.36 598.40 598.44 598.49 598.54 598.61 598.69
598.99 599.28 599.84 600.30 600.75 601.26 601.85 602.22 602.88 603.98
604.52 604.90 605.46 605.83 606.19 606.47 607.48 608.49 609.10 610.06
610.68 611.22 611.72 612.27 612.75 613.26 613.78 614.18 614.64 615.04
615.37 615.87 616.18 616.42 616.64 616.81 616.96 617.22 617.38 617.67
617.75 617.84 617.91 617.97 618.01 618.05 618.08 618.12 618.30 618.35
618.41 618.45 618.48 618.50 618.51 618.52 618.49 618.43 618.40 618.44
618.45 618.44 618.44 618.44 618.43 618.42 618.41 618.40 618.39 618.37
618.36 618.33 618.31 618.22 618.10 618.02 617.95 617.90 617.84 617.79
617.74 617.73 617.64 617.52 617.44 617.37 617.30 617.10 616.99 616.90
616.70 616.55 616.44 616.30 616.15 616.03 615.88 615.73 615.65 615.55
615.47 615.31 615.11 614.98 614.78 614.64 614.52 614.39 614.29 614.03
613.86 613.72 613.60 613.49 613.37 612.96 612.54 612.10 611.75 611.51
611.28 611.07 610.88 610.72 610.53 610.38 610.23 610.11 609.99 609.77
609.63 609.49 609.38 609.28 608.97 608.78 608.63 608.48 608.39 608.11
607.93 607.61 607.39 607.20 607.02 606.86 606.73 606.60 606.49 606.39
606.30 606.23 606.16 606.14 606.05 605.99 605.95 605.92 605.88 605.85
605.76 605.71 605.66 605.58 605.51 605.45 605.40 605.36 605.26 605.21
605.16 605.11 605.07 605.05 605.04 605.02 604.99 604.97 604.95 604.93
604.91 604.90 604.87 604.86 604.85 604.84 604.83 604.81 604.80 604.80
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41500. 42400. 42700. 42400. 42400. 42400. 42400. 42000. 43200. 43200.
43200. 43000. 43000. 43200. 43200. 43200. 43200. 43500. 44600. 45200.
44900. 45200. 44900. 44600. 45200. 45500. 45500. 45500. 45500. 45500.
50100. 52900. 61700. 66000. 69900. 75400. 82100. 81800. 92500. 115400.
113900. 111800. 118800. 116800. 116500. 114400. 144700. 162500. 160200. 180600.
178400. 178400. 178800. 184100. 184100. 189400. 195600. 195600. 201700. 203900.
204200. 220500. 220500. 219400. 219600. 219300. 219900. 230900. 231500. 244400.
237500. 237800. 237800. 237800. 237800. 237800. 238300. 240600. 252900. 250900.
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238100. 241000. 235800. 230400. 230400. 230400. 230400. 219100. 219400. 219100.
210200. 208900. 208900. 206100. 203000. 203000. 200000. 197200. 199600. 199400.
199600. 193600. 187500. 187500. 181700. 182000. 182300. 181300. 182300. 172100.
171800. 172100. 173100. 173600. 173100. 154700. 143600. 134800. 134500. 137400.
137200. 137500. 137200. 137200. 135100. 135100. 134800. 135100. 134800. 129500.

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 242 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

129500. 129200. 129500. 129500. 119300. 119100. 119600. 119400. 121300. 112400.
 112700. 105000. 105100. 104800. 104500. 103900. 104200. 104200. 104200. 104100.
 104400. 104300. 104300. 105900. 103700. 104000. 104300. 104800. 104500. 104700.
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 97800. 97500. 97500. 98400. 98700. 98700. 98400. 98400. 98400. 98400.
 98400. 98700. 98200. 98400. 98500. 98500. 98500. 98400. 98400. 98700.
 97400. 96200. 93800. 93900. 94900. 94700. 94700. 95100. 95100. 95100.
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 98900.

TRM 420.49

361 361

595.61 595.57 595.50 595.37 595.28 595.23 595.19 595.16 595.14 595.12
 595.10 595.08 595.07 595.06 595.07 595.07 595.08 595.09 595.10 595.10
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 597.88 598.11 598.49 598.89 599.29 599.74 600.25 600.68 601.20 601.96
 602.59 603.11 603.65 604.11 604.54 604.91 605.55 606.34 607.03 607.81
 608.50 609.13 609.69 610.24 610.76 611.27 611.78 612.23 612.67 613.10
 613.47 613.88 614.24 614.53 614.77 614.96 615.11 615.31 615.48 615.69
 615.83 615.94 616.03 616.11 616.16 616.21 616.25 616.29 616.39 616.47
 616.54 616.59 616.63 616.65 616.68 616.69 616.69 616.66 616.63 616.64
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 616.59 616.57 616.56 616.51 616.42 616.35 616.28 616.22 616.16 616.11
 616.07 616.04 615.99 615.90 615.83 615.76 615.70 615.57 615.46 615.36
 615.22 615.09 614.97 614.85 614.72 614.60 614.48 614.35 614.24 614.15
 614.06 613.94 613.79 613.65 613.48 613.33 613.19 613.06 612.94 612.77
 612.59 612.43 612.29 612.16 612.04 611.78 611.44 611.05 610.68 610.39
 610.13 609.89 609.68 609.49 609.30 609.12 608.96 608.81 608.67 608.50
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 604.96 604.87 604.78 604.73 604.66 604.59 604.53 604.49 604.45 604.41
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TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 244 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

597.37 597.58 597.86 598.21 598.58 598.98 599.42 599.85 600.27 600.84
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606.85 607.49 608.06 608.59 609.10 609.58 610.05 610.50 610.92 611.33
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612.54 612.45 612.32 612.17 612.03 611.87 611.73 611.60 611.48 611.34
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608.98 608.75 608.53 608.33 608.14 607.96 607.79 607.63 607.49 607.34
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TRM 412.08

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TRM 407.88

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TRM 403.67

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TRM 399.47

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TRM 382.64

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TRM 374.23

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TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 265 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

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Appendix J		Checked	WBB

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TRM 353.21

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 267 of 269
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

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TRM 349 (Above Guntersville)

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix J		Checked	WBB

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 269 of 269
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Appendix J		Checked	WBB

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 1 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

SOCH Input Files, Steady State

Guntersville_Calibrate_May2003.out
SOCH - QA REV1.0 - 03/24/2009

1-----
May 2003 Flood - Guntersville - Local Inflow Hydrographs

THIS RUN STARTS ON 4-29-2003 AT TIME 0.000

IT ENDS ON 5-18-2003 AT TIME 0.000

ALL THE HYDROGRAPHS
START ON 4-29-2003 AT TIME 0.000

THE COMPUTATION TIME STEP IS 5. SECONDS
THE PRINT INTERVAL IS 60. MINUTES
THE COMPLETE RUN LASTS 19.0 DAY(S)

+ THE NON-BOUNDARY LINE POINTS ARE NOT PRINTED

SOCH INPUT DATA ARE READ FROM FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\May 2003\Guntersville_Calibrate_May2003.dat

SOCH OUTPUT LISTING IS WRITTEN TO FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\May 2003\Guntersville_Calibrate_May2003.out

ALL LOCAL INFLOWS ARE READ FROM FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\May 2003\May2003LocalInflowHydrograph_Guntersville.loc

THE MOST D.S. HYDROGRAPH IS SAVED TO FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\May 2003\Guntersville_Calibrate_May2003.sto

THE GEOMETRY IS READ FROM FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\May 2003\GuntersvilleRev4.0.geo

NUMBER OF CHANNEL(S): 1 NUMBER OF JUNCTION(S): 0

+ _____

37 CROSS SECTIONS IN GEOMETRY FILE, EACH WITH 21 ENTRIES
THE COMPUTED ELEVATION FIRST ESTIMATED ABOVE ENTRY 0

CHANNEL 1 HAS 37 NODES, IT IS CHARACTERIZED BY:

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 2 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

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BOUNDARY CONDITIONS PRESCRIBED (AT THE BEGINNING OF RUN):

UPSTREAM: KUBC= 1 (0:ELEVATION; 1:DISCHARGE; 2:RATING TABLE; 3:JUNCTION)

DOWNSTRM: KDBC= 0 (IF A TABLE IS USED, IT IS TABLE NO. 0)

KRULE= 0 (0:NO FIXED RULE OPERATION; 1:FIXED RULE REGULAR; 2:FIXED RULE PMF)

IF A FAILURE OCCURS ,IT IS OF TYPE KTOTFL= 0 (0:FOR PARTIAL FAILURE THEN USE TABLE 4, IF NOT PRESENT, THE RUN WILL STOP;

1:FOR TOTAL FAILURE, DOWNSTREAM CHANNEL NEEDED)

KODEN= 0 (0:MANNING N CONSTANT; 1:VARY WITH ELEVATION; 2:VARY WITH DISCHARGE)

NUTP= 0 (NUMBER OF POINTS IN THE UPSTREAM RATING TABLE)

NDTP= 0 (NUMBER OF POINTS IN THE DOWNSTRM RATING TABLE)

NDTP2= 0 (NO. OF PTS IN THE 2 ND DOWNSTRM RATING TABLE)

NDTP3= 0 (NO. OF PTS IN THE 3 RD DOWNSTRM RATING TABLE)

NDTP4= 0 (NO. OF PTS IN THE 4 TH DOWNSTRM RATING TABLE)

KUFAX= 1 KDFAX= 0 (HOURLY FAX SHEETS DISCHARGES USED RESPECTIVELY US & DS IF KUFAX=1 & KDFAX=1)

KSTRT= 0 (0:STARTING LINES READ WITH DATA; 1:READ FROM FILE NA)

KEND= 0 (0:ENDING LINE NOT SAVED; 1:SAVED IN FILE NA)

THE MODEL HAS A TOTAL NUMBER OF 37 COMPUTATION NODES

+ _____

CHANNEL 1 UPSTREAM MILE: 424.70

REACH LENGTH US TO DS IN FEET

REACH DX

- 1 11088.00
- 2 11141.00
- 3 11088.00
- 4 11141.00
- 5 11035.00
- 6 11141.00
- 7 11088.00
- 8 11088.00
- 9 11141.00
- 10 11088.00
- 11 11088.00
- 12 11088.00

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13 11141.00
14 11088.00
15 11088.00
16 11088.00
17 11141.00
18 11088.00
19 11141.00
20 11088.00
21 11088.00
22 11088.00
23 11088.00
24 11141.00
25 11088.00
26 11088.00
27 11141.00
28 11088.00
29 11088.00
30 11088.00
31 11141.00
32 11088.00
33 11088.00
34 11088.00
35 11141.00
36 11088.00

THE GEOMETRY IS USED AS PRESENT IN THE FILE: 37 NODES, ONE AT EACH SECTION

SELECTED HYDROGRAPH FILES ARE SAVED TO FILE F:\34\34107\3410702\SOCH Calibrations\Guntersville SOCH Calibration\Final Calc Graphs\RevC\May 2003\Guntersville_Calibrate_May2003.prt

ALL THE HYDROGRAPHS START ON 4-29-2003 AT TIME 0.000 SKIP 0.0 HOURS

+ _____

UPSTREAM BOUNDARY DISCHARGES OF CHANNEL 1 GIVEN AS HOURLY AVERAGES FOR 19 DAYS:

DAY HOUR1 HOUR2 HOUR3 HOUR4 HOUR5 HOUR6 HOUR7 HOUR8 HOUR9 HOUR10 HOUR11
HOUR12

1 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493.
36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493.

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2 36493.

3 36493.

4 36493.

5 13788. 9936. 3404. 0. 1976. 9811. 11693. 19827. 19920. 19933. 19915. 19933. 28216. 39469. 52075. 58027. 48091. 40849. 36678. 24858. 17199. 17000. 18242. 19596.

6 17338. 9793. 409. 0. 0. 0. 8900. 13288. 18148. 19977. 19964. 19918. 19849. 19889. 19879. 19931. 19941. 20003. 19942. 19870. 21053. 33638. 40910. 39423.

7 32292. 5689. 0. 0. 0. 486. 15664. 39414. 42284. 42111. 41806. 65232. 65110. 64985. 64884. 53284. 38354. 35882. 30429. 26417. 26447. 26479. 31816. 47526.

8 53680. 53615. 53561. 59791. 68793. 85260. 98238. 133148. 138106. 137470. 134673. 128254. 157744. 159931. 159864. 170291. 191042. 191908. 202528. 214714. 217105. 224759. 224345. 223738.

9 215166. 207304. 207621. 207571. 210297. 212841. 220942. 236465. 249907. 255351. 255035. 254812. 254697. 254788. 254602. 254504. 254980. 255969. 256739. 259806. 262381. 262580. 264929. 274653.

10 269242. 267071. 258676. 249482. 249508. 249465. 249611. 252516. 255313. 260907. 266393. 266076. 265919. 265603. 264425. 265688. 265520. 265372. 265131. 261107. 251769. 248938. 249763. 250118.

11 249748. 233031. 231398. 231441. 231617. 231988. 231791. 232001. 232562. 232920. 232882. 235885. 234379. 234480. 234622. 234567. 234719. 235095. 235466. 235657. 235643. 235724. 235655. 229854.

12 218796. 218211. 219047. 208503. 203596. 204023. 199119. 199492. 199860. 200494. 201157. 201693. 202361. 203081. 203685. 204164. 204591. 205064. 205428. 193628. 181863. 179929. 180994. 181627.

13 181821. 181632. 181299. 180858. 180469. 179941. 177285. 172662. 170603. 170747. 166228. 156742. 152776. 153746. 154483. 155027. 155227. 155354. 155542. 155813. 155787. 155803. 155815. 155728.

14 153667. 136047. 136716. 136753. 136759. 136758. 136837. 137007. 135431. 132676. 132565. 132377. 132194. 132189. 132189. 132125. 132244. 132329. 132413. 132591. 132752. 132972. 133108. 133051.

15 132835. 132511. 123097. 119022. 116100. 116091. 116171. 116372. 116571. 116893. 139979. 123294. 128849. 129656. 130165. 131324. 131628. 136020. 135796. 134869. 130954. 130933. 130735. 120753.

16 118862. 118750. 108730. 104178. 99618. 86157. 86740. 87027. 87444. 87138. 86441. 86748. 108159. 92960. 96446. 101189. 101128. 101039. 100949. 100887. 100777. 110132. 117068. 100383.

17 100084. 99473. 99216. 94344. 84368. 77248. 77789. 77985. 78179. 78402. 78616. 78810. 79070. 79334. 79428. 92295. 94847. 94651. 94385. 94065. 93814. 93643. 93451. 91031.

18 84444. 84473. 84463. 73847. 70563. 70796. 70936. 71094. 69247. 64275. 64374. 64616. 68824. 70314. 79761. 87537. 87595. 87504. 87297. 87182. 87011. 86805. 86719. 75275.

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19 71658. 71614. 71577. 71441. 71242. 67401. 61118. 58465. 58482. 58610. 62280. 64062.
64137. 64264. 67070. 69775. 71268. 74100. 74073. 74016. 73971. 73974. 73960. 73956.

PRESCRIBED DOWNSTREAM BOUNDARY, CHANNEL 1

ELEVATION HOURS DAY TIME

594.56	0.00	29	0.00
594.56	96.00	2	24.00
594.61	97.00	3	1.00
594.63	98.00	3	2.00
594.63	99.00	3	3.00
594.66	100.00	3	4.00
594.65	101.00	3	5.00
594.60	102.00	3	6.00
594.53	103.00	3	7.00
594.46	104.00	3	8.00
594.39	105.00	3	9.00
594.35	106.00	3	10.00
594.35	107.00	3	11.00
594.39	108.00	3	12.00
594.36	109.00	3	13.00
594.38	110.00	3	14.00
594.32	111.00	3	15.00
594.26	112.00	3	16.00
594.43	113.00	3	17.00
594.39	114.00	3	18.00
594.45	115.00	3	19.00
594.50	116.00	3	20.00
594.56	117.00	3	21.00
594.60	118.00	3	22.00
594.61	119.00	3	23.00
594.63	120.00	3	24.00
594.63	121.00	4	1.00
594.63	122.00	4	2.00
594.61	123.00	4	3.00
594.60	124.00	4	4.00
594.63	125.00	4	5.00
594.64	126.00	4	6.00
594.58	127.00	4	7.00
594.49	128.00	4	8.00
594.42	129.00	4	9.00
594.39	130.00	4	10.00
594.36	131.00	4	11.00
594.34	132.00	4	12.00
594.34	133.00	4	13.00
594.34	134.00	4	14.00
594.35	135.00	4	15.00
594.34	136.00	4	16.00
594.27	137.00	4	17.00

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594.35	138.00	4	18.00
594.28	139.00	4	19.00
594.27	140.00	4	20.00
594.43	141.00	4	21.00
594.36	142.00	4	22.00
594.34	143.00	4	23.00
594.29	144.00	4	24.00
594.27	145.00	5	1.00
594.30	146.00	5	2.00
594.33	147.00	5	3.00
594.39	148.00	5	4.00
594.37	149.00	5	5.00
594.20	150.00	5	6.00
594.01	151.00	5	7.00
594.15	152.00	5	8.00
594.00	153.00	5	9.00
594.09	154.00	5	10.00
594.03	155.00	5	11.00
594.10	156.00	5	12.00
594.12	157.00	5	13.00
594.28	158.00	5	14.00
594.16	159.00	5	15.00
594.25	160.00	5	16.00
594.35	161.00	5	17.00
594.44	162.00	5	18.00
594.53	163.00	5	19.00
594.48	164.00	5	20.00
594.45	165.00	5	21.00
594.48	166.00	5	22.00
594.52	167.00	5	23.00
594.57	168.00	5	24.00
594.57	169.00	6	1.00
594.50	170.00	6	2.00
594.53	171.00	6	3.00
594.39	172.00	6	4.00
594.39	173.00	6	5.00
594.53	174.00	6	6.00
594.58	175.00	6	7.00
594.59	176.00	6	8.00
594.61	177.00	6	9.00
594.30	178.00	6	10.00
594.53	179.00	6	11.00
594.70	180.00	6	12.00
594.73	181.00	6	13.00
594.96	182.00	6	14.00
595.05	183.00	6	15.00
594.93	184.00	6	16.00
595.02	185.00	6	17.00
594.99	186.00	6	18.00
595.07	187.00	6	19.00
595.02	188.00	6	20.00

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595.02	189.00	6	21.00
595.02	190.00	6	22.00
594.90	191.00	6	23.00
594.84	192.00	6	24.00
594.86	193.00	7	1.00
594.88	194.00	7	2.00
594.86	195.00	7	3.00
594.84	196.00	7	4.00
594.88	197.00	7	5.00
594.83	198.00	7	6.00
594.86	199.00	7	7.00
594.90	200.00	7	8.00
595.02	201.00	7	9.00
594.88	202.00	7	10.00
594.92	203.00	7	11.00
594.80	204.00	7	12.00
594.77	205.00	7	13.00
594.83	206.00	7	14.00
594.82	207.00	7	15.00
594.76	208.00	7	16.00
594.72	209.00	7	17.00
594.73	210.00	7	18.00
594.72	211.00	7	19.00
594.71	212.00	7	20.00
594.68	213.00	7	21.00
594.59	214.00	7	22.00
594.54	215.00	7	23.00
594.57	216.00	7	24.00
594.60	217.00	8	1.00
594.58	218.00	8	2.00
594.58	219.00	8	3.00
594.60	220.00	8	4.00
594.63	221.00	8	5.00
594.60	222.00	8	6.00
594.71	223.00	8	7.00
594.75	224.00	8	8.00
594.75	225.00	8	9.00
594.72	226.00	8	10.00
594.75	227.00	8	11.00
594.82	228.00	8	12.00
594.84	229.00	8	13.00
594.85	230.00	8	14.00
594.86	231.00	8	15.00
594.85	232.00	8	16.00
594.82	233.00	8	17.00
594.87	234.00	8	18.00
594.87	235.00	8	19.00
594.86	236.00	8	20.00
594.87	237.00	8	21.00
594.87	238.00	8	22.00
594.88	239.00	8	23.00

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594.86	240.00	8	24.00
594.84	241.00	9	1.00
594.89	242.00	9	2.00
594.86	243.00	9	3.00
594.86	244.00	9	4.00
594.87	245.00	9	5.00
594.82	246.00	9	6.00
594.85	247.00	9	7.00
594.84	248.00	9	8.00
594.89	249.00	9	9.00
594.81	250.00	9	10.00
594.87	251.00	9	11.00
594.84	252.00	9	12.00
594.83	253.00	9	13.00
594.81	254.00	9	14.00
594.72	255.00	9	15.00
594.72	256.00	9	16.00
594.70	257.00	9	17.00
594.67	258.00	9	18.00
594.67	259.00	9	19.00
594.65	260.00	9	20.00
594.65	261.00	9	21.00
594.62	262.00	9	22.00
594.56	263.00	9	23.00
594.57	264.00	9	24.00
594.52	265.00	10	1.00
594.48	266.00	10	2.00
594.45	267.00	10	3.00
594.41	268.00	10	4.00
594.38	269.00	10	5.00
594.41	270.00	10	6.00
594.40	271.00	10	7.00
594.38	272.00	10	8.00
594.32	273.00	10	9.00
594.29	274.00	10	10.00
594.40	275.00	10	11.00
594.45	276.00	10	12.00
594.51	277.00	10	13.00
594.52	278.00	10	14.00
594.61	279.00	10	15.00
594.71	280.00	10	16.00
594.73	281.00	10	17.00
594.75	282.00	10	18.00
594.74	283.00	10	19.00
594.72	284.00	10	20.00
594.69	285.00	10	21.00
594.70	286.00	10	22.00
594.69	287.00	10	23.00
594.70	288.00	10	24.00
594.68	289.00	11	1.00
594.66	290.00	11	2.00

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594.69	291.00	11	3.00
594.65	292.00	11	4.00
594.64	293.00	11	5.00
594.58	294.00	11	6.00
594.56	295.00	11	7.00
594.59	296.00	11	8.00
594.61	297.00	11	9.00
594.58	298.00	11	10.00
594.54	299.00	11	11.00
594.63	300.00	11	12.00
594.59	301.00	11	13.00
594.66	302.00	11	14.00
594.67	303.00	11	15.00
594.68	304.00	11	16.00
594.63	305.00	11	17.00
594.64	306.00	11	18.00
594.65	307.00	11	19.00
594.62	308.00	11	20.00
594.55	309.00	11	21.00
594.56	310.00	11	22.00
594.49	311.00	11	23.00
594.45	312.00	11	24.00
594.40	313.00	12	1.00
594.38	314.00	12	2.00
594.33	315.00	12	3.00
594.25	316.00	12	4.00
594.18	317.00	12	5.00
594.20	318.00	12	6.00
594.22	319.00	12	7.00
594.18	320.00	12	8.00
594.15	321.00	12	9.00
594.05	322.00	12	10.00
594.03	323.00	12	11.00
594.01	324.00	12	12.00
594.07	325.00	12	13.00
594.04	326.00	12	14.00
594.07	327.00	12	15.00
594.14	328.00	12	16.00
594.15	329.00	12	17.00
594.18	330.00	12	18.00
594.17	331.00	12	19.00
594.18	332.00	12	20.00
594.17	333.00	12	21.00
594.16	334.00	12	22.00
594.17	335.00	12	23.00
594.14	336.00	12	24.00
594.14	337.00	13	1.00
594.11	338.00	13	2.00
594.07	339.00	13	3.00
594.02	340.00	13	4.00
594.01	341.00	13	5.00

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594.01	342.00	13	6.00
594.01	343.00	13	7.00
594.02	344.00	13	8.00
594.00	345.00	13	9.00
593.99	346.00	13	10.00
594.00	347.00	13	11.00
594.00	348.00	13	12.00
594.05	349.00	13	13.00
594.07	350.00	13	14.00
594.10	351.00	13	15.00
594.12	352.00	13	16.00
594.09	353.00	13	17.00
594.13	354.00	13	18.00
594.06	355.00	13	19.00
594.03	356.00	13	20.00
594.02	357.00	13	21.00
594.00	358.00	13	22.00
593.98	359.00	13	23.00
593.98	360.00	13	24.00
594.02	361.00	14	1.00
594.07	362.00	14	2.00
594.12	363.00	14	3.00
594.17	364.00	14	4.00
594.22	365.00	14	5.00
594.27	366.00	14	6.00
594.32	367.00	14	7.00
594.37	368.00	14	8.00
594.42	369.00	14	9.00
594.45	370.00	14	10.00
594.48	371.00	14	11.00
594.52	372.00	14	12.00
594.55	373.00	14	13.00
594.58	374.00	14	14.00
594.61	375.00	14	15.00
594.35	376.00	14	16.00
594.28	377.00	14	17.00
594.24	378.00	14	18.00
594.22	379.00	14	19.00
594.20	380.00	14	20.00
594.18	381.00	14	21.00
594.16	382.00	14	22.00
594.14	383.00	14	23.00
594.12	384.00	14	24.00
594.08	385.00	15	1.00
594.08	386.00	15	2.00
594.04	387.00	15	3.00
594.02	388.00	15	4.00
594.00	389.00	15	5.00
594.00	390.00	15	6.00
593.97	391.00	15	7.00
593.96	392.00	15	8.00

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593.95	393.00	15	9.00
593.94	394.00	15	10.00
594.01	395.00	15	11.00
594.07	396.00	15	12.00
594.06	397.00	15	13.00
594.09	398.00	15	14.00
594.12	399.00	15	15.00
594.14	400.00	15	16.00
594.17	401.00	15	17.00
594.17	402.00	15	18.00
594.17	403.00	15	19.00
594.18	404.00	15	20.00
594.17	405.00	15	21.00
594.19	406.00	15	22.00
594.21	407.00	15	23.00
594.23	408.00	15	24.00
594.25	409.00	16	1.00
594.29	410.00	16	2.00
594.31	411.00	16	3.00
594.34	412.00	16	4.00
594.36	413.00	16	5.00
594.38	414.00	16	6.00
594.39	415.00	16	7.00
594.36	416.00	16	8.00
594.36	417.00	16	9.00
594.40	418.00	16	10.00
594.42	419.00	16	11.00
594.41	420.00	16	12.00
594.41	421.00	16	13.00
594.51	422.00	16	14.00
594.31	423.00	16	15.00
594.49	424.00	16	16.00
594.45	425.00	16	17.00
594.40	426.00	16	18.00
594.39	427.00	16	19.00
594.36	428.00	16	20.00
594.38	429.00	16	21.00
594.39	430.00	16	22.00
594.40	431.00	16	23.00
594.43	432.00	16	24.00
594.44	433.00	17	1.00
594.44	434.00	17	2.00
594.45	435.00	17	3.00
594.46	436.00	17	4.00
594.45	437.00	17	5.00
594.46	438.00	17	6.00
594.49	439.00	17	7.00
594.51	440.00	17	8.00
594.46	441.00	17	9.00
594.46	442.00	17	10.00
594.45	443.00	17	11.00

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594.44 444.00 17 12.00
 594.34 445.00 17 13.00
 594.37 446.00 17 14.00
 594.38 447.00 17 15.00
 594.40 448.00 17 16.00
 594.49 449.00 17 17.00
 594.46 450.00 17 18.00
 594.45 451.00 17 19.00
 594.42 452.00 17 20.00
 594.48 453.00 17 21.00
 594.43 454.00 17 22.00
 594.53 455.00 17 23.00
 594.45 456.00 17 24.00

ROUGHNESS FACTORS IN CHANNEL 1

0.0230 0.0230 0.0230 0.0230 0.0270 0.0270 0.0270 0.0270
 0.0270 0.0270 0.0240 0.0240 0.0220 0.0220 0.0220 0.0220
 0.0220 0.0220 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210
 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210 0.0210
 0.0210 0.0220 0.0230 0.0240 0.0240 0.0000

NUMBER OF CONCENTRATED LOCALS: 1; NUMBER OF DISTRIBUTED LOCALS: 4

CONCENTRATED LOCAL NO. 1 COMES IN CHANNEL 1 AT MILE 422.700

DISTRIBUTED LOCAL NO. 1 COMES IN CHANNEL 1 BETWEEN MILES 424.700 & 391.060

DISTRIBUTED LOCAL NO. 2 COMES IN CHANNEL 1 BETWEEN MILES 424.690 & 391.060

DISTRIBUTED LOCAL NO. 3 COMES IN CHANNEL 1 BETWEEN MILES 391.060 & 349.000

DISTRIBUTED LOCAL NO. 4 COMES IN CHANNEL 1 BETWEEN MILES 391.070 & 349.000

CONCENTRATED LOCAL INFLOW NO. 1 THIS LOCAL INFLOW OCCURS IN REACH 1

DISCHARGE HOURS DAY TIME

591. 0.00 29 0.00
 591. 2.00 29 2.00
 591. 4.00 29 4.00
 591. 6.00 29 6.00
 591. 8.00 29 8.00
 591. 10.00 29 10.00
 591. 12.00 29 12.00
 591. 14.00 29 14.00
 591. 16.00 29 16.00
 591. 18.00 29 18.00
 591. 20.00 29 20.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 13 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

591. 22.00 29 22.00
 591. 24.00 29 24.00
 591. 26.00 30 2.00
 591. 28.00 30 4.00
 591. 30.00 30 6.00
 591. 32.00 30 8.00
 591. 34.00 30 10.00
 591. 36.00 30 12.00
 591. 38.00 30 14.00
 591. 40.00 30 16.00
 591. 42.00 30 18.00
 591. 44.00 30 20.00
 591. 46.00 30 22.00
 591. 48.00 30 24.00
 591. 50.00 1 2.00
 591. 52.00 1 4.00
 591. 54.00 1 6.00
 591. 56.00 1 8.00
 591. 58.00 1 10.00
 591. 60.00 1 12.00
 591. 62.00 1 14.00
 591. 64.00 1 16.00
 591. 66.00 1 18.00
 591. 68.00 1 20.00
 591. 70.00 1 22.00
 591. 72.00 1 24.00
 591. 74.00 2 2.00
 591. 76.00 2 4.00
 591. 78.00 2 6.00
 591. 80.00 2 8.00
 591. 82.00 2 10.00
 591. 84.00 2 12.00
 591. 86.00 2 14.00
 591. 88.00 2 16.00
 591. 90.00 2 18.00
 591. 92.00 2 20.00
 591. 94.00 2 22.00
 591. 96.00 2 24.00
 580. 98.00 3 2.00
 570. 100.00 3 4.00
 564. 102.00 3 6.00
 554. 104.00 3 8.00
 548. 106.00 3 10.00
 538. 108.00 3 12.00
 531. 110.00 3 14.00
 525. 112.00 3 16.00
 518. 114.00 3 18.00
 515. 116.00 3 20.00
 512. 118.00 3 22.00
 509. 120.00 3 24.00
 512. 122.00 4 2.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 14 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

515.	124.00	4	4.00
515.	126.00	4	6.00
509.	128.00	4	8.00
502.	130.00	4	10.00
502.	132.00	4	12.00
502.	134.00	4	14.00
509.	136.00	4	16.00
515.	138.00	4	18.00
515.	140.00	4	20.00
512.	142.00	4	22.00
509.	144.00	4	24.00
499.	146.00	5	2.00
496.	148.00	5	4.00
486.	150.00	5	6.00
480.	152.00	5	8.00
470.	154.00	5	10.00
464.	156.00	5	12.00
486.	158.00	5	14.00
525.	160.00	5	16.00
635.	162.00	5	18.00
790.	164.00	5	20.00
1305.	166.00	5	22.00
2238.	168.00	5	24.00
3470.	170.00	6	2.00
4493.	172.00	6	4.00
5245.	174.00	6	6.00
5839.	176.00	6	8.00
6495.	178.00	6	10.00
7228.	180.00	6	12.00
8595.	182.00	6	14.00
11458.	184.00	6	16.00
18569.	186.00	6	18.00
24357.	188.00	6	20.00
29563.	190.00	6	22.00
32328.	192.00	6	24.00
33669.	194.00	7	2.00
34196.	196.00	7	4.00
33969.	198.00	7	6.00
33148.	200.00	7	8.00
32033.	202.00	7	10.00
30572.	204.00	7	12.00
28582.	206.00	7	14.00
27111.	208.00	7	16.00
25950.	210.00	7	18.00
24967.	212.00	7	20.00
24271.	214.00	7	22.00
23592.	216.00	7	24.00
23259.	218.00	8	2.00
22929.	220.00	8	4.00
22522.	222.00	8	6.00
21963.	224.00	8	8.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 15 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

21571.	226.00	8	10.00
20879.	228.00	8	12.00
20133.	230.00	8	14.00
19409.	232.00	8	16.00
18569.	234.00	8	18.00
17813.	236.00	8	20.00
17221.	238.00	8	22.00
16364.	240.00	8	24.00
15881.	242.00	9	2.00
15081.	244.00	9	4.00
14631.	246.00	9	6.00
13946.	248.00	9	8.00
13465.	250.00	9	10.00
12828.	252.00	9	12.00
12271.	254.00	9	14.00
11900.	256.00	9	16.00
11458.	258.00	9	18.00
11030.	260.00	9	20.00
10707.	262.00	9	22.00
10215.	264.00	9	24.00
9869.	266.00	10	2.00
9515.	268.00	10	4.00
9111.	270.00	10	6.00
8722.	272.00	10	8.00
8225.	274.00	10	10.00
7791.	276.00	10	12.00
7442.	278.00	10	14.00
7151.	280.00	10	16.00
6777.	282.00	10	18.00
6388.	284.00	10	20.00
5987.	286.00	10	22.00
5617.	288.00	10	24.00
5245.	290.00	11	2.00
4872.	292.00	11	4.00
4530.	294.00	11	6.00
4236.	296.00	11	8.00
3962.	298.00	11	10.00
3705.	300.00	11	12.00
3504.	302.00	11	14.00
3465.	304.00	11	16.00
3476.	306.00	11	18.00
3459.	308.00	11	20.00
3437.	310.00	11	22.00
3398.	312.00	11	24.00
3348.	314.00	12	2.00
3304.	316.00	12	4.00
3260.	318.00	12	6.00
3222.	320.00	12	8.00
3173.	322.00	12	10.00
3125.	324.00	12	12.00
3071.	326.00	12	14.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 16 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

3018.	328.00	12	16.00
2968.	330.00	12	18.00
2904.	332.00	12	20.00
2850.	334.00	12	22.00
2796.	336.00	12	24.00
2737.	338.00	13	2.00
2693.	340.00	13	4.00
2644.	342.00	13	6.00
2600.	344.00	13	8.00
2549.	346.00	13	10.00
2494.	348.00	13	12.00
2444.	350.00	13	14.00
2394.	352.00	13	16.00
2349.	354.00	13	18.00
2304.	356.00	13	20.00
2260.	358.00	13	22.00
2216.	360.00	13	24.00
2176.	362.00	14	2.00
2141.	364.00	14	4.00
2102.	366.00	14	6.00
2067.	368.00	14	8.00
2028.	370.00	14	10.00
1994.	372.00	14	12.00
1959.	374.00	14	14.00
1929.	376.00	14	16.00
1900.	378.00	14	18.00
1875.	380.00	14	20.00
1849.	382.00	14	22.00
1828.	384.00	14	24.00
1808.	386.00	15	2.00
1774.	388.00	15	4.00
1741.	390.00	15	6.00
1711.	392.00	15	8.00
1669.	394.00	15	10.00
1632.	396.00	15	12.00
1586.	398.00	15	14.00
1540.	400.00	15	16.00
1496.	402.00	15	18.00
1456.	404.00	15	20.00
1421.	406.00	15	22.00
1386.	408.00	15	24.00
1352.	410.00	16	2.00
1322.	412.00	16	4.00
1297.	414.00	16	6.00
1276.	416.00	16	8.00
1255.	418.00	16	10.00
1238.	420.00	16	12.00
1226.	422.00	16	14.00
1218.	424.00	16	16.00
1197.	426.00	16	18.00
1177.	428.00	16	20.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 17 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

1157. 430.00 16 22.00
 1137. 432.00 16 24.00
 1121. 434.00 17 2.00
 1105. 436.00 17 4.00
 1093. 438.00 17 6.00
 1082. 440.00 17 8.00
 1070. 442.00 17 10.00
 1058. 444.00 17 12.00
 1058. 446.00 17 14.00
 1054. 448.00 17 16.00
 1054. 450.00 17 18.00
 1062. 452.00 17 20.00
 1086. 454.00 17 22.00
 1129. 456.00 17 24.00

DISTRIBUTED LOCAL INFLOW NO. 1 THIS LOCAL INFLOW OCCURS IN 16 REACHES: 1 THRU 16, 33.64 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 29 0.00
 0. 3.00 29 3.00
 0. 6.00 29 6.00
 0. 9.00 29 9.00
 0. 12.00 29 12.00
 0. 15.00 29 15.00
 0. 18.00 29 18.00
 0. 21.00 29 21.00
 0. 24.00 29 24.00
 0. 27.00 30 3.00
 0. 30.00 30 6.00
 0. 33.00 30 9.00
 0. 36.00 30 12.00
 0. 39.00 30 15.00
 0. 42.00 30 18.00
 0. 45.00 30 21.00
 0. 48.00 30 24.00
 0. 51.00 1 3.00
 0. 54.00 1 6.00
 0. 57.00 1 9.00
 0. 60.00 1 12.00
 0. 63.00 1 15.00
 0. 66.00 1 18.00
 0. 69.00 1 21.00
 0. 72.00 1 24.00
 0. 75.00 2 3.00
 0. 78.00 2 6.00
 0. 81.00 2 9.00
 0. 84.00 2 12.00
 0. 87.00 2 15.00
 0. 90.00 2 18.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 18 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 93.00 2 21.00
 0. 96.00 2 24.00
 0. 99.00 3 3.00
 0. 102.00 3 6.00
 0. 105.00 3 9.00
 0. 108.00 3 12.00
 0. 111.00 3 15.00
 0. 114.00 3 18.00
 0. 117.00 3 21.00
 0. 120.00 3 24.00
 0. 123.00 4 3.00
 0. 126.00 4 6.00
 0. 129.00 4 9.00
 0. 132.00 4 12.00
 0. 135.00 4 15.00
 0. 138.00 4 18.00
 0. 141.00 4 21.00
 2502. 144.00 4 24.00
 2523. 147.00 5 3.00
 2543. 150.00 5 6.00
 2717. 153.00 5 9.00
 2939. 156.00 5 12.00
 3506. 159.00 5 15.00
 4134. 162.00 5 18.00
 5582. 165.00 5 21.00
 6990. 168.00 5 24.00
 10942. 171.00 6 3.00
 15154. 174.00 6 6.00
 23852. 177.00 6 9.00
 32140. 180.00 6 12.00
 41464. 183.00 6 15.00
 47030. 186.00 6 18.00
 49299. 189.00 6 21.00
 45606. 192.00 6 24.00
 43805. 195.00 7 3.00
 42362. 198.00 7 6.00
 45337. 201.00 7 9.00
 48594. 204.00 7 12.00
 50232. 207.00 7 15.00
 47890. 210.00 7 18.00
 43714. 213.00 7 21.00
 38372. 216.00 7 24.00
 33823. 219.00 8 3.00
 29945. 222.00 8 6.00
 26631. 225.00 8 9.00
 24041. 228.00 8 12.00
 21765. 231.00 8 15.00
 20056. 234.00 8 18.00
 18297. 237.00 8 21.00
 17035. 240.00 8 24.00
 15664. 243.00 9 3.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 19 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

14568.	246.00	9	6.00
13548.	249.00	9	9.00
12586.	252.00	9	12.00
11700.	255.00	9	15.00
10941.	258.00	9	18.00
10123.	261.00	9	21.00
9424.	264.00	9	24.00
8756.	267.00	10	3.00
8115.	270.00	10	6.00
7584.	273.00	10	9.00
7058.	276.00	10	12.00
6672.	279.00	10	15.00
6286.	282.00	10	18.00
5952.	285.00	10	21.00
5617.	288.00	10	24.00
5322.	291.00	11	3.00
5027.	294.00	11	6.00
4833.	297.00	11	9.00
4640.	300.00	11	12.00
4483.	303.00	11	15.00
4326.	306.00	11	18.00
4212.	309.00	11	21.00
4098.	312.00	11	24.00
4044.	315.00	12	3.00
3990.	318.00	12	6.00
3937.	321.00	12	9.00
3883.	324.00	12	12.00
3843.	327.00	12	15.00
3802.	330.00	12	18.00
3809.	333.00	12	21.00
3816.	336.00	12	24.00
3834.	339.00	13	3.00
3852.	342.00	13	6.00
3852.	345.00	13	9.00
3852.	348.00	13	12.00
3852.	351.00	13	15.00
3852.	354.00	13	18.00
3852.	357.00	13	21.00
3852.	360.00	13	24.00
3852.	363.00	14	3.00
3852.	366.00	14	6.00
3852.	369.00	14	9.00
3852.	372.00	14	12.00
3852.	375.00	14	15.00
3852.	378.00	14	18.00
3852.	381.00	14	21.00
3852.	384.00	14	24.00
3852.	387.00	15	3.00
3852.	390.00	15	6.00
3852.	393.00	15	9.00
3852.	396.00	15	12.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 20 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

3852. 399.00 15 15.00
 3852. 402.00 15 18.00
 3852. 405.00 15 21.00
 3852. 408.00 15 24.00
 3852. 411.00 16 3.00
 3852. 414.00 16 6.00
 3852. 417.00 16 9.00
 3852. 420.00 16 12.00
 3852. 423.00 16 15.00
 3852. 426.00 16 18.00
 3852. 429.00 16 21.00
 3852. 432.00 16 24.00
 3852. 435.00 17 3.00
 3852. 438.00 17 6.00
 3852. 441.00 17 9.00
 3852. 444.00 17 12.00
 3852. 447.00 17 15.00
 3852. 450.00 17 18.00
 3852. 453.00 17 21.00
 3852. 456.00 17 24.00

DISTRIBUTED LOCAL INFLOW NO. 2 THIS LOCAL INFLOW OCCURS IN 16 REACHES: 1 THRU 16, 33.63 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 29 0.00
 0. 1.00 29 1.00
 0. 2.00 29 2.00
 0. 3.00 29 3.00
 0. 4.00 29 4.00
 0. 5.00 29 5.00
 0. 6.00 29 6.00
 0. 7.00 29 7.00
 0. 8.00 29 8.00
 0. 9.00 29 9.00
 0. 10.00 29 10.00
 0. 11.00 29 11.00
 0. 12.00 29 12.00
 0. 13.00 29 13.00
 0. 14.00 29 14.00
 0. 15.00 29 15.00
 0. 16.00 29 16.00
 0. 17.00 29 17.00
 0. 18.00 29 18.00
 0. 19.00 29 19.00
 0. 20.00 29 20.00
 0. 21.00 29 21.00
 0. 22.00 29 22.00
 0. 23.00 29 23.00
 0. 24.00 29 24.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 21 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 25.00 30 1.00
 0. 26.00 30 2.00
 0. 27.00 30 3.00
 0. 28.00 30 4.00
 0. 29.00 30 5.00
 0. 30.00 30 6.00
 0. 31.00 30 7.00
 0. 32.00 30 8.00
 0. 33.00 30 9.00
 0. 34.00 30 10.00
 0. 35.00 30 11.00
 0. 36.00 30 12.00
 0. 37.00 30 13.00
 0. 38.00 30 14.00
 0. 39.00 30 15.00
 0. 40.00 30 16.00
 0. 41.00 30 17.00
 0. 42.00 30 18.00
 0. 43.00 30 19.00
 0. 44.00 30 20.00
 0. 45.00 30 21.00
 0. 46.00 30 22.00
 0. 47.00 30 23.00
 0. 48.00 30 24.00
 0. 49.00 1 1.00
 0. 50.00 1 2.00
 0. 51.00 1 3.00
 0. 52.00 1 4.00
 0. 53.00 1 5.00
 0. 54.00 1 6.00
 0. 55.00 1 7.00
 0. 56.00 1 8.00
 0. 57.00 1 9.00
 0. 58.00 1 10.00
 0. 59.00 1 11.00
 0. 60.00 1 12.00
 0. 61.00 1 13.00
 0. 62.00 1 14.00
 0. 63.00 1 15.00
 0. 64.00 1 16.00
 0. 65.00 1 17.00
 0. 66.00 1 18.00
 0. 67.00 1 19.00
 0. 68.00 1 20.00
 0. 69.00 1 21.00
 0. 70.00 1 22.00
 0. 71.00 1 23.00
 0. 72.00 1 24.00
 0. 73.00 2 1.00
 0. 74.00 2 2.00
 0. 75.00 2 3.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 22 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 76.00 2 4.00
0. 77.00 2 5.00
0. 78.00 2 6.00
0. 79.00 2 7.00
0. 80.00 2 8.00
0. 81.00 2 9.00
0. 82.00 2 10.00
0. 83.00 2 11.00
0. 84.00 2 12.00
0. 85.00 2 13.00
0. 86.00 2 14.00
0. 87.00 2 15.00
0. 88.00 2 16.00
0. 89.00 2 17.00
0. 90.00 2 18.00
0. 91.00 2 19.00
0. 92.00 2 20.00
0. 93.00 2 21.00
0. 94.00 2 22.00
0. 95.00 2 23.00
0. 96.00 2 24.00
0. 97.00 3 1.00
0. 98.00 3 2.00
0. 99.00 3 3.00
0. 100.00 3 4.00
0. 101.00 3 5.00
0. 102.00 3 6.00
0. 103.00 3 7.00
0. 104.00 3 8.00
0. 105.00 3 9.00
0. 106.00 3 10.00
0. 107.00 3 11.00
0. 108.00 3 12.00
0. 109.00 3 13.00
0. 110.00 3 14.00
0. 111.00 3 15.00
0. 112.00 3 16.00
0. 113.00 3 17.00
0. 114.00 3 18.00
0. 115.00 3 19.00
0. 116.00 3 20.00
0. 117.00 3 21.00
0. 118.00 3 22.00
0. 119.00 3 23.00
0. 120.00 3 24.00
0. 121.00 4 1.00
0. 122.00 4 2.00
0. 123.00 4 3.00
0. 124.00 4 4.00
0. 125.00 4 5.00
0. 126.00 4 6.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 23 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 127.00 4 7.00
 0. 128.00 4 8.00
 0. 129.00 4 9.00
 0. 130.00 4 10.00
 0. 131.00 4 11.00
 0. 132.00 4 12.00
 0. 133.00 4 13.00
 0. 134.00 4 14.00
 0. 135.00 4 15.00
 0. 136.00 4 16.00
 0. 137.00 4 17.00
 0. 138.00 4 18.00
 0. 139.00 4 19.00
 0. 140.00 4 20.00
 0. 141.00 4 21.00
 0. 142.00 4 22.00
 0. 143.00 4 23.00
 0. 144.00 4 24.00
 0. 145.00 5 1.00
 0. 146.00 5 2.00
 0. 147.00 5 3.00
 0. 148.00 5 4.00
 878. 149.00 5 5.00
 7350. 150.00 5 6.00
 2084. 151.00 5 7.00
 219. 152.00 5 8.00
 987. 153.00 5 9.00
 329. 154.00 5 10.00
 1207. 155.00 5 11.00
 1536. 156.00 5 12.00
 1316. 157.00 5 13.00
 1536. 158.00 5 14.00
 219. 159.00 5 15.00
 110. 160.00 5 16.00
 439. 161.00 5 17.00
 329. 162.00 5 18.00
 219. 163.00 5 19.00
 1207. 164.00 5 20.00
 1316. 165.00 5 21.00
 1426. 166.00 5 22.00
 2962. 167.00 5 23.00
 3511. 168.00 5 24.00
 3181. 169.00 6 1.00
 1865. 170.00 6 2.00
 2743. 171.00 6 3.00
 3511. 172.00 6 4.00
 2852. 173.00 6 5.00
 2962. 174.00 6 6.00
 3511. 175.00 6 7.00
 1207. 176.00 6 8.00
 2852. 177.00 6 9.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 24 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

10751. 178.00 6 10.00
 1536. 179.00 6 11.00
 219. 180.00 6 12.00
 219. 181.00 6 13.00
 110. 182.00 6 14.00
 0. 183.00 6 15.00
 0. 184.00 6 16.00
 0. 185.00 6 17.00
 0. 186.00 6 18.00
 0. 187.00 6 19.00
 0. 188.00 6 20.00
 0. 189.00 6 21.00
 0. 190.00 6 22.00
 0. 191.00 6 23.00
 3730. 192.00 6 24.00
 6363. 193.00 7 1.00
 768. 194.00 7 2.00
 110. 195.00 7 3.00
 1207. 196.00 7 4.00
 2523. 197.00 7 5.00
 2852. 198.00 7 6.00
 658. 199.00 7 7.00
 0. 200.00 7 8.00
 0. 201.00 7 9.00
 0. 202.00 7 10.00
 329. 203.00 7 11.00
 1865. 204.00 7 12.00
 658. 205.00 7 13.00
 0. 206.00 7 14.00
 0. 207.00 7 15.00
 0. 208.00 7 16.00
 0. 209.00 7 17.00
 0. 210.00 7 18.00
 0. 211.00 7 19.00
 0. 212.00 7 20.00
 0. 213.00 7 21.00
 0. 214.00 7 22.00
 0. 215.00 7 23.00
 0. 216.00 7 24.00
 0. 217.00 8 1.00
 0. 218.00 8 2.00
 0. 219.00 8 3.00
 0. 220.00 8 4.00
 0. 221.00 8 5.00
 0. 222.00 8 6.00
 0. 223.00 8 7.00
 0. 224.00 8 8.00
 0. 225.00 8 9.00
 0. 226.00 8 10.00
 0. 227.00 8 11.00
 0. 228.00 8 12.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 25 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 229.00 8 13.00
0. 230.00 8 14.00
0. 231.00 8 15.00
0. 232.00 8 16.00
0. 233.00 8 17.00
0. 234.00 8 18.00
0. 235.00 8 19.00
0. 236.00 8 20.00
0. 237.00 8 21.00
0. 238.00 8 22.00
0. 239.00 8 23.00
0. 240.00 8 24.00
0. 241.00 9 1.00
0. 242.00 9 2.00
0. 243.00 9 3.00
0. 244.00 9 4.00
0. 245.00 9 5.00
0. 246.00 9 6.00
0. 247.00 9 7.00
0. 248.00 9 8.00
0. 249.00 9 9.00
0. 250.00 9 10.00
0. 251.00 9 11.00
0. 252.00 9 12.00
0. 253.00 9 13.00
0. 254.00 9 14.00
0. 255.00 9 15.00
0. 256.00 9 16.00
0. 257.00 9 17.00
0. 258.00 9 18.00
0. 259.00 9 19.00
0. 260.00 9 20.00
0. 261.00 9 21.00
0. 262.00 9 22.00
0. 263.00 9 23.00
0. 264.00 9 24.00
0. 265.00 10 1.00
0. 266.00 10 2.00
0. 267.00 10 3.00
0. 268.00 10 4.00
0. 269.00 10 5.00
0. 270.00 10 6.00
0. 271.00 10 7.00
0. 272.00 10 8.00
0. 273.00 10 9.00
0. 274.00 10 10.00
0. 275.00 10 11.00
0. 276.00 10 12.00
0. 277.00 10 13.00
0. 278.00 10 14.00
0. 279.00 10 15.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 26 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 280.00 10 16.00
0. 281.00 10 17.00
0. 282.00 10 18.00
0. 283.00 10 19.00
0. 284.00 10 20.00
0. 285.00 10 21.00
0. 286.00 10 22.00
0. 287.00 10 23.00
0. 288.00 10 24.00
0. 289.00 11 1.00
0. 290.00 11 2.00
0. 291.00 11 3.00
0. 292.00 11 4.00
0. 293.00 11 5.00
0. 294.00 11 6.00
0. 295.00 11 7.00
0. 296.00 11 8.00
0. 297.00 11 9.00
0. 298.00 11 10.00
0. 299.00 11 11.00
0. 300.00 11 12.00
0. 301.00 11 13.00
0. 302.00 11 14.00
0. 303.00 11 15.00
0. 304.00 11 16.00
0. 305.00 11 17.00
0. 306.00 11 18.00
0. 307.00 11 19.00
0. 308.00 11 20.00
0. 309.00 11 21.00
0. 310.00 11 22.00
0. 311.00 11 23.00
0. 312.00 11 24.00
0. 313.00 12 1.00
0. 314.00 12 2.00
0. 315.00 12 3.00
0. 316.00 12 4.00
0. 317.00 12 5.00
0. 318.00 12 6.00
0. 319.00 12 7.00
0. 320.00 12 8.00
0. 321.00 12 9.00
0. 322.00 12 10.00
0. 323.00 12 11.00
0. 324.00 12 12.00
0. 325.00 12 13.00
0. 326.00 12 14.00
0. 327.00 12 15.00
0. 328.00 12 16.00
0. 329.00 12 17.00
0. 330.00 12 18.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 27 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 331.00 12 19.00
0. 332.00 12 20.00
0. 333.00 12 21.00
0. 334.00 12 22.00
0. 335.00 12 23.00
0. 336.00 12 24.00
0. 337.00 13 1.00
0. 338.00 13 2.00
0. 339.00 13 3.00
0. 340.00 13 4.00
0. 341.00 13 5.00
0. 342.00 13 6.00
0. 343.00 13 7.00
0. 344.00 13 8.00
0. 345.00 13 9.00
0. 346.00 13 10.00
0. 347.00 13 11.00
0. 348.00 13 12.00
0. 349.00 13 13.00
0. 350.00 13 14.00
0. 351.00 13 15.00
0. 352.00 13 16.00
0. 353.00 13 17.00
0. 354.00 13 18.00
0. 355.00 13 19.00
0. 356.00 13 20.00
0. 357.00 13 21.00
0. 358.00 13 22.00
0. 359.00 13 23.00
0. 360.00 13 24.00
0. 361.00 14 1.00
0. 362.00 14 2.00
0. 363.00 14 3.00
0. 364.00 14 4.00
0. 365.00 14 5.00
0. 366.00 14 6.00
0. 367.00 14 7.00
0. 368.00 14 8.00
0. 369.00 14 9.00
0. 370.00 14 10.00
0. 371.00 14 11.00
0. 372.00 14 12.00
0. 373.00 14 13.00
0. 374.00 14 14.00
0. 375.00 14 15.00
0. 376.00 14 16.00
0. 377.00 14 17.00
0. 378.00 14 18.00
0. 379.00 14 19.00
0. 380.00 14 20.00
0. 381.00 14 21.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 28 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 382.00 14 22.00
0. 383.00 14 23.00
0. 384.00 14 24.00
0. 385.00 15 1.00
0. 386.00 15 2.00
0. 387.00 15 3.00
0. 388.00 15 4.00
0. 389.00 15 5.00
0. 390.00 15 6.00
0. 391.00 15 7.00
0. 392.00 15 8.00
0. 393.00 15 9.00
0. 394.00 15 10.00
0. 395.00 15 11.00
0. 396.00 15 12.00
0. 397.00 15 13.00
0. 398.00 15 14.00
0. 399.00 15 15.00
0. 400.00 15 16.00
0. 401.00 15 17.00
0. 402.00 15 18.00
0. 403.00 15 19.00
0. 404.00 15 20.00
0. 405.00 15 21.00
0. 406.00 15 22.00
0. 407.00 15 23.00
0. 408.00 15 24.00
0. 409.00 16 1.00
0. 410.00 16 2.00
0. 411.00 16 3.00
0. 412.00 16 4.00
0. 413.00 16 5.00
0. 414.00 16 6.00
0. 415.00 16 7.00
0. 416.00 16 8.00
0. 417.00 16 9.00
0. 418.00 16 10.00
0. 419.00 16 11.00
0. 420.00 16 12.00
0. 421.00 16 13.00
0. 422.00 16 14.00
0. 423.00 16 15.00
0. 424.00 16 16.00
0. 425.00 16 17.00
0. 426.00 16 18.00
0. 427.00 16 19.00
0. 428.00 16 20.00
0. 429.00 16 21.00
0. 430.00 16 22.00
0. 431.00 16 23.00
0. 432.00 16 24.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 29 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 433.00 17 1.00
 0. 434.00 17 2.00
 0. 435.00 17 3.00
 0. 436.00 17 4.00
 0. 437.00 17 5.00
 0. 438.00 17 6.00
 0. 439.00 17 7.00
 0. 440.00 17 8.00
 0. 441.00 17 9.00
 0. 442.00 17 10.00
 0. 443.00 17 11.00
 0. 444.00 17 12.00
 0. 445.00 17 13.00
 0. 446.00 17 14.00
 0. 447.00 17 15.00
 0. 448.00 17 16.00
 0. 449.00 17 17.00
 0. 450.00 17 18.00
 0. 451.00 17 19.00
 0. 452.00 17 20.00
 0. 453.00 17 21.00
 0. 454.00 17 22.00
 0. 455.00 17 23.00
 0. 456.00 17 24.00

DISTRIBUTED LOCAL INFLOW NO. 3 THIS LOCAL INFLOW OCCURS IN 21 REACHES: 16 THRU 36, 42.06 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 29 0.00
 0. 3.00 29 3.00
 0. 6.00 29 6.00
 0. 9.00 29 9.00
 0. 12.00 29 12.00
 0. 15.00 29 15.00
 0. 18.00 29 18.00
 0. 21.00 29 21.00
 0. 24.00 29 24.00
 0. 27.00 30 3.00
 0. 30.00 30 6.00
 0. 33.00 30 9.00
 0. 36.00 30 12.00
 0. 39.00 30 15.00
 0. 42.00 30 18.00
 0. 45.00 30 21.00
 0. 48.00 30 24.00
 0. 51.00 1 3.00
 0. 54.00 1 6.00
 0. 57.00 1 9.00
 0. 60.00 1 12.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 30 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0.	63.00	1	15.00
0.	66.00	1	18.00
0.	69.00	1	21.00
0.	72.00	1	24.00
0.	75.00	2	3.00
0.	78.00	2	6.00
0.	81.00	2	9.00
0.	84.00	2	12.00
0.	87.00	2	15.00
0.	90.00	2	18.00
0.	93.00	2	21.00
0.	96.00	2	24.00
0.	99.00	3	3.00
0.	102.00	3	6.00
0.	105.00	3	9.00
0.	108.00	3	12.00
0.	111.00	3	15.00
0.	114.00	3	18.00
0.	117.00	3	21.00
0.	120.00	3	24.00
0.	123.00	4	3.00
0.	126.00	4	6.00
0.	129.00	4	9.00
0.	132.00	4	12.00
0.	135.00	4	15.00
0.	138.00	4	18.00
0.	141.00	4	21.00
2589.	144.00	4	24.00
2611.	147.00	5	3.00
2633.	150.00	5	6.00
2785.	153.00	5	9.00
3002.	156.00	5	12.00
3767.	159.00	5	15.00
4760.	162.00	5	18.00
6943.	165.00	5	21.00
9437.	168.00	5	24.00
14356.	171.00	6	3.00
19717.	174.00	6	6.00
30203.	177.00	6	9.00
41585.	180.00	6	12.00
52544.	183.00	6	15.00
59651.	186.00	6	18.00
60943.	189.00	6	21.00
55489.	192.00	6	24.00
49176.	195.00	7	3.00
44308.	198.00	7	6.00
41442.	201.00	7	9.00
39557.	204.00	7	12.00
37960.	207.00	7	15.00
36293.	210.00	7	18.00
34196.	213.00	7	21.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 31 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

32593.	216.00	7	24.00
30064.	219.00	8	3.00
27426.	222.00	8	6.00
24333.	225.00	8	9.00
21908.	228.00	8	12.00
19494.	231.00	8	15.00
17843.	234.00	8	18.00
16129.	237.00	8	21.00
15025.	240.00	8	24.00
14020.	243.00	9	3.00
13274.	246.00	9	6.00
12432.	249.00	9	9.00
11826.	252.00	9	12.00
11175.	255.00	9	15.00
10634.	258.00	9	18.00
10097.	261.00	9	21.00
9631.	264.00	9	24.00
9147.	267.00	10	3.00
8729.	270.00	10	6.00
8328.	273.00	10	9.00
7943.	276.00	10	12.00
7547.	279.00	10	15.00
7164.	282.00	10	18.00
6763.	285.00	10	21.00
6361.	288.00	10	24.00
5930.	291.00	11	3.00
5499.	294.00	11	6.00
5184.	297.00	11	9.00
4868.	300.00	11	12.00
4626.	303.00	11	15.00
4384.	306.00	11	18.00
4302.	309.00	11	21.00
4221.	312.00	11	24.00
4160.	315.00	12	3.00
4099.	318.00	12	6.00
4046.	321.00	12	9.00
3994.	324.00	12	12.00
3986.	327.00	12	15.00
3978.	330.00	12	18.00
3976.	333.00	12	21.00
3974.	336.00	12	24.00
3974.	339.00	13	3.00
3974.	342.00	13	6.00
3974.	345.00	13	9.00
3974.	348.00	13	12.00
3974.	351.00	13	15.00
3974.	354.00	13	18.00
3974.	357.00	13	21.00
3974.	360.00	13	24.00
3974.	363.00	14	3.00
3974.	366.00	14	6.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 32 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

3974. 369.00 14 9.00
 3974. 372.00 14 12.00
 3974. 375.00 14 15.00
 3974. 378.00 14 18.00
 3974. 381.00 14 21.00
 3974. 384.00 14 24.00
 3974. 387.00 15 3.00
 3974. 390.00 15 6.00
 3974. 393.00 15 9.00
 3974. 396.00 15 12.00
 3974. 399.00 15 15.00
 3974. 402.00 15 18.00
 3974. 405.00 15 21.00
 3974. 408.00 15 24.00
 3974. 411.00 16 3.00
 3974. 414.00 16 6.00
 3974. 417.00 16 9.00
 3974. 420.00 16 12.00
 3974. 423.00 16 15.00
 3974. 426.00 16 18.00
 3974. 429.00 16 21.00
 3974. 432.00 16 24.00
 3974. 435.00 17 3.00
 3974. 438.00 17 6.00
 3974. 441.00 17 9.00
 3974. 444.00 17 12.00
 3974. 447.00 17 15.00
 3974. 450.00 17 18.00
 3974. 453.00 17 21.00
 3974. 456.00 17 24.00

DISTRIBUTED LOCAL INFLOW NO. 4 THIS LOCAL INFLOW OCCURS IN 21 REACHES: 16 THRU 36, 42.07 MILES

DISCHARGE HOURS DAY TIME

0. 0.00 29 0.00
 0. 1.00 29 1.00
 0. 2.00 29 2.00
 0. 3.00 29 3.00
 0. 4.00 29 4.00
 0. 5.00 29 5.00
 0. 6.00 29 6.00
 0. 7.00 29 7.00
 0. 8.00 29 8.00
 0. 9.00 29 9.00
 0. 10.00 29 10.00
 0. 11.00 29 11.00
 0. 12.00 29 12.00
 0. 13.00 29 13.00
 0. 14.00 29 14.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 33 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 15.00 29 15.00
0. 16.00 29 16.00
0. 17.00 29 17.00
0. 18.00 29 18.00
0. 19.00 29 19.00
0. 20.00 29 20.00
0. 21.00 29 21.00
0. 22.00 29 22.00
0. 23.00 29 23.00
0. 24.00 29 24.00
0. 25.00 30 1.00
0. 26.00 30 2.00
0. 27.00 30 3.00
0. 28.00 30 4.00
0. 29.00 30 5.00
0. 30.00 30 6.00
0. 31.00 30 7.00
0. 32.00 30 8.00
0. 33.00 30 9.00
0. 34.00 30 10.00
0. 35.00 30 11.00
0. 36.00 30 12.00
0. 37.00 30 13.00
0. 38.00 30 14.00
0. 39.00 30 15.00
0. 40.00 30 16.00
0. 41.00 30 17.00
0. 42.00 30 18.00
0. 43.00 30 19.00
0. 44.00 30 20.00
0. 45.00 30 21.00
0. 46.00 30 22.00
0. 47.00 30 23.00
0. 48.00 30 24.00
0. 49.00 1 1.00
0. 50.00 1 2.00
0. 51.00 1 3.00
0. 52.00 1 4.00
0. 53.00 1 5.00
0. 54.00 1 6.00
0. 55.00 1 7.00
0. 56.00 1 8.00
0. 57.00 1 9.00
0. 58.00 1 10.00
0. 59.00 1 11.00
0. 60.00 1 12.00
0. 61.00 1 13.00
0. 62.00 1 14.00
0. 63.00 1 15.00
0. 64.00 1 16.00
0. 65.00 1 17.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 34 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0.	66.00	1	18.00
0.	67.00	1	19.00
0.	68.00	1	20.00
0.	69.00	1	21.00
0.	70.00	1	22.00
0.	71.00	1	23.00
0.	72.00	1	24.00
0.	73.00	2	1.00
0.	74.00	2	2.00
0.	75.00	2	3.00
0.	76.00	2	4.00
0.	77.00	2	5.00
0.	78.00	2	6.00
0.	79.00	2	7.00
0.	80.00	2	8.00
0.	81.00	2	9.00
0.	82.00	2	10.00
0.	83.00	2	11.00
0.	84.00	2	12.00
0.	85.00	2	13.00
0.	86.00	2	14.00
0.	87.00	2	15.00
0.	88.00	2	16.00
0.	89.00	2	17.00
0.	90.00	2	18.00
0.	91.00	2	19.00
0.	92.00	2	20.00
0.	93.00	2	21.00
0.	94.00	2	22.00
0.	95.00	2	23.00
0.	96.00	2	24.00
0.	97.00	3	1.00
0.	98.00	3	2.00
0.	99.00	3	3.00
0.	100.00	3	4.00
0.	101.00	3	5.00
0.	102.00	3	6.00
0.	103.00	3	7.00
0.	104.00	3	8.00
0.	105.00	3	9.00
0.	106.00	3	10.00
0.	107.00	3	11.00
0.	108.00	3	12.00
0.	109.00	3	13.00
0.	110.00	3	14.00
0.	111.00	3	15.00
0.	112.00	3	16.00
0.	113.00	3	17.00
0.	114.00	3	18.00
0.	115.00	3	19.00
0.	116.00	3	20.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 35 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0.	117.00	3	21.00
0.	118.00	3	22.00
0.	119.00	3	23.00
0.	120.00	3	24.00
0.	121.00	4	1.00
0.	122.00	4	2.00
0.	123.00	4	3.00
0.	124.00	4	4.00
0.	125.00	4	5.00
0.	126.00	4	6.00
0.	127.00	4	7.00
0.	128.00	4	8.00
0.	129.00	4	9.00
0.	130.00	4	10.00
0.	131.00	4	11.00
0.	132.00	4	12.00
0.	133.00	4	13.00
0.	134.00	4	14.00
0.	135.00	4	15.00
0.	136.00	4	16.00
0.	137.00	4	17.00
0.	138.00	4	18.00
0.	139.00	4	19.00
0.	140.00	4	20.00
0.	141.00	4	21.00
0.	142.00	4	22.00
0.	143.00	4	23.00
0.	144.00	4	24.00
0.	145.00	5	1.00
0.	146.00	5	2.00
0.	147.00	5	3.00
0.	148.00	5	4.00
0.	149.00	5	5.00
3885.	150.00	5	6.00
16650.	151.00	5	7.00
13875.	152.00	5	8.00
2220.	153.00	5	9.00
4440.	154.00	5	10.00
3330.	155.00	5	11.00
4995.	156.00	5	12.00
6660.	157.00	5	13.00
22199.	158.00	5	14.00
2220.	159.00	5	15.00
555.	160.00	5	16.00
3330.	161.00	5	17.00
1665.	162.00	5	18.00
6105.	163.00	5	19.00
9990.	164.00	5	20.00
8880.	165.00	5	21.00
4995.	166.00	5	22.00
8325.	167.00	5	23.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 36 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

9435.	168.00	5	24.00
8325.	169.00	6	1.00
8880.	170.00	6	2.00
6105.	171.00	6	3.00
21644.	172.00	6	4.00
21644.	173.00	6	5.00
6105.	174.00	6	6.00
2220.	175.00	6	7.00
555.	176.00	6	8.00
3885.	177.00	6	9.00
56054.	178.00	6	10.00
41624.	179.00	6	11.00
20535.	180.00	6	12.00
4440.	181.00	6	13.00
0.	182.00	6	14.00
0.	183.00	6	15.00
0.	184.00	6	16.00
0.	185.00	6	17.00
0.	186.00	6	18.00
0.	187.00	6	19.00
0.	188.00	6	20.00
0.	189.00	6	21.00
0.	190.00	6	22.00
2220.	191.00	6	23.00
9990.	192.00	6	24.00
19980.	193.00	7	1.00
555.	194.00	7	2.00
1110.	195.00	7	3.00
555.	196.00	7	4.00
0.	197.00	7	5.00
0.	198.00	7	6.00
0.	199.00	7	7.00
0.	200.00	7	8.00
0.	201.00	7	9.00
0.	202.00	7	10.00
0.	203.00	7	11.00
3885.	204.00	7	12.00
7215.	205.00	7	13.00
1665.	206.00	7	14.00
2220.	207.00	7	15.00
2775.	208.00	7	16.00
555.	209.00	7	17.00
0.	210.00	7	18.00
0.	211.00	7	19.00
0.	212.00	7	20.00
0.	213.00	7	21.00
0.	214.00	7	22.00
0.	215.00	7	23.00
0.	216.00	7	24.00
0.	217.00	8	1.00
0.	218.00	8	2.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 37 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 219.00 8 3.00
0. 220.00 8 4.00
0. 221.00 8 5.00
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0. 268.00 10 4.00
0. 269.00 10 5.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 38 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 270.00 10 6.00
0. 271.00 10 7.00
0. 272.00 10 8.00
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0. 318.00 12 6.00
0. 319.00 12 7.00
0. 320.00 12 8.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 39 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 321.00 12 9.00
0. 322.00 12 10.00
0. 323.00 12 11.00
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0. 369.00 14 9.00
0. 370.00 14 10.00
0. 371.00 14 11.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 40 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 372.00 14 12.00
0. 373.00 14 13.00
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0. 412.00 16 4.00
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0. 419.00 16 11.00
0. 420.00 16 12.00
0. 421.00 16 13.00
0. 422.00 16 14.00

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 41 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

0. 423.00 16 15.00
 0. 424.00 16 16.00
 0. 425.00 16 17.00
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 0. 455.00 17 23.00
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0THIRD LINE LOCAL INFLOWS

591.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
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THE INITIAL CONDITIONS ARE:

+ _____

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3)

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 42 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 424.70	599.97	36493.	1.51	24152.	5170.	7.63
MILE 420.49	598.59	37084.	1.59	23283.	2730.	6.05
MILE 416.28	597.85	37084.	1.63	22778.	2578.	6.35
MILE 412.08	597.26	37084.	1.35	27465.	2437.	6.71
MILE 407.88	596.75	37084.	1.28	28916.	2352.	7.07
MILE 403.67	596.46	37084.	1.28	28873.	1753.	7.43
MILE 399.47	595.99	37084.	0.96	38586.	6792.	7.52
MILE 395.26	595.51	37084.	1.06	34905.	10268.	9.51
MILE 391.06	594.98	37084.	0.87	42474.	2496.	7.46
MILE 386.85	594.90	37084.	0.67	55685.	5055.	5.61
MILE 382.64	594.84	37084.	0.50	73967.	9223.	5.87
MILE 378.44	594.74	37084.	0.61	61254.	12020.	5.41
MILE 374.23	594.67	37084.	0.36	101643.	13803.	6.41
MILE 370.03	594.64	37084.	0.33	111951.	8077.	6.94
MILE 365.82	594.63	37084.	0.29	127237.	7705.	6.84
MILE 361.62	594.61	37084.	0.32	115630.	12697.	7.85
MILE 357.41	594.59	37084.	0.27	138942.	24106.	7.83
MILE 353.21	594.57	37084.	0.33	111533.	6764.	9.27
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80

TIME 0.0014 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3)

MILE 422.60	599.14	37084.	1.81	20448.	3436.	6.47
MILE 418.39	598.22	37084.	1.59	23329.	2508.	8.22
MILE 414.19	597.52	37084.	1.30	28624.	2534.	6.17
MILE 409.98	596.99	37084.	1.27	29234.	2950.	6.95
MILE 405.77	596.59	37084.	1.19	31034.	1754.	8.66
MILE 401.57	596.26	37084.	0.97	38055.	6486.	6.51
MILE 397.36	595.82	37084.	0.99	37519.	4281.	7.65
MILE 393.16	595.12	37084.	0.96	38642.	8254.	6.77
MILE 388.95	594.95	37084.	0.69	54091.	4299.	6.21
MILE 384.74	594.87	37084.	0.59	62583.	4629.	5.94
MILE 380.54	594.80	37084.	0.54	68926.	9719.	6.85
MILE 376.34	594.69	37084.	0.40	91906.	13355.	6.12
MILE 372.13	594.65	37084.	0.33	112862.	13987.	6.62
MILE 367.92	594.63	37084.	0.36	102068.	7791.	6.01
MILE 363.72	594.62	37084.	0.31	119988.	12462.	7.71
MILE 359.51	594.60	37084.	0.26	139980.	11504.	7.31
MILE 355.31	594.58	37084.	0.22	168844.	18503.	8.81
MILE 351.10	594.56	37084.	0.40	92028.	5315.	9.60

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.24	36493.	1.56	23324.	4625.	7.48	0.0230	591.	23.	0.12
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TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 43 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 420.49	598.41	42688.	1.85	23016.	2664.	6.01	0.0230	0.	19.	0.11
MILE 416.28	598.09	48412.	2.09	23114.	2658.	6.41	0.0270	0.	19.	0.13
MILE 412.08	597.33	49788.	1.81	27571.	2450.	6.72	0.0270	0.	21.	0.09
MILE 407.88	596.65	52917.	1.84	28763.	2317.	7.05	0.0270	0.	20.	0.09
MILE 403.67	596.26	56994.	2.00	28519.	1697.	7.41	0.0240	0.	23.	0.09
MILE 399.47	595.81	73843.	1.95	37936.	6559.	7.57	0.0220	0.	32.	0.14
MILE 395.26	595.55	74031.	2.12	34974.	10312.	9.51	0.0220	0.	37.	0.20
MILE 391.06	595.25	65235.	1.51	43186.	2509.	7.49	0.0220	0.	29.	0.06
MILE 386.85	595.10	58774.	1.04	56520.	5083.	5.65	0.0210	0.	36.	0.05
MILE 382.64	594.86	53493.	0.72	74057.	9230.	5.88	0.0210	0.	32.	0.04
MILE 378.44	594.74	46794.	0.76	61294.	12024.	5.41	0.0210	0.	38.	0.06
MILE 374.23	594.71	45813.	0.45	101917.	13831.	6.42	0.0210	0.	36.	0.03
MILE 370.03	594.68	45150.	0.40	112167.	8090.	6.94	0.0210	0.	45.	0.02
MILE 365.82	594.63	44582.	0.35	127284.	7706.	6.84	0.0210	0.	41.	0.02
MILE 361.62	594.60	43158.	0.37	115603.	12694.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.59	42174.	0.30	138967.	24111.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.58	42836.	0.38	111554.	6766.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	42526.	0.36	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.98	36493.	1.59	23020.	4425.	7.42	0.0230	591.	23.	0.12
MILE 420.49	598.22	41284.	1.82	22709.	2588.	5.96	0.0230	0.	19.	0.11
MILE 416.28	597.83	45740.	2.01	22746.	2570.	6.35	0.0270	0.	19.	0.12
MILE 412.08	597.11	50770.	1.86	27227.	2409.	6.67	0.0270	0.	21.	0.10
MILE 407.88	596.48	56828.	1.99	28494.	2255.	7.01	0.0270	0.	20.	0.10
MILE 403.67	596.11	58471.	2.07	28259.	1655.	7.39	0.0240	0.	23.	0.09
MILE 399.47	595.77	58540.	1.55	37774.	6500.	7.58	0.0220	0.	32.	0.11
MILE 395.26	595.51	61839.	1.77	34896.	10262.	9.51	0.0220	0.	37.	0.17
MILE 391.06	595.22	67487.	1.57	43102.	2508.	7.48	0.0220	0.	29.	0.07
MILE 386.85	595.07	68966.	1.22	56392.	5082.	5.64	0.0210	0.	36.	0.06
MILE 382.64	594.93	67725.	0.91	74418.	9259.	5.89	0.0210	0.	32.	0.06
MILE 378.44	594.86	63883.	1.03	61933.	12088.	5.41	0.0210	0.	38.	0.08
MILE 374.23	594.77	57921.	0.57	102262.	13867.	6.43	0.0210	0.	36.	0.04
MILE 370.03	594.71	51503.	0.46	112377.	8103.	6.95	0.0210	0.	45.	0.02
MILE 365.82	594.66	50162.	0.39	127475.	7712.	6.85	0.0210	0.	41.	0.02
MILE 361.62	594.63	50225.	0.43	115735.	12709.	7.86	0.0210	0.	49.	0.03
MILE 357.41	594.61	49481.	0.36	139055.	24126.	7.83	0.0210	0.	58.	0.03
MILE 353.21	594.59	47545.	0.43	111591.	6769.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	47284.	0.40	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 44 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.73	36493.	1.61	22737.	4238.	7.37	0.0230	591.	23.	0.12
MILE 420.49	597.97	41823.	1.87	22333.	2495.	5.90	0.0230	0.	19.	0.11
MILE 416.28	597.60	45375.	2.02	22422.	2492.	6.29	0.0270	0.	18.	0.12
MILE 412.08	596.90	48242.	1.79	26895.	2370.	6.63	0.0270	0.	20.	0.09
MILE 407.88	596.33	50952.	1.80	28259.	2201.	6.98	0.0270	0.	20.	0.09
MILE 403.67	595.99	52249.	1.86	28058.	1623.	7.38	0.0240	0.	23.	0.08
MILE 399.47	595.68	56340.	1.50	37466.	6388.	7.61	0.0220	0.	32.	0.11
MILE 395.26	595.47	58393.	1.68	34821.	10214.	9.51	0.0220	0.	37.	0.16
MILE 391.06	595.19	61016.	1.42	43044.	2507.	7.48	0.0220	0.	29.	0.06
MILE 386.85	595.04	63113.	1.12	56272.	5080.	5.63	0.0210	0.	36.	0.06
MILE 382.64	594.93	64015.	0.86	74409.	9259.	5.89	0.0210	0.	32.	0.05
MILE 378.44	594.84	66661.	1.08	61855.	12080.	5.41	0.0210	0.	38.	0.08
MILE 374.23	594.80	65780.	0.64	102488.	13890.	6.44	0.0210	0.	36.	0.04
MILE 370.03	594.77	65075.	0.58	112765.	8127.	6.97	0.0210	0.	45.	0.03
MILE 365.82	594.72	63275.	0.49	127882.	7726.	6.86	0.0210	0.	42.	0.02
MILE 361.62	594.67	58546.	0.50	115958.	12734.	7.87	0.0210	0.	49.	0.03
MILE 357.41	594.63	56087.	0.40	139196.	24151.	7.83	0.0210	0.	58.	0.03
MILE 353.21	594.60	56565.	0.51	111649.	6774.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	56798.	0.49	116937.	3836.	9.80	0.0240	0.	60.	0.02

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.50	36493.	1.62	22476.	4066.	7.32	0.0230	591.	22.	0.12
MILE 420.49	597.74	40637.	1.85	21976.	2406.	5.84	0.0230	0.	19.	0.11
MILE 416.28	597.39	43341.	1.96	22136.	2424.	6.24	0.0270	0.	18.	0.11
MILE 412.08	596.73	45900.	1.72	26635.	2340.	6.59	0.0270	0.	20.	0.09
MILE 407.88	596.20	48517.	1.73	28045.	2152.	6.95	0.0270	0.	20.	0.08
MILE 403.67	595.89	49655.	1.78	27873.	1593.	7.37	0.0240	0.	23.	0.08
MILE 399.47	595.61	52810.	1.42	37201.	6291.	7.63	0.0220	0.	32.	0.10
MILE 395.26	595.40	54785.	1.58	34709.	10141.	9.51	0.0220	0.	37.	0.15
MILE 391.06	595.17	58214.	1.35	42970.	2505.	7.48	0.0220	0.	29.	0.06
MILE 386.85	595.03	59740.	1.06	56212.	5079.	5.63	0.0210	0.	36.	0.06
MILE 382.64	594.92	60246.	0.81	74366.	9255.	5.89	0.0210	0.	32.	0.05
MILE 378.44	594.83	62153.	1.01	61797.	12074.	5.41	0.0210	0.	38.	0.08
MILE 374.23	594.79	64505.	0.63	102388.	13880.	6.44	0.0210	0.	36.	0.04
MILE 370.03	594.75	66679.	0.59	112610.	8118.	6.96	0.0210	0.	45.	0.03
MILE 365.82	594.69	68240.	0.53	127706.	7720.	6.85	0.0210	0.	41.	0.02
MILE 361.62	594.67	70590.	0.61	115936.	12732.	7.87	0.0210	0.	49.	0.04
MILE 357.41	594.66	71419.	0.51	139396.	24187.	7.84	0.0210	0.	58.	0.04
MILE 353.21	594.63	69969.	0.63	111764.	6783.	9.28	0.0230	0.	58.	0.03
MILE 349.00	594.56	69921.	0.60	116937.	3836.	9.80	0.0240	0.	60.	0.02

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.32	36493.	1.64	22281.	3937.	7.28	0.0230	591.	22.	0.12
MILE 420.49	597.56	39853.	1.84	21691.	2336.	5.80	0.0230	0.	19.	0.11
MILE 416.28	597.22	42044.	1.92	21888.	2364.	6.20	0.0270	0.	18.	0.11
MILE 412.08	596.58	44146.	1.67	26396.	2312.	6.56	0.0270	0.	20.	0.09
MILE 407.88	596.08	46252.	1.66	27857.	2109.	6.93	0.0270	0.	20.	0.08
MILE 403.67	595.79	47206.	1.70	27708.	1566.	7.36	0.0240	0.	22.	0.07
MILE 399.47	595.53	49996.	1.35	36938.	6194.	7.65	0.0220	0.	31.	0.10
MILE 395.26	595.35	51819.	1.50	34609.	10076.	9.51	0.0220	0.	37.	0.14
MILE 391.06	595.13	54971.	1.28	42862.	2504.	7.47	0.0220	0.	29.	0.05
MILE 386.85	594.99	56581.	1.01	56056.	5076.	5.62	0.0210	0.	36.	0.05
MILE 382.64	594.89	57739.	0.78	74187.	9241.	5.88	0.0210	0.	32.	0.05
MILE 378.44	594.81	60331.	0.98	61679.	12062.	5.41	0.0210	0.	38.	0.08
MILE 374.23	594.76	64175.	0.63	102228.	13863.	6.43	0.0210	0.	36.	0.04
MILE 370.03	594.73	67288.	0.60	112504.	8111.	6.96	0.0210	0.	45.	0.03
MILE 365.82	594.68	68860.	0.54	127654.	7718.	6.85	0.0210	0.	41.	0.02
MILE 361.62	594.65	71799.	0.62	115867.	12724.	7.86	0.0210	0.	49.	0.04
MILE 357.41	594.62	75380.	0.54	139125.	24139.	7.83	0.0210	0.	58.	0.04
MILE 353.21	594.60	78727.	0.71	111636.	6773.	9.27	0.0230	0.	58.	0.03
MILE 349.00	594.56	78834.	0.67	116937.	3836.	9.80	0.0240	0.	60.	0.02

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.18	36493.	1.65	22118.	3829.	7.25	0.0230	591.	22.	0.12
MILE 420.49	597.41	39296.	1.83	21460.	2278.	5.76	0.0230	0.	18.	0.11
MILE 416.28	597.08	41035.	1.89	21689.	2316.	6.17	0.0270	0.	18.	0.11
MILE 412.08	596.46	42720.	1.63	26198.	2288.	6.53	0.0270	0.	20.	0.08
MILE 407.88	595.97	44465.	1.61	27693.	2071.	6.90	0.0270	0.	20.	0.08
MILE 403.67	595.70	45291.	1.64	27559.	1542.	7.35	0.0240	0.	22.	0.07
MILE 399.47	595.46	47715.	1.30	36691.	6103.	7.68	0.0220	0.	31.	0.09
MILE 395.26	595.29	49476.	1.43	34502.	10007.	9.51	0.0220	0.	37.	0.14
MILE 391.06	595.08	52702.	1.23	42731.	2501.	7.47	0.0220	0.	29.	0.05
MILE 386.85	594.95	54382.	0.97	55883.	5067.	5.61	0.0210	0.	36.	0.05
MILE 382.64	594.85	56024.	0.76	74005.	9226.	5.88	0.0210	0.	32.	0.05
MILE 378.44	594.78	59399.	0.97	61507.	12045.	5.41	0.0210	0.	38.	0.08
MILE 374.23	594.74	62515.	0.61	102065.	13846.	6.43	0.0210	0.	36.	0.04
MILE 370.03	594.69	67132.	0.60	112272.	8097.	6.95	0.0210	0.	45.	0.03

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MILE 365.82	594.63	69320.	0.54	127298.	7707.	6.84	0.0210	0.	41.	0.02
MILE 361.62	594.61	71251.	0.62	115644.	12699.	7.85	0.0210	0.	49.	0.04
MILE 357.41	594.60	72303.	0.52	138994.	24116.	7.83	0.0210	0.	58.	0.04
MILE 353.21	594.59	73788.	0.66	111592.	6769.	9.27	0.0230	0.	58.	0.03
MILE 349.00	594.56	74071.	0.63	116937.	3836.	9.80	0.0240	0.	60.	0.02

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.06	36493.	1.66	21987.	3742.	7.22	0.0230	591.	22.	0.12
MILE 420.49	597.29	38847.	1.83	21270.	2231.	5.73	0.0230	0.	18.	0.10
MILE 416.28	596.96	40243.	1.87	21524.	2276.	6.14	0.0270	0.	18.	0.11
MILE 412.08	596.35	41624.	1.60	26032.	2269.	6.50	0.0270	0.	20.	0.08
MILE 407.88	595.88	43085.	1.56	27552.	2039.	6.88	0.0270	0.	20.	0.07
MILE 403.67	595.62	43825.	1.60	27424.	1520.	7.34	0.0240	0.	22.	0.07
MILE 399.47	595.39	46152.	1.27	36453.	6014.	7.70	0.0220	0.	31.	0.09
MILE 395.26	595.23	47904.	1.39	34397.	9938.	9.51	0.0220	0.	37.	0.13
MILE 391.06	595.03	51334.	1.20	42603.	2499.	7.46	0.0220	0.	29.	0.05
MILE 386.85	594.91	52870.	0.95	55716.	5057.	5.61	0.0210	0.	36.	0.05
MILE 382.64	594.81	54298.	0.74	73810.	9210.	5.87	0.0210	0.	32.	0.05
MILE 378.44	594.73	57589.	0.94	61240.	12019.	5.41	0.0210	0.	38.	0.07
MILE 374.23	594.69	61589.	0.61	101776.	13816.	6.42	0.0210	0.	36.	0.04
MILE 370.03	594.66	63661.	0.57	112095.	8086.	6.94	0.0210	0.	45.	0.03
MILE 365.82	594.62	64809.	0.51	127198.	7703.	6.84	0.0210	0.	41.	0.02
MILE 361.62	594.60	66285.	0.57	115592.	12693.	7.85	0.0210	0.	49.	0.03
MILE 357.41	594.59	66943.	0.48	138931.	24105.	7.83	0.0210	0.	58.	0.04
MILE 353.21	594.58	67601.	0.61	111565.	6767.	9.27	0.0230	0.	58.	0.03
MILE 349.00	594.56	67701.	0.58	116937.	3836.	9.80	0.0240	0.	60.	0.02

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.97	36493.	1.67	21881.	3672.	7.20	0.0230	591.	22.	0.12
MILE 420.49	597.18	38503.	1.82	21114.	2192.	5.70	0.0230	0.	18.	0.10
MILE 416.28	596.86	39645.	1.85	21386.	2243.	6.12	0.0270	0.	18.	0.11
MILE 412.08	596.26	40827.	1.58	25888.	2252.	6.48	0.0270	0.	20.	0.08
MILE 407.88	595.80	42142.	1.54	27425.	2009.	6.87	0.0270	0.	20.	0.07
MILE 403.67	595.55	42845.	1.57	27302.	1500.	7.33	0.0240	0.	22.	0.06
MILE 399.47	595.33	45119.	1.25	36235.	5932.	7.72	0.0220	0.	31.	0.09
MILE 395.26	595.17	46760.	1.36	34296.	9872.	9.50	0.0220	0.	37.	0.13
MILE 391.06	594.97	49778.	1.17	42446.	2495.	7.46	0.0220	0.	28.	0.05

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MILE 386.85	594.85	51431.	0.93	55482.	5044.	5.60	0.0210	0.	36.	0.05
MILE 382.64	594.76	52853.	0.72	73547.	9188.	5.86	0.0210	0.	32.	0.04
MILE 378.44	594.70	55012.	0.90	61068.	12002.	5.40	0.0210	0.	38.	0.07
MILE 374.23	594.67	56782.	0.56	101631.	13802.	6.41	0.0210	0.	36.	0.04
MILE 370.03	594.64	58340.	0.52	111971.	8078.	6.94	0.0210	0.	45.	0.02
MILE 365.82	594.61	59140.	0.47	127106.	7700.	6.84	0.0210	0.	41.	0.02
MILE 361.62	594.59	59983.	0.52	115558.	12689.	7.85	0.0210	0.	49.	0.03
MILE 357.41	594.59	60672.	0.44	138918.	24102.	7.83	0.0210	0.	58.	0.03
MILE 353.21	594.58	61860.	0.55	111560.	6766.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	62121.	0.53	116937.	3836.	9.80	0.0240	0.	60.	0.02

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.89	36493.	1.67	21794.	3614.	7.18	0.0230	591.	22.	0.12
MILE 420.49	597.10	38272.	1.82	20984.	2159.	5.68	0.0230	0.	18.	0.10
MILE 416.28	596.78	39248.	1.85	21271.	2215.	6.10	0.0270	0.	18.	0.10
MILE 412.08	596.18	40291.	1.56	25765.	2237.	6.46	0.0270	0.	20.	0.08
MILE 407.88	595.73	41458.	1.52	27312.	1983.	6.85	0.0270	0.	19.	0.07
MILE 403.67	595.48	42070.	1.55	27188.	1482.	7.32	0.0240	0.	22.	0.06
MILE 399.47	595.27	44046.	1.22	36019.	5851.	7.74	0.0220	0.	31.	0.09
MILE 395.26	595.11	45668.	1.34	34189.	9802.	9.50	0.0220	0.	37.	0.13
MILE 391.06	594.93	48331.	1.14	42319.	2490.	7.45	0.0220	0.	28.	0.05
MILE 386.85	594.82	49358.	0.89	55346.	5036.	5.59	0.0210	0.	36.	0.05
MILE 382.64	594.74	50211.	0.68	73405.	9176.	5.85	0.0210	0.	32.	0.04
MILE 378.44	594.68	51702.	0.85	60933.	11988.	5.40	0.0210	0.	38.	0.07
MILE 374.23	594.65	52536.	0.52	101530.	13791.	6.41	0.0210	0.	36.	0.03
MILE 370.03	594.63	53612.	0.48	111898.	8074.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.60	54162.	0.43	127060.	7699.	6.84	0.0210	0.	41.	0.02
MILE 361.62	594.59	54769.	0.47	115533.	12686.	7.85	0.0210	0.	49.	0.03
MILE 357.41	594.58	55600.	0.40	138884.	24096.	7.83	0.0210	0.	58.	0.03
MILE 353.21	594.58	56663.	0.51	111544.	6765.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	56909.	0.49	116937.	3836.	9.80	0.0240	0.	60.	0.02

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.82	36493.	1.68	21717.	3564.	7.17	0.0230	591.	22.	0.12
MILE 420.49	597.03	38104.	1.83	20871.	2131.	5.66	0.0230	0.	18.	0.10
MILE 416.28	596.70	38939.	1.84	21170.	2191.	6.08	0.0270	0.	18.	0.10
MILE 412.08	596.11	39840.	1.55	25653.	2224.	6.45	0.0270	0.	20.	0.08

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MILE 407.88	595.66	40881.	1.50	27205.	1959.	6.84	0.0270	0.	19.	0.07
MILE 403.67	595.42	41435.	1.53	27080.	1464.	7.32	0.0240	0.	22.	0.06
MILE 399.47	595.21	43114.	1.20	35822.	5776.	7.76	0.0220	0.	31.	0.09
MILE 395.26	595.06	44229.	1.30	34107.	9748.	9.50	0.0220	0.	37.	0.12
MILE 391.06	594.89	46185.	1.09	42220.	2486.	7.45	0.0220	0.	28.	0.05
MILE 386.85	594.80	46979.	0.85	55237.	5030.	5.59	0.0210	0.	36.	0.05
MILE 382.64	594.72	47583.	0.65	73318.	9169.	5.85	0.0210	0.	32.	0.04
MILE 378.44	594.67	48698.	0.80	60874.	11982.	5.40	0.0210	0.	38.	0.06
MILE 374.23	594.64	49663.	0.49	101463.	13784.	6.40	0.0210	0.	36.	0.03
MILE 370.03	594.62	50209.	0.45	111834.	8070.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	50520.	0.40	127005.	7697.	6.83	0.0210	0.	41.	0.02
MILE 361.62	594.58	50965.	0.44	115502.	12683.	7.85	0.0210	0.	49.	0.03
MILE 357.41	594.58	51567.	0.37	138858.	24092.	7.83	0.0210	0.	58.	0.03
MILE 353.21	594.57	51925.	0.47	111533.	6764.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	52052.	0.45	116937.	3836.	9.80	0.0240	0.	60.	0.01

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.77	36493.	1.69	21653.	3521.	7.15	0.0230	591.	22.	0.12
MILE 420.49	596.96	37963.	1.83	20772.	2107.	5.65	0.0230	0.	18.	0.10
MILE 416.28	596.64	38689.	1.84	21081.	2169.	6.06	0.0270	0.	17.	0.10
MILE 412.08	596.04	39463.	1.54	25554.	2212.	6.43	0.0270	0.	19.	0.08
MILE 407.88	595.61	40290.	1.49	27115.	1938.	6.82	0.0270	0.	19.	0.07
MILE 403.67	595.37	40692.	1.51	26994.	1450.	7.31	0.0240	0.	22.	0.06
MILE 399.47	595.17	41878.	1.17	35675.	5720.	7.78	0.0220	0.	31.	0.08
MILE 395.26	595.03	42731.	1.26	34041.	9705.	9.50	0.0220	0.	37.	0.12
MILE 391.06	594.87	44170.	1.05	42151.	2483.	7.45	0.0220	0.	28.	0.04
MILE 386.85	594.78	44885.	0.81	55166.	5026.	5.59	0.0210	0.	36.	0.04
MILE 382.64	594.71	45455.	0.62	73249.	9164.	5.84	0.0210	0.	32.	0.04
MILE 378.44	594.66	46310.	0.76	60818.	11977.	5.40	0.0210	0.	38.	0.06
MILE 374.23	594.63	46918.	0.46	101423.	13780.	6.40	0.0210	0.	36.	0.03
MILE 370.03	594.62	47487.	0.42	111809.	8068.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	47772.	0.38	126991.	7697.	6.83	0.0210	0.	41.	0.02
MILE 361.62	594.58	47863.	0.41	115491.	12681.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.57	47886.	0.34	138842.	24089.	7.83	0.0210	0.	58.	0.03
MILE 353.21	594.57	47858.	0.43	111526.	6764.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	47955.	0.41	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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Appendix K		Checked	WBB

MILE 424.70	597.72	36493.	1.69	21596.	3483.	7.14	0.0230	591.	22.	0.12
MILE 420.49	596.91	37830.	1.83	20686.	2085.	5.63	0.0230	0.	18.	0.10
MILE 416.28	596.59	38425.	1.83	21005.	2151.	6.05	0.0270	0.	17.	0.10
MILE 412.08	595.99	39033.	1.53	25473.	2203.	6.42	0.0270	0.	19.	0.08
MILE 407.88	595.56	39676.	1.47	27044.	1922.	6.81	0.0270	0.	19.	0.07
MILE 403.67	595.33	39977.	1.48	26927.	1439.	7.31	0.0240	0.	22.	0.06
MILE 399.47	595.13	40829.	1.15	35561.	5677.	7.79	0.0220	0.	31.	0.08
MILE 395.26	595.00	41508.	1.22	33994.	9674.	9.50	0.0220	0.	36.	0.11
MILE 391.06	594.85	42659.	1.01	42094.	2481.	7.45	0.0220	0.	28.	0.04
MILE 386.85	594.76	43126.	0.78	55106.	5023.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.70	43506.	0.59	73199.	9159.	5.84	0.0210	0.	31.	0.04
MILE 378.44	594.65	44193.	0.73	60787.	11973.	5.40	0.0210	0.	38.	0.06
MILE 374.23	594.63	44581.	0.44	101394.	13777.	6.40	0.0210	0.	36.	0.03
MILE 370.03	594.61	44721.	0.40	111788.	8067.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	44856.	0.35	126984.	7696.	6.83	0.0210	0.	41.	0.02
MILE 361.62	594.58	44861.	0.39	115492.	12681.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	44863.	0.32	138850.	24090.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	44954.	0.40	111529.	6764.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	45002.	0.38	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.67	36493.	1.69	21549.	3452.	7.13	0.0230	591.	22.	0.12
MILE 420.49	596.86	37684.	1.83	20614.	2067.	5.62	0.0230	0.	18.	0.10
MILE 416.28	596.54	38160.	1.82	20942.	2136.	6.04	0.0270	0.	17.	0.10
MILE 412.08	595.95	38637.	1.52	25409.	2195.	6.41	0.0270	0.	19.	0.08
MILE 407.88	595.53	39137.	1.45	26989.	1909.	6.81	0.0270	0.	19.	0.07
MILE 403.67	595.30	39379.	1.47	26876.	1431.	7.30	0.0240	0.	22.	0.06
MILE 399.47	595.11	40064.	1.13	35476.	5644.	7.80	0.0220	0.	31.	0.08
MILE 395.26	594.98	40536.	1.19	33968.	9665.	9.50	0.0220	0.	36.	0.11
MILE 391.06	594.84	41353.	0.98	42056.	2479.	7.45	0.0220	0.	28.	0.04
MILE 386.85	594.75	41689.	0.76	55069.	5021.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.69	41921.	0.57	73166.	9157.	5.84	0.0210	0.	31.	0.04
MILE 378.44	594.65	42257.	0.70	60764.	11971.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	42350.	0.42	101382.	13776.	6.40	0.0210	0.	36.	0.03
MILE 370.03	594.61	42320.	0.38	111783.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	42411.	0.33	126990.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	42467.	0.37	115498.	12682.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	42598.	0.31	138853.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	42799.	0.38	111529.	6764.	9.27	0.0230	0.	58.	0.02
MILE 349.00	594.56	42889.	0.37	116937.	3836.	9.80	0.0240	0.	60.	0.01

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Appendix K		Checked	WBB

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.64	36493.	1.70	21511.	3426.	7.13	0.0230	591. 22. 0.12
MILE 420.49	596.82	37559.	1.83	20557.	2053.	5.61	0.0230	0. 18. 0.10
MILE 416.28	596.50	37935.	1.82	20892.	2124.	6.03	0.0270	0. 17. 0.10
MILE 412.08	595.92	38314.	1.51	25358.	2189.	6.40	0.0270	0. 19. 0.08
MILE 407.88	595.50	38701.	1.44	26947.	1899.	6.80	0.0270	0. 19. 0.07
MILE 403.67	595.28	38878.	1.45	26837.	1424.	7.30	0.0240	0. 22. 0.06
MILE 399.47	595.09	39363.	1.11	35411.	5620.	7.81	0.0220	0. 31. 0.08
MILE 395.26	594.96	39693.	1.17	33949.	9658.	9.49	0.0220	0. 36. 0.11
MILE 391.06	594.83	40220.	0.96	42028.	2478.	7.45	0.0220	0. 28. 0.04
MILE 386.85	594.75	40430.	0.73	55044.	5019.	5.58	0.0210	0. 36. 0.04
MILE 382.64	594.69	40552.	0.55	73151.	9156.	5.84	0.0210	0. 31. 0.03
MILE 378.44	594.65	40695.	0.67	60760.	11971.	5.40	0.0210	0. 38. 0.05
MILE 374.23	594.63	40695.	0.40	101380.	13776.	6.40	0.0210	0. 36. 0.03
MILE 370.03	594.61	40760.	0.36	111780.	8066.	6.93	0.0210	0. 45. 0.02
MILE 365.82	594.59	40845.	0.32	126987.	7696.	6.83	0.0210	0. 41. 0.01
MILE 361.62	594.58	40858.	0.35	115496.	12682.	7.85	0.0210	0. 49. 0.02
MILE 357.41	594.58	41015.	0.30	138850.	24090.	7.83	0.0210	0. 58. 0.02
MILE 353.21	594.57	41204.	0.37	111528.	6764.	9.27	0.0230	0. 58. 0.02
MILE 349.00	594.56	41274.	0.35	116937.	3836.	9.80	0.0240	0. 60. 0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.61	36493.	1.70	21481.	3406.	7.12	0.0230	591. 22. 0.12
MILE 420.49	596.79	37457.	1.83	20511.	2042.	5.60	0.0230	0. 18. 0.10
MILE 416.28	596.48	37749.	1.81	20853.	2114.	6.02	0.0270	0. 17. 0.10
MILE 412.08	595.89	38036.	1.50	25318.	2184.	6.40	0.0270	0. 19. 0.08
MILE 407.88	595.48	38319.	1.42	26915.	1892.	6.80	0.0270	0. 19. 0.07
MILE 403.67	595.26	38440.	1.43	26808.	1420.	7.30	0.0240	0. 22. 0.06
MILE 399.47	595.07	38744.	1.10	35365.	5602.	7.81	0.0220	0. 31. 0.08
MILE 395.26	594.95	38957.	1.15	33936.	9654.	9.49	0.0220	0. 36. 0.11
MILE 391.06	594.82	39276.	0.93	42012.	2477.	7.45	0.0220	0. 28. 0.04
MILE 386.85	594.75	39398.	0.72	55031.	5018.	5.58	0.0210	0. 36. 0.04
MILE 382.64	594.69	39487.	0.54	73144.	9155.	5.84	0.0210	0. 31. 0.03
MILE 378.44	594.65	39659.	0.65	60756.	11970.	5.40	0.0210	0. 38. 0.05
MILE 374.23	594.63	39750.	0.39	101377.	13775.	6.40	0.0210	0. 36. 0.03
MILE 370.03	594.61	39767.	0.36	111778.	8066.	6.93	0.0210	0. 45. 0.02
MILE 365.82	594.59	39823.	0.31	126988.	7697.	6.83	0.0210	0. 41. 0.01
MILE 361.62	594.58	39820.	0.34	115495.	12682.	7.85	0.0210	0. 49. 0.02
MILE 357.41	594.58	39902.	0.29	138848.	24090.	7.83	0.0210	0. 58. 0.02

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MILE 353.21 594.57 39876. 0.36 111527. 6764. 9.27 0.0230 0. 58. 0.02
MILE 349.00 594.56 39919. 0.34 116937. 3836. 9.80 0.0240 0. 60. 0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 597.59 36493. 1.70 21457. 3391. 7.12 0.0230 591. 22. 0.12
MILE 420.49 596.77 37368. 1.82 20476. 2033. 5.60 0.0230 0. 18. 0.10
MILE 416.28 596.45 37587. 1.81 20822. 2107. 6.02 0.0270 0. 17. 0.10
MILE 412.08 595.88 37793. 1.49 25289. 2181. 6.39 0.0270 0. 19. 0.08
MILE 407.88 595.46 37989. 1.41 26892. 1886. 6.79 0.0270 0. 19. 0.07
MILE 403.67 595.25 38068. 1.42 26788. 1416. 7.30 0.0240 0. 22. 0.06
MILE 399.47 595.06 38253. 1.08 35334. 5590. 7.82 0.0220 0. 31. 0.08
MILE 395.26 594.95 38377. 1.13 33927. 9651. 9.49 0.0220 0. 36. 0.11
MILE 391.06 594.82 38607. 0.92 42001. 2477. 7.45 0.0220 0. 28. 0.04
MILE 386.85 594.74 38717. 0.70 55021. 5018. 5.58 0.0210 0. 36. 0.04
MILE 382.64 594.69 38798. 0.53 73137. 9154. 5.84 0.0210 0. 31. 0.03
MILE 378.44 594.65 38918. 0.64 60753. 11970. 5.40 0.0210 0. 38. 0.05
MILE 374.23 594.63 38985. 0.38 101375. 13775. 6.40 0.0210 0. 36. 0.02
MILE 370.03 594.61 39006. 0.35 111778. 8066. 6.93 0.0210 0. 45. 0.02
MILE 365.82 594.59 39050. 0.31 126990. 7697. 6.83 0.0210 0. 41. 0.01
MILE 361.62 594.58 38996. 0.34 115497. 12682. 7.85 0.0210 0. 49. 0.02
MILE 357.41 594.58 39003. 0.28 138851. 24090. 7.83 0.0210 0. 58. 0.02
MILE 353.21 594.57 38983. 0.35 111528. 6764. 9.27 0.0230 0. 58. 0.02
MILE 349.00 594.56 39018. 0.33 116937. 3836. 9.80 0.0240 0. 60. 0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 597.58 36493. 1.70 21439. 3379. 7.11 0.0230 591. 22. 0.12
MILE 420.49 596.75 37292. 1.82 20449. 2026. 5.59 0.0230 0. 18. 0.10
MILE 416.28 596.44 37450. 1.80 20799. 2101. 6.01 0.0270 0. 17. 0.10
MILE 412.08 595.86 37593. 1.49 25267. 2178. 6.39 0.0270 0. 19. 0.08
MILE 407.88 595.45 37725. 1.40 26875. 1883. 6.79 0.0270 0. 19. 0.07
MILE 403.67 595.24 37779. 1.41 26775. 1414. 7.30 0.0240 0. 22. 0.06
MILE 399.47 595.06 37917. 1.07 35313. 5582. 7.82 0.0220 0. 31. 0.08
MILE 395.26 594.94 38013. 1.12 33921. 9648. 9.49 0.0220 0. 36. 0.11
MILE 391.06 594.81 38177. 0.91 41992. 2477. 7.45 0.0220 0. 28. 0.04
MILE 386.85 594.74 38244. 0.70 55013. 5017. 5.58 0.0210 0. 36. 0.04
MILE 382.64 594.69 38291. 0.52 73132. 9154. 5.84 0.0210 0. 31. 0.03
MILE 378.44 594.65 38359. 0.63 60751. 11970. 5.40 0.0210 0. 38. 0.05

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MILE 374.23	594.63	38354.	0.38	101375.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	38323.	0.34	111779.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	38368.	0.30	126994.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	38351.	0.33	115500.	12682.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	38367.	0.28	138854.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	38394.	0.34	111529.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	38425.	0.33	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.57	36493.	1.70	21427.	3370.	7.11	0.0230	591.	22.	0.12
MILE 420.49	596.74	37231.	1.82	20430.	2021.	5.59	0.0230	0.	18.	0.10
MILE 416.28	596.43	37342.	1.80	20783.	2097.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.85	37446.	1.48	25252.	2177.	6.39	0.0270	0.	19.	0.08
MILE 407.88	595.44	37544.	1.40	26864.	1880.	6.79	0.0270	0.	19.	0.07
MILE 403.67	595.23	37585.	1.40	26765.	1412.	7.30	0.0240	0.	22.	0.06
MILE 399.47	595.05	37685.	1.07	35298.	5576.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.94	37753.	1.11	33917.	9647.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37860.	0.90	41987.	2476.	7.45	0.0220	0.	28.	0.04
MILE 386.85	594.74	37893.	0.69	55009.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37906.	0.52	73130.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37922.	0.62	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37915.	0.37	101376.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37872.	0.34	111779.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37902.	0.30	126996.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37890.	0.33	115501.	12682.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37933.	0.27	138855.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	38000.	0.34	111529.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	38024.	0.33	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.56	36493.	1.70	21417.	3364.	7.11	0.0230	591.	22.	0.12
MILE 420.49	596.73	37189.	1.82	20417.	2018.	5.59	0.0230	0.	18.	0.10
MILE 416.28	596.42	37269.	1.79	20771.	2094.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.84	37344.	1.48	25241.	2175.	6.39	0.0270	0.	19.	0.08
MILE 407.88	595.44	37413.	1.39	26855.	1878.	6.79	0.0270	0.	19.	0.06
MILE 403.67	595.23	37441.	1.40	26757.	1411.	7.30	0.0240	0.	22.	0.06
MILE 399.47	595.05	37506.	1.06	35287.	5572.	7.82	0.0220	0.	31.	0.07

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MILE 395.26	594.93	37544.	1.11	33914.	9646.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37598.	0.90	41983.	2476.	7.45	0.0220	0.	28.	0.04
MILE 386.85	594.74	37624.	0.68	55007.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37638.	0.51	73130.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37648.	0.62	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37635.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37628.	0.34	111780.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37660.	0.30	126996.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37646.	0.33	115501.	12682.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37669.	0.27	138854.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37679.	0.34	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37692.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.55	36493.	1.70	21411.	3360.	7.11	0.0230	591.	22.	0.12
MILE 420.49	596.72	37159.	1.82	20407.	2015.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.41	37216.	1.79	20762.	2092.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.84	37267.	1.48	25233.	2174.	6.39	0.0270	0.	19.	0.08
MILE 407.88	595.44	37313.	1.39	26849.	1877.	6.79	0.0270	0.	19.	0.06
MILE 403.67	595.23	37330.	1.40	26753.	1410.	7.30	0.0240	0.	22.	0.06
MILE 399.47	595.05	37363.	1.06	35280.	5569.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37386.	1.10	33912.	9645.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37426.	0.89	41981.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37440.	0.68	55006.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37450.	0.51	73129.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37473.	0.62	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37492.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37484.	0.34	111781.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37500.	0.30	126997.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37471.	0.32	115501.	12682.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37480.	0.27	138854.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37465.	0.34	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37468.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.55	36493.	1.70	21406.	3357.	7.11	0.0230	591.	22.	0.12
MILE 420.49	596.72	37136.	1.82	20400.	2014.	5.58	0.0230	0.	18.	0.10

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Appendix K		Checked	WBB

MILE 416.28	596.41	37175.	1.79	20756.	2091.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.84	37209.	1.47	25228.	2174.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37238.	1.39	26846.	1876.	6.79	0.0270	0.	19.	0.06
MILE 403.67	595.22	37249.	1.39	26749.	1410.	7.30	0.0240	0.	22.	0.06
MILE 399.47	595.05	37273.	1.06	35275.	5567.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37287.	1.10	33911.	9645.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37316.	0.89	41980.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37330.	0.68	55004.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37342.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37357.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37356.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37342.	0.33	111781.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37357.	0.29	126998.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37339.	0.32	115502.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37341.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37328.	0.33	111529.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37332.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21403.	3355.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.72	37119.	1.82	20395.	2012.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37145.	1.79	20752.	2090.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37168.	1.47	25224.	2173.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37189.	1.39	26843.	1875.	6.79	0.0270	0.	19.	0.06
MILE 403.67	595.22	37196.	1.39	26747.	1410.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.05	37215.	1.06	35272.	5566.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37229.	1.10	33910.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37250.	0.89	41978.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37257.	0.68	55003.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37259.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37258.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37250.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37236.	0.33	111781.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37247.	0.29	126998.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37234.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37242.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37257.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37259.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-29-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21401.	3354.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37108.	1.82	20392.	2012.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37126.	1.79	20749.	2089.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37142.	1.47	25221.	2173.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37157.	1.38	26841.	1875.	6.79	0.0270	0.	19.	0.06
MILE 403.67	595.22	37163.	1.39	26746.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.05	37177.	1.05	35270.	5565.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37185.	1.10	33909.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37194.	0.89	41978.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37197.	0.68	55003.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37197.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37195.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37190.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37177.	0.33	111781.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37187.	0.29	126998.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37182.	0.32	115502.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37187.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37192.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37190.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21400.	3353.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37101.	1.82	20390.	2011.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37113.	1.79	20748.	2089.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37124.	1.47	25220.	2173.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37134.	1.38	26840.	1874.	6.79	0.0270	0.	19.	0.06
MILE 403.67	595.22	37138.	1.39	26745.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.05	37144.	1.05	35268.	5565.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37148.	1.10	33909.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37153.	0.89	41977.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37156.	0.68	55003.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37157.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37158.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37159.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37154.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37160.	0.29	126998.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37149.	0.32	115502.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37146.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37145.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37140.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	597.54	36493.	1.71	21399.	3352.	7.10	0.0230	591.	22. 0.12
MILE	420.49	596.71	37095.	1.82	20388.	2011.	5.58	0.0230	0.	18. 0.10
MILE	416.28	596.40	37104.	1.79	20746.	2088.	6.01	0.0270	0.	17. 0.10
MILE	412.08	595.83	37111.	1.47	25218.	2173.	6.38	0.0270	0.	19. 0.08
MILE	407.88	595.43	37117.	1.38	26839.	1874.	6.78	0.0270	0.	19. 0.06
MILE	403.67	595.22	37119.	1.39	26744.	1409.	7.29	0.0240	0.	22. 0.06
MILE	399.47	595.04	37122.	1.05	35267.	5564.	7.82	0.0220	0.	31. 0.07
MILE	395.26	594.93	37124.	1.09	33909.	9644.	9.49	0.0220	0.	36. 0.10
MILE	391.06	594.81	37128.	0.88	41977.	2476.	7.44	0.0220	0.	28. 0.04
MILE	386.85	594.74	37131.	0.68	55002.	5017.	5.58	0.0210	0.	36. 0.04
MILE	382.64	594.68	37133.	0.51	73128.	9154.	5.84	0.0210	0.	31. 0.03
MILE	378.44	594.65	37135.	0.61	60752.	11970.	5.40	0.0210	0.	38. 0.05
MILE	374.23	594.63	37134.	0.37	101378.	13775.	6.40	0.0210	0.	36. 0.02
MILE	370.03	594.61	37128.	0.33	111782.	8066.	6.93	0.0210	0.	45. 0.02
MILE	365.82	594.59	37131.	0.29	126999.	7697.	6.83	0.0210	0.	41. 0.01
MILE	361.62	594.58	37124.	0.32	115503.	12683.	7.85	0.0210	0.	49. 0.02
MILE	357.41	594.58	37120.	0.27	138856.	24091.	7.83	0.0210	0.	58. 0.02
MILE	353.21	594.57	37115.	0.33	111528.	6764.	9.27	0.0230	0.	58. 0.01
MILE	349.00	594.56	37109.	0.32	116937.	3836.	9.80	0.0240	0.	60. 0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	597.54	36493.	1.71	21398.	3351.	7.10	0.0230	591.	22. 0.12
MILE	420.49	596.71	37091.	1.82	20387.	2010.	5.58	0.0230	0.	18. 0.10
MILE	416.28	596.40	37097.	1.79	20745.	2088.	6.01	0.0270	0.	17. 0.10
MILE	412.08	595.83	37101.	1.47	25218.	2173.	6.38	0.0270	0.	19. 0.08
MILE	407.88	595.43	37105.	1.38	26838.	1874.	6.78	0.0270	0.	19. 0.06
MILE	403.67	595.22	37107.	1.39	26743.	1409.	7.29	0.0240	0.	22. 0.06
MILE	399.47	595.04	37109.	1.05	35266.	5564.	7.82	0.0220	0.	31. 0.07
MILE	395.26	594.93	37112.	1.09	33908.	9644.	9.49	0.0220	0.	36. 0.10
MILE	391.06	594.81	37115.	0.88	41977.	2476.	7.44	0.0220	0.	28. 0.04
MILE	386.85	594.74	37116.	0.67	55002.	5017.	5.58	0.0210	0.	36. 0.04
MILE	382.64	594.68	37116.	0.51	73128.	9154.	5.84	0.0210	0.	31. 0.03
MILE	378.44	594.65	37114.	0.61	60752.	11970.	5.40	0.0210	0.	38. 0.05
MILE	374.23	594.63	37111.	0.37	101378.	13775.	6.40	0.0210	0.	36. 0.02
MILE	370.03	594.61	37105.	0.33	111782.	8066.	6.93	0.0210	0.	45. 0.02
MILE	365.82	594.59	37105.	0.29	126999.	7697.	6.83	0.0210	0.	41. 0.01

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MILE 361.62	594.58	37101.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37099.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37102.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37097.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21398.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37089.	1.82	20386.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37092.	1.79	20745.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37095.	1.47	25217.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37098.	1.38	26838.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37099.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37102.	1.05	35266.	5564.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37103.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37104.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37104.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37103.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37100.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37095.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37092.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37090.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37090.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37089.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37092.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37087.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37087.	1.82	20386.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37090.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37092.	1.47	25217.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37094.	1.38	26838.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37094.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37095.	1.05	35266.	5564.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37095.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37095.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37094.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04

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Appendix K		Checked	WBB

MILE 382.64	594.68	37093.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37092.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37090.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37089.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37086.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37085.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37082.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37078.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37086.	1.82	20386.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37088.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37089.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37090.	1.38	26838.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37090.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37090.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37089.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37089.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37089.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37089.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37088.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37087.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37086.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37082.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37077.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37078.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37072.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37085.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37086.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37087.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37087.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06

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MILE 403.67	595.22	37087.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37087.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37087.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37087.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37086.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37086.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37085.	0.61	60752.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37083.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37078.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37079.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37074.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37077.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37072.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37085.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37085.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37086.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37086.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37086.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37086.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37086.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37085.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37082.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37080.	0.37	101378.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37079.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37075.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37077.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37074.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37077.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37073.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37085.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37085.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37085.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37085.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37085.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37081.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37079.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37080.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37075.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37077.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37075.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37076.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37072.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37082.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37081.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37080.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37081.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37076.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37078.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37075.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37076.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37073.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Appendix K		Checked	WBB

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37082.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37081.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37080.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37081.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37076.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37079.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37076.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37076.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37074.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37082.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37081.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37079.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37080.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37076.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37079.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37076.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37077.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01

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MILE 349.00 594.56 37076. 0.32 116937. 3836. 9.80 0.0240 0. 60. 0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37083.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37082.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37081.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37080.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37081.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37077.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37079.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37077.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37078.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37076.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37083.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37082.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37081.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37080.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02

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Appendix K		Checked	WBB

MILE 370.03	594.61	37081.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37078.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37080.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37078.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37078.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37077.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37083.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37083.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37082.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37082.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37081.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37079.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37080.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37079.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37079.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37078.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37083.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10

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MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37082.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37082.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37081.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37080.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37081.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37080.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37079.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37079.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37083.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37082.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37082.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37081.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37080.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37081.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37080.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37080.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37080.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10

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Appendix K		Checked	WBB

MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37082.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37082.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37081.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37081.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37081.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37080.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37080.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37082.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37082.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37082.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37081.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37081.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37081.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Appendix K		Checked	WBB

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37083.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37082.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37082.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37082.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37082.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37081.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37082.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37083.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37082.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37082.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37082.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37082.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37081.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37082.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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TIME 21.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591. 22. 0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0. 18. 0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0. 17. 0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0. 19. 0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0. 19. 0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0. 22. 0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0. 31. 0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0. 36. 0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0. 28. 0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0. 36. 0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0. 31. 0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0. 38. 0.05
MILE 374.23	594.63	37083.	0.37	101379.	13775.	6.40	0.0210	0. 36. 0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0. 45. 0.02
MILE 365.82	594.59	37083.	0.29	126999.	7697.	6.83	0.0210	0. 41. 0.01
MILE 361.62	594.58	37082.	0.32	115503.	12683.	7.85	0.0210	0. 49. 0.02
MILE 357.41	594.58	37082.	0.27	138856.	24091.	7.83	0.0210	0. 58. 0.02
MILE 353.21	594.57	37082.	0.33	111528.	6764.	9.27	0.0230	0. 58. 0.01
MILE 349.00	594.56	37082.	0.32	116937.	3836.	9.80	0.0240	0. 60. 0.01

0DATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591. 22. 0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0. 18. 0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0. 17. 0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0. 19. 0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0. 19. 0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0. 22. 0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0. 31. 0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0. 36. 0.10
MILE 391.06	594.81	37083.	0.88	41976.	2476.	7.44	0.0220	0. 28. 0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0. 36. 0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0. 31. 0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0. 38. 0.05
MILE 374.23	594.63	37083.	0.37	101379.	13775.	6.40	0.0210	0. 36. 0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0. 45. 0.02
MILE 365.82	594.59	37083.	0.29	126999.	7697.	6.83	0.0210	0. 41. 0.01

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37083.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37082.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 4-30-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37083.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37083.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37083.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37083.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37083.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37082.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37083.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37083.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37083.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37083.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37083.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37083.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 70 of 338
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Appendix K		Checked	WBB

MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37083.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37083.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

TVA

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Appendix K		Checked	WBB

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37083.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37083.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37083.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37083.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 349.00 594.56 37084. 0.32 116937. 3836. 9.80 0.0240 0. 60. 0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 74 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 76 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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Appendix K		Checked	WBB

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01

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MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04

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MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06

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MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-01-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

TVA

Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 82 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10

MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 349.00 594.56 37084. 0.32 116937. 3836. 9.80 0.0240 0. 60. 0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 85 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10

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Appendix K		Checked	WBB

MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

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Appendix K		Checked	WBB

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591. 22. 0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0. 18. 0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0. 17. 0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0. 19. 0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0. 19. 0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0. 22. 0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0. 31. 0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0. 36. 0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0. 28. 0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0. 36. 0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0. 31. 0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0. 38. 0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0. 36. 0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0. 45. 0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0. 41. 0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0. 49. 0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0. 58. 0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0. 58. 0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0. 60. 0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591. 22. 0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0. 18. 0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0. 17. 0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0. 19. 0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0. 19. 0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0. 22. 0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0. 31. 0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0. 36. 0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0. 28. 0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0. 36. 0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0. 31. 0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0. 38. 0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0. 36. 0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0. 45. 0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0. 41. 0.01

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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Appendix K		Checked	WBB

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

ODATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 94 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-02-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01

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MILE 349.00 594.56 37084. 0.32 116937. 3836. 9.80 0.0240 0. 60. 0.01

0DATE 5-03-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.54	36493.	1.71	21397.	3351.	7.10	0.0230	591.	22.	0.12
MILE 420.49	596.71	37084.	1.82	20385.	2010.	5.58	0.0230	0.	18.	0.10
MILE 416.28	596.40	37084.	1.79	20744.	2088.	6.01	0.0270	0.	17.	0.10
MILE 412.08	595.83	37084.	1.47	25216.	2172.	6.38	0.0270	0.	19.	0.08
MILE 407.88	595.43	37084.	1.38	26837.	1874.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	37084.	1.39	26743.	1409.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37084.	1.05	35265.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37084.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.61	37084.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37084.	0.29	126999.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	37084.	0.32	115503.	12683.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.58	37084.	0.27	138856.	24091.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.57	37084.	0.33	111528.	6764.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.56	37084.	0.32	116937.	3836.	9.80	0.0240	0.	60.	0.01

0DATE 5-03-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	596.30	13788.	0.69	20011.	2427.	6.82	0.0230	586.	20.	0.04
MILE 420.49	596.04	20144.	1.04	19357.	1752.	5.41	0.0230	0.	17.	0.06
MILE 416.28	596.04	26191.	1.29	20239.	1966.	5.92	0.0270	0.	17.	0.07
MILE 412.08	595.73	32998.	1.32	25066.	2155.	6.36	0.0270	0.	19.	0.07
MILE 407.88	595.41	36315.	1.35	26806.	1867.	6.78	0.0270	0.	19.	0.06
MILE 403.67	595.22	36911.	1.38	26736.	1408.	7.29	0.0240	0.	22.	0.06
MILE 399.47	595.04	37072.	1.05	35264.	5563.	7.82	0.0220	0.	31.	0.07
MILE 395.26	594.93	37083.	1.09	33908.	9644.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	37084.	0.88	41976.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37084.	0.67	55002.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37084.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37084.	0.61	60753.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	37084.	0.37	101379.	13775.	6.40	0.0210	0.	36.	0.02

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MILE 370.03	594.61	37078.	0.33	111782.	8066.	6.93	0.0210	0.	45.	0.02
MILE 365.82	594.59	37029.	0.29	127002.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.59	36624.	0.32	115515.	12684.	7.85	0.0210	0.	49.	0.02
MILE 357.41	594.59	34972.	0.25	138918.	24102.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.60	30405.	0.27	111620.	6771.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.61	29117.	0.25	117127.	3838.	9.81	0.0240	0.	60.	0.01

0DATE 5-03-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.66	9936.	0.51	19298.	1949.	6.68	0.0230	580.	20.	0.03
MILE 420.49	595.45	14508.	0.79	18462.	1527.	5.25	0.0230	0.	16.	0.04
MILE 416.28	595.45	18434.	0.95	19429.	1769.	5.77	0.0270	0.	16.	0.05
MILE 412.08	595.28	23601.	0.97	24358.	2070.	6.26	0.0270	0.	19.	0.05
MILE 407.88	595.10	27530.	1.05	26330.	1756.	6.71	0.0270	0.	19.	0.05
MILE 403.67	595.04	29129.	1.10	26447.	1360.	7.27	0.0240	0.	22.	0.04
MILE 399.47	594.99	34012.	0.97	35097.	5503.	7.84	0.0220	0.	31.	0.07
MILE 395.26	594.92	36164.	1.07	33899.	9640.	9.49	0.0220	0.	36.	0.10
MILE 391.06	594.81	36975.	0.88	41971.	2476.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.74	37064.	0.67	55001.	5017.	5.58	0.0210	0.	36.	0.04
MILE 382.64	594.68	37077.	0.51	73128.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.65	37048.	0.61	60755.	11970.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.63	36671.	0.36	101396.	13777.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.62	35144.	0.31	111846.	8070.	6.93	0.0210	0.	45.	0.01
MILE 365.82	594.62	33304.	0.26	127171.	7702.	6.84	0.0210	0.	41.	0.01
MILE 361.62	594.62	29726.	0.26	115692.	12704.	7.86	0.0210	0.	49.	0.02
MILE 357.41	594.62	27154.	0.20	139150.	24143.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.63	23462.	0.21	111742.	6781.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.63	22578.	0.19	117204.	3839.	9.81	0.0240	0.	60.	0.01

0DATE 5-03-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.94	3404.	0.18	18491.	1448.	6.51	0.0230	575.	19.	0.01
MILE 420.49	594.84	7188.	0.41	17522.	1351.	5.09	0.0230	0.	16.	0.02
MILE 416.28	594.89	9631.	0.52	18650.	1611.	5.63	0.0270	0.	16.	0.03
MILE 412.08	594.90	15018.	0.63	23772.	2010.	6.17	0.0270	0.	18.	0.03
MILE 407.88	594.85	19438.	0.75	25950.	1712.	6.66	0.0270	0.	19.	0.03
MILE 403.67	594.85	21140.	0.81	26168.	1346.	7.24	0.0240	0.	22.	0.03
MILE 399.47	594.84	25257.	0.73	34821.	5465.	7.82	0.0220	0.	31.	0.05
MILE 395.26	594.83	27767.	0.82	33783.	9598.	9.47	0.0220	0.	36.	0.08

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MILE 391.06	594.76	33524.	0.80	41836.	2470.	7.44	0.0220	0.	28.	0.03
MILE 386.85	594.72	35320.	0.64	54927.	5012.	5.58	0.0210	0.	36.	0.03
MILE 382.64	594.68	35919.	0.49	73130.	9154.	5.84	0.0210	0.	31.	0.03
MILE 378.44	594.66	35290.	0.58	60837.	11979.	5.40	0.0210	0.	38.	0.05
MILE 374.23	594.66	31592.	0.31	101573.	13796.	6.41	0.0210	0.	36.	0.02
MILE 370.03	594.66	28129.	0.25	112046.	8083.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.65	26666.	0.21	127420.	7711.	6.85	0.0210	0.	41.	0.01
MILE 361.62	594.65	24949.	0.22	115864.	12724.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.65	24102.	0.17	139329.	24175.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.64	23580.	0.21	111815.	6787.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.63	23611.	0.20	117204.	3839.	9.81	0.0240	0.	60.	0.01

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.53	0.	0.00	18039.	1421.	6.41	0.0230	570.	19.	0.00
MILE 420.49	594.46	2058.	0.12	16953.	1346.	4.99	0.0230	0.	15.	0.01
MILE 416.28	594.49	3099.	0.17	18108.	1589.	5.53	0.0270	0.	15.	0.01
MILE 412.08	594.57	7242.	0.31	23256.	1979.	6.09	0.0270	0.	18.	0.02
MILE 407.88	594.58	9668.	0.38	25534.	1699.	6.59	0.0270	0.	18.	0.02
MILE 403.67	594.62	10819.	0.42	25863.	1343.	7.19	0.0240	0.	21.	0.02
MILE 399.47	594.67	16371.	0.47	34510.	5422.	7.80	0.0220	0.	31.	0.03
MILE 395.26	594.69	20281.	0.60	33613.	9536.	9.45	0.0220	0.	36.	0.06
MILE 391.06	594.68	24985.	0.60	41594.	2461.	7.43	0.0220	0.	28.	0.03
MILE 386.85	594.67	26441.	0.48	54734.	5001.	5.57	0.0210	0.	36.	0.03
MILE 382.64	594.68	27207.	0.37	73082.	9150.	5.83	0.0210	0.	31.	0.02
MILE 378.44	594.68	28154.	0.46	60945.	11989.	5.40	0.0210	0.	38.	0.04
MILE 374.23	594.68	27608.	0.27	101731.	13812.	6.41	0.0210	0.	36.	0.02
MILE 370.03	594.68	26268.	0.23	112184.	8091.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.67	25951.	0.20	127532.	7714.	6.85	0.0210	0.	41.	0.01
MILE 361.62	594.66	25713.	0.22	115911.	12729.	7.87	0.0210	0.	49.	0.01
MILE 357.41	594.66	24871.	0.18	139378.	24183.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.66	23238.	0.21	111873.	6792.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.66	22701.	0.19	117318.	3839.	9.82	0.0240	0.	60.	0.01

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.48	1976.	0.11	17982.	1417.	6.40	0.0230	567.	18.	0.01
MILE 420.49	594.45	2933.	0.17	16935.	1346.	4.99	0.0230	0.	15.	0.01
MILE 416.28	594.45	2926.	0.16	18050.	1587.	5.52	0.0270	0.	15.	0.01

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MILE 412.08	594.44	3005.	0.13	23061.	1967.	6.06	0.0270	0.	18.	0.01
MILE 407.88	594.40	2274.	0.09	25266.	1690.	6.55	0.0270	0.	18.	0.00
MILE 403.67	594.43	2603.	0.10	25612.	1341.	7.15	0.0240	0.	21.	0.00
MILE 399.47	594.50	6425.	0.19	34201.	5379.	7.78	0.0220	0.	30.	0.01
MILE 395.26	594.55	8713.	0.26	33441.	9474.	9.43	0.0220	0.	36.	0.02
MILE 391.06	594.60	13253.	0.32	41369.	2452.	7.43	0.0220	0.	28.	0.01
MILE 386.85	594.63	15445.	0.28	54553.	4991.	5.56	0.0210	0.	36.	0.02
MILE 382.64	594.65	17113.	0.23	72951.	9139.	5.83	0.0210	0.	31.	0.01
MILE 378.44	594.66	19653.	0.32	60831.	11978.	5.40	0.0210	0.	38.	0.03
MILE 374.23	594.67	22817.	0.22	101621.	13800.	6.41	0.0210	0.	36.	0.01
MILE 370.03	594.67	25301.	0.23	112123.	8088.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.67	25746.	0.20	127542.	7715.	6.85	0.0210	0.	41.	0.01
MILE 361.62	594.67	25209.	0.22	115961.	12735.	7.87	0.0210	0.	49.	0.01
MILE 357.41	594.67	24674.	0.18	139448.	24196.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.66	24552.	0.22	111890.	6793.	9.29	0.0230	0.	58.	0.01
MILE 349.00	594.65	24447.	0.21	117280.	3839.	9.82	0.0240	0.	60.	0.01

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.86	9811.	0.53	18404.	1443.	6.49	0.0230	564.	19.	0.03
MILE 420.49	594.75	10058.	0.58	17388.	1350.	5.06	0.0230	0.	16.	0.03
MILE 416.28	594.70	9732.	0.53	18390.	1601.	5.58	0.0270	0.	15.	0.03
MILE 412.08	594.56	5090.	0.22	23242.	1978.	6.09	0.0270	0.	18.	0.01
MILE 407.88	594.49	2238.	0.09	25400.	1694.	6.57	0.0270	0.	18.	0.00
MILE 403.67	594.46	1760.	0.07	25652.	1341.	7.15	0.0240	0.	21.	0.00
MILE 399.47	594.45	-1160.	-0.03	34120.	5367.	7.77	0.0220	0.	30.	0.00
MILE 395.26	594.45	-2073.	-0.06	33320.	9430.	9.42	0.0220	0.	36.	-0.01
MILE 391.06	594.50	1501.	0.04	41105.	2441.	7.42	0.0220	0.	28.	0.00
MILE 386.85	594.54	3642.	0.07	54205.	4971.	5.55	0.0210	0.	35.	0.00
MILE 382.64	594.58	6025.	0.08	72584.	9109.	5.81	0.0210	0.	31.	0.01
MILE 378.44	594.61	10799.	0.18	60558.	11950.	5.40	0.0210	0.	38.	0.01
MILE 374.23	594.63	14255.	0.14	101419.	13780.	6.40	0.0210	0.	36.	0.01
MILE 370.03	594.64	17452.	0.16	111962.	8078.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.65	19464.	0.15	127387.	7710.	6.84	0.0210	0.	41.	0.01
MILE 361.62	594.65	22927.	0.20	115856.	12723.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.65	26771.	0.19	139310.	24171.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.63	33520.	0.30	111768.	6783.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.60	34880.	0.30	117090.	3838.	9.81	0.0240	0.	60.	0.01

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.03	11693.	0.63	18596.	1478.	6.53	0.0230	559.	19.	0.03
MILE 420.49	594.88	11405.	0.65	17594.	1351.	5.10	0.0230	0.	16.	0.03
MILE 416.28	594.82	11111.	0.60	18556.	1607.	5.61	0.0270	0.	16.	0.03
MILE 412.08	594.71	8220.	0.35	23473.	1992.	6.12	0.0270	0.	18.	0.02
MILE 407.88	594.70	8249.	0.32	25715.	1704.	6.62	0.0270	0.	18.	0.01
MILE 403.67	594.63	8619.	0.33	25877.	1343.	7.19	0.0240	0.	21.	0.01
MILE 399.47	594.53	2324.	0.07	34263.	5387.	7.78	0.0220	0.	30.	0.00
MILE 395.26	594.50	1.	0.00	33378.	9451.	9.43	0.0220	0.	36.	0.00
MILE 391.06	594.49	-4621.	-0.11	41079.	2440.	7.42	0.0220	0.	28.	0.00
MILE 386.85	594.50	-5866.	-0.11	54017.	4960.	5.54	0.0210	0.	35.	-0.01
MILE 382.64	594.52	-5666.	-0.08	72249.	9081.	5.80	0.0210	0.	31.	0.00
MILE 378.44	594.54	-2826.	-0.05	60178.	11912.	5.40	0.0210	0.	38.	0.00
MILE 374.23	594.57	3865.	0.04	100999.	13736.	6.39	0.0210	0.	36.	0.00
MILE 370.03	594.58	11477.	0.10	111558.	8053.	6.92	0.0210	0.	45.	0.00
MILE 365.82	594.58	16157.	0.13	126905.	7694.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.58	23651.	0.20	115479.	12680.	7.85	0.0210	0.	49.	0.01
MILE 357.41	594.57	30377.	0.22	138820.	24085.	7.83	0.0210	0.	58.	0.02
MILE 353.21	594.56	41466.	0.37	111472.	6759.	9.26	0.0230	0.	58.	0.02
MILE 349.00	594.53	43942.	0.38	116824.	3836.	9.79	0.0240	0.	60.	0.01

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.65	19827.	1.03	19276.	1935.	6.67	0.0230	554.	20.	0.06
MILE 420.49	595.23	18326.	1.01	18122.	1441.	5.19	0.0230	0.	16.	0.05
MILE 416.28	595.08	18182.	0.96	18922.	1645.	5.68	0.0270	0.	16.	0.05
MILE 412.08	594.80	14395.	0.61	23616.	2000.	6.14	0.0270	0.	18.	0.03
MILE 407.88	594.73	11132.	0.43	25756.	1706.	6.62	0.0270	0.	18.	0.02
MILE 403.67	594.69	10738.	0.41	25952.	1344.	7.20	0.0240	0.	21.	0.02
MILE 399.47	594.64	8630.	0.25	34454.	5414.	7.80	0.0220	0.	31.	0.02
MILE 395.26	594.64	7830.	0.23	33553.	9515.	9.45	0.0220	0.	36.	0.02
MILE 391.06	594.59	-231.	-0.01	41360.	2451.	7.43	0.0220	0.	28.	0.00
MILE 386.85	594.55	-2719.	-0.05	54244.	4973.	5.55	0.0210	0.	35.	0.00
MILE 382.64	594.52	-4030.	-0.06	72269.	9083.	5.80	0.0210	0.	31.	0.00
MILE 378.44	594.49	-5168.	-0.09	59852.	11879.	5.39	0.0210	0.	38.	-0.01
MILE 374.23	594.47	192.	0.00	100389.	13673.	6.36	0.0210	0.	36.	0.00
MILE 370.03	594.47	8955.	0.08	110879.	8010.	6.89	0.0210	0.	44.	0.00
MILE 365.82	594.46	14685.	0.12	126083.	7667.	6.81	0.0210	0.	41.	0.01
MILE 361.62	594.47	23735.	0.21	114891.	12613.	7.82	0.0210	0.	49.	0.01
MILE 357.41	594.47	31061.	0.22	138175.	23971.	7.82	0.0210	0.	58.	0.02
MILE 353.21	594.47	42135.	0.38	111115.	6731.	9.25	0.0230	0.	58.	0.02
MILE 349.00	594.46	44357.	0.38	116557.	3833.	9.78	0.0240	0.	60.	0.01

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.75	19920.	1.03	19393.	2013.	6.70	0.0230	551.	20.	0.06
MILE 420.49	595.34	19545.	1.07	18296.	1485.	5.22	0.0230	0.	16.	0.05
MILE 416.28	595.25	19141.	1.00	19153.	1701.	5.72	0.0270	0.	16.	0.05
MILE 412.08	595.03	17687.	0.74	23966.	2024.	6.20	0.0270	0.	18.	0.04
MILE 407.88	594.91	17053.	0.65	26036.	1715.	6.67	0.0270	0.	19.	0.03
MILE 403.67	594.84	17114.	0.65	26162.	1346.	7.24	0.0240	0.	22.	0.03
MILE 399.47	594.76	12669.	0.37	34682.	5446.	7.81	0.0220	0.	31.	0.03
MILE 395.26	594.68	9094.	0.27	33600.	9532.	9.45	0.0220	0.	36.	0.03
MILE 391.06	594.62	10779.	0.26	41429.	2454.	7.43	0.0220	0.	28.	0.01
MILE 386.85	594.57	11722.	0.22	54319.	4978.	5.55	0.0210	0.	35.	0.01
MILE 382.64	594.52	12251.	0.17	72292.	9085.	5.80	0.0210	0.	31.	0.01
MILE 378.44	594.47	12419.	0.21	59762.	11870.	5.39	0.0210	0.	38.	0.02
MILE 374.23	594.43	13169.	0.13	100151.	13649.	6.35	0.0210	0.	36.	0.01
MILE 370.03	594.41	14329.	0.13	110525.	7988.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.38	15969.	0.13	125516.	7648.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.37	20044.	0.18	114398.	12557.	7.80	0.0210	0.	49.	0.01
MILE 357.41	594.37	24994.	0.18	137540.	23858.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.38	33882.	0.31	110753.	6702.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.39	35913.	0.31	116291.	3831.	9.76	0.0240	0.	60.	0.01

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.83	19933.	1.02	19479.	2071.	6.71	0.0230	548.	20.	0.06
MILE 420.49	595.42	19881.	1.08	18418.	1516.	5.24	0.0230	0.	16.	0.05
MILE 416.28	595.31	19624.	1.02	19241.	1723.	5.74	0.0270	0.	16.	0.05
MILE 412.08	595.09	18932.	0.79	24067.	2036.	6.21	0.0270	0.	18.	0.04
MILE 407.88	594.95	18082.	0.69	26090.	1716.	6.68	0.0270	0.	19.	0.03
MILE 403.67	594.86	18441.	0.70	26184.	1346.	7.24	0.0240	0.	22.	0.03
MILE 399.47	594.77	20409.	0.59	34695.	5448.	7.81	0.0220	0.	31.	0.04
MILE 395.26	594.71	22178.	0.66	33634.	9544.	9.46	0.0220	0.	36.	0.06
MILE 391.06	594.61	22899.	0.55	41394.	2453.	7.43	0.0220	0.	28.	0.02
MILE 386.85	594.54	22443.	0.41	54171.	4969.	5.55	0.0210	0.	35.	0.02
MILE 382.64	594.48	23052.	0.32	72081.	9068.	5.79	0.0210	0.	31.	0.02
MILE 378.44	594.46	26356.	0.44	59686.	11862.	5.39	0.0210	0.	38.	0.03
MILE 374.23	594.43	27739.	0.28	100161.	13650.	6.35	0.0210	0.	36.	0.02
MILE 370.03	594.41	27283.	0.25	110519.	7988.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.37	26395.	0.21	125422.	7645.	6.79	0.0210	0.	41.	0.01

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MILE 361.62	594.35	24614.	0.22	114268.	12542.	7.80	0.0210	0.	49.	0.01
MILE 357.41	594.34	23270.	0.17	137309.	23818.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.34	22228.	0.20	110600.	6689.	9.22	0.0230	0.	57.	0.01
MILE 349.00	594.35	23014.	0.20	116138.	3830.	9.76	0.0240	0.	60.	0.01

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.88	19915.	1.02	19537.	2110.	6.73	0.0230	543.	20.	0.06
MILE 420.49	595.45	19997.	1.08	18461.	1527.	5.25	0.0230	0.	16.	0.05
MILE 416.28	595.32	19985.	1.04	19251.	1725.	5.74	0.0270	0.	16.	0.05
MILE 412.08	595.07	20600.	0.86	24032.	2032.	6.21	0.0270	0.	18.	0.04
MILE 407.88	594.90	21633.	0.83	26012.	1714.	6.67	0.0270	0.	19.	0.04
MILE 403.67	594.81	22436.	0.86	26114.	1346.	7.23	0.0240	0.	22.	0.03
MILE 399.47	594.73	24482.	0.71	34617.	5437.	7.81	0.0220	0.	31.	0.05
MILE 395.26	594.66	26946.	0.80	33575.	9523.	9.45	0.0220	0.	36.	0.08
MILE 391.06	594.58	29583.	0.72	41323.	2450.	7.43	0.0220	0.	28.	0.03
MILE 386.85	594.53	31017.	0.57	54145.	4968.	5.55	0.0210	0.	35.	0.03
MILE 382.64	594.48	31562.	0.44	72078.	9067.	5.79	0.0210	0.	31.	0.03
MILE 378.44	594.43	30556.	0.51	59570.	11851.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.40	30718.	0.31	99983.	13631.	6.35	0.0210	0.	36.	0.02
MILE 370.03	594.39	32088.	0.29	110429.	7983.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.38	31969.	0.25	125475.	7647.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.38	30478.	0.27	114411.	12559.	7.80	0.0210	0.	49.	0.02
MILE 357.41	594.37	27784.	0.20	137549.	23860.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.37	22210.	0.20	110708.	6698.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.35	21564.	0.19	116138.	3830.	9.76	0.0240	0.	60.	0.01

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.87	19933.	1.02	19531.	2106.	6.72	0.0230	538.	20.	0.06
MILE 420.49	595.45	21067.	1.14	18453.	1525.	5.25	0.0230	0.	16.	0.06
MILE 416.28	595.31	21588.	1.12	19238.	1722.	5.74	0.0270	0.	16.	0.06
MILE 412.08	595.04	22277.	0.93	23986.	2026.	6.20	0.0270	0.	18.	0.05
MILE 407.88	594.85	23173.	0.89	25945.	1712.	6.65	0.0270	0.	19.	0.04
MILE 403.67	594.75	23868.	0.92	26040.	1345.	7.22	0.0240	0.	21.	0.04
MILE 399.47	594.67	26011.	0.75	34504.	5421.	7.80	0.0220	0.	31.	0.05
MILE 395.26	594.61	27232.	0.81	33509.	9499.	9.44	0.0220	0.	36.	0.08
MILE 391.06	594.53	29669.	0.72	41172.	2444.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.48	30865.	0.57	53944.	4956.	5.54	0.0210	0.	35.	0.03

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MILE 382.64	594.45	31794.	0.44	71883.	9051.	5.78	0.0210	0.	31.	0.03
MILE 378.44	594.42	33065.	0.56	59508.	11844.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.42	32877.	0.33	100069.	13640.	6.35	0.0210	0.	36.	0.02
MILE 370.03	594.41	30368.	0.27	110559.	7991.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.40	28881.	0.23	125634.	7652.	6.80	0.0210	0.	41.	0.01
MILE 361.62	594.40	27794.	0.24	114517.	12570.	7.81	0.0210	0.	49.	0.01
MILE 357.41	594.39	27496.	0.20	137687.	23885.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.39	25740.	0.23	110820.	6707.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.39	25008.	0.22	116290.	3831.	9.76	0.0240	0.	60.	0.01

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	596.32	28216.	1.41	20026.	2437.	6.83	0.0230	534.	20.	0.09
MILE 420.49	595.66	27396.	1.46	18778.	1607.	5.31	0.0230	0.	17.	0.08
MILE 416.28	595.44	26616.	1.37	19412.	1765.	5.77	0.0270	0.	16.	0.07
MILE 412.08	595.04	24882.	1.04	23992.	2027.	6.20	0.0270	0.	18.	0.05
MILE 407.88	594.81	23957.	0.93	25886.	1710.	6.65	0.0270	0.	19.	0.04
MILE 403.67	594.71	24093.	0.93	25977.	1344.	7.21	0.0240	0.	21.	0.04
MILE 399.47	594.62	25424.	0.74	34417.	5409.	7.79	0.0220	0.	31.	0.05
MILE 395.26	594.56	26341.	0.79	33448.	9477.	9.43	0.0220	0.	36.	0.07
MILE 391.06	594.49	28405.	0.69	41070.	2439.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.46	28678.	0.53	53848.	4951.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.43	28740.	0.40	71822.	9046.	5.78	0.0210	0.	31.	0.03
MILE 378.44	594.43	29138.	0.49	59522.	11846.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.42	28636.	0.29	100101.	13643.	6.35	0.0210	0.	36.	0.02
MILE 370.03	594.42	28705.	0.26	110601.	7993.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.41	28266.	0.22	125727.	7655.	6.80	0.0210	0.	41.	0.01
MILE 361.62	594.41	27543.	0.24	114597.	12580.	7.81	0.0210	0.	49.	0.01
MILE 357.41	594.40	27817.	0.20	137727.	23892.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.39	29638.	0.27	110796.	6705.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.36	30615.	0.26	116176.	3830.	9.76	0.0240	0.	60.	0.01

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.08	39469.	1.89	20876.	3004.	7.00	0.0230	531.	21.	0.13
MILE 420.49	596.08	36091.	1.86	19415.	1767.	5.42	0.0230	0.	17.	0.10
MILE 416.28	595.74	33282.	1.68	19824.	1865.	5.84	0.0270	0.	17.	0.09
MILE 412.08	595.20	29642.	1.22	24229.	2055.	6.24	0.0270	0.	19.	0.06
MILE 407.88	594.89	27597.	1.06	26003.	1714.	6.66	0.0270	0.	19.	0.05

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MILE 403.67	594.74	27250.	1.05	26019.	1345.	7.21	0.0240	0.	21.	0.04
MILE 399.47	594.61	25973.	0.76	34397.	5406.	7.79	0.0220	0.	31.	0.05
MILE 395.26	594.54	25445.	0.76	33425.	9468.	9.43	0.0220	0.	36.	0.07
MILE 391.06	594.49	25346.	0.62	41066.	2439.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.46	25589.	0.47	53877.	4952.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.44	25764.	0.36	71865.	9050.	5.78	0.0210	0.	31.	0.02
MILE 378.44	594.43	25779.	0.43	59525.	11846.	5.39	0.0210	0.	38.	0.03
MILE 374.23	594.42	25454.	0.25	100065.	13640.	6.35	0.0210	0.	36.	0.02
MILE 370.03	594.41	27044.	0.24	110521.	7988.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.39	28660.	0.23	125577.	7650.	6.80	0.0210	0.	41.	0.01
MILE 361.62	594.39	31431.	0.27	114470.	12565.	7.81	0.0210	0.	49.	0.02
MILE 357.41	594.38	32452.	0.24	137621.	23873.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.38	33046.	0.30	110782.	6704.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.38	32770.	0.28	116252.	3831.	9.76	0.0240	0.	60.	0.01

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.01	52075.	2.38	21924.	3701.	7.21	0.0230	528.	22.	0.17
MILE 420.49	596.65	45810.	2.26	20294.	1987.	5.57	0.0230	0.	18.	0.12
MILE 416.28	596.17	40863.	2.00	20425.	2011.	5.95	0.0270	0.	17.	0.11
MILE 412.08	595.46	36049.	1.46	24634.	2103.	6.30	0.0270	0.	19.	0.08
MILE 407.88	595.05	32913.	1.25	26242.	1736.	6.70	0.0270	0.	19.	0.06
MILE 403.67	594.84	32011.	1.22	26161.	1346.	7.24	0.0240	0.	22.	0.05
MILE 399.47	594.67	29010.	0.84	34515.	5423.	7.80	0.0220	0.	31.	0.06
MILE 395.26	594.58	27527.	0.82	33476.	9487.	9.44	0.0220	0.	36.	0.08
MILE 391.06	594.51	24850.	0.60	41114.	2441.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.47	24057.	0.45	53882.	4953.	5.54	0.0210	0.	35.	0.02
MILE 382.64	594.44	23849.	0.33	71836.	9047.	5.78	0.0210	0.	31.	0.02
MILE 378.44	594.42	24695.	0.42	59463.	11840.	5.39	0.0210	0.	38.	0.03
MILE 374.23	594.40	28356.	0.28	99967.	13630.	6.35	0.0210	0.	36.	0.02
MILE 370.03	594.39	29662.	0.27	110437.	7983.	6.88	0.0210	0.	44.	0.01
MILE 365.82	594.38	29783.	0.24	125488.	7647.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.37	30219.	0.26	114393.	12556.	7.80	0.0210	0.	49.	0.02
MILE 357.41	594.36	31915.	0.23	137473.	23847.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.35	37002.	0.33	110639.	6693.	9.22	0.0230	0.	57.	0.01
MILE 349.00	594.32	38416.	0.33	116024.	3829.	9.75	0.0240	0.	60.	0.01

0DATE 5-03-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	598.65	58027.	2.56	22651.	4181.	7.35	0.0230	525.	23.	0.19
MILE 420.49	597.16	51765.	2.46	21081.	2184.	5.70	0.0230	0.	18.	0.14
MILE 416.28	596.62	46685.	2.22	21047.	2161.	6.06	0.0270	0.	17.	0.13
MILE 412.08	595.78	42278.	1.68	25141.	2163.	6.37	0.0270	0.	19.	0.09
MILE 407.88	595.26	38835.	1.46	26581.	1814.	6.75	0.0270	0.	19.	0.07
MILE 403.67	595.00	37613.	1.43	26373.	1348.	7.27	0.0240	0.	22.	0.06
MILE 399.47	594.78	33894.	0.98	34711.	5450.	7.81	0.0220	0.	31.	0.07
MILE 395.26	594.65	31682.	0.94	33566.	9519.	9.45	0.0220	0.	36.	0.09
MILE 391.06	594.55	28654.	0.69	41232.	2446.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.49	28005.	0.52	53963.	4957.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.44	27857.	0.39	71839.	9048.	5.78	0.0210	0.	31.	0.02
MILE 378.44	594.41	27486.	0.46	59408.	11834.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.39	26701.	0.27	99886.	13621.	6.34	0.0210	0.	36.	0.02
MILE 370.03	594.37	28799.	0.26	110313.	7975.	6.87	0.0210	0.	44.	0.01
MILE 365.82	594.35	31126.	0.25	125267.	7640.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.33	35552.	0.31	114190.	12533.	7.79	0.0210	0.	49.	0.02
MILE 357.41	594.32	39296.	0.29	137202.	23798.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.30	45865.	0.42	110451.	6677.	9.21	0.0230	0.	57.	0.02
MILE 349.00	594.26	47776.	0.41	115796.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.46	48091.	2.14	22439.	4042.	7.31	0.0230	522.	22.	0.16
MILE 420.49	597.29	47410.	2.23	21278.	2233.	5.73	0.0230	0.	18.	0.13
MILE 416.28	596.85	46643.	2.18	21373.	2240.	6.11	0.0270	0.	18.	0.12
MILE 412.08	596.03	45538.	1.78	25536.	2210.	6.43	0.0270	0.	19.	0.09
MILE 407.88	595.46	43527.	1.62	26881.	1884.	6.79	0.0270	0.	19.	0.08
MILE 403.67	595.15	42548.	1.60	26623.	1389.	7.29	0.0240	0.	22.	0.06
MILE 399.47	594.89	39829.	1.14	34918.	5479.	7.83	0.0220	0.	31.	0.08
MILE 395.26	594.73	38106.	1.13	33668.	9556.	9.46	0.0220	0.	36.	0.11
MILE 391.06	594.60	35173.	0.85	41379.	2452.	7.43	0.0220	0.	28.	0.04
MILE 386.85	594.52	33568.	0.62	54099.	4965.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.45	32411.	0.45	71926.	9055.	5.78	0.0210	0.	31.	0.03
MILE 378.44	594.40	31463.	0.53	59400.	11833.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.37	33794.	0.34	99754.	13608.	6.34	0.0210	0.	36.	0.02
MILE 370.03	594.34	36618.	0.33	110114.	7963.	6.86	0.0210	0.	44.	0.02
MILE 365.82	594.31	38263.	0.31	124954.	7630.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.29	40131.	0.35	113960.	12507.	7.78	0.0210	0.	49.	0.02
MILE 357.41	594.30	37057.	0.27	137090.	23779.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.35	24366.	0.22	110629.	6692.	9.22	0.0230	0.	57.	0.01
MILE 349.00	594.43	20509.	0.18	116442.	3833.	9.77	0.0240	0.	60.	0.01

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.16	40849.	1.85	22093.	3813.	7.24	0.0230	518.	22.	0.14
MILE 420.49	597.20	42668.	2.02	21142.	2199.	5.71	0.0230	0.	18.	0.11
MILE 416.28	596.83	43915.	2.06	21348.	2234.	6.11	0.0270	0.	18.	0.12
MILE 412.08	596.08	44769.	1.75	25616.	2220.	6.44	0.0270	0.	19.	0.09
MILE 407.88	595.52	44751.	1.66	26985.	1908.	6.81	0.0270	0.	19.	0.08
MILE 403.67	595.22	44555.	1.67	26750.	1410.	7.30	0.0240	0.	22.	0.07
MILE 399.47	594.97	43799.	1.25	35066.	5499.	7.84	0.0220	0.	31.	0.09
MILE 395.26	594.81	42704.	1.26	33758.	9589.	9.47	0.0220	0.	36.	0.12
MILE 391.06	594.64	40243.	0.97	41503.	2457.	7.43	0.0220	0.	28.	0.04
MILE 386.85	594.54	39671.	0.73	54192.	4970.	5.55	0.0210	0.	35.	0.04
MILE 382.64	594.46	39763.	0.55	71939.	9056.	5.78	0.0210	0.	31.	0.03
MILE 378.44	594.39	40383.	0.68	59334.	11827.	5.39	0.0210	0.	38.	0.05
MILE 374.23	594.36	41357.	0.41	99682.	13600.	6.34	0.0210	0.	36.	0.03
MILE 370.03	594.35	37877.	0.34	110192.	7968.	6.87	0.0210	0.	44.	0.02
MILE 365.82	594.37	31737.	0.25	125377.	7644.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.39	19744.	0.17	114471.	12565.	7.81	0.0210	0.	49.	0.01
MILE 357.41	594.40	13786.	0.10	137702.	23887.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.40	8594.	0.08	110831.	6708.	9.23	0.0230	0.	57.	0.00
MILE 349.00	594.39	8010.	0.07	116291.	3831.	9.76	0.0240	0.	60.	0.00

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.87	36678.	1.68	21774.	3601.	7.18	0.0230	516.	22.	0.12
MILE 420.49	597.04	39349.	1.88	20889.	2136.	5.66	0.0230	0.	18.	0.11
MILE 416.28	596.71	41214.	1.95	21172.	2191.	6.08	0.0270	0.	18.	0.11
MILE 412.08	596.03	42739.	1.67	25524.	2209.	6.43	0.0270	0.	19.	0.09
MILE 407.88	595.51	43617.	1.62	26963.	1903.	6.80	0.0270	0.	19.	0.08
MILE 403.67	595.23	43809.	1.64	26765.	1412.	7.30	0.0240	0.	22.	0.07
MILE 399.47	595.00	44080.	1.26	35112.	5505.	7.84	0.0220	0.	31.	0.09
MILE 395.26	594.83	44302.	1.31	33791.	9601.	9.48	0.0220	0.	36.	0.12
MILE 391.06	594.65	45062.	1.09	41524.	2458.	7.43	0.0220	0.	28.	0.05
MILE 386.85	594.54	45127.	0.83	54195.	4971.	5.55	0.0210	0.	35.	0.04
MILE 382.64	594.46	44574.	0.62	71967.	9058.	5.78	0.0210	0.	31.	0.04
MILE 378.44	594.43	40929.	0.69	59549.	11848.	5.39	0.0210	0.	38.	0.05
MILE 374.23	594.45	27855.	0.28	100254.	13659.	6.36	0.0210	0.	36.	0.02
MILE 370.03	594.45	18079.	0.16	110809.	8006.	6.89	0.0210	0.	44.	0.01
MILE 365.82	594.45	16070.	0.13	126004.	7664.	6.81	0.0210	0.	41.	0.01
MILE 361.62	594.45	15306.	0.13	114824.	12605.	7.82	0.0210	0.	49.	0.01
MILE 357.41	594.46	13039.	0.09	138086.	23955.	7.82	0.0210	0.	58.	0.01
MILE 353.21	594.46	7813.	0.07	111069.	6727.	9.24	0.0230	0.	58.	0.00

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MILE 349.00 594.45 7208. 0.06 116518. 3833. 9.78 0.0240 0. 60. 0.00

ODATE 5-03-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.13	24858.	1.19	20938.	3046.	7.01	0.0230	515.	21.	0.08
MILE 420.49	596.60	30331.	1.50	20218.	1968.	5.55	0.0230	0.	18.	0.08
MILE 416.28	596.42	34840.	1.68	20771.	2095.	6.01	0.0270	0.	17.	0.09
MILE 412.08	595.89	39016.	1.54	25315.	2184.	6.40	0.0270	0.	19.	0.08
MILE 407.88	595.44	41508.	1.55	26863.	1880.	6.79	0.0270	0.	19.	0.07
MILE 403.67	595.20	42258.	1.58	26702.	1402.	7.29	0.0240	0.	22.	0.06
MILE 399.47	594.98	43805.	1.25	35071.	5500.	7.84	0.0220	0.	31.	0.09
MILE 395.26	594.82	44604.	1.32	33778.	9596.	9.47	0.0220	0.	36.	0.12
MILE 391.06	594.67	44333.	1.07	41586.	2460.	7.43	0.0220	0.	28.	0.05
MILE 386.85	594.60	42191.	0.78	54420.	4983.	5.56	0.0210	0.	35.	0.04
MILE 382.64	594.56	38400.	0.53	72462.	9099.	5.81	0.0210	0.	31.	0.03
MILE 378.44	594.54	31053.	0.52	60140.	11908.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.52	28052.	0.28	100693.	13705.	6.37	0.0210	0.	36.	0.02
MILE 370.03	594.51	21978.	0.20	111162.	8028.	6.90	0.0210	0.	45.	0.01
MILE 365.82	594.51	18653.	0.15	126374.	7676.	6.82	0.0210	0.	41.	0.01
MILE 361.62	594.50	13822.	0.12	115063.	12633.	7.83	0.0210	0.	49.	0.01
MILE 357.41	594.49	10480.	0.08	138326.	23998.	7.82	0.0210	0.	58.	0.01
MILE 353.21	594.50	7743.	0.07	111229.	6740.	9.25	0.0230	0.	58.	0.00
MILE 349.00	594.50	6786.	0.06	116709.	3835.	9.79	0.0240	0.	60.	0.00

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	596.39	17199.	0.86	20111.	2494.	6.84	0.0230	514.	20.	0.05
MILE 420.49	596.05	22852.	1.18	19370.	1756.	5.41	0.0230	0.	17.	0.06
MILE 416.28	595.95	27545.	1.37	20125.	1938.	5.90	0.0270	0.	17.	0.07
MILE 412.08	595.59	32724.	1.32	24838.	2127.	6.33	0.0270	0.	19.	0.07
MILE 407.88	595.25	36571.	1.38	26563.	1810.	6.75	0.0270	0.	19.	0.06
MILE 403.67	595.08	37816.	1.43	26510.	1370.	7.28	0.0240	0.	22.	0.06
MILE 399.47	594.93	40004.	1.14	34989.	5488.	7.83	0.0220	0.	31.	0.08
MILE 395.26	594.84	39825.	1.18	33794.	9602.	9.48	0.0220	0.	36.	0.11
MILE 391.06	594.74	36620.	0.88	41780.	2468.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.68	36046.	0.66	54765.	5003.	5.57	0.0210	0.	36.	0.04
MILE 382.64	594.63	35916.	0.49	72833.	9129.	5.82	0.0210	0.	31.	0.03
MILE 378.44	594.60	34708.	0.57	60461.	11941.	5.40	0.0210	0.	38.	0.04
MILE 374.23	594.58	29267.	0.29	101092.	13746.	6.39	0.0210	0.	36.	0.02

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MILE 370.03	594.57	25735.	0.23	111503.	8049.	6.92	0.0210	0.	45.	0.01
MILE 365.82	594.55	23916.	0.19	126704.	7687.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.55	19587.	0.17	115301.	12660.	7.84	0.0210	0.	49.	0.01
MILE 357.41	594.55	13945.	0.10	138669.	24058.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.55	3858.	0.03	111455.	6758.	9.26	0.0230	0.	58.	0.00
MILE 349.00	594.56	1522.	0.01	116937.	3836.	9.80	0.0240	0.	60.	0.00

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.99	17000.	0.86	19665.	2195.	6.75	0.0230	512.	20.	0.05
MILE 420.49	595.66	20993.	1.12	18773.	1605.	5.31	0.0230	0.	17.	0.06
MILE 416.28	595.55	23907.	1.22	19570.	1803.	5.80	0.0270	0.	16.	0.07
MILE 412.08	595.26	26837.	1.10	24323.	2066.	6.25	0.0270	0.	19.	0.06
MILE 407.88	595.04	29147.	1.11	26225.	1732.	6.70	0.0270	0.	19.	0.05
MILE 403.67	594.95	29855.	1.13	26308.	1347.	7.26	0.0240	0.	22.	0.05
MILE 399.47	594.88	30964.	0.89	34898.	5476.	7.83	0.0220	0.	31.	0.06
MILE 395.26	594.83	31837.	0.94	33786.	9599.	9.47	0.0220	0.	36.	0.09
MILE 391.06	594.74	34312.	0.82	41783.	2468.	7.44	0.0220	0.	28.	0.04
MILE 386.85	594.69	34159.	0.62	54821.	5006.	5.57	0.0210	0.	36.	0.03
MILE 382.64	594.66	33413.	0.46	73008.	9144.	5.83	0.0210	0.	31.	0.03
MILE 378.44	594.64	32216.	0.53	60697.	11965.	5.40	0.0210	0.	38.	0.04
MILE 374.23	594.63	30603.	0.30	101380.	13776.	6.40	0.0210	0.	36.	0.02
MILE 370.03	594.62	26853.	0.24	111849.	8071.	6.93	0.0210	0.	45.	0.01
MILE 365.82	594.62	23541.	0.19	127196.	7703.	6.84	0.0210	0.	41.	0.01
MILE 361.62	594.62	17436.	0.15	115688.	12704.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.61	13510.	0.10	139087.	24132.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.61	7052.	0.06	111677.	6776.	9.27	0.0230	0.	58.	0.00
MILE 349.00	594.60	5167.	0.04	117089.	3838.	9.81	0.0240	0.	60.	0.00

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.79	18242.	0.94	19439.	2044.	6.71	0.0230	510.	20.	0.05
MILE 420.49	595.44	20477.	1.11	18445.	1523.	5.25	0.0230	0.	16.	0.06
MILE 416.28	595.34	21737.	1.13	19273.	1731.	5.74	0.0270	0.	16.	0.06
MILE 412.08	595.09	22498.	0.93	24071.	2036.	6.21	0.0270	0.	18.	0.05
MILE 407.88	594.94	23347.	0.90	26073.	1716.	6.67	0.0270	0.	19.	0.04
MILE 403.67	594.87	23911.	0.91	26197.	1346.	7.24	0.0240	0.	22.	0.04
MILE 399.47	594.81	25739.	0.74	34766.	5458.	7.82	0.0220	0.	31.	0.05
MILE 395.26	594.78	26657.	0.79	33718.	9575.	9.47	0.0220	0.	36.	0.07

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MILE 391.06	594.72	28499.	0.68	41730.	2466.	7.44	0.0220	0.	28.	0.03
MILE 386.85	594.69	29460.	0.54	54822.	5006.	5.57	0.0210	0.	36.	0.03
MILE 382.64	594.68	29794.	0.41	73082.	9150.	5.83	0.0210	0.	31.	0.03
MILE 378.44	594.67	28905.	0.47	60884.	11983.	5.40	0.0210	0.	38.	0.04
MILE 374.23	594.67	24806.	0.24	101669.	13805.	6.41	0.0210	0.	36.	0.02
MILE 370.03	594.67	20581.	0.18	112137.	8088.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.67	19123.	0.15	127528.	7714.	6.85	0.0210	0.	41.	0.01
MILE 361.62	594.67	17729.	0.15	115933.	12732.	7.87	0.0210	0.	49.	0.01
MILE 357.41	594.66	17413.	0.12	139378.	24183.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.64	16063.	0.14	111812.	6787.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.61	16000.	0.14	117128.	3838.	9.81	0.0240	0.	60.	0.00

ODATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.76	19596.	1.01	19407.	2022.	6.70	0.0230	509.	20.	0.06
MILE 420.49	595.38	20437.	1.11	18356.	1501.	5.23	0.0230	0.	16.	0.06
MILE 416.28	595.26	20818.	1.09	19172.	1706.	5.73	0.0270	0.	16.	0.06
MILE 412.08	595.03	20915.	0.87	23970.	2024.	6.20	0.0270	0.	18.	0.04
MILE 407.88	594.88	21285.	0.82	25994.	1713.	6.66	0.0270	0.	19.	0.04
MILE 403.67	594.82	21513.	0.82	26128.	1346.	7.23	0.0240	0.	22.	0.03
MILE 399.47	594.76	21829.	0.63	34675.	5445.	7.81	0.0220	0.	31.	0.04
MILE 395.26	594.73	22539.	0.67	33661.	9554.	9.46	0.0220	0.	36.	0.06
MILE 391.06	594.71	23047.	0.55	41680.	2464.	7.44	0.0220	0.	28.	0.02
MILE 386.85	594.70	22868.	0.42	54834.	5007.	5.57	0.0210	0.	36.	0.02
MILE 382.64	594.69	22335.	0.31	73177.	9158.	5.84	0.0210	0.	31.	0.02
MILE 378.44	594.69	21145.	0.35	61010.	11996.	5.40	0.0210	0.	38.	0.03
MILE 374.23	594.69	20526.	0.20	101796.	13819.	6.42	0.0210	0.	36.	0.01
MILE 370.03	594.69	20991.	0.19	112243.	8095.	6.95	0.0210	0.	45.	0.01
MILE 365.82	594.68	21781.	0.17	127592.	7716.	6.85	0.0210	0.	41.	0.01
MILE 361.62	594.67	22526.	0.19	115934.	12732.	7.87	0.0210	0.	49.	0.01
MILE 357.41	594.66	23210.	0.17	139360.	24180.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.65	25313.	0.23	111828.	6788.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.63	25509.	0.22	117204.	3839.	9.81	0.0240	0.	60.	0.01

ODATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.60	17338.	0.90	19221.	1897.	6.66	0.0230	510.	20.	0.05
MILE 420.49	595.28	18473.	1.02	18196.	1460.	5.21	0.0230	0.	16.	0.05
MILE 416.28	595.19	18911.	0.99	19063.	1679.	5.71	0.0270	0.	16.	0.05

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MILE 412.08	595.00	19656.	0.82	23920.	2019.	6.19	0.0270	0.	18.	0.04
MILE 407.88	594.87	20277.	0.78	25970.	1713.	6.66	0.0270	0.	19.	0.04
MILE 403.67	594.80	20384.	0.78	26110.	1345.	7.23	0.0240	0.	22.	0.03
MILE 399.47	594.75	19581.	0.57	34653.	5442.	7.81	0.0220	0.	31.	0.04
MILE 395.26	594.73	18879.	0.56	33659.	9553.	9.46	0.0220	0.	36.	0.05
MILE 391.06	594.71	17447.	0.42	41688.	2464.	7.44	0.0220	0.	28.	0.02
MILE 386.85	594.70	17105.	0.31	54844.	5008.	5.57	0.0210	0.	36.	0.02
MILE 382.64	594.70	17279.	0.24	73184.	9158.	5.84	0.0210	0.	31.	0.01
MILE 378.44	594.69	18696.	0.31	60985.	11993.	5.40	0.0210	0.	38.	0.02
MILE 374.23	594.68	21677.	0.21	101693.	13808.	6.41	0.0210	0.	36.	0.01
MILE 370.03	594.67	24000.	0.21	112120.	8087.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.66	25634.	0.20	127445.	7711.	6.85	0.0210	0.	41.	0.01
MILE 361.62	594.65	27493.	0.24	115843.	12721.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.64	28149.	0.20	139283.	24167.	7.84	0.0210	0.	58.	0.01
MILE 353.21	594.64	28572.	0.26	111797.	6785.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.63	28205.	0.24	117204.	3839.	9.81	0.0240	0.	60.	0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.10	9793.	0.52	18667.	1526.	6.54	0.0230	512.	19.	0.03
MILE 420.49	594.95	11628.	0.66	17698.	1352.	5.12	0.0230	0.	16.	0.03
MILE 416.28	594.93	12439.	0.66	18706.	1613.	5.64	0.0270	0.	16.	0.03
MILE 412.08	594.89	15600.	0.66	23751.	2008.	6.16	0.0270	0.	18.	0.03
MILE 407.88	594.82	17399.	0.67	25905.	1710.	6.65	0.0270	0.	19.	0.03
MILE 403.67	594.79	17576.	0.67	26097.	1345.	7.23	0.0240	0.	21.	0.03
MILE 399.47	594.76	17168.	0.50	34682.	5446.	7.81	0.0220	0.	31.	0.03
MILE 395.26	594.74	16686.	0.50	33677.	9560.	9.46	0.0220	0.	36.	0.05
MILE 391.06	594.71	16447.	0.39	41697.	2465.	7.44	0.0220	0.	28.	0.02
MILE 386.85	594.69	16941.	0.31	54807.	5006.	5.57	0.0210	0.	36.	0.02
MILE 382.64	594.67	17773.	0.24	73058.	9148.	5.83	0.0210	0.	31.	0.02
MILE 378.44	594.66	19574.	0.32	60800.	11975.	5.40	0.0210	0.	38.	0.03
MILE 374.23	594.65	22159.	0.22	101521.	13790.	6.41	0.0210	0.	36.	0.01
MILE 370.03	594.65	24560.	0.22	111979.	8079.	6.94	0.0210	0.	45.	0.01
MILE 365.82	594.64	25696.	0.20	127312.	7707.	6.84	0.0210	0.	41.	0.01
MILE 361.62	594.63	26475.	0.23	115768.	12713.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.63	27061.	0.19	139215.	24155.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.63	28137.	0.25	111768.	6783.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.63	28049.	0.24	117204.	3839.	9.81	0.0240	0.	60.	0.01

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.55	409.	0.02	18063.	1422.	6.42	0.0230	514.	19.	0.00
MILE 420.49	594.48	1659.	0.10	16983.	1346.	4.99	0.0230	0.	15.	0.00
MILE 416.28	594.51	1845.	0.10	18129.	1590.	5.54	0.0270	0.	15.	0.01
MILE 412.08	594.65	7455.	0.32	23386.	1987.	6.11	0.0270	0.	18.	0.02
MILE 407.88	594.67	10282.	0.40	25671.	1703.	6.61	0.0270	0.	18.	0.02
MILE 403.67	594.69	10843.	0.42	25961.	1344.	7.20	0.0240	0.	21.	0.02
MILE 399.47	594.72	14192.	0.41	34607.	5435.	7.81	0.0220	0.	31.	0.03
MILE 395.26	594.73	16169.	0.48	33657.	9553.	9.46	0.0220	0.	36.	0.05
MILE 391.06	594.69	18450.	0.44	41632.	2462.	7.44	0.0220	0.	28.	0.02
MILE 386.85	594.67	19102.	0.35	54703.	5000.	5.57	0.0210	0.	36.	0.02
MILE 382.64	594.65	19547.	0.27	72937.	9138.	5.83	0.0210	0.	31.	0.02
MILE 378.44	594.64	20244.	0.33	60686.	11963.	5.40	0.0210	0.	38.	0.03
MILE 374.23	594.63	20915.	0.21	101391.	13777.	6.40	0.0210	0.	36.	0.01
MILE 370.03	594.63	21700.	0.19	111860.	8071.	6.93	0.0210	0.	45.	0.01
MILE 365.82	594.62	22339.	0.18	127206.	7704.	6.84	0.0210	0.	41.	0.01
MILE 361.62	594.62	23317.	0.20	115710.	12706.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.62	24942.	0.18	139144.	24142.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.62	27406.	0.25	111710.	6779.	9.28	0.0230	0.	58.	0.01
MILE 349.00	594.61	27832.	0.24	117128.	3838.	9.81	0.0240	0.	60.	0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.54	0.	0.00	18043.	1421.	6.41	0.0230	515.	19.	0.00
MILE 420.49	594.47	289.	0.02	16954.	1346.	4.99	0.0230	0.	15.	0.00
MILE 416.28	594.43	-613.	-0.03	18024.	1586.	5.52	0.0270	0.	15.	0.00
MILE 412.08	594.48	1302.	0.06	23119.	1970.	6.07	0.0270	0.	18.	0.00
MILE 407.88	594.42	117.	0.00	25298.	1691.	6.55	0.0270	0.	18.	0.00
MILE 403.67	594.48	277.	0.01	25669.	1341.	7.16	0.0240	0.	21.	0.00
MILE 399.47	594.59	7581.	0.22	34358.	5401.	7.79	0.0220	0.	30.	0.02
MILE 395.26	594.63	11132.	0.33	33538.	9509.	9.44	0.0220	0.	36.	0.03
MILE 391.06	594.63	16237.	0.39	41469.	2456.	7.43	0.0220	0.	28.	0.02
MILE 386.85	594.63	17903.	0.33	54572.	4992.	5.56	0.0210	0.	36.	0.02
MILE 382.64	594.63	18839.	0.26	72845.	9130.	5.82	0.0210	0.	31.	0.02
MILE 378.44	594.62	19812.	0.33	60621.	11957.	5.40	0.0210	0.	38.	0.03
MILE 374.23	594.62	20161.	0.20	101336.	13771.	6.40	0.0210	0.	36.	0.01
MILE 370.03	594.62	20564.	0.18	111800.	8068.	6.93	0.0210	0.	45.	0.01
MILE 365.82	594.61	21202.	0.17	127106.	7700.	6.84	0.0210	0.	41.	0.01
MILE 361.62	594.60	22379.	0.19	115613.	12695.	7.85	0.0210	0.	49.	0.01
MILE 357.41	594.60	23756.	0.17	139018.	24120.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.60	25837.	0.23	111643.	6773.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.60	26272.	0.22	117090.	3838.	9.81	0.0240	0.	60.	0.01

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.51	0.	0.00	18014.	1419.	6.40	0.0230	515.	19.	0.00
MILE 420.49	594.53	964.	0.06	17056.	1347.	5.01	0.0230	0.	16.	0.00
MILE 416.28	594.52	-737.	-0.04	18141.	1591.	5.54	0.0270	0.	15.	0.00
MILE 412.08	594.57	-1014.	-0.04	23264.	1979.	6.09	0.0270	0.	18.	0.00
MILE 407.88	594.49	-755.	-0.03	25406.	1694.	6.57	0.0270	0.	18.	0.00
MILE 403.67	594.46	-465.	-0.02	25650.	1341.	7.15	0.0240	0.	21.	0.00
MILE 399.47	594.48	-906.	-0.03	34169.	5374.	7.78	0.0220	0.	30.	0.00
MILE 395.26	594.47	-508.	-0.02	33338.	9436.	9.42	0.0220	0.	36.	0.00
MILE 391.06	594.52	7151.	0.17	41150.	2443.	7.42	0.0220	0.	28.	0.01
MILE 386.85	594.56	10345.	0.19	54267.	4975.	5.55	0.0210	0.	35.	0.01
MILE 382.64	594.58	12704.	0.17	72608.	9111.	5.81	0.0210	0.	31.	0.01
MILE 378.44	594.60	16321.	0.27	60482.	11943.	5.40	0.0210	0.	38.	0.02
MILE 374.23	594.60	19446.	0.19	101222.	13759.	6.39	0.0210	0.	36.	0.01
MILE 370.03	594.60	21521.	0.19	111704.	8062.	6.93	0.0210	0.	45.	0.01
MILE 365.82	594.59	22276.	0.18	127003.	7697.	6.83	0.0210	0.	41.	0.01
MILE 361.62	594.59	22431.	0.19	115550.	12688.	7.85	0.0210	0.	49.	0.01
MILE 357.41	594.60	21179.	0.15	138993.	24115.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.61	17876.	0.16	111673.	6776.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.63	16954.	0.14	117204.	3839.	9.81	0.0240	0.	60.	0.00

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.61	0.	0.00	18123.	1426.	6.43	0.0230	515.	19.	0.00
MILE 420.49	594.61	1075.	0.06	17172.	1348.	5.03	0.0230	0.	16.	0.00
MILE 416.28	594.49	192.	0.01	18104.	1589.	5.53	0.0270	0.	15.	0.00
MILE 412.08	594.53	-342.	-0.01	23196.	1975.	6.08	0.0270	0.	18.	0.00
MILE 407.88	594.52	-114.	0.00	25447.	1696.	6.58	0.0270	0.	18.	0.00
MILE 403.67	594.48	93.	0.00	25670.	1341.	7.16	0.0240	0.	21.	0.00
MILE 399.47	594.46	-1349.	-0.04	34127.	5368.	7.77	0.0220	0.	30.	0.00
MILE 395.26	594.46	-79.	0.00	33327.	9432.	9.42	0.0220	0.	36.	0.00
MILE 391.06	594.46	-2396.	-0.06	40988.	2436.	7.42	0.0220	0.	28.	0.00
MILE 386.85	594.47	-2026.	-0.04	53910.	4954.	5.54	0.0210	0.	35.	0.00
MILE 382.64	594.50	391.	0.01	72145.	9073.	5.79	0.0210	0.	31.	0.00
MILE 378.44	594.53	6920.	0.12	60112.	11906.	5.39	0.0210	0.	38.	0.01
MILE 374.23	594.56	12537.	0.12	100936.	13730.	6.38	0.0210	0.	36.	0.01
MILE 370.03	594.58	15533.	0.14	111553.	8052.	6.92	0.0210	0.	45.	0.01
MILE 365.82	594.59	15724.	0.12	127011.	7697.	6.83	0.0210	0.	41.	0.01

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MILE 361.62	594.61	14473.	0.13	115646.	12699.	7.86	0.0210	0.	49.	0.01
MILE 357.41	594.62	13012.	0.09	139146.	24142.	7.83	0.0210	0.	58.	0.01
MILE 353.21	594.63	10407.	0.09	111750.	6782.	9.28	0.0230	0.	58.	0.00
MILE 349.00	594.64	9577.	0.08	117242.	3839.	9.82	0.0240	0.	60.	0.00

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.98	8900.	0.48	18539.	1451.	6.52	0.0230	512.	19.	0.02
MILE 420.49	594.88	8858.	0.50	17584.	1351.	5.10	0.0230	0.	16.	0.02
MILE 416.28	594.74	9768.	0.53	18446.	1603.	5.59	0.0270	0.	16.	0.03
MILE 412.08	594.58	6185.	0.27	23272.	1980.	6.09	0.0270	0.	18.	0.01
MILE 407.88	594.52	1772.	0.07	25439.	1695.	6.57	0.0270	0.	18.	0.00
MILE 403.67	594.48	722.	0.03	25675.	1341.	7.16	0.0240	0.	21.	0.00
MILE 399.47	594.49	-423.	-0.01	34177.	5375.	7.78	0.0220	0.	30.	0.00
MILE 395.26	594.50	-800.	-0.02	33378.	9451.	9.43	0.0220	0.	36.	0.00
MILE 391.06	594.49	-2675.	-0.07	41075.	2440.	7.42	0.0220	0.	28.	0.00
MILE 386.85	594.49	-3061.	-0.06	53972.	4958.	5.54	0.0210	0.	35.	0.00
MILE 382.64	594.48	-4027.	-0.06	72080.	9068.	5.79	0.0210	0.	31.	0.00
MILE 378.44	594.48	-7653.	-0.13	59846.	11879.	5.39	0.0210	0.	38.	-0.01
MILE 374.23	594.51	-7138.	-0.07	100648.	13700.	6.37	0.0210	0.	36.	0.00
MILE 370.03	594.54	-3537.	-0.03	111344.	8039.	6.91	0.0210	0.	45.	0.00
MILE 365.82	594.58	-1410.	-0.01	126888.	7693.	6.83	0.0210	0.	41.	0.00
MILE 361.62	594.60	1941.	0.02	115612.	12695.	7.85	0.0210	0.	49.	0.00
MILE 357.41	594.61	6162.	0.04	139098.	24134.	7.83	0.0210	0.	58.	0.00
MILE 353.21	594.60	14432.	0.13	111652.	6774.	9.27	0.0230	0.	58.	0.01
MILE 349.00	594.58	16167.	0.14	117014.	3837.	9.80	0.0240	0.	60.	0.00

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.22	13288.	0.71	18797.	1613.	6.57	0.0230	509.	19.	0.04
MILE 420.49	595.02	13253.	0.74	17804.	1361.	5.14	0.0230	0.	16.	0.04
MILE 416.28	594.95	13544.	0.72	18740.	1614.	5.65	0.0270	0.	16.	0.04
MILE 412.08	594.80	10456.	0.44	23618.	2000.	6.14	0.0270	0.	18.	0.02
MILE 407.88	594.73	10405.	0.40	25766.	1706.	6.63	0.0270	0.	18.	0.02
MILE 403.67	594.66	10870.	0.42	25914.	1344.	7.20	0.0240	0.	21.	0.02
MILE 399.47	594.59	5460.	0.16	34373.	5403.	7.79	0.0220	0.	30.	0.01
MILE 395.26	594.52	-789.	-0.02	33402.	9460.	9.43	0.0220	0.	36.	0.00
MILE 391.06	594.51	-3093.	-0.08	41136.	2442.	7.42	0.0220	0.	28.	0.00
MILE 386.85	594.52	-4859.	-0.09	54100.	4965.	5.54	0.0210	0.	35.	0.00

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MILE 382.64	594.53	-6708.	-0.09	72308.	9086.	5.80	0.0210	0.	31.	-0.01
MILE 378.44	594.53	-9570.	-0.16	60112.	11906.	5.39	0.0210	0.	38.	-0.01
MILE 374.23	594.53	-13040.	-0.13	100781.	13714.	6.38	0.0210	0.	36.	-0.01
MILE 370.03	594.52	-15018.	-0.14	111229.	8032.	6.91	0.0210	0.	45.	-0.01
MILE 365.82	594.51	-12637.	-0.10	126442.	7679.	6.82	0.0210	0.	41.	0.00
MILE 361.62	594.51	-4412.	-0.04	115133.	12641.	7.83	0.0210	0.	49.	0.00
MILE 357.41	594.51	5014.	0.04	138443.	24018.	7.82	0.0210	0.	58.	0.00
MILE 353.21	594.50	21800.	0.20	111258.	6742.	9.25	0.0230	0.	58.	0.01
MILE 349.00	594.49	25172.	0.22	116671.	3834.	9.78	0.0240	0.	60.	0.01

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.57	18148.	0.95	19195.	1880.	6.65	0.0230	506.	20.	0.05
MILE 420.49	595.23	17618.	0.97	18123.	1442.	5.19	0.0230	0.	16.	0.05
MILE 416.28	595.11	17665.	0.93	18956.	1653.	5.69	0.0270	0.	16.	0.05
MILE 412.08	594.88	14676.	0.62	23745.	2008.	6.16	0.0270	0.	18.	0.03
MILE 407.88	594.79	13241.	0.51	25849.	1709.	6.64	0.0270	0.	19.	0.02
MILE 403.67	594.72	13276.	0.51	26000.	1344.	7.21	0.0240	0.	21.	0.02
MILE 399.47	594.66	10728.	0.31	34495.	5420.	7.80	0.0220	0.	31.	0.02
MILE 395.26	594.66	10354.	0.31	33578.	9524.	9.45	0.0220	0.	36.	0.03
MILE 391.06	594.63	913.	0.02	41456.	2455.	7.43	0.0220	0.	28.	0.00
MILE 386.85	594.60	-4058.	-0.07	54414.	4983.	5.56	0.0210	0.	35.	0.00
MILE 382.64	594.57	-6448.	-0.09	72528.	9104.	5.81	0.0210	0.	31.	-0.01
MILE 378.44	594.55	-6207.	-0.10	60218.	11916.	5.40	0.0210	0.	38.	-0.01
MILE 374.23	594.53	-3053.	-0.03	100762.	13712.	6.38	0.0210	0.	36.	0.00
MILE 370.03	594.50	1736.	0.02	111101.	8024.	6.90	0.0210	0.	45.	0.00
MILE 365.82	594.46	4334.	0.03	126071.	7666.	6.81	0.0210	0.	41.	0.00
MILE 361.62	594.43	7424.	0.06	114686.	12590.	7.81	0.0210	0.	49.	0.00
MILE 357.41	594.40	9389.	0.07	137744.	23895.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.40	15873.	0.14	110862.	6710.	9.23	0.0230	0.	58.	0.01
MILE 349.00	594.42	18048.	0.16	116405.	3832.	9.77	0.0240	0.	60.	0.00

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.77	19977.	1.03	19411.	2025.	6.70	0.0230	502.	20.	0.06
MILE 420.49	595.34	19341.	1.06	18289.	1484.	5.22	0.0230	0.	16.	0.05
MILE 416.28	595.22	19063.	1.00	19104.	1689.	5.71	0.0270	0.	16.	0.05
MILE 412.08	594.98	17593.	0.74	23902.	2018.	6.19	0.0270	0.	18.	0.04
MILE 407.88	594.88	16699.	0.64	25990.	1713.	6.66	0.0270	0.	19.	0.03

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MILE 403.67	594.83	16318.	0.62	26151.	1346.	7.23	0.0240	0.	22.	0.02
MILE 399.47	594.78	11357.	0.33	34709.	5450.	7.81	0.0220	0.	31.	0.02
MILE 395.26	594.73	10578.	0.31	33663.	9555.	9.46	0.0220	0.	36.	0.03
MILE 391.06	594.68	9857.	0.24	41616.	2462.	7.43	0.0220	0.	28.	0.01
MILE 386.85	594.64	12111.	0.22	54615.	4995.	5.56	0.0210	0.	36.	0.01
MILE 382.64	594.60	13596.	0.19	72683.	9117.	5.82	0.0210	0.	31.	0.01
MILE 378.44	594.53	11733.	0.20	60093.	11904.	5.39	0.0210	0.	38.	0.02
MILE 374.23	594.47	13351.	0.13	100408.	13675.	6.36	0.0210	0.	36.	0.01
MILE 370.03	594.44	17200.	0.16	110734.	8001.	6.89	0.0210	0.	44.	0.01
MILE 365.82	594.41	18619.	0.15	125719.	7655.	6.80	0.0210	0.	41.	0.01
MILE 361.62	594.40	19522.	0.17	114546.	12574.	7.81	0.0210	0.	49.	0.01
MILE 357.41	594.40	18270.	0.13	137744.	23895.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.40	14727.	0.13	110838.	6709.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.39	14165.	0.12	116291.	3831.	9.76	0.0240	0.	60.	0.00

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.82	19964.	1.03	19476.	2069.	6.71	0.0230	502.	20.	0.06
MILE 420.49	595.42	19902.	1.08	18418.	1516.	5.24	0.0230	0.	16.	0.05
MILE 416.28	595.32	19479.	1.01	19244.	1724.	5.74	0.0270	0.	16.	0.05
MILE 412.08	595.10	18236.	0.76	24076.	2037.	6.21	0.0270	0.	18.	0.04
MILE 407.88	594.96	17108.	0.66	26113.	1717.	6.68	0.0270	0.	19.	0.03
MILE 403.67	594.89	17388.	0.66	26224.	1347.	7.25	0.0240	0.	22.	0.03
MILE 399.47	594.81	18899.	0.54	34768.	5458.	7.82	0.0220	0.	31.	0.04
MILE 395.26	594.75	19035.	0.57	33686.	9563.	9.46	0.0220	0.	36.	0.05
MILE 391.06	594.65	22116.	0.53	41511.	2457.	7.43	0.0220	0.	28.	0.02
MILE 386.85	594.58	23262.	0.43	54336.	4979.	5.55	0.0210	0.	35.	0.02
MILE 382.64	594.52	24888.	0.34	72278.	9084.	5.80	0.0210	0.	31.	0.02
MILE 378.44	594.49	28823.	0.48	59853.	11879.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.48	31015.	0.31	100430.	13677.	6.36	0.0210	0.	36.	0.02
MILE 370.03	594.47	26298.	0.24	110886.	8011.	6.89	0.0210	0.	44.	0.01
MILE 365.82	594.45	22850.	0.18	125951.	7662.	6.81	0.0210	0.	41.	0.01
MILE 361.62	594.43	20109.	0.18	114683.	12589.	7.81	0.0210	0.	49.	0.01
MILE 357.41	594.41	21127.	0.15	137769.	23899.	7.81	0.0210	0.	58.	0.01
MILE 353.21	594.39	23609.	0.21	110802.	6706.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.36	24556.	0.21	116176.	3830.	9.76	0.0240	0.	60.	0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	595.90	19918.	1.02	19555.	2122.	6.73	0.0230	502.	20.	0.06
MILE 420.49	595.48	19704.	1.07	18497.	1536.	5.26	0.0230	0.	16.	0.05
MILE 416.28	595.35	19577.	1.01	19291.	1735.	5.75	0.0270	0.	16.	0.05
MILE 412.08	595.11	19993.	0.83	24102.	2040.	6.22	0.0270	0.	19.	0.04
MILE 407.88	594.95	20737.	0.79	26096.	1717.	6.68	0.0270	0.	19.	0.04
MILE 403.67	594.86	21542.	0.82	26186.	1346.	7.24	0.0240	0.	22.	0.03
MILE 399.47	594.77	24609.	0.71	34697.	5448.	7.81	0.0220	0.	31.	0.05
MILE 395.26	594.69	26639.	0.79	33610.	9535.	9.45	0.0220	0.	36.	0.07
MILE 391.06	594.60	30360.	0.73	41372.	2452.	7.43	0.0220	0.	28.	0.03
MILE 386.85	594.55	30250.	0.56	54209.	4971.	5.55	0.0210	0.	35.	0.03
MILE 382.64	594.51	29765.	0.41	72205.	9078.	5.80	0.0210	0.	31.	0.03
MILE 378.44	594.49	29270.	0.49	59864.	11880.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.47	27017.	0.27	100404.	13675.	6.36	0.0210	0.	36.	0.02
MILE 370.03	594.45	30214.	0.27	110799.	8006.	6.89	0.0210	0.	44.	0.01
MILE 365.82	594.43	32148.	0.26	125843.	7659.	6.80	0.0210	0.	41.	0.01
MILE 361.62	594.42	34740.	0.30	114640.	12584.	7.81	0.0210	0.	49.	0.02
MILE 357.41	594.40	35497.	0.26	137741.	23894.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.38	35587.	0.32	110771.	6703.	9.23	0.0230	0.	57.	0.01
MILE 349.00	594.34	36346.	0.31	116100.	3830.	9.75	0.0240	0.	60.	0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.90	19849.	1.01	19562.	2126.	6.73	0.0230	502.	20.	0.06
MILE 420.49	595.48	20774.	1.12	18510.	1539.	5.26	0.0230	0.	16.	0.06
MILE 416.28	595.35	21251.	1.10	19291.	1735.	5.75	0.0270	0.	16.	0.06
MILE 412.08	595.08	22136.	0.92	24047.	2033.	6.21	0.0270	0.	18.	0.05
MILE 407.88	594.88	23314.	0.90	25994.	1713.	6.66	0.0270	0.	19.	0.04
MILE 403.67	594.78	24004.	0.92	26076.	1345.	7.22	0.0240	0.	21.	0.04
MILE 399.47	594.69	26134.	0.76	34549.	5427.	7.80	0.0220	0.	31.	0.05
MILE 395.26	594.64	27943.	0.83	33550.	9514.	9.45	0.0220	0.	36.	0.08
MILE 391.06	594.58	28624.	0.69	41332.	2450.	7.43	0.0220	0.	28.	0.03
MILE 386.85	594.55	29499.	0.54	54218.	4972.	5.55	0.0210	0.	35.	0.03
MILE 382.64	594.51	30206.	0.42	72224.	9079.	5.80	0.0210	0.	31.	0.03
MILE 378.44	594.47	31180.	0.52	59787.	11873.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.45	34196.	0.34	100254.	13659.	6.36	0.0210	0.	36.	0.02
MILE 370.03	594.43	37317.	0.34	110647.	7996.	6.88	0.0210	0.	44.	0.02
MILE 365.82	594.40	38643.	0.31	125624.	7652.	6.80	0.0210	0.	41.	0.01
MILE 361.62	594.38	40979.	0.36	114448.	12563.	7.80	0.0210	0.	49.	0.02
MILE 357.41	594.37	42964.	0.31	137520.	23855.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.36	46523.	0.42	110681.	6696.	9.23	0.0230	0.	57.	0.02
MILE 349.00	594.34	46408.	0.40	116100.	3830.	9.75	0.0240	0.	60.	0.01

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.84	19889.	1.02	19489.	2077.	6.72	0.0230	502.	20.	0.06
MILE 420.49	595.42	21188.	1.15	18416.	1515.	5.24	0.0230	0.	16.	0.06
MILE 416.28	595.29	21866.	1.14	19205.	1714.	5.73	0.0270	0.	16.	0.06
MILE 412.08	595.01	22690.	0.95	23947.	2022.	6.19	0.0270	0.	18.	0.05
MILE 407.88	594.83	23638.	0.91	25912.	1711.	6.65	0.0270	0.	19.	0.04
MILE 403.67	594.74	24033.	0.92	26023.	1345.	7.21	0.0240	0.	21.	0.04
MILE 399.47	594.66	24603.	0.71	34499.	5420.	7.80	0.0220	0.	31.	0.05
MILE 395.26	594.61	25252.	0.75	33513.	9500.	9.44	0.0220	0.	36.	0.07
MILE 391.06	594.54	27081.	0.66	41204.	2445.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.50	28659.	0.53	54011.	4960.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.47	30362.	0.42	71994.	9060.	5.79	0.0210	0.	31.	0.03
MILE 378.44	594.44	33921.	0.57	59602.	11854.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.42	39181.	0.39	100082.	13642.	6.35	0.0210	0.	36.	0.03
MILE 370.03	594.40	41374.	0.37	110488.	7986.	6.88	0.0210	0.	44.	0.02
MILE 365.82	594.37	42283.	0.34	125416.	7645.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.35	44200.	0.39	114295.	12545.	7.80	0.0210	0.	49.	0.02
MILE 357.41	594.35	44204.	0.32	137384.	23831.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.35	42963.	0.39	110630.	6692.	9.22	0.0230	0.	57.	0.02
MILE 349.00	594.34	42927.	0.37	116100.	3830.	9.75	0.0240	0.	60.	0.01

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.76	19879.	1.02	19400.	2018.	6.70	0.0230	506.	20.	0.06
MILE 420.49	595.35	21049.	1.15	18306.	1488.	5.22	0.0230	0.	16.	0.06
MILE 416.28	595.22	21556.	1.13	19116.	1692.	5.72	0.0270	0.	16.	0.06
MILE 412.08	594.96	21996.	0.92	23870.	2016.	6.18	0.0270	0.	18.	0.05
MILE 407.88	594.79	22380.	0.87	25855.	1709.	6.64	0.0270	0.	19.	0.04
MILE 403.67	594.70	22665.	0.87	25977.	1344.	7.21	0.0240	0.	21.	0.03
MILE 399.47	594.63	23910.	0.69	34435.	5411.	7.79	0.0220	0.	31.	0.05
MILE 395.26	594.57	24968.	0.75	33468.	9484.	9.44	0.0220	0.	36.	0.07
MILE 391.06	594.50	28056.	0.68	41100.	2441.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.46	29351.	0.54	53857.	4951.	5.54	0.0210	0.	35.	0.03
MILE 382.64	594.42	30638.	0.43	71754.	9041.	5.78	0.0210	0.	31.	0.03
MILE 378.44	594.39	33339.	0.56	59327.	11826.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.37	35500.	0.36	99799.	13612.	6.34	0.0210	0.	36.	0.02
MILE 370.03	594.37	39060.	0.35	110279.	7973.	6.87	0.0210	0.	44.	0.02
MILE 365.82	594.35	40034.	0.32	125304.	7641.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.35	40531.	0.35	114289.	12545.	7.80	0.0210	0.	49.	0.02
MILE 357.41	594.35	40036.	0.29	137413.	23836.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.35	39224.	0.35	110655.	6694.	9.22	0.0230	0.	57.	0.02

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MILE 349.00 594.35 38925. 0.34 116138. 3830. 9.76 0.0240 0. 60. 0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.71	19931.	1.03	19353.	1986.	6.69	0.0230	509.	20.	0.06
MILE 420.49	595.30	20728.	1.14	18231.	1469.	5.21	0.0230	0.	16.	0.06
MILE 416.28	595.17	21016.	1.10	19044.	1675.	5.70	0.0270	0.	16.	0.06
MILE 412.08	594.92	21466.	0.90	23794.	2011.	6.17	0.0270	0.	18.	0.05
MILE 407.88	594.74	22135.	0.86	25781.	1706.	6.63	0.0270	0.	18.	0.04
MILE 403.67	594.66	22613.	0.87	25913.	1344.	7.20	0.0240	0.	21.	0.04
MILE 399.47	594.58	24432.	0.71	34352.	5400.	7.79	0.0220	0.	30.	0.05
MILE 395.26	594.53	25801.	0.77	33415.	9464.	9.43	0.0220	0.	36.	0.07
MILE 391.06	594.46	27857.	0.68	40976.	2436.	7.42	0.0220	0.	28.	0.03
MILE 386.85	594.42	28672.	0.53	53679.	4941.	5.53	0.0210	0.	35.	0.03
MILE 382.64	594.38	29494.	0.41	71546.	9023.	5.77	0.0210	0.	31.	0.03
MILE 378.44	594.36	31192.	0.53	59169.	11810.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.35	31875.	0.32	99667.	13599.	6.33	0.0210	0.	36.	0.02
MILE 370.03	594.35	32250.	0.29	110176.	7967.	6.87	0.0210	0.	44.	0.01
MILE 365.82	594.35	32058.	0.26	125252.	7639.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.35	32500.	0.28	114284.	12544.	7.80	0.0210	0.	49.	0.02
MILE 357.41	594.35	33934.	0.25	137416.	23837.	7.81	0.0210	0.	58.	0.02
MILE 353.21	594.35	36389.	0.33	110644.	6693.	9.22	0.0230	0.	57.	0.01
MILE 349.00	594.34	36882.	0.32	116100.	3830.	9.75	0.0240	0.	60.	0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.69	19941.	1.03	19324.	1967.	6.68	0.0230	512.	20.	0.06
MILE 420.49	595.27	20811.	1.14	18180.	1456.	5.20	0.0230	0.	16.	0.06
MILE 416.28	595.14	21162.	1.11	18995.	1663.	5.69	0.0270	0.	16.	0.06
MILE 412.08	594.87	21703.	0.91	23730.	2007.	6.16	0.0270	0.	18.	0.05
MILE 407.88	594.70	22404.	0.87	25716.	1704.	6.62	0.0270	0.	18.	0.04
MILE 403.67	594.61	22782.	0.88	25851.	1343.	7.19	0.0240	0.	21.	0.04
MILE 399.47	594.53	23900.	0.70	34265.	5388.	7.78	0.0220	0.	30.	0.05
MILE 395.26	594.48	24914.	0.75	33357.	9443.	9.42	0.0220	0.	36.	0.07
MILE 391.06	594.42	26518.	0.65	40874.	2431.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.39	27207.	0.51	53573.	4935.	5.52	0.0210	0.	35.	0.03
MILE 382.64	594.37	27421.	0.38	71470.	9017.	5.76	0.0210	0.	31.	0.02
MILE 378.44	594.35	27174.	0.46	59122.	11805.	5.39	0.0210	0.	38.	0.04
MILE 374.23	594.35	27183.	0.27	99653.	13597.	6.33	0.0210	0.	36.	0.02

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MILE 370.03	594.35	27298.	0.25	110161.	7966.	6.87	0.0210	0.	44.	0.01
MILE 365.82	594.34	27806.	0.22	125194.	7638.	6.79	0.0210	0.	41.	0.01
MILE 361.62	594.33	30100.	0.26	114190.	12533.	7.79	0.0210	0.	49.	0.02
MILE 357.41	594.32	33653.	0.25	137224.	23802.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.31	41026.	0.37	110471.	6679.	9.22	0.0230	0.	57.	0.02
MILE 349.00	594.27	43204.	0.37	115834.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.65	20003.	1.04	19279.	1936.	6.67	0.0230	515.	20.	0.06
MILE 420.49	595.23	20924.	1.15	18122.	1441.	5.19	0.0230	0.	16.	0.06
MILE 416.28	595.10	21264.	1.12	18944.	1651.	5.69	0.0270	0.	16.	0.06
MILE 412.08	594.83	21667.	0.92	23669.	2004.	6.15	0.0270	0.	18.	0.05
MILE 407.88	594.66	22142.	0.86	25653.	1702.	6.61	0.0270	0.	18.	0.04
MILE 403.67	594.57	22405.	0.87	25797.	1343.	7.18	0.0240	0.	21.	0.03
MILE 399.47	594.50	23186.	0.68	34197.	5378.	7.78	0.0220	0.	30.	0.05
MILE 395.26	594.45	23622.	0.71	33322.	9431.	9.42	0.0220	0.	36.	0.07
MILE 391.06	594.41	23968.	0.59	40833.	2430.	7.41	0.0220	0.	28.	0.03
MILE 386.85	594.38	24150.	0.45	53549.	4933.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.37	24331.	0.34	71467.	9017.	5.76	0.0210	0.	31.	0.02
MILE 378.44	594.35	24872.	0.42	59108.	11804.	5.39	0.0210	0.	38.	0.03
MILE 374.23	594.34	26264.	0.26	99569.	13589.	6.33	0.0210	0.	36.	0.02
MILE 370.03	594.32	29478.	0.27	110002.	7956.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.30	32078.	0.26	124891.	7628.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.28	35904.	0.32	113927.	12503.	7.78	0.0210	0.	49.	0.02
MILE 357.41	594.29	35280.	0.26	137009.	23764.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.31	30346.	0.27	110489.	6680.	9.22	0.0230	0.	57.	0.01
MILE 349.00	594.35	28921.	0.25	116138.	3830.	9.76	0.0240	0.	60.	0.01

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.61	19942.	1.04	19236.	1908.	6.66	0.0230	515.	20.	0.06
MILE 420.49	595.19	20773.	1.15	18057.	1425.	5.18	0.0230	0.	16.	0.06
MILE 416.28	595.06	21042.	1.11	18885.	1636.	5.67	0.0270	0.	16.	0.06
MILE 412.08	594.80	21372.	0.91	23611.	2000.	6.14	0.0270	0.	18.	0.05
MILE 407.88	594.63	21683.	0.85	25610.	1701.	6.60	0.0270	0.	18.	0.04
MILE 403.67	594.55	21778.	0.85	25769.	1342.	7.17	0.0240	0.	21.	0.03
MILE 399.47	594.48	21819.	0.64	34172.	5375.	7.78	0.0220	0.	30.	0.04
MILE 395.26	594.44	21817.	0.65	33311.	9426.	9.42	0.0220	0.	36.	0.06

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MILE 391.06	594.40	22222.	0.54	40812.	2429.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.37	22577.	0.42	53507.	4931.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.35	23410.	0.33	71366.	9009.	5.76	0.0210	0.	31.	0.02
MILE 378.44	594.32	26183.	0.44	58939.	11786.	5.38	0.0210	0.	38.	0.04
MILE 374.23	594.30	30824.	0.31	99327.	13563.	6.32	0.0210	0.	36.	0.02
MILE 370.03	594.30	32042.	0.29	109858.	7947.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.30	29956.	0.24	124938.	7629.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.31	25213.	0.22	114076.	12520.	7.79	0.0210	0.	49.	0.01
MILE 357.41	594.31	24131.	0.18	137148.	23789.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.30	26564.	0.24	110452.	6677.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.28	27343.	0.24	115872.	3828.	9.74	0.0240	0.	60.	0.01

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.58	19870.	1.03	19200.	1883.	6.66	0.0230	515.	20.	0.06
MILE 420.49	595.16	20600.	1.14	18010.	1413.	5.17	0.0230	0.	16.	0.06
MILE 416.28	595.03	20744.	1.10	18848.	1627.	5.67	0.0270	0.	16.	0.06
MILE 412.08	594.78	20859.	0.88	23581.	1998.	6.14	0.0270	0.	18.	0.05
MILE 407.88	594.62	20895.	0.82	25592.	1700.	6.60	0.0270	0.	18.	0.04
MILE 403.67	594.54	20900.	0.81	25757.	1342.	7.17	0.0240	0.	21.	0.03
MILE 399.47	594.48	21035.	0.62	34161.	5373.	7.78	0.0220	0.	30.	0.04
MILE 395.26	594.43	21390.	0.64	33296.	9421.	9.42	0.0220	0.	36.	0.06
MILE 391.06	594.37	22946.	0.56	40732.	2426.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.33	24150.	0.45	53348.	4922.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.31	25218.	0.35	71156.	8991.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.30	25727.	0.44	58840.	11776.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.31	21334.	0.21	99426.	13574.	6.33	0.0210	0.	36.	0.01
MILE 370.03	594.31	19966.	0.18	109956.	7953.	6.86	0.0210	0.	44.	0.01
MILE 365.82	594.31	21502.	0.17	124956.	7630.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.30	25680.	0.23	114019.	12514.	7.79	0.0210	0.	49.	0.01
MILE 357.41	594.30	28274.	0.21	137067.	23774.	7.80	0.0210	0.	58.	0.02
MILE 353.21	594.29	30654.	0.28	110408.	6674.	9.21	0.0230	0.	57.	0.01
MILE 349.00	594.27	31556.	0.27	115834.	3828.	9.74	0.0240	0.	60.	0.01

0DATE 5-04-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.64	21053.	1.09	19274.	1933.	6.67	0.0230	514.	20.	0.06
MILE 420.49	595.18	21355.	1.18	18053.	1424.	5.18	0.0230	0.	16.	0.06
MILE 416.28	595.05	21237.	1.13	18871.	1633.	5.67	0.0270	0.	16.	0.06

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MILE 412.08	594.78	20897.	0.89	23580.	1998.	6.14	0.0270	0.	18.	0.05
MILE 407.88	594.61	20758.	0.81	25579.	1700.	6.60	0.0270	0.	18.	0.04
MILE 403.67	594.53	20882.	0.81	25736.	1342.	7.17	0.0240	0.	21.	0.03
MILE 399.47	594.45	21897.	0.64	34120.	5367.	7.77	0.0220	0.	30.	0.04
MILE 395.26	594.40	22868.	0.69	33261.	9408.	9.41	0.0220	0.	36.	0.06
MILE 391.06	594.36	23622.	0.58	40693.	2424.	7.41	0.0220	0.	28.	0.02
MILE 386.85	594.34	22705.	0.43	53365.	4923.	5.52	0.0210	0.	35.	0.02
MILE 382.64	594.33	21112.	0.30	71278.	9001.	5.75	0.0210	0.	31.	0.02
MILE 378.44	594.32	18934.	0.32	58916.	11784.	5.38	0.0210	0.	38.	0.03
MILE 374.23	594.30	22111.	0.22	99330.	13564.	6.32	0.0210	0.	36.	0.01
MILE 370.03	594.29	23905.	0.22	109819.	7945.	6.85	0.0210	0.	44.	0.01
MILE 365.82	594.28	24393.	0.20	124791.	7624.	6.78	0.0210	0.	41.	0.01
MILE 361.62	594.28	24137.	0.21	113917.	12502.	7.78	0.0210	0.	49.	0.01
MILE 357.41	594.30	20250.	0.15	137075.	23776.	7.80	0.0210	0.	58.	0.01
MILE 353.21	594.34	8488.	0.08	110621.	6691.	9.22	0.0230	0.	57.	0.00
MILE 349.00	594.43	4947.	0.04	116442.	3833.	9.77	0.0240	0.	60.	0.00

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	596.49	33638.	1.66	20214.	2563.	6.87	0.0230	616.	20.	0.10
MILE 420.49	595.62	30802.	1.65	18716.	1591.	5.30	0.0230	104.	17.	0.08
MILE 416.28	595.34	28736.	1.49	19283.	1733.	5.75	0.0270	104.	16.	0.08
MILE 412.08	594.88	25160.	1.06	23736.	2008.	6.16	0.0270	104.	18.	0.05
MILE 407.88	594.63	22758.	0.89	25610.	1701.	6.60	0.0270	104.	18.	0.04
MILE 403.67	594.52	22409.	0.87	25730.	1342.	7.17	0.0240	104.	21.	0.04
MILE 399.47	594.44	22116.	0.65	34096.	5364.	7.77	0.0220	104.	30.	0.05
MILE 395.26	594.41	21269.	0.64	33266.	9410.	9.41	0.0220	104.	36.	0.06
MILE 391.06	594.37	19422.	0.48	40739.	2426.	7.41	0.0220	95.	28.	0.02
MILE 386.85	594.35	20045.	0.38	53415.	4926.	5.52	0.0210	86.	35.	0.02
MILE 382.64	594.32	21459.	0.30	71248.	8999.	5.75	0.0210	86.	31.	0.02
MILE 378.44	594.30	23850.	0.41	58848.	11777.	5.38	0.0210	86.	38.	0.03
MILE 374.23	594.30	23050.	0.23	99309.	13562.	6.32	0.0210	86.	36.	0.02
MILE 370.03	594.31	19142.	0.17	109934.	7952.	6.86	0.0210	86.	44.	0.01
MILE 365.82	594.34	13698.	0.11	125216.	7638.	6.79	0.0210	86.	41.	0.00
MILE 361.62	594.37	3010.	0.03	114397.	12557.	7.80	0.0210	86.	49.	0.00
MILE 357.41	594.39	-1553.	-0.01	137636.	23876.	7.81	0.0210	86.	58.	0.00
MILE 353.21	594.38	-3268.	-0.03	110766.	6703.	9.23	0.0230	86.	57.	0.00
MILE 349.00	594.36	-3014.	-0.03	116177.	3830.	9.76	0.0240	86.	60.	0.00

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.13	40910.	1.95	20940.	3047.	7.01	0.0230	719.	21.	0.13
MILE 420.49	596.07	37346.	1.92	19403.	1764.	5.41	0.0230	209.	17.	0.10
MILE 416.28	595.72	34433.	1.74	19797.	1858.	5.84	0.0270	208.	17.	0.09
MILE 412.08	595.15	30799.	1.27	24158.	2047.	6.23	0.0270	209.	19.	0.07
MILE 407.88	594.83	28257.	1.09	25913.	1711.	6.65	0.0270	209.	19.	0.05
MILE 403.67	594.66	27431.	1.06	25923.	1344.	7.20	0.0240	208.	21.	0.04
MILE 399.47	594.52	23065.	0.67	34240.	5384.	7.78	0.0220	209.	30.	0.05
MILE 395.26	594.42	21411.	0.64	33288.	9418.	9.41	0.0220	208.	36.	0.06
MILE 391.06	594.36	22113.	0.54	40709.	2425.	7.41	0.0220	191.	28.	0.02
MILE 386.85	594.33	21899.	0.41	53340.	4921.	5.52	0.0210	173.	35.	0.02
MILE 382.64	594.32	20941.	0.29	71225.	8997.	5.75	0.0210	172.	31.	0.02
MILE 378.44	594.34	16984.	0.29	59062.	11799.	5.38	0.0210	172.	38.	0.02
MILE 374.23	594.39	5459.	0.05	99867.	13619.	6.34	0.0210	173.	36.	0.00
MILE 370.03	594.40	-1887.	-0.02	110484.	7986.	6.88	0.0210	173.	44.	0.00
MILE 365.82	594.41	-1853.	-0.01	125665.	7653.	6.80	0.0210	172.	41.	0.00
MILE 361.62	594.40	1056.	0.01	114560.	12575.	7.81	0.0210	173.	49.	0.00
MILE 357.41	594.40	3696.	0.03	137690.	23885.	7.81	0.0210	172.	58.	0.00
MILE 353.21	594.38	8447.	0.08	110756.	6702.	9.23	0.0230	173.	57.	0.00
MILE 349.00	594.34	10132.	0.09	116100.	3830.	9.75	0.0240	173.	60.	0.00

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.29	39423.	1.87	21121.	3167.	7.05	0.0230	822.	21.	0.13
MILE 420.49	596.31	37694.	1.91	19775.	1857.	5.48	0.0230	313.	17.	0.10
MILE 416.28	595.97	36050.	1.79	20154.	1945.	5.90	0.0270	312.	17.	0.10
MILE 412.08	595.38	34221.	1.40	24520.	2090.	6.28	0.0270	313.	19.	0.07
MILE 407.88	595.00	32596.	1.25	26169.	1719.	6.69	0.0270	313.	19.	0.06
MILE 403.67	594.79	32316.	1.24	26092.	1345.	7.22	0.0240	312.	21.	0.05
MILE 399.47	594.61	30724.	0.89	34396.	5406.	7.79	0.0220	313.	31.	0.06
MILE 395.26	594.51	29351.	0.88	33392.	9456.	9.43	0.0220	312.	36.	0.08
MILE 391.06	594.46	22558.	0.55	40977.	2436.	7.42	0.0220	286.	28.	0.02
MILE 386.85	594.44	17833.	0.33	53776.	4947.	5.53	0.0210	259.	35.	0.02
MILE 382.64	594.44	12613.	0.18	71866.	9050.	5.78	0.0210	259.	31.	0.01
MILE 378.44	594.44	4602.	0.08	59587.	11852.	5.39	0.0210	259.	38.	0.01
MILE 374.23	594.41	6234.	0.06	100049.	13638.	6.35	0.0210	259.	36.	0.00
MILE 370.03	594.40	6049.	0.05	110478.	7986.	6.88	0.0210	259.	44.	0.00
MILE 365.82	594.38	7488.	0.06	125494.	7647.	6.79	0.0210	259.	41.	0.00
MILE 361.62	594.36	10813.	0.09	114345.	12551.	7.80	0.0210	259.	49.	0.01
MILE 357.41	594.34	14774.	0.11	137350.	23825.	7.81	0.0210	259.	58.	0.01
MILE 353.21	594.32	23874.	0.22	110545.	6685.	9.22	0.0230	259.	57.	0.01
MILE 349.00	594.29	25979.	0.22	115910.	3828.	9.74	0.0240	259.	60.	0.01

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ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	1.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	597.05	32292.	1.55	20846.	2984.	6.99	0.0230	818.	21. 0.10
MILE	420.49	596.28	33375.	1.69	19722.	1844.	5.47	0.0230	314.	17. 0.09
MILE	416.28	596.01	34137.	1.69	20209.	1958.	5.91	0.0270	313.	17. 0.09
MILE	412.08	595.47	35200.	1.43	24655.	2106.	6.30	0.0270	314.	19. 0.07
MILE	407.88	595.08	35389.	1.35	26292.	1747.	6.71	0.0270	314.	19. 0.06
MILE	403.67	594.88	35172.	1.34	26217.	1347.	7.24	0.0240	313.	22. 0.05
MILE	399.47	594.73	31918.	0.92	34613.	5436.	7.81	0.0220	314.	31. 0.06
MILE	395.26	594.66	28051.	0.84	33572.	9522.	9.45	0.0220	313.	36. 0.08
MILE	391.06	594.61	19255.	0.46	41413.	2453.	7.43	0.0220	287.	28. 0.02
MILE	386.85	594.57	18368.	0.34	54315.	4977.	5.55	0.0210	260.	35. 0.02
MILE	382.64	594.52	19150.	0.27	72258.	9082.	5.80	0.0210	259.	31. 0.02
MILE	378.44	594.46	19992.	0.33	59721.	11866.	5.39	0.0210	259.	38. 0.03
MILE	374.23	594.42	19697.	0.20	100069.	13640.	6.35	0.0210	260.	36. 0.01
MILE	370.03	594.38	23172.	0.21	110359.	7978.	6.87	0.0210	260.	44. 0.01
MILE	365.82	594.33	26066.	0.21	125160.	7636.	6.79	0.0210	259.	41. 0.01
MILE	361.62	594.30	28876.	0.25	114033.	12516.	7.79	0.0210	260.	49. 0.01
MILE	357.41	594.29	29693.	0.22	137013.	23765.	7.80	0.0210	259.	58. 0.02
MILE	353.21	594.28	30529.	0.28	110381.	6672.	9.21	0.0230	260.	57. 0.01
MILE	349.00	594.27	30888.	0.27	115834.	3828.	9.74	0.0240	260.	60. 0.01

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	2.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	595.49	5689.	0.30	19102.	1817.	6.63	0.0230	814.	19. 0.02
MILE	420.49	595.36	12306.	0.67	18319.	1491.	5.23	0.0230	315.	16. 0.03
MILE	416.28	595.47	18806.	0.97	19463.	1777.	5.78	0.0270	314.	16. 0.05
MILE	412.08	595.34	27949.	1.14	24450.	2081.	6.27	0.0270	315.	19. 0.06
MILE	407.88	595.10	31708.	1.20	26327.	1756.	6.71	0.0270	315.	19. 0.05
MILE	403.67	594.97	31799.	1.21	26335.	1348.	7.26	0.0240	314.	22. 0.05
MILE	399.47	594.85	28742.	0.82	34848.	5469.	7.82	0.0220	315.	31. 0.06
MILE	395.26	594.76	27921.	0.83	33699.	9568.	9.46	0.0220	314.	36. 0.08
MILE	391.06	594.64	29863.	0.72	41486.	2456.	7.43	0.0220	288.	28. 0.03
MILE	386.85	594.56	29591.	0.55	54274.	4975.	5.55	0.0210	261.	35. 0.03
MILE	382.64	594.50	29830.	0.41	72159.	9074.	5.79	0.0210	260.	31. 0.03
MILE	378.44	594.45	32216.	0.54	59631.	11857.	5.39	0.0210	260.	38. 0.04
MILE	374.23	594.41	36943.	0.37	99993.	13632.	6.35	0.0210	261.	36. 0.02
MILE	370.03	594.37	39341.	0.36	110321.	7976.	6.87	0.0210	261.	44. 0.02
MILE	365.82	594.33	39156.	0.31	125141.	7636.	6.78	0.0210	260.	41. 0.01

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MILE 361.62	594.31	36888.	0.32	114045.	12517.	7.79	0.0210	261.	49.	0.02
MILE 357.41	594.29	35040.	0.26	137025.	23767.	7.80	0.0210	260.	58.	0.02
MILE 353.21	594.29	29286.	0.27	110423.	6675.	9.21	0.0230	261.	57.	0.01
MILE 349.00	594.30	27884.	0.24	115948.	3829.	9.75	0.0240	261.	60.	0.01

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.77	0.	0.00	18298.	1436.	6.46	0.0230	813.	19.	0.00
MILE 420.49	594.60	3267.	0.19	17155.	1348.	5.02	0.0230	316.	16.	0.01
MILE 416.28	594.68	6227.	0.34	18367.	1600.	5.58	0.0270	315.	15.	0.02
MILE 412.08	594.76	12887.	0.55	23550.	1996.	6.13	0.0270	316.	18.	0.03
MILE 407.88	594.73	17348.	0.67	25767.	1706.	6.63	0.0270	316.	18.	0.03
MILE 403.67	594.77	19812.	0.76	26062.	1345.	7.22	0.0240	315.	21.	0.03
MILE 399.47	594.79	29099.	0.84	34738.	5454.	7.81	0.0220	316.	31.	0.06
MILE 395.26	594.75	33032.	0.98	33690.	9565.	9.46	0.0220	315.	36.	0.09
MILE 391.06	594.63	35657.	0.86	41455.	2455.	7.43	0.0220	288.	28.	0.04
MILE 386.85	594.54	37112.	0.68	54198.	4971.	5.55	0.0210	261.	35.	0.04
MILE 382.64	594.47	38536.	0.54	72015.	9062.	5.79	0.0210	261.	31.	0.03
MILE 378.44	594.42	40170.	0.68	59469.	11840.	5.39	0.0210	261.	38.	0.05
MILE 374.23	594.39	40325.	0.40	99869.	13620.	6.34	0.0210	261.	36.	0.03
MILE 370.03	594.37	39103.	0.35	110301.	7975.	6.87	0.0210	261.	44.	0.02
MILE 365.82	594.35	37950.	0.30	125304.	7641.	6.79	0.0210	261.	41.	0.01
MILE 361.62	594.35	35620.	0.31	114297.	12546.	7.80	0.0210	261.	49.	0.02
MILE 357.41	594.35	33918.	0.25	137408.	23835.	7.81	0.0210	261.	58.	0.02
MILE 353.21	594.35	27909.	0.25	110628.	6692.	9.22	0.0230	261.	57.	0.01
MILE 349.00	594.33	27192.	0.23	116062.	3830.	9.75	0.0240	261.	60.	0.01

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.55	0.	0.00	18054.	1422.	6.41	0.0230	813.	19.	0.00
MILE 420.49	594.42	2050.	0.12	16892.	1346.	4.98	0.0230	317.	15.	0.01
MILE 416.28	594.45	3074.	0.17	18044.	1587.	5.52	0.0270	316.	15.	0.01
MILE 412.08	594.44	5644.	0.24	23066.	1967.	6.06	0.0270	317.	18.	0.01
MILE 407.88	594.40	7953.	0.31	25262.	1690.	6.55	0.0270	317.	18.	0.01
MILE 403.67	594.45	10017.	0.39	25638.	1341.	7.15	0.0240	316.	21.	0.02
MILE 399.47	594.54	17638.	0.51	34270.	5388.	7.78	0.0220	317.	30.	0.04
MILE 395.26	594.57	23173.	0.69	33472.	9485.	9.44	0.0220	316.	36.	0.06
MILE 391.06	594.52	33941.	0.82	41159.	2443.	7.42	0.0220	289.	28.	0.04
MILE 386.85	594.49	37502.	0.69	53977.	4958.	5.54	0.0210	262.	35.	0.04

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MILE 382.64	594.45	39049.	0.54	71894.	9052.	5.78	0.0210	261.	31.	0.03
MILE 378.44	594.41	38870.	0.65	59459.	11839.	5.39	0.0210	261.	38.	0.05
MILE 374.23	594.40	36247.	0.36	99989.	13632.	6.35	0.0210	262.	36.	0.02
MILE 370.03	594.40	34185.	0.31	110481.	7986.	6.88	0.0210	262.	44.	0.01
MILE 365.82	594.39	33196.	0.26	125555.	7649.	6.80	0.0210	261.	41.	0.01
MILE 361.62	594.39	31033.	0.27	114481.	12566.	7.81	0.0210	262.	49.	0.02
MILE 357.41	594.39	29591.	0.21	137650.	23878.	7.81	0.0210	261.	58.	0.02
MILE 353.21	594.39	27571.	0.25	110807.	6706.	9.23	0.0230	262.	57.	0.01
MILE 349.00	594.39	27124.	0.23	116290.	3831.	9.76	0.0240	262.	60.	0.01

0DATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.38	0.	0.00	17868.	1410.	6.37	0.0230	918.	18.	0.00
MILE 420.49	594.38	2025.	0.12	16821.	1345.	4.97	0.0230	427.	15.	0.01
MILE 416.28	594.41	2626.	0.15	17990.	1585.	5.51	0.0270	426.	15.	0.01
MILE 412.08	594.43	3620.	0.16	23042.	1966.	6.05	0.0270	427.	18.	0.01
MILE 407.88	594.39	5180.	0.21	25252.	1689.	6.54	0.0270	427.	18.	0.01
MILE 403.67	594.37	6638.	0.26	25521.	1340.	7.13	0.0240	426.	21.	0.01
MILE 399.47	594.35	9232.	0.27	33926.	5340.	7.76	0.0220	427.	30.	0.02
MILE 395.26	594.33	13073.	0.39	33168.	9374.	9.40	0.0220	426.	36.	0.04
MILE 391.06	594.35	21138.	0.52	40671.	2423.	7.41	0.0220	345.	28.	0.02
MILE 386.85	594.38	24489.	0.46	53516.	4932.	5.52	0.0210	263.	35.	0.02
MILE 382.64	594.40	27176.	0.38	71639.	9031.	5.77	0.0210	262.	31.	0.02
MILE 378.44	594.42	31468.	0.53	59482.	11842.	5.39	0.0210	262.	38.	0.04
MILE 374.23	594.42	32539.	0.33	100111.	13645.	6.35	0.0210	263.	36.	0.02
MILE 370.03	594.42	30757.	0.28	110629.	7995.	6.88	0.0210	263.	44.	0.01
MILE 365.82	594.42	30157.	0.24	125750.	7656.	6.80	0.0210	262.	41.	0.01
MILE 361.62	594.41	29244.	0.26	114616.	12582.	7.81	0.0210	263.	49.	0.01
MILE 357.41	594.41	29121.	0.21	137766.	23899.	7.81	0.0210	262.	58.	0.02
MILE 353.21	594.40	30692.	0.28	110827.	6708.	9.23	0.0230	263.	57.	0.01
MILE 349.00	594.37	31194.	0.27	116214.	3831.	9.76	0.0240	263.	60.	0.01

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	594.41	486.	0.03	17906.	1413.	6.38	0.0230	1722.	18.	0.00
MILE 420.49	594.38	1621.	0.10	16821.	1345.	4.97	0.0230	1238.	15.	0.00
MILE 416.28	594.33	2665.	0.15	17884.	1581.	5.49	0.0270	1235.	15.	0.01
MILE 412.08	594.32	3500.	0.15	22880.	1956.	6.03	0.0270	1238.	18.	0.01
MILE 407.88	594.32	4452.	0.18	25146.	1686.	6.53	0.0270	1238.	18.	0.01

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MILE 403.67	594.29	5982.	0.24	25424.	1339.	7.12	0.0240	1235.	21.	0.01
MILE 399.47	594.26	7253.	0.21	33774.	5319.	7.75	0.0220	1238.	30.	0.02
MILE 395.26	594.27	8984.	0.27	33101.	9350.	9.39	0.0220	1235.	36.	0.03
MILE 391.06	594.30	9373.	0.23	40522.	2417.	7.40	0.0220	946.	28.	0.01
MILE 386.85	594.32	10883.	0.20	53278.	4918.	5.51	0.0210	652.	35.	0.01
MILE 382.64	594.34	13045.	0.18	71335.	9006.	5.76	0.0210	651.	31.	0.01
MILE 378.44	594.37	16782.	0.28	59228.	11816.	5.39	0.0210	651.	38.	0.02
MILE 374.23	594.40	21163.	0.21	99936.	13626.	6.35	0.0210	652.	36.	0.01
MILE 370.03	594.41	26159.	0.24	110515.	7988.	6.88	0.0210	652.	44.	0.01
MILE 365.82	594.40	29503.	0.23	125647.	7652.	6.80	0.0210	651.	41.	0.01
MILE 361.62	594.39	34122.	0.30	114510.	12570.	7.81	0.0210	652.	49.	0.02
MILE 357.41	594.37	40856.	0.30	137498.	23851.	7.81	0.0210	651.	58.	0.02
MILE 353.21	594.31	57982.	0.52	110496.	6681.	9.22	0.0230	652.	57.	0.02
MILE 349.00	594.20	63092.	0.55	115568.	3826.	9.72	0.0240	652.	60.	0.02

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	595.23	15664.	0.83	18809.	1621.	6.57	0.0230	1069.	19.	0.04
MILE 420.49	594.90	15666.	0.89	17617.	1352.	5.10	0.0230	586.	16.	0.04
MILE 416.28	594.77	16928.	0.92	18485.	1604.	5.60	0.0270	585.	16.	0.05
MILE 412.08	594.42	11658.	0.51	23026.	1965.	6.05	0.0270	586.	18.	0.03
MILE 407.88	594.29	6481.	0.26	25098.	1684.	6.52	0.0270	586.	18.	0.01
MILE 403.67	594.27	5967.	0.24	25386.	1339.	7.11	0.0240	585.	21.	0.01
MILE 399.47	594.28	5162.	0.15	33799.	5322.	7.75	0.0220	586.	30.	0.01
MILE 395.26	594.30	4590.	0.14	33140.	9364.	9.40	0.0220	585.	36.	0.01
MILE 391.06	594.33	3588.	0.09	40602.	2420.	7.41	0.0220	1266.	28.	0.00
MILE 386.85	594.34	4706.	0.09	53361.	4923.	5.52	0.0210	1935.	35.	0.00
MILE 382.64	594.34	5825.	0.08	71346.	9007.	5.76	0.0210	1930.	31.	0.01
MILE 378.44	594.33	7047.	0.12	59019.	11794.	5.38	0.0210	1930.	38.	0.01
MILE 374.23	594.33	14011.	0.14	99499.	13581.	6.33	0.0210	1935.	36.	0.01
MILE 370.03	594.31	25413.	0.23	109932.	7952.	6.86	0.0210	1935.	44.	0.01
MILE 365.82	594.28	35685.	0.29	124751.	7623.	6.77	0.0210	1930.	41.	0.01
MILE 361.62	594.25	52712.	0.46	113728.	12481.	7.77	0.0210	1935.	49.	0.03
MILE 357.41	594.21	68002.	0.50	136485.	23671.	7.79	0.0210	1930.	58.	0.04
MILE 353.21	594.15	92739.	0.84	109843.	6629.	9.18	0.0230	1935.	57.	0.04
MILE 349.00	594.01	100179.	0.87	114846.	3820.	9.68	0.0240	1935.	60.	0.03

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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Appendix K		Checked	WBB

MILE 424.70	596.80	39414.	1.92	20562.	2795.	6.94	0.0230	840.	21.	0.12
MILE 420.49	595.72	33949.	1.80	18873.	1631.	5.32	0.0230	360.	17.	0.09
MILE 416.28	595.43	30521.	1.57	19401.	1762.	5.77	0.0270	359.	16.	0.08
MILE 412.08	594.91	22309.	0.94	23787.	2011.	6.17	0.0270	360.	18.	0.05
MILE 407.88	594.69	17949.	0.70	25705.	1704.	6.62	0.0270	360.	18.	0.03
MILE 403.67	594.56	17760.	0.69	25781.	1342.	7.17	0.0240	359.	21.	0.03
MILE 399.47	594.44	9224.	0.27	34089.	5363.	7.77	0.0220	360.	30.	0.02
MILE 395.26	594.34	3476.	0.10	33183.	9380.	9.40	0.0220	359.	36.	0.01
MILE 391.06	594.33	1209.	0.03	40600.	2420.	7.41	0.0220	1016.	28.	0.00
MILE 386.85	594.32	2828.	0.05	53279.	4918.	5.51	0.0210	1662.	35.	0.00
MILE 382.64	594.30	6278.	0.09	71150.	8991.	5.75	0.0210	1658.	31.	0.01
MILE 378.44	594.27	15253.	0.26	58668.	11758.	5.38	0.0210	1658.	38.	0.02
MILE 374.23	594.22	29784.	0.30	98833.	13512.	6.30	0.0210	1662.	36.	0.02
MILE 370.03	594.17	44371.	0.41	109074.	7899.	6.82	0.0210	1662.	44.	0.02
MILE 365.82	594.10	54014.	0.44	123487.	7581.	6.74	0.0210	1658.	41.	0.02
MILE 361.62	594.05	67656.	0.60	112728.	12367.	7.73	0.0210	1662.	48.	0.04
MILE 357.41	594.05	73929.	0.55	135481.	23492.	7.78	0.0210	1658.	58.	0.04
MILE 353.21	594.09	72274.	0.66	109603.	6609.	9.17	0.0230	1662.	57.	0.03
MILE 349.00	594.15	71311.	0.62	115377.	3824.	9.71	0.0240	1662.	60.	0.02

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.31	42284.	2.00	21142.	3181.	7.05	0.0230	938.	21.	0.14
MILE 420.49	596.25	38137.	1.94	19684.	1834.	5.46	0.0230	464.	17.	0.10
MILE 416.28	595.90	35103.	1.75	20048.	1919.	5.88	0.0270	462.	17.	0.10
MILE 412.08	595.33	30805.	1.26	24439.	2080.	6.27	0.0270	464.	19.	0.06
MILE 407.88	595.03	27906.	1.06	26214.	1729.	6.70	0.0270	464.	19.	0.05
MILE 403.67	594.82	27843.	1.07	26133.	1346.	7.23	0.0240	462.	22.	0.04
MILE 399.47	594.62	21840.	0.63	34418.	5409.	7.79	0.0220	464.	31.	0.04
MILE 395.26	594.51	20991.	0.63	33389.	9455.	9.43	0.0220	462.	36.	0.06
MILE 391.06	594.36	16276.	0.40	40708.	2425.	7.41	0.0220	483.	28.	0.02
MILE 386.85	594.25	16702.	0.31	53024.	4903.	5.50	0.0210	501.	35.	0.02
MILE 382.64	594.17	20017.	0.28	70447.	8933.	5.72	0.0210	500.	31.	0.02
MILE 378.44	594.11	29117.	0.50	57818.	11670.	5.37	0.0210	500.	38.	0.04
MILE 374.23	594.07	42705.	0.44	97916.	13417.	6.27	0.0210	501.	36.	0.03
MILE 370.03	594.06	53305.	0.49	108388.	7856.	6.80	0.0210	501.	44.	0.02
MILE 365.82	594.04	53410.	0.43	123108.	7569.	6.73	0.0210	500.	41.	0.02
MILE 361.62	594.05	48464.	0.43	112723.	12366.	7.73	0.0210	501.	48.	0.03
MILE 357.41	594.05	49202.	0.36	135491.	23493.	7.78	0.0210	500.	58.	0.03
MILE 353.21	594.04	55395.	0.51	109399.	6593.	9.16	0.0230	501.	57.	0.02
MILE 349.00	594.00	58084.	0.51	114808.	3820.	9.68	0.0240	501.	60.	0.02

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.60	42111.	1.96	21466.	3397.	7.12	0.0230	860.	22.	0.14
MILE 420.49	596.55	39429.	1.96	20142.	1949.	5.54	0.0230	390.	18.	0.11
MILE 416.28	596.18	37303.	1.82	20443.	2015.	5.95	0.0270	390.	17.	0.10
MILE 412.08	595.55	35516.	1.43	24778.	2120.	6.32	0.0270	390.	19.	0.07
MILE 407.88	595.15	34265.	1.30	26400.	1773.	6.72	0.0270	390.	19.	0.06
MILE 403.67	594.92	34686.	1.32	26274.	1347.	7.25	0.0240	390.	22.	0.05
MILE 399.47	594.72	35112.	1.01	34611.	5436.	7.81	0.0220	390.	31.	0.07
MILE 395.26	594.56	37801.	1.13	33456.	9479.	9.43	0.0220	390.	36.	0.11
MILE 391.06	594.37	39203.	0.96	40720.	2425.	7.41	0.0220	562.	28.	0.04
MILE 386.85	594.24	40651.	0.77	52949.	4899.	5.50	0.0210	730.	35.	0.04
MILE 382.64	594.13	41507.	0.59	70227.	8915.	5.71	0.0210	729.	31.	0.04
MILE 378.44	594.05	38776.	0.67	57468.	11634.	5.37	0.0210	729.	38.	0.05
MILE 374.23	594.03	32018.	0.33	97671.	13392.	6.26	0.0210	730.	36.	0.02
MILE 370.03	594.03	30042.	0.28	108229.	7846.	6.79	0.0210	730.	44.	0.01
MILE 365.82	594.02	33550.	0.27	122937.	7563.	6.73	0.0210	729.	41.	0.01
MILE 361.62	594.02	41604.	0.37	112563.	12348.	7.73	0.0210	730.	48.	0.02
MILE 357.41	594.04	44314.	0.33	135418.	23480.	7.78	0.0210	729.	58.	0.02
MILE 353.21	594.06	40663.	0.37	109493.	6600.	9.17	0.0230	730.	57.	0.02
MILE 349.00	594.09	40367.	0.35	115149.	3822.	9.70	0.0240	730.	60.	0.01

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.78	41806.	1.93	21673.	3534.	7.16	0.0230	976.	22.	0.14
MILE 420.49	596.74	40524.	1.98	20438.	2023.	5.59	0.0230	510.	18.	0.11
MILE 416.28	596.36	39500.	1.91	20696.	2076.	6.00	0.0270	508.	17.	0.11
MILE 412.08	595.69	39015.	1.56	24998.	2146.	6.35	0.0270	510.	19.	0.08
MILE 407.88	595.21	39139.	1.48	26499.	1796.	6.74	0.0270	510.	19.	0.07
MILE 403.67	594.94	40142.	1.53	26298.	1347.	7.26	0.0240	508.	22.	0.06
MILE 399.47	594.71	43210.	1.25	34577.	5431.	7.80	0.0220	510.	31.	0.09
MILE 395.26	594.53	44341.	1.33	33417.	9465.	9.43	0.0220	508.	36.	0.12
MILE 391.06	594.35	46614.	1.15	40661.	2423.	7.41	0.0220	569.	28.	0.05
MILE 386.85	594.24	46017.	0.87	52973.	4900.	5.50	0.0210	626.	35.	0.05
MILE 382.64	594.17	44134.	0.63	70429.	8931.	5.72	0.0210	625.	31.	0.04
MILE 378.44	594.11	40209.	0.70	57804.	11669.	5.37	0.0210	625.	38.	0.06
MILE 374.23	594.07	40717.	0.42	97896.	13415.	6.27	0.0210	626.	36.	0.03
MILE 370.03	594.06	35048.	0.32	108383.	7856.	6.80	0.0210	626.	44.	0.02
MILE 365.82	594.05	30480.	0.25	123113.	7569.	6.73	0.0210	625.	41.	0.01
MILE 361.62	594.04	23833.	0.21	112676.	12361.	7.73	0.0210	626.	48.	0.01
MILE 357.41	594.04	23663.	0.17	135430.	23482.	7.78	0.0210	625.	58.	0.01
MILE 353.21	594.04	31198.	0.29	109407.	6593.	9.16	0.0230	626.	57.	0.01

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MILE 349.00 594.03 33669. 0.29 114921. 3821. 9.69 0.0240 626. 60. 0.01

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 599.08 65232. 2.82 23133. 4500. 7.44 0.0230 1024. 23. 0.22
MILE 420.49 597.42 56182. 2.62 21478. 2283. 5.76 0.0230 560. 18. 0.15
MILE 416.28 596.77 49587. 2.33 21263. 2213. 6.09 0.0270 559. 18. 0.13
MILE 412.08 595.84 44845. 1.78 25229. 2174. 6.39 0.0270 560. 19. 0.09
MILE 407.88 595.24 42806. 1.61 26549. 1807. 6.74 0.0270 560. 19. 0.07
MILE 403.67 594.94 42998. 1.64 26294. 1347. 7.26 0.0240 559. 22. 0.07
MILE 399.47 594.69 43988. 1.27 34540. 5426. 7.80 0.0220 560. 31. 0.09
MILE 395.26 594.52 44027. 1.32 33408. 9462. 9.43 0.0220 559. 36. 0.12
MILE 391.06 594.37 43083. 1.06 40733. 2426. 7.41 0.0220 682. 28. 0.05
MILE 386.85 594.28 43766. 0.82 53114. 4908. 5.51 0.0210 800. 35. 0.04
MILE 382.64 594.19 44880. 0.64 70574. 8943. 5.72 0.0210 798. 31. 0.04
MILE 378.44 594.15 44851. 0.77 58034. 11693. 5.38 0.0210 798. 38. 0.06
MILE 374.23 594.14 36855. 0.37 98357. 13463. 6.28 0.0210 800. 36. 0.02
MILE 370.03 594.12 34004. 0.31 108781. 7880. 6.81 0.0210 800. 44. 0.01
MILE 365.82 594.09 34845. 0.28 123404. 7578. 6.74 0.0210 798. 41. 0.01
MILE 361.62 594.07 35112. 0.31 112798. 12375. 7.74 0.0210 800. 48. 0.02
MILE 357.41 594.07 30248. 0.22 135589. 23511. 7.78 0.0210 798. 58. 0.02
MILE 353.21 594.08 18617. 0.17 109567. 6606. 9.17 0.0230 800. 57. 0.01
MILE 349.00 594.10 17281. 0.15 115187. 3823. 9.70 0.0240 800. 60. 0.00

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 599.49 65110. 2.76 23600. 4807. 7.53 0.0230 1031. 23. 0.22
MILE 420.49 597.88 59585. 2.69 22186. 2459. 5.88 0.0230 556. 19. 0.16
MILE 416.28 597.23 55290. 2.52 21900. 2367. 6.20 0.0270 555. 18. 0.15
MILE 412.08 596.19 51852. 2.01 25773. 2238. 6.47 0.0270 556. 20. 0.10
MILE 407.88 595.46 48947. 1.82 26895. 1887. 6.79 0.0270 556. 19. 0.08
MILE 403.67 595.07 48102. 1.82 26499. 1368. 7.28 0.0240 555. 22. 0.07
MILE 399.47 594.74 44450. 1.28 34647. 5441. 7.81 0.0220 556. 31. 0.09
MILE 395.26 594.55 43446. 1.30 33443. 9475. 9.43 0.0220 555. 36. 0.12
MILE 391.06 594.40 42981. 1.05 40802. 2429. 7.41 0.0220 776. 28. 0.05
MILE 386.85 594.31 42543. 0.80 53252. 4916. 5.51 0.0210 992. 35. 0.04
MILE 382.64 594.25 41577. 0.59 70858. 8967. 5.73 0.0210 990. 31. 0.04
MILE 378.44 594.20 39853. 0.68 58276. 11718. 5.38 0.0210 990. 38. 0.05
MILE 374.23 594.16 42488. 0.43 98465. 13474. 6.29 0.0210 992. 36. 0.03

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MILE 370.03	594.15	40219.	0.37	108970.	7892.	6.82	0.0210	992.	44.	0.02
MILE 365.82	594.15	36643.	0.30	123831.	7593.	6.75	0.0210	990.	41.	0.01
MILE 361.62	594.15	29268.	0.26	113224.	12423.	7.75	0.0210	992.	49.	0.02
MILE 357.41	594.14	25407.	0.19	136091.	23601.	7.79	0.0210	990.	58.	0.01
MILE 353.21	594.14	21288.	0.19	109802.	6625.	9.18	0.0230	992.	57.	0.01
MILE 349.00	594.12	20578.	0.18	115263.	3823.	9.71	0.0240	992.	60.	0.01

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.74	64985.	2.72	23886.	4995.	7.58	0.0230	1093.	24.	0.22
MILE 420.49	598.19	61147.	2.70	22674.	2580.	5.95	0.0230	607.	19.	0.16
MILE 416.28	597.54	57978.	2.60	22334.	2471.	6.28	0.0270	606.	18.	0.15
MILE 412.08	596.45	55297.	2.11	26182.	2287.	6.52	0.0270	607.	20.	0.11
MILE 407.88	595.66	52800.	1.94	27194.	1956.	6.83	0.0270	607.	19.	0.09
MILE 403.67	595.23	52193.	1.95	26755.	1411.	7.30	0.0240	606.	22.	0.08
MILE 399.47	594.86	49842.	1.43	34866.	5471.	7.82	0.0220	607.	31.	0.10
MILE 395.26	594.65	47710.	1.42	33566.	9519.	9.45	0.0220	606.	36.	0.13
MILE 391.06	594.49	41568.	1.01	41060.	2439.	7.42	0.0220	1598.	28.	0.04
MILE 386.85	594.38	42276.	0.79	53529.	4932.	5.52	0.0210	2573.	35.	0.04
MILE 382.64	594.29	43579.	0.61	71069.	8984.	5.74	0.0210	2567.	31.	0.04
MILE 378.44	594.24	42413.	0.72	58520.	11743.	5.38	0.0210	2567.	38.	0.06
MILE 374.23	594.24	35419.	0.36	98951.	13525.	6.31	0.0210	2573.	36.	0.02
MILE 370.03	594.23	30511.	0.28	109459.	7922.	6.84	0.0210	2573.	44.	0.01
MILE 365.82	594.22	30486.	0.25	124326.	7609.	6.76	0.0210	2567.	41.	0.01
MILE 361.62	594.21	29760.	0.26	113552.	12461.	7.77	0.0210	2573.	49.	0.02
MILE 357.41	594.22	25536.	0.19	136599.	23691.	7.80	0.0210	2567.	58.	0.01
MILE 353.21	594.25	10558.	0.10	110234.	6660.	9.20	0.0230	2573.	57.	0.00
MILE 349.00	594.28	9176.	0.08	115871.	3828.	9.74	0.0240	2573.	60.	0.00

ODATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.92	64884.	2.69	24098.	5135.	7.62	0.0230	972.	24.	0.22
MILE 420.49	598.42	62115.	2.70	23028.	2667.	6.01	0.0230	466.	19.	0.16
MILE 416.28	597.76	59734.	2.64	22643.	2545.	6.33	0.0270	465.	19.	0.16
MILE 412.08	596.65	57704.	2.18	26499.	2324.	6.57	0.0270	466.	20.	0.11
MILE 407.88	595.82	55714.	2.03	27450.	2015.	6.87	0.0270	466.	20.	0.10
MILE 403.67	595.37	54970.	2.04	26995.	1450.	7.31	0.0240	465.	22.	0.08
MILE 399.47	594.99	51699.	1.47	35103.	5504.	7.84	0.0220	466.	31.	0.10
MILE 395.26	594.76	49693.	1.47	33704.	9570.	9.46	0.0220	465.	36.	0.14

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MILE 391.06	594.56	47101.	1.14	41272.	2448.	7.43	0.0220	533.	28.	0.05
MILE 386.85	594.45	45139.	0.84	53821.	4949.	5.53	0.0210	599.	35.	0.04
MILE 382.64	594.38	42825.	0.60	71529.	9022.	5.77	0.0210	598.	31.	0.04
MILE 378.44	594.33	38616.	0.65	59003.	11793.	5.38	0.0210	598.	38.	0.05
MILE 374.23	594.30	35509.	0.36	99353.	13566.	6.32	0.0210	599.	36.	0.02
MILE 370.03	594.30	30063.	0.27	109880.	7949.	6.86	0.0210	599.	44.	0.01
MILE 365.82	594.31	24853.	0.20	124982.	7631.	6.78	0.0210	598.	41.	0.01
MILE 361.62	594.31	16619.	0.15	114091.	12522.	7.79	0.0210	599.	49.	0.01
MILE 357.41	594.29	18086.	0.13	137032.	23768.	7.80	0.0210	598.	58.	0.01
MILE 353.21	594.25	29396.	0.27	110247.	6661.	9.20	0.0230	599.	57.	0.01
MILE 349.00	594.16	32712.	0.28	115416.	3825.	9.72	0.0240	599.	60.	0.01

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.57	53284.	2.25	23691.	4867.	7.55	0.0230	1004.	24.	0.18
MILE 420.49	598.37	55789.	2.43	22947.	2647.	6.00	0.0230	479.	19.	0.15
MILE 416.28	597.82	57618.	2.53	22739.	2568.	6.34	0.0270	478.	19.	0.15
MILE 412.08	596.79	58116.	2.18	26718.	2350.	6.60	0.0270	479.	20.	0.11
MILE 407.88	595.96	57174.	2.07	27676.	2067.	6.90	0.0270	479.	20.	0.10
MILE 403.67	595.50	56787.	2.09	27213.	1486.	7.33	0.0240	478.	22.	0.09
MILE 399.47	595.10	54736.	1.54	35463.	5639.	7.80	0.0220	479.	31.	0.11
MILE 395.26	594.86	52768.	1.56	33828.	9614.	9.48	0.0220	478.	36.	0.15
MILE 391.06	594.66	47973.	1.15	41560.	2459.	7.43	0.0220	472.	28.	0.05
MILE 386.85	594.54	46512.	0.86	54194.	4971.	5.55	0.0210	466.	35.	0.05
MILE 382.64	594.45	45098.	0.63	71904.	9053.	5.78	0.0210	465.	31.	0.04
MILE 378.44	594.41	40373.	0.68	59420.	11835.	5.39	0.0210	465.	38.	0.05
MILE 374.23	594.40	30501.	0.31	99951.	13628.	6.35	0.0210	466.	36.	0.02
MILE 370.03	594.37	27446.	0.25	110264.	7972.	6.87	0.0210	466.	44.	0.01
MILE 365.82	594.31	31372.	0.25	124988.	7631.	6.78	0.0210	465.	41.	0.01
MILE 361.62	594.27	39927.	0.35	113868.	12497.	7.78	0.0210	466.	49.	0.02
MILE 357.41	594.25	41691.	0.30	136788.	23725.	7.80	0.0210	465.	58.	0.02
MILE 353.21	594.25	37888.	0.34	110268.	6663.	9.21	0.0230	466.	57.	0.01
MILE 349.00	594.25	37227.	0.32	115757.	3827.	9.73	0.0240	466.	60.	0.01

0DATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.84	38354.	1.68	22864.	4322.	7.39	0.0230	1126.	23.	0.13
MILE 420.49	598.02	45368.	2.03	22399.	2512.	5.91	0.0230	546.	19.	0.12
MILE 416.28	597.64	51122.	2.27	22476.	2505.	6.30	0.0270	545.	18.	0.13

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MILE 412.08	596.76	54864.	2.06	26674.	2344.	6.60	0.0270	546.	20.	0.11
MILE 407.88	596.01	56398.	2.03	27745.	2083.	6.91	0.0270	546.	20.	0.10
MILE 403.67	595.57	56711.	2.07	27341.	1507.	7.33	0.0240	545.	22.	0.09
MILE 399.47	595.20	55042.	1.54	35794.	5765.	7.77	0.0220	546.	31.	0.11
MILE 395.26	594.96	53735.	1.58	33950.	9659.	9.49	0.0220	545.	36.	0.15
MILE 391.06	594.76	49886.	1.19	41825.	2470.	7.44	0.0220	662.	28.	0.05
MILE 386.85	594.64	47591.	0.87	54589.	4993.	5.56	0.0210	777.	36.	0.05
MILE 382.64	594.55	45275.	0.63	72425.	9096.	5.81	0.0210	775.	31.	0.04
MILE 378.44	594.47	42675.	0.71	59743.	11868.	5.39	0.0210	775.	38.	0.06
MILE 374.23	594.39	50156.	0.50	99912.	13624.	6.34	0.0210	777.	36.	0.03
MILE 370.03	594.36	51779.	0.47	110203.	7969.	6.87	0.0210	777.	44.	0.02
MILE 365.82	594.31	49993.	0.40	125005.	7631.	6.78	0.0210	775.	41.	0.02
MILE 361.62	594.29	43388.	0.38	113983.	12510.	7.79	0.0210	777.	49.	0.02
MILE 357.41	594.29	36514.	0.27	137014.	23765.	7.80	0.0210	775.	58.	0.02
MILE 353.21	594.31	26133.	0.24	110489.	6680.	9.22	0.0230	777.	57.	0.01
MILE 349.00	594.35	23381.	0.20	116138.	3830.	9.76	0.0240	776.	60.	0.01

0DATE 5-05-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.44	35882.	1.60	22418.	4028.	7.30	0.0230	1193.	22.	0.12
MILE 420.49	597.69	41844.	1.91	21896.	2387.	5.83	0.0230	559.	19.	0.11
MILE 416.28	597.33	46212.	2.10	22048.	2402.	6.23	0.0270	557.	18.	0.12
MILE 412.08	596.57	49584.	1.88	26377.	2310.	6.55	0.0270	559.	20.	0.10
MILE 407.88	595.93	52196.	1.89	27629.	2056.	6.90	0.0270	559.	20.	0.09
MILE 403.67	595.57	53226.	1.95	27336.	1506.	7.33	0.0240	557.	22.	0.08
MILE 399.47	595.25	53423.	1.48	35978.	5835.	7.75	0.0220	559.	31.	0.11
MILE 395.26	595.05	52543.	1.54	34079.	9730.	9.50	0.0220	557.	37.	0.15
MILE 391.06	594.82	50357.	1.20	42017.	2478.	7.45	0.0220	601.	28.	0.05
MILE 386.85	594.68	51375.	0.94	54747.	5002.	5.57	0.0210	643.	36.	0.05
MILE 382.64	594.55	53473.	0.74	72424.	9096.	5.81	0.0210	642.	31.	0.05
MILE 378.44	594.46	55752.	0.93	59729.	11867.	5.39	0.0210	642.	38.	0.07
MILE 374.23	594.43	51323.	0.51	100128.	13646.	6.35	0.0210	643.	36.	0.03
MILE 370.03	594.41	46621.	0.42	110549.	7990.	6.88	0.0210	643.	44.	0.02
MILE 365.82	594.39	43320.	0.34	125588.	7650.	6.80	0.0210	642.	41.	0.02
MILE 361.62	594.40	35807.	0.31	114539.	12573.	7.81	0.0210	643.	49.	0.02
MILE 357.41	594.41	27632.	0.20	137811.	23907.	7.81	0.0210	642.	58.	0.01
MILE 353.21	594.43	11710.	0.11	110948.	6717.	9.24	0.0230	643.	58.	0.00
MILE 349.00	594.44	8553.	0.07	116480.	3833.	9.77	0.0240	643.	60.	0.00

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.95	30429.	1.39	21864.	3661.	7.20	0.0230	1318.	22.	0.10
MILE 420.49	597.32	36709.	1.72	21325.	2245.	5.74	0.0230	605.	18.	0.10
MILE 416.28	597.04	41433.	1.92	21634.	2303.	6.16	0.0270	604.	18.	0.11
MILE 412.08	596.39	45306.	1.74	26092.	2276.	6.51	0.0270	605.	20.	0.09
MILE 407.88	595.84	47988.	1.75	27490.	2024.	6.88	0.0270	605.	20.	0.08
MILE 403.67	595.53	49073.	1.80	27275.	1496.	7.33	0.0240	604.	22.	0.07
MILE 399.47	595.26	50075.	1.39	35990.	5840.	7.74	0.0220	605.	31.	0.10
MILE 395.26	595.06	51624.	1.51	34092.	9739.	9.50	0.0220	604.	37.	0.14
MILE 391.06	594.82	54428.	1.30	41996.	2477.	7.45	0.0220	885.	28.	0.06
MILE 386.85	594.68	54941.	1.00	54744.	5002.	5.57	0.0210	1160.	36.	0.05
MILE 382.64	594.57	54189.	0.75	72547.	9106.	5.81	0.0210	1157.	31.	0.05
MILE 378.44	594.52	50330.	0.84	60033.	11898.	5.39	0.0210	1157.	38.	0.07
MILE 374.23	594.51	42721.	0.42	100638.	13699.	6.37	0.0210	1160.	36.	0.03
MILE 370.03	594.52	33536.	0.30	111194.	8030.	6.91	0.0210	1160.	45.	0.01
MILE 365.82	594.52	28504.	0.23	126502.	7681.	6.82	0.0210	1157.	41.	0.01
MILE 361.62	594.53	20418.	0.18	115228.	12651.	7.84	0.0210	1160.	49.	0.01
MILE 357.41	594.53	15968.	0.12	138569.	24041.	7.83	0.0210	1157.	58.	0.01
MILE 353.21	594.53	8715.	0.08	111373.	6751.	9.26	0.0230	1160.	58.	0.00
MILE 349.00	594.53	7666.	0.07	116823.	3836.	9.79	0.0240	1160.	60.	0.00

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.50	26417.	1.24	21348.	3318.	7.09	0.0230	1579.	21.	0.09
MILE 420.49	596.96	32316.	1.56	20765.	2105.	5.64	0.0230	789.	18.	0.09
MILE 416.28	596.73	36704.	1.73	21205.	2199.	6.08	0.0270	787.	18.	0.10
MILE 412.08	596.19	40646.	1.58	25773.	2238.	6.46	0.0270	789.	20.	0.08
MILE 407.88	595.72	43932.	1.61	27299.	1981.	6.85	0.0270	789.	19.	0.08
MILE 403.67	595.46	45726.	1.68	27140.	1474.	7.32	0.0240	787.	22.	0.07
MILE 399.47	595.21	48930.	1.37	35825.	5777.	7.76	0.0220	789.	31.	0.10
MILE 395.26	595.03	50411.	1.48	34056.	9715.	9.50	0.0220	787.	37.	0.14
MILE 391.06	594.85	49943.	1.19	42084.	2480.	7.45	0.0220	1209.	28.	0.05
MILE 386.85	594.74	50161.	0.91	54993.	5016.	5.58	0.0210	1622.	36.	0.05
MILE 382.64	594.66	49192.	0.67	73005.	9144.	5.83	0.0210	1618.	31.	0.04
MILE 378.44	594.63	43925.	0.72	60657.	11960.	5.40	0.0210	1618.	38.	0.06
MILE 374.23	594.63	33940.	0.33	101370.	13775.	6.40	0.0210	1622.	36.	0.02
MILE 370.03	594.62	24492.	0.22	111841.	8070.	6.93	0.0210	1622.	45.	0.01
MILE 365.82	594.62	21621.	0.17	127173.	7703.	6.84	0.0210	1618.	41.	0.01
MILE 361.62	594.61	18531.	0.16	115662.	12701.	7.86	0.0210	1622.	49.	0.01
MILE 357.41	594.60	20118.	0.14	138978.	24113.	7.83	0.0210	1618.	58.	0.01
MILE 353.21	594.56	26192.	0.23	111477.	6760.	9.26	0.0230	1622.	58.	0.01
MILE 349.00	594.48	29451.	0.25	116633.	3834.	9.78	0.0240	1622.	60.	0.01

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TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.26	26447.	1.25	21085.	3143.	7.04	0.0230	1910. 21. 0.09
MILE 420.49	596.71	31109.	1.53	20389.	2011.	5.58	0.0230	863. 18. 0.08
MILE 416.28	596.48	34272.	1.64	20856.	2115.	6.02	0.0270	861. 17. 0.09
MILE 412.08	595.98	37357.	1.47	25450.	2200.	6.42	0.0270	863. 19. 0.08
MILE 407.88	595.58	40332.	1.49	27070.	1928.	6.82	0.0270	863. 19. 0.07
MILE 403.67	595.36	41922.	1.55	26973.	1447.	7.31	0.0240	861. 22. 0.06
MILE 399.47	595.16	43732.	1.23	35662.	5715.	7.78	0.0220	863. 31. 0.09
MILE 395.26	595.03	44464.	1.31	34053.	9713.	9.50	0.0220	861. 37. 0.12
MILE 391.06	594.90	43560.	1.03	42240.	2487.	7.45	0.0220	1226. 28. 0.04
MILE 386.85	594.83	43381.	0.78	55362.	5037.	5.59	0.0210	1584. 36. 0.04
MILE 382.64	594.77	42373.	0.58	73586.	9191.	5.86	0.0210	1580. 32. 0.04
MILE 378.44	594.74	38430.	0.63	61263.	12021.	5.41	0.0210	1580. 38. 0.05
MILE 374.23	594.72	34290.	0.34	101948.	13834.	6.42	0.0210	1584. 36. 0.02
MILE 370.03	594.69	33643.	0.30	112237.	8095.	6.95	0.0210	1584. 45. 0.01
MILE 365.82	594.64	36748.	0.29	127311.	7707.	6.84	0.0210	1580. 41. 0.01
MILE 361.62	594.59	41728.	0.36	115559.	12689.	7.85	0.0210	1584. 49. 0.02
MILE 357.41	594.55	45687.	0.33	138712.	24066.	7.83	0.0210	1580. 58. 0.02
MILE 353.21	594.52	53401.	0.48	111324.	6748.	9.26	0.0230	1584. 58. 0.02
MILE 349.00	594.45	56245.	0.48	116519.	3833.	9.78	0.0240	1583. 60. 0.02

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TIME 22.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	597.10	26479.	1.27	20908.	3025.	7.01	0.0230	2240. 21. 0.08
MILE 420.49	596.54	30564.	1.52	20131.	1946.	5.54	0.0230	936. 18. 0.08
MILE 416.28	596.32	32923.	1.60	20628.	2060.	5.98	0.0270	934. 17. 0.09
MILE 412.08	595.85	35025.	1.39	25247.	2176.	6.39	0.0270	936. 19. 0.07
MILE 407.88	595.50	36829.	1.37	26942.	1898.	6.80	0.0270	936. 19. 0.06
MILE 403.67	595.31	37882.	1.41	26890.	1433.	7.30	0.0240	934. 22. 0.06
MILE 399.47	595.15	38095.	1.07	35608.	5695.	7.78	0.0220	936. 31. 0.08
MILE 395.26	595.05	38035.	1.12	34082.	9732.	9.50	0.0220	934. 37. 0.11
MILE 391.06	594.95	37247.	0.88	42367.	2492.	7.46	0.0220	1109. 28. 0.04
MILE 386.85	594.88	37912.	0.68	55593.	5050.	5.60	0.0210	1278. 36. 0.04
MILE 382.64	594.83	39058.	0.53	73878.	9215.	5.87	0.0210	1275. 32. 0.03
MILE 378.44	594.77	41825.	0.68	61450.	12040.	5.41	0.0210	1275. 38. 0.05
MILE 374.23	594.71	49674.	0.49	101917.	13831.	6.42	0.0210	1278. 36. 0.03
MILE 370.03	594.66	55988.	0.50	112081.	8085.	6.94	0.0210	1278. 45. 0.02
MILE 365.82	594.59	60005.	0.47	126982.	7696.	6.83	0.0210	1275. 41. 0.02

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MILE 361.62	594.55	63954.	0.55	115305.	12660.	7.84	0.0210	1278.	49.	0.03
MILE 357.41	594.52	64590.	0.47	138476.	24024.	7.82	0.0210	1275.	58.	0.03
MILE 353.21	594.51	62706.	0.56	111270.	6743.	9.25	0.0230	1278.	58.	0.02
MILE 349.00	594.48	62381.	0.53	116633.	3834.	9.78	0.0240	1278.	60.	0.02

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	597.31	31816.	1.51	21137.	3178.	7.05	0.0230	2957.	21.	0.10
MILE 420.49	596.60	33851.	1.67	20212.	1967.	5.55	0.0230	1187.	18.	0.09
MILE 416.28	596.31	34123.	1.65	20623.	2059.	5.98	0.0270	1184.	17.	0.09
MILE 412.08	595.82	33990.	1.35	25201.	2171.	6.38	0.0270	1187.	19.	0.07
MILE 407.88	595.48	34185.	1.27	26926.	1894.	6.80	0.0270	1187.	19.	0.06
MILE 403.67	595.31	34902.	1.30	26899.	1435.	7.31	0.0240	1184.	22.	0.05
MILE 399.47	595.17	34624.	0.97	35674.	5720.	7.78	0.0220	1187.	31.	0.07
MILE 395.26	595.07	35068.	1.03	34113.	9752.	9.50	0.0220	1184.	37.	0.10
MILE 391.06	594.95	36280.	0.86	42380.	2492.	7.46	0.0220	1443.	28.	0.04
MILE 386.85	594.87	39280.	0.71	55533.	5047.	5.60	0.0210	1694.	36.	0.04
MILE 382.64	594.79	43185.	0.59	73660.	9197.	5.86	0.0210	1690.	32.	0.04
MILE 378.44	594.71	49606.	0.81	61120.	12007.	5.40	0.0210	1690.	38.	0.06
MILE 374.23	594.66	57011.	0.56	101603.	13799.	6.41	0.0210	1694.	36.	0.04
MILE 370.03	594.63	63064.	0.56	111874.	8072.	6.93	0.0210	1694.	45.	0.03
MILE 365.82	594.58	65285.	0.51	126882.	7693.	6.83	0.0210	1690.	41.	0.02
MILE 361.62	594.55	65259.	0.57	115348.	12665.	7.84	0.0210	1694.	49.	0.03
MILE 357.41	594.54	64411.	0.46	138624.	24050.	7.83	0.0210	1690.	58.	0.03
MILE 353.21	594.54	59904.	0.54	111387.	6753.	9.26	0.0230	1694.	58.	0.02
MILE 349.00	594.52	59636.	0.51	116785.	3835.	9.79	0.0240	1694.	60.	0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.21	47526.	2.15	22156.	3854.	7.25	0.0230	3551.	22.	0.16
MILE 420.49	597.06	44649.	2.13	20928.	2146.	5.67	0.0230	1314.	18.	0.12
MILE 416.28	596.61	40810.	1.94	21043.	2160.	6.06	0.0270	1311.	17.	0.11
MILE 412.08	595.97	37072.	1.46	25439.	2199.	6.42	0.0270	1314.	19.	0.08
MILE 407.88	595.58	35160.	1.30	27069.	1927.	6.82	0.0270	1314.	19.	0.06
MILE 403.67	595.37	35611.	1.32	26993.	1450.	7.31	0.0240	1311.	22.	0.05
MILE 399.47	595.19	35775.	1.00	35753.	5750.	7.77	0.0220	1314.	31.	0.07
MILE 395.26	595.06	37320.	1.09	34099.	9743.	9.50	0.0220	1311.	37.	0.10
MILE 391.06	594.91	40757.	0.96	42252.	2487.	7.45	0.0220	1605.	28.	0.04
MILE 386.85	594.81	43603.	0.79	55283.	5033.	5.59	0.0210	1889.	36.	0.04

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MILE 382.64	594.73	46510.	0.63	73344.	9171.	5.85	0.0210	1884.	32.	0.04
MILE 378.44	594.67	50190.	0.82	60867.	11982.	5.40	0.0210	1884.	38.	0.06
MILE 374.23	594.64	52256.	0.52	101451.	13783.	6.40	0.0210	1889.	36.	0.03
MILE 370.03	594.62	53837.	0.48	111841.	8070.	6.93	0.0210	1889.	45.	0.02
MILE 365.82	594.59	54936.	0.43	127013.	7697.	6.83	0.0210	1884.	41.	0.02
MILE 361.62	594.59	55253.	0.48	115527.	12685.	7.85	0.0210	1889.	49.	0.03
MILE 357.41	594.58	56162.	0.40	138906.	24100.	7.83	0.0210	1884.	58.	0.03
MILE 353.21	594.58	54258.	0.49	111571.	6767.	9.27	0.0230	1889.	58.	0.02
MILE 349.00	594.57	54916.	0.47	116975.	3837.	9.80	0.0240	1889.	60.	0.01

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	598.86	53680.	2.35	22887.	4337.	7.39	0.0230	4291.	23.	0.18
MILE 420.49	597.55	50645.	2.34	21671.	2331.	5.79	0.0230	1438.	19.	0.14
MILE 416.28	597.03	46508.	2.15	21632.	2302.	6.16	0.0270	1434.	18.	0.12
MILE 412.08	596.29	43309.	1.67	25930.	2257.	6.49	0.0270	1438.	20.	0.09
MILE 407.88	595.78	41472.	1.51	27385.	2000.	6.86	0.0270	1438.	20.	0.07
MILE 403.67	595.48	41972.	1.54	27185.	1481.	7.32	0.0240	1434.	22.	0.06
MILE 399.47	595.22	41609.	1.16	35865.	5792.	7.76	0.0220	1438.	31.	0.08
MILE 395.26	595.05	42340.	1.24	34082.	9732.	9.50	0.0220	1434.	37.	0.12
MILE 391.06	594.89	43183.	1.02	42207.	2485.	7.45	0.0220	1692.	28.	0.04
MILE 386.85	594.79	44748.	0.81	55216.	5029.	5.59	0.0210	1942.	36.	0.04
MILE 382.64	594.71	46116.	0.63	73285.	9167.	5.84	0.0210	1937.	32.	0.04
MILE 378.44	594.67	46589.	0.77	60860.	11981.	5.40	0.0210	1937.	38.	0.06
MILE 374.23	594.65	45734.	0.45	101500.	13788.	6.41	0.0210	1942.	36.	0.03
MILE 370.03	594.64	44692.	0.40	111934.	8076.	6.93	0.0210	1942.	45.	0.02
MILE 365.82	594.62	45243.	0.36	127197.	7703.	6.84	0.0210	1937.	41.	0.02
MILE 361.62	594.62	45763.	0.40	115676.	12702.	7.86	0.0210	1942.	49.	0.02
MILE 357.41	594.61	48091.	0.35	139064.	24128.	7.83	0.0210	1937.	58.	0.03
MILE 353.21	594.60	51970.	0.47	111633.	6772.	9.27	0.0230	1942.	58.	0.02
MILE 349.00	594.57	54416.	0.47	116975.	3837.	9.80	0.0240	1942.	60.	0.01

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.20	53615.	2.30	23277.	4595.	7.47	0.0230	4907.	23.	0.18
MILE 420.49	597.90	52873.	2.38	22222.	2468.	5.88	0.0230	1438.	19.	0.14
MILE 416.28	597.38	50276.	2.27	22112.	2418.	6.24	0.0270	1435.	18.	0.13
MILE 412.08	596.55	48596.	1.84	26341.	2305.	6.55	0.0270	1438.	20.	0.10
MILE 407.88	595.94	47362.	1.71	27640.	2059.	6.90	0.0270	1438.	20.	0.08

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MILE 403.67	595.59	47795.	1.75	27372.	1512.	7.34	0.0240	1435.	22.	0.07
MILE 399.47	595.29	46954.	1.30	36100.	5881.	7.73	0.0220	1438.	31.	0.09
MILE 395.26	595.10	46881.	1.37	34167.	9788.	9.50	0.0220	1435.	37.	0.13
MILE 391.06	594.93	44445.	1.05	42324.	2490.	7.45	0.0220	1803.	28.	0.04
MILE 386.85	594.83	44843.	0.81	55365.	5037.	5.59	0.0210	2161.	36.	0.04
MILE 382.64	594.75	45325.	0.62	73462.	9181.	5.85	0.0210	2156.	32.	0.04
MILE 378.44	594.70	44163.	0.72	61050.	12000.	5.40	0.0210	2156.	38.	0.06
MILE 374.23	594.68	42559.	0.42	101694.	13808.	6.41	0.0210	2161.	36.	0.03
MILE 370.03	594.66	42232.	0.38	112070.	8084.	6.94	0.0210	2161.	45.	0.02
MILE 365.82	594.63	44213.	0.35	127269.	7706.	6.84	0.0210	2156.	41.	0.02
MILE 361.62	594.61	47089.	0.41	115659.	12700.	7.86	0.0210	2161.	49.	0.02
MILE 357.41	594.59	51302.	0.37	138955.	24109.	7.83	0.0210	2156.	58.	0.03
MILE 353.21	594.56	60876.	0.55	111495.	6761.	9.27	0.0230	2161.	58.	0.02
MILE 349.00	594.50	65063.	0.56	116709.	3835.	9.79	0.0240	2161.	60.	0.02

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	599.46	53561.	2.27	23567.	4786.	7.52	0.0230	5693.	23.	0.18
MILE 420.49	598.17	54593.	2.41	22640.	2571.	5.95	0.0230	1713.	19.	0.14
MILE 416.28	597.63	52926.	2.36	22464.	2502.	6.30	0.0270	1709.	18.	0.14
MILE 412.08	596.75	51826.	1.94	26659.	2343.	6.59	0.0270	1713.	20.	0.10
MILE 407.88	596.09	50892.	1.83	27874.	2113.	6.93	0.0270	1713.	20.	0.09
MILE 403.67	595.71	51400.	1.86	27575.	1545.	7.35	0.0240	1709.	22.	0.08
MILE 399.47	595.39	49740.	1.37	36430.	6005.	7.70	0.0220	1713.	31.	0.10
MILE 395.26	595.18	48968.	1.43	34317.	9886.	9.50	0.0220	1709.	37.	0.13
MILE 391.06	595.00	46384.	1.09	42533.	2498.	7.46	0.0220	1882.	29.	0.05
MILE 386.85	594.89	46420.	0.83	55632.	5052.	5.60	0.0210	2048.	36.	0.04
MILE 382.64	594.80	46709.	0.63	73756.	9205.	5.86	0.0210	2043.	32.	0.04
MILE 378.44	594.74	46003.	0.75	61280.	12023.	5.41	0.0210	2043.	38.	0.06
MILE 374.23	594.70	47254.	0.46	101830.	13822.	6.42	0.0210	2048.	36.	0.03
MILE 370.03	594.66	49769.	0.44	112084.	8085.	6.94	0.0210	2048.	45.	0.02
MILE 365.82	594.61	53586.	0.42	127100.	7700.	6.84	0.0210	2043.	41.	0.02
MILE 361.62	594.57	58926.	0.51	115446.	12676.	7.85	0.0210	2048.	49.	0.03
MILE 357.41	594.55	61289.	0.44	138700.	24064.	7.83	0.0210	2043.	58.	0.03
MILE 353.21	594.55	62133.	0.56	111429.	6756.	9.26	0.0230	2048.	58.	0.02
MILE 349.00	594.53	63381.	0.54	116823.	3836.	9.79	0.0240	2048.	60.	0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	599.93	59791.	2.48	24109.	5142.	7.63	0.0230	6477.	24.	0.20
MILE 420.49	598.52	59718.	2.58	23176.	2704.	6.03	0.0230	1985.	20.	0.16
MILE 416.28	597.90	56680.	2.48	22843.	2593.	6.36	0.0270	1980.	19.	0.15
MILE 412.08	596.96	54652.	2.03	26983.	2381.	6.64	0.0270	1985.	20.	0.11
MILE 407.88	596.25	53303.	1.89	28131.	2172.	6.96	0.0270	1985.	20.	0.09
MILE 403.67	595.85	53848.	1.94	27811.	1583.	7.37	0.0240	1980.	23.	0.08
MILE 399.47	595.50	51980.	1.41	36826.	6152.	7.66	0.0220	1985.	31.	0.10
MILE 395.26	595.28	51162.	1.48	34492.	10000.	9.51	0.0220	1980.	37.	0.14
MILE 391.06	595.09	48108.	1.12	42776.	2502.	7.47	0.0220	2891.	29.	0.05
MILE 386.85	594.97	49768.	0.89	55947.	5070.	5.61	0.0210	3782.	36.	0.05
MILE 382.64	594.86	51922.	0.70	74025.	9227.	5.88	0.0210	3773.	32.	0.04
MILE 378.44	594.77	53269.	0.87	61416.	12036.	5.41	0.0210	3773.	38.	0.07
MILE 374.23	594.71	57242.	0.56	101871.	13826.	6.42	0.0210	3782.	36.	0.04
MILE 370.03	594.67	59853.	0.53	112119.	8087.	6.94	0.0210	3782.	45.	0.03
MILE 365.82	594.62	61536.	0.48	127160.	7702.	6.84	0.0210	3773.	41.	0.02
MILE 361.62	594.58	61530.	0.53	115506.	12683.	7.85	0.0210	3782.	49.	0.03
MILE 357.41	594.55	65833.	0.47	138657.	24056.	7.83	0.0210	3773.	58.	0.03
MILE 353.21	594.50	76817.	0.69	111232.	6740.	9.25	0.0230	3782.	58.	0.03
MILE 349.00	594.39	83107.	0.71	116290.	3831.	9.76	0.0240	3781.	60.	0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	600.57	68793.	2.77	24833.	5616.	7.76	0.0230	6946.	25.	0.23
MILE 420.49	598.97	66757.	2.80	23875.	2877.	6.14	0.0230	2078.	20.	0.17
MILE 416.28	598.26	61923.	2.65	23345.	2713.	6.44	0.0270	2073.	19.	0.16
MILE 412.08	597.22	58751.	2.14	27406.	2430.	6.70	0.0270	2078.	21.	0.11
MILE 407.88	596.45	56629.	1.99	28450.	2245.	7.01	0.0270	2078.	20.	0.10
MILE 403.67	596.01	56952.	2.03	28085.	1627.	7.38	0.0240	2073.	23.	0.09
MILE 399.47	595.62	54412.	1.46	37261.	6313.	7.63	0.0220	2078.	32.	0.11
MILE 395.26	595.38	53735.	1.55	34674.	10118.	9.51	0.0220	2073.	37.	0.15
MILE 391.06	595.16	52004.	1.21	42958.	2505.	7.48	0.0220	3027.	29.	0.05
MILE 386.85	595.01	54492.	0.97	56138.	5079.	5.62	0.0210	3961.	36.	0.05
MILE 382.64	594.89	57516.	0.78	74191.	9241.	5.88	0.0210	3951.	32.	0.05
MILE 378.44	594.80	59728.	0.97	61592.	12054.	5.41	0.0210	3951.	38.	0.08
MILE 374.23	594.74	59728.	0.58	102105.	13850.	6.43	0.0210	3961.	36.	0.04
MILE 370.03	594.69	62853.	0.56	112260.	8096.	6.95	0.0210	3961.	45.	0.03
MILE 365.82	594.61	68905.	0.54	127087.	7700.	6.84	0.0210	3951.	41.	0.02
MILE 361.62	594.55	78298.	0.68	115319.	12662.	7.84	0.0210	3961.	49.	0.04
MILE 357.41	594.51	85267.	0.62	138403.	24011.	7.82	0.0210	3951.	58.	0.05
MILE 353.21	594.47	90852.	0.82	111141.	6733.	9.25	0.0230	3961.	58.	0.04
MILE 349.00	594.39	95474.	0.82	116290.	3831.	9.76	0.0240	3960.	60.	0.03

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.53	85260.	3.29	25941.	6338.	7.96	0.0230	7511.	26.	0.29
MILE 420.49	599.61	78428.	3.15	24876.	3123.	6.30	0.0230	2267.	21.	0.20
MILE 416.28	598.74	69882.	2.91	24028.	2876.	6.56	0.0270	2262.	20.	0.18
MILE 412.08	597.57	64544.	2.31	27954.	2495.	6.78	0.0270	2267.	21.	0.12
MILE 407.88	596.70	61134.	2.12	28843.	2335.	7.06	0.0270	2267.	20.	0.11
MILE 403.67	596.20	61241.	2.16	28408.	1679.	7.40	0.0240	2262.	23.	0.09
MILE 399.47	595.76	58658.	1.55	37728.	6483.	7.59	0.0220	2267.	32.	0.11
MILE 395.26	595.47	58438.	1.68	34832.	10221.	9.51	0.0220	2262.	37.	0.16
MILE 391.06	595.21	57334.	1.33	43092.	2507.	7.48	0.0220	2428.	29.	0.06
MILE 386.85	595.05	58564.	1.04	56278.	5080.	5.63	0.0210	2585.	36.	0.06
MILE 382.64	594.91	60243.	0.81	74327.	9252.	5.89	0.0210	2578.	32.	0.05
MILE 378.44	594.81	62601.	1.02	61641.	12059.	5.41	0.0210	2578.	38.	0.08
MILE 374.23	594.72	70664.	0.69	101970.	13836.	6.42	0.0210	2585.	36.	0.04
MILE 370.03	594.66	77726.	0.69	112070.	8084.	6.94	0.0210	2585.	45.	0.03
MILE 365.82	594.57	81359.	0.64	126842.	7692.	6.83	0.0210	2578.	41.	0.03
MILE 361.62	594.53	84176.	0.73	115202.	12648.	7.84	0.0210	2585.	49.	0.04
MILE 357.41	594.51	84341.	0.61	138400.	24011.	7.82	0.0210	2578.	58.	0.04
MILE 353.21	594.52	77033.	0.69	111318.	6747.	9.26	0.0230	2585.	58.	0.03
MILE 349.00	594.53	76188.	0.65	116823.	3836.	9.79	0.0240	2584.	60.	0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.46	98238.	3.64	27012.	7033.	8.15	0.0230	8240.	26.	0.33
MILE 420.49	600.33	89105.	3.43	26010.	3402.	6.47	0.0230	2699.	21.	0.22
MILE 416.28	599.34	78837.	3.17	24877.	3079.	6.69	0.0270	2692.	20.	0.20
MILE 412.08	598.03	72349.	2.52	28681.	2579.	6.88	0.0270	2699.	21.	0.13
MILE 407.88	597.02	67780.	2.31	29354.	2452.	7.13	0.0270	2699.	21.	0.12
MILE 403.67	596.42	67719.	2.35	28804.	1742.	7.43	0.0240	2692.	23.	0.10
MILE 399.47	595.90	64496.	1.69	38238.	6668.	7.55	0.0220	2699.	32.	0.12
MILE 395.26	595.57	64019.	1.83	35001.	10330.	9.51	0.0220	2692.	37.	0.18
MILE 391.06	595.27	62059.	1.44	43245.	2510.	7.49	0.0220	2623.	29.	0.06
MILE 386.85	595.07	63843.	1.13	56383.	5081.	5.64	0.0210	2546.	36.	0.06
MILE 382.64	594.90	66777.	0.90	74267.	9247.	5.89	0.0210	2540.	32.	0.06
MILE 378.44	594.77	70459.	1.15	61455.	12040.	5.41	0.0210	2540.	38.	0.09
MILE 374.23	594.70	73924.	0.73	101829.	13822.	6.42	0.0210	2546.	36.	0.05
MILE 370.03	594.66	76067.	0.68	112054.	8083.	6.94	0.0210	2546.	45.	0.03
MILE 365.82	594.60	75638.	0.60	127071.	7699.	6.84	0.0210	2540.	41.	0.03
MILE 361.62	594.59	70896.	0.61	115545.	12687.	7.85	0.0210	2546.	49.	0.04
MILE 357.41	594.59	67423.	0.49	138930.	24104.	7.83	0.0210	2540.	58.	0.04
MILE 353.21	594.59	60208.	0.54	111599.	6770.	9.27	0.0230	2546.	58.	0.02

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MILE 349.00 594.58 60346. 0.52 117013. 3837. 9.80 0.0240 2545. 60. 0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.09	133148.	4.61	28901.	8250.	8.47	0.0230	8612.	28.	0.43
MILE 420.49	601.40	111675.	4.03	27685.	3811.	6.71	0.0230	2773.	22.	0.26
MILE 416.28	600.10	92876.	3.58	25972.	3336.	6.86	0.0270	2767.	21.	0.23
MILE 412.08	598.57	82193.	2.78	29542.	2680.	7.00	0.0270	2773.	22.	0.15
MILE 407.88	597.39	75706.	2.53	29940.	2585.	7.21	0.0270	2773.	21.	0.13
MILE 403.67	596.68	75156.	2.57	29260.	1814.	7.46	0.0240	2767.	23.	0.11
MILE 399.47	596.07	71010.	1.83	38847.	6885.	7.50	0.0220	2773.	32.	0.14
MILE 395.26	595.67	70634.	2.01	35188.	10450.	9.52	0.0220	2767.	37.	0.19
MILE 391.06	595.32	69242.	1.60	43372.	2512.	7.49	0.0220	2751.	29.	0.07
MILE 386.85	595.09	70192.	1.24	56461.	5082.	5.64	0.0210	2729.	36.	0.07
MILE 382.64	594.91	71439.	0.96	74310.	9251.	5.89	0.0210	2722.	32.	0.06
MILE 378.44	594.79	71036.	1.15	61577.	12052.	5.41	0.0210	2722.	38.	0.09
MILE 374.23	594.75	66510.	0.65	102127.	13853.	6.43	0.0210	2729.	36.	0.04
MILE 370.03	594.72	61177.	0.54	112463.	8109.	6.96	0.0210	2729.	45.	0.03
MILE 365.82	594.69	60390.	0.47	127662.	7719.	6.85	0.0210	2722.	41.	0.02
MILE 361.62	594.67	58954.	0.51	115964.	12735.	7.87	0.0210	2729.	49.	0.03
MILE 357.41	594.66	59253.	0.43	139362.	24181.	7.84	0.0210	2722.	58.	0.03
MILE 353.21	594.64	60386.	0.54	111787.	6785.	9.28	0.0230	2729.	58.	0.02
MILE 349.00	594.59	62944.	0.54	117052.	3837.	9.81	0.0240	2729.	60.	0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.99	138106.	4.61	29946.	8919.	8.65	0.0230	9508.	29.	0.44
MILE 420.49	602.33	121418.	4.16	29159.	4169.	6.92	0.0230	3342.	23.	0.28
MILE 416.28	600.96	105295.	3.86	27260.	3624.	7.03	0.0270	3334.	22.	0.25
MILE 412.08	599.27	94649.	3.09	30654.	2808.	7.14	0.0270	3342.	23.	0.16
MILE 407.88	597.88	86217.	2.81	30718.	2761.	7.31	0.0270	3342.	22.	0.15
MILE 403.67	597.02	85037.	2.85	29847.	1906.	7.50	0.0240	3334.	24.	0.13
MILE 399.47	596.26	79114.	2.00	39560.	7137.	7.46	0.0220	3342.	32.	0.15
MILE 395.26	595.80	77823.	2.20	35413.	10594.	9.52	0.0220	3334.	37.	0.21
MILE 391.06	595.42	73668.	1.69	43646.	2517.	7.51	0.0220	3378.	29.	0.07
MILE 386.85	595.18	73549.	1.29	56834.	5087.	5.67	0.0210	3412.	36.	0.07
MILE 382.64	595.00	73080.	0.98	74756.	9287.	5.91	0.0210	3404.	32.	0.06
MILE 378.44	594.89	68426.	1.10	62094.	12103.	5.41	0.0210	3404.	38.	0.09
MILE 374.23	594.83	62942.	0.61	102656.	13907.	6.45	0.0210	3412.	36.	0.04

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MILE 370.03	594.80	58622.	0.52	112899.	8136.	6.97	0.0210	3412.	45.	0.02
MILE 365.82	594.74	59621.	0.47	128045.	7731.	6.86	0.0210	3404.	42.	0.02
MILE 361.62	594.71	60862.	0.52	116154.	12757.	7.88	0.0210	3412.	49.	0.03
MILE 357.41	594.68	62545.	0.45	139531.	24210.	7.84	0.0210	3404.	58.	0.03
MILE 353.21	594.66	65630.	0.59	111883.	6792.	9.28	0.0230	3412.	58.	0.03
MILE 349.00	594.61	69002.	0.59	117128.	3838.	9.81	0.0240	3412.	60.	0.02

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.57	137470.	4.48	30686.	9357.	8.74	0.0230	11169.	30.	0.44
MILE 420.49	603.09	126160.	4.15	30366.	4460.	7.08	0.0230	4677.	24.	0.28
MILE 416.28	601.70	113548.	4.00	28387.	3873.	7.17	0.0270	4666.	22.	0.26
MILE 412.08	599.95	104349.	3.29	31751.	2935.	7.29	0.0270	4677.	23.	0.18
MILE 407.88	598.42	96420.	3.05	31587.	2957.	7.42	0.0270	4677.	22.	0.16
MILE 403.67	597.42	95673.	3.13	30566.	2017.	7.54	0.0240	4666.	24.	0.14
MILE 399.47	596.53	87270.	2.15	40557.	7482.	7.40	0.0220	4677.	32.	0.16
MILE 395.26	596.00	84638.	2.37	35774.	10825.	9.53	0.0220	4666.	37.	0.23
MILE 391.06	595.64	74208.	1.68	44246.	2526.	7.53	0.0220	6863.	29.	0.07
MILE 386.85	595.39	76085.	1.32	57720.	5097.	5.73	0.0210	9012.	36.	0.07
MILE 382.64	595.17	78028.	1.03	75684.	9435.	5.96	0.0210	8991.	32.	0.06
MILE 378.44	595.02	73493.	1.17	62877.	12190.	5.43	0.0210	8991.	39.	0.09
MILE 374.23	594.95	69968.	0.68	103379.	13982.	6.48	0.0210	9012.	36.	0.04
MILE 370.03	594.90	67606.	0.60	113521.	8174.	7.00	0.0210	9012.	45.	0.03
MILE 365.82	594.82	71131.	0.55	128605.	7749.	6.88	0.0210	8991.	42.	0.02
MILE 361.62	594.76	73600.	0.63	116413.	12786.	7.89	0.0210	9012.	49.	0.04
MILE 357.41	594.67	84807.	0.61	139478.	24201.	7.84	0.0210	8991.	58.	0.04
MILE 353.21	594.56	111990.	1.00	111482.	6760.	9.27	0.0230	9012.	58.	0.04
MILE 349.00	594.30	127777.	1.10	115948.	3829.	9.75	0.0240	9012.	60.	0.04

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.97	134673.	4.32	31190.	9653.	8.80	0.0230	10730.	30.	0.42
MILE 420.49	603.67	128465.	4.10	31302.	4685.	7.21	0.0230	3869.	25.	0.28
MILE 416.28	602.31	119115.	4.06	29320.	4077.	7.29	0.0270	3860.	23.	0.27
MILE 412.08	600.51	111790.	3.42	32674.	3038.	7.41	0.0270	3869.	24.	0.18
MILE 407.88	598.91	104983.	3.24	32369.	3133.	7.52	0.0270	3869.	23.	0.18
MILE 403.67	597.81	103968.	3.33	31267.	2125.	7.58	0.0240	3860.	25.	0.15
MILE 399.47	596.84	93526.	2.24	41746.	7886.	7.34	0.0220	3869.	33.	0.17
MILE 395.26	596.27	89309.	2.46	36267.	11138.	9.53	0.0220	3860.	38.	0.24

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MILE 391.06	595.86	78922.	1.76	44855.	2536.	7.56	0.0220	5923.	29.	0.07
MILE 386.85	595.58	81028.	1.38	58557.	5107.	5.78	0.0210	7948.	36.	0.07
MILE 382.64	595.36	84034.	1.10	76648.	9590.	6.01	0.0210	7929.	32.	0.07
MILE 378.44	595.19	83569.	1.31	63728.	12335.	5.47	0.0210	7929.	39.	0.10
MILE 374.23	595.08	83181.	0.80	104205.	14035.	6.51	0.0210	7948.	37.	0.05
MILE 370.03	594.97	88563.	0.78	113961.	8201.	7.01	0.0210	7948.	45.	0.04
MILE 365.82	594.80	100372.	0.78	128447.	7744.	6.87	0.0210	7929.	42.	0.03
MILE 361.62	594.68	117618.	1.01	115997.	12739.	7.87	0.0210	7948.	49.	0.06
MILE 357.41	594.61	125725.	0.90	139061.	24127.	7.83	0.0210	7929.	58.	0.07
MILE 353.21	594.60	120642.	1.08	111631.	6772.	9.27	0.0230	7948.	58.	0.05
MILE 349.00	594.53	123925.	1.06	116823.	3836.	9.79	0.0240	7947.	60.	0.03

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.16	128254.	4.08	31439.	9799.	8.83	0.0230	11278.	30.	0.40
MILE 420.49	604.07	127478.	3.99	31939.	4838.	7.29	0.0230	4050.	25.	0.27
MILE 416.28	602.75	121918.	4.06	30011.	4228.	7.37	0.0270	4040.	24.	0.27
MILE 412.08	600.95	116725.	3.49	33408.	3120.	7.50	0.0270	4050.	24.	0.19
MILE 407.88	599.32	110910.	3.36	33039.	3282.	7.60	0.0270	4050.	23.	0.19
MILE 403.67	598.16	109994.	3.45	31923.	2224.	7.62	0.0240	4040.	25.	0.16
MILE 399.47	597.15	99056.	2.31	42952.	8286.	7.29	0.0220	4050.	33.	0.18
MILE 395.26	596.52	95724.	2.61	36732.	11430.	9.54	0.0220	4040.	38.	0.26
MILE 391.06	596.06	87018.	1.92	45383.	2545.	7.58	0.0220	5141.	30.	0.08
MILE 386.85	595.74	89024.	1.50	59208.	5114.	5.82	0.0210	6217.	37.	0.08
MILE 382.64	595.47	92332.	1.20	77248.	9686.	6.04	0.0210	6203.	32.	0.07
MILE 378.44	595.24	95400.	1.49	64018.	12385.	5.48	0.0210	6203.	39.	0.12
MILE 374.23	595.08	108715.	1.04	104199.	14035.	6.51	0.0210	6217.	37.	0.07
MILE 370.03	594.96	118278.	1.04	113926.	8199.	7.01	0.0210	6217.	45.	0.05
MILE 365.82	594.81	120769.	0.94	128540.	7747.	6.87	0.0210	6203.	42.	0.04
MILE 361.62	594.74	115414.	0.99	116341.	12778.	7.88	0.0210	6217.	49.	0.06
MILE 357.41	594.71	110842.	0.79	139690.	24238.	7.84	0.0210	6203.	58.	0.06
MILE 353.21	594.71	96243.	0.86	112089.	6809.	9.29	0.0230	6217.	58.	0.04
MILE 349.00	594.70	96120.	0.82	117470.	3841.	9.83	0.0240	6217.	60.	0.03

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.15	157744.	4.82	32712.	10536.	8.98	0.0230	12350.	31.	0.48
MILE 420.49	604.71	144572.	4.38	32979.	5086.	7.43	0.0230	4439.	26.	0.30
MILE 416.28	603.22	129555.	4.22	30733.	4384.	7.46	0.0270	4428.	24.	0.28

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MILE 412.08	601.35	121264.	3.56	34068.	3194.	7.58	0.0270	4439.	25.	0.19
MILE 407.88	599.70	115523.	3.43	33647.	3418.	7.68	0.0270	4439.	23.	0.19
MILE 403.67	598.49	115177.	3.54	32532.	2315.	7.66	0.0240	4428.	25.	0.17
MILE 399.47	597.44	105347.	2.39	44103.	8661.	7.24	0.0220	4439.	33.	0.19
MILE 395.26	596.75	103165.	2.78	37149.	11690.	9.55	0.0220	4428.	38.	0.27
MILE 391.06	596.20	96880.	2.12	45766.	2551.	7.59	0.0220	4707.	30.	0.09
MILE 386.85	595.82	99367.	1.67	59544.	5118.	5.84	0.0210	4972.	37.	0.09
MILE 382.64	595.50	103630.	1.34	77384.	9708.	6.04	0.0210	4961.	32.	0.08
MILE 378.44	595.25	107555.	1.68	64039.	12388.	5.48	0.0210	4961.	39.	0.13
MILE 374.23	595.12	106622.	1.02	104458.	14044.	6.52	0.0210	4972.	37.	0.07
MILE 370.03	595.04	104346.	0.91	114401.	8218.	7.03	0.0210	4972.	45.	0.04
MILE 365.82	594.93	104171.	0.81	129389.	7775.	6.90	0.0210	4961.	42.	0.03
MILE 361.62	594.89	99621.	0.85	117091.	12863.	7.92	0.0210	4972.	49.	0.05
MILE 357.41	594.85	97538.	0.69	140645.	24406.	7.86	0.0210	4961.	58.	0.05
MILE 353.21	594.82	92992.	0.83	112517.	6843.	9.32	0.0230	4972.	58.	0.04
MILE 349.00	594.73	95916.	0.82	117584.	3841.	9.83	0.0240	4972.	60.	0.03

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.75	159931.	4.78	33488.	10981.	9.07	0.0230	13409.	32.	0.48
MILE 420.49	605.33	148824.	4.38	33978.	5321.	7.38	0.0230	4814.	26.	0.31
MILE 416.28	603.80	137885.	4.36	31645.	4580.	7.56	0.0270	4803.	25.	0.29
MILE 412.08	601.85	129616.	3.71	34892.	3285.	7.68	0.0270	4814.	25.	0.20
MILE 407.88	600.11	122358.	3.56	34391.	3567.	7.74	0.0270	4814.	24.	0.20
MILE 403.67	598.82	121577.	3.67	33144.	2406.	7.70	0.0240	4803.	26.	0.17
MILE 399.47	597.70	112083.	2.48	45167.	9000.	7.21	0.0220	4814.	34.	0.20
MILE 395.26	596.93	111067.	2.96	37499.	11907.	9.56	0.0220	4803.	38.	0.29
MILE 391.06	596.31	106668.	2.31	46081.	2556.	7.60	0.0220	4854.	30.	0.10
MILE 386.85	595.89	107874.	1.80	59867.	5122.	5.86	0.0210	4894.	37.	0.09
MILE 382.64	595.56	109067.	1.40	77722.	9762.	6.06	0.0210	4882.	32.	0.09
MILE 378.44	595.33	105850.	1.64	64474.	12462.	5.50	0.0210	4882.	39.	0.13
MILE 374.23	595.22	99529.	0.95	105085.	14068.	6.54	0.0210	4894.	37.	0.06
MILE 370.03	595.15	93121.	0.81	115067.	8232.	7.06	0.0210	4894.	45.	0.04
MILE 365.82	595.04	94223.	0.72	130165.	7795.	6.92	0.0210	4882.	42.	0.03
MILE 361.62	594.98	94668.	0.81	117583.	12919.	7.94	0.0210	4894.	49.	0.05
MILE 357.41	594.95	92176.	0.65	141277.	24516.	7.87	0.0210	4882.	58.	0.05
MILE 353.21	594.96	80820.	0.71	113071.	6888.	9.34	0.0230	4894.	58.	0.03
MILE 349.00	594.96	80414.	0.68	118460.	3848.	9.88	0.0240	4893.	60.	0.02

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.27	159864.	4.68	34175.	11372.	9.15	0.0230	15216.	32.	0.48
MILE 420.49	605.90	151655.	4.34	34973.	5541.	7.21	0.0230	5189.	27.	0.30
MILE 416.28	604.32	142875.	4.40	32478.	4757.	7.66	0.0270	5177.	25.	0.30
MILE 412.08	602.33	135991.	3.81	35694.	3374.	7.78	0.0270	5189.	26.	0.21
MILE 407.88	600.53	129471.	3.66	35395.	3721.	7.75	0.0270	5189.	24.	0.21
MILE 403.67	599.16	129288.	3.83	33772.	2498.	7.74	0.0240	5177.	26.	0.18
MILE 399.47	597.96	119785.	2.59	46231.	9334.	7.18	0.0220	5189.	34.	0.21
MILE 395.26	597.12	118504.	3.13	37846.	12121.	9.56	0.0220	5177.	39.	0.31
MILE 391.06	596.47	111350.	2.39	46529.	2563.	7.62	0.0220	5224.	30.	0.10
MILE 386.85	596.04	111771.	1.85	60478.	5129.	5.90	0.0210	5259.	37.	0.09
MILE 382.64	595.69	112195.	1.43	78424.	9875.	6.09	0.0210	5247.	32.	0.09
MILE 378.44	595.45	107467.	1.65	65121.	12573.	5.54	0.0210	5247.	39.	0.13
MILE 374.23	595.33	102592.	0.97	105778.	14093.	6.57	0.0210	5259.	37.	0.06
MILE 370.03	595.25	96457.	0.83	115717.	8245.	7.08	0.0210	5259.	45.	0.04
MILE 365.82	595.16	93559.	0.71	131045.	7806.	6.95	0.0210	5247.	42.	0.03
MILE 361.62	595.12	83947.	0.71	118348.	12958.	7.97	0.0210	5259.	50.	0.04
MILE 357.41	595.10	77970.	0.55	142287.	24637.	7.88	0.0210	5247.	59.	0.04
MILE 353.21	595.09	69920.	0.62	113584.	6909.	9.37	0.0230	5259.	58.	0.03
MILE 349.00	595.05	71495.	0.60	118802.	3851.	9.90	0.0240	5259.	61.	0.02

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.97	170291.	4.85	35101.	11895.	9.25	0.0230	16879.	33.	0.50
MILE 420.49	606.51	160049.	4.43	36117.	5778.	7.06	0.0230	5421.	28.	0.31
MILE 416.28	604.85	149178.	4.48	33317.	4935.	7.75	0.0270	5408.	26.	0.30
MILE 412.08	602.79	142031.	3.89	36466.	3459.	7.87	0.0270	5421.	26.	0.21
MILE 407.88	600.94	136029.	3.74	36361.	3867.	7.75	0.0270	5421.	25.	0.21
MILE 403.67	599.48	136103.	3.96	34379.	2587.	7.77	0.0240	5408.	26.	0.19
MILE 399.47	598.22	125879.	2.66	47332.	9674.	7.15	0.0220	5421.	34.	0.21
MILE 395.26	597.33	124172.	3.25	38243.	12364.	9.57	0.0220	5408.	39.	0.33
MILE 391.06	596.66	115674.	2.46	47052.	2572.	7.64	0.0220	5459.	30.	0.10
MILE 386.85	596.20	116053.	1.90	61188.	5137.	5.95	0.0210	5497.	37.	0.10
MILE 382.64	595.84	116782.	1.47	79213.	10002.	6.13	0.0210	5483.	33.	0.09
MILE 378.44	595.59	112024.	1.70	65851.	12697.	5.57	0.0210	5483.	39.	0.13
MILE 374.23	595.48	101499.	0.95	106765.	14130.	6.60	0.0210	5497.	37.	0.06
MILE 370.03	595.42	91724.	0.79	116720.	8266.	7.12	0.0210	5497.	45.	0.04
MILE 365.82	595.32	90448.	0.68	132185.	7820.	6.98	0.0210	5483.	42.	0.03
MILE 361.62	595.26	87541.	0.74	119071.	12988.	8.00	0.0210	5497.	50.	0.04
MILE 357.41	595.19	90494.	0.63	142920.	24697.	7.88	0.0210	5483.	59.	0.05
MILE 353.21	595.11	100632.	0.89	113679.	6912.	9.37	0.0230	5497.	58.	0.04
MILE 349.00	594.93	108294.	0.92	118346.	3847.	9.88	0.0240	5496.	60.	0.03

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TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	609.96	191042.	5.24	36429.	12637.	9.39	0.0230	20667. 34. 0.54
MILE 420.49	607.27	174215.	4.63	37618.	6069.	6.91	0.0230	5654. 28. 0.33
MILE 416.28	605.45	157624.	4.57	34498.	5136.	7.68	0.0270	5640. 26. 0.31
MILE 412.08	603.27	149370.	4.01	37279.	3548.	7.96	0.0270	5654. 27. 0.22
MILE 407.88	601.34	142682.	3.82	37352.	4014.	7.76	0.0270	5654. 25. 0.22
MILE 403.67	599.80	142546.	4.07	34995.	2676.	7.81	0.0240	5640. 26. 0.20
MILE 399.47	598.49	131214.	2.71	48492.	10025.	7.12	0.0220	5654. 34. 0.22
MILE 395.26	597.55	129437.	3.35	38664.	12621.	9.58	0.0220	5640. 39. 0.34
MILE 391.06	596.85	120655.	2.53	47602.	2580.	7.66	0.0220	5694. 30. 0.10
MILE 386.85	596.38	120733.	1.95	61951.	5146.	6.00	0.0210	5734. 37. 0.10
MILE 382.64	596.02	120575.	1.50	80137.	10150.	6.18	0.0210	5720. 33. 0.09
MILE 378.44	595.77	113611.	1.70	66775.	12854.	5.61	0.0210	5720. 39. 0.13
MILE 374.23	595.64	106755.	0.99	107743.	14166.	6.64	0.0210	5734. 37. 0.06
MILE 370.03	595.53	103782.	0.88	117439.	8281.	7.15	0.0210	5734. 46. 0.04
MILE 365.82	595.37	108725.	0.82	132570.	7825.	7.00	0.0210	5720. 42. 0.04
MILE 361.62	595.27	116254.	0.98	119100.	12989.	8.00	0.0210	5734. 50. 0.06
MILE 357.41	595.19	120796.	0.85	142885.	24693.	7.88	0.0210	5720. 59. 0.06
MILE 353.21	595.14	121687.	1.07	113801.	6915.	9.38	0.0230	5734. 58. 0.05
MILE 349.00	595.02	125619.	1.06	118688.	3850.	9.89	0.0240	5733. 61. 0.03

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TIME 18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	610.68	191908.	5.10	37600.	13176.	9.45	0.0230	24455. 35. 0.53
MILE 420.49	607.99	181524.	4.64	39154.	6346.	6.80	0.0230	5886. 29. 0.33
MILE 416.28	606.11	165989.	4.62	35950.	5359.	7.57	0.0270	5872. 27. 0.31
MILE 412.08	603.81	157689.	4.13	38188.	3648.	8.07	0.0270	5886. 27. 0.22
MILE 407.88	601.79	150296.	3.91	38450.	4174.	7.77	0.0270	5886. 26. 0.23
MILE 403.67	600.13	149502.	4.16	35912.	2769.	7.73	0.0240	5872. 27. 0.20
MILE 399.47	598.78	136978.	2.75	49729.	10394.	7.10	0.0220	5886. 35. 0.22
MILE 395.26	597.79	134924.	3.45	39110.	12891.	9.59	0.0220	5872. 39. 0.35
MILE 391.06	597.07	124815.	2.59	48215.	2590.	7.69	0.0220	5928. 31. 0.11
MILE 386.85	596.58	125124.	1.99	62800.	5156.	6.05	0.0210	5971. 37. 0.10
MILE 382.64	596.19	126036.	1.55	81065.	10299.	6.23	0.0210	5957. 33. 0.10
MILE 378.44	595.90	122852.	1.82	67449.	12968.	5.65	0.0210	5957. 39. 0.14
MILE 374.23	595.71	125427.	1.16	108239.	14184.	6.66	0.0210	5971. 37. 0.07
MILE 370.03	595.59	127812.	1.09	117778.	8288.	7.16	0.0210	5971. 46. 0.05
MILE 365.82	595.40	130294.	0.98	132822.	7828.	7.00	0.0210	5957. 42. 0.04

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Appendix K		Checked	WBB

MILE 361.62	595.30	129461.	1.09	119310.	12998.	8.01	0.0210	5971.	50.	0.06
MILE 357.41	595.22	131387.	0.92	143128.	24716.	7.89	0.0210	5957.	59.	0.07
MILE 353.21	595.16	134550.	1.18	113864.	6917.	9.38	0.0230	5971.	58.	0.05
MILE 349.00	594.99	140090.	1.18	118574.	3849.	9.89	0.0240	5970.	60.	0.04

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.50	202528.	5.20	38963.	13787.	9.51	0.0230	27443.	35.	0.54
MILE 420.49	608.73	192383.	4.71	40838.	6631.	6.70	0.0230	5980.	30.	0.33
MILE 416.28	606.76	174936.	4.67	37440.	5577.	7.47	0.0270	5966.	28.	0.32
MILE 412.08	604.35	165576.	4.23	39113.	3748.	8.18	0.0270	5980.	28.	0.23
MILE 407.88	602.25	157381.	3.97	39629.	4343.	7.79	0.0270	5980.	26.	0.23
MILE 403.67	600.50	156021.	4.17	37386.	2870.	7.50	0.0240	5966.	27.	0.20
MILE 399.47	599.08	142699.	2.80	51046.	10779.	7.08	0.0220	5980.	35.	0.23
MILE 395.26	598.03	140540.	3.55	39579.	13172.	9.60	0.0220	5966.	40.	0.36
MILE 391.06	597.27	130876.	2.68	48782.	2599.	7.71	0.0220	5997.	31.	0.11
MILE 386.85	596.74	132182.	2.08	63486.	5163.	6.09	0.0210	6014.	38.	0.10
MILE 382.64	596.32	134657.	1.65	81706.	10402.	6.26	0.0210	6000.	33.	0.10
MILE 378.44	595.98	134135.	1.98	67902.	13045.	5.67	0.0210	6000.	40.	0.15
MILE 374.23	595.80	133077.	1.22	108759.	14203.	6.68	0.0210	6014.	37.	0.08
MILE 370.03	595.66	133752.	1.13	118246.	8297.	7.18	0.0210	6014.	46.	0.05
MILE 365.82	595.46	137847.	1.03	133217.	7833.	7.02	0.0210	6000.	42.	0.04
MILE 361.62	595.35	141501.	1.18	119526.	13006.	8.02	0.0210	6014.	50.	0.07
MILE 357.41	595.26	143782.	1.00	143404.	24742.	7.89	0.0210	6000.	59.	0.07
MILE 353.21	595.22	140353.	1.23	114087.	6923.	9.40	0.0230	6014.	58.	0.05
MILE 349.00	595.07	143800.	1.21	118879.	3852.	9.90	0.0240	6013.	61.	0.04

ODATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.35	214714.	5.31	40411.	14422.	9.57	0.0230	30432.	36.	0.56
MILE 420.49	609.50	204639.	4.79	42700.	6927.	6.63	0.0230	6075.	31.	0.34
MILE 416.28	607.45	185261.	4.74	39092.	5808.	7.39	0.0270	6061.	28.	0.32
MILE 412.08	604.89	173956.	4.35	40030.	3848.	8.28	0.0270	6075.	28.	0.24
MILE 407.88	602.73	164988.	4.04	40855.	4514.	7.80	0.0270	6075.	26.	0.24
MILE 403.67	600.87	163356.	4.19	38950.	2974.	7.30	0.0240	6061.	28.	0.20
MILE 399.47	599.39	149036.	2.84	52432.	11177.	7.06	0.0220	6075.	35.	0.23
MILE 395.26	598.27	147157.	3.68	40038.	13447.	9.61	0.0220	6061.	40.	0.38
MILE 391.06	597.45	138545.	2.81	49293.	2607.	7.73	0.0220	6066.	31.	0.11
MILE 386.85	596.88	139881.	2.18	64081.	5170.	6.13	0.0210	6057.	38.	0.11

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MILE 382.64	596.43	141857.	1.72	82300.	10497.	6.29	0.0210	6043.	33.	0.11
MILE 378.44	596.08	140023.	2.05	68397.	13129.	5.69	0.0210	6043.	40.	0.16
MILE 374.23	595.87	140458.	1.29	109237.	14221.	6.70	0.0210	6057.	37.	0.08
MILE 370.03	595.73	140673.	1.19	118670.	8306.	7.20	0.0210	6057.	46.	0.06
MILE 365.82	595.52	142910.	1.07	133670.	7839.	7.03	0.0210	6043.	42.	0.05
MILE 361.62	595.41	143140.	1.19	119869.	13021.	8.03	0.0210	6057.	50.	0.07
MILE 357.41	595.32	146960.	1.02	143762.	24776.	7.89	0.0210	6043.	59.	0.07
MILE 353.21	595.24	153625.	1.35	114166.	6925.	9.40	0.0230	6057.	58.	0.06
MILE 349.00	595.02	160553.	1.35	118688.	3850.	9.89	0.0240	6056.	61.	0.04

0DATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.00	217105.	5.23	41538.	14908.	9.62	0.0230	33130.	37.	0.55
MILE 420.49	610.23	212880.	4.75	44837.	7207.	6.48	0.0230	6170.	31.	0.34
MILE 416.28	608.17	194872.	4.76	40923.	6053.	7.33	0.0270	6155.	29.	0.32
MILE 412.08	605.38	183134.	4.46	41062.	3939.	8.34	0.0270	6170.	29.	0.24
MILE 407.88	603.18	173147.	4.12	42049.	4679.	7.82	0.0270	6170.	27.	0.24
MILE 403.67	601.25	171245.	4.22	40557.	3076.	7.14	0.0240	6155.	28.	0.20
MILE 399.47	599.69	156326.	2.90	53851.	11577.	7.05	0.0220	6170.	36.	0.24
MILE 395.26	598.50	154460.	3.81	40496.	13718.	9.62	0.0220	6155.	40.	0.39
MILE 391.06	597.63	145274.	2.92	49827.	2615.	7.75	0.0220	6135.	31.	0.12
MILE 386.85	597.03	146681.	2.27	64715.	5178.	6.17	0.0210	6100.	38.	0.11
MILE 382.64	596.55	148829.	1.79	82924.	10597.	6.32	0.0210	6086.	33.	0.11
MILE 378.44	596.17	146909.	2.13	68888.	13212.	5.71	0.0210	6086.	40.	0.16
MILE 374.23	595.96	144600.	1.32	109789.	14241.	6.72	0.0210	6100.	37.	0.08
MILE 370.03	595.81	144684.	1.21	119135.	8316.	7.22	0.0210	6100.	46.	0.06
MILE 365.82	595.57	149353.	1.11	134023.	7843.	7.04	0.0210	6086.	42.	0.05
MILE 361.62	595.44	154985.	1.29	120007.	13026.	8.04	0.0210	6100.	50.	0.07
MILE 357.41	595.33	160599.	1.12	143855.	24785.	7.89	0.0210	6086.	59.	0.08
MILE 353.21	595.25	166380.	1.46	114218.	6926.	9.40	0.0230	6100.	58.	0.06
MILE 349.00	595.02	172890.	1.46	118688.	3850.	9.89	0.0240	6100.	61.	0.05

0DATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.69	224759.	5.26	42766.	15428.	9.67	0.0230	35579.	38.	0.56
MILE 420.49	610.95	220928.	4.63	47742.	7484.	6.19	0.0230	6016.	32.	0.32
MILE 416.28	608.84	203310.	4.76	42685.	6278.	7.28	0.0270	6001.	30.	0.32
MILE 412.08	605.86	191544.	4.55	42119.	4027.	8.38	0.0270	6016.	29.	0.25
MILE 407.88	603.61	181573.	4.20	43207.	4835.	7.84	0.0270	6016.	27.	0.25

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MILE 403.67	601.60	179603.	4.26	42161.	3175.	7.01	0.0240	6001.	28.	0.21
MILE 399.47	600.00	163761.	2.96	55275.	11972.	7.04	0.0220	6016.	36.	0.24
MILE 395.26	598.74	161665.	3.95	40958.	13989.	9.63	0.0220	6001.	40.	0.41
MILE 391.06	597.82	152211.	3.02	50359.	2623.	7.77	0.0220	5967.	31.	0.12
MILE 386.85	597.18	153337.	2.35	65351.	5185.	6.21	0.0210	5918.	38.	0.12
MILE 382.64	596.67	155100.	1.86	83575.	10701.	6.35	0.0210	5904.	33.	0.12
MILE 378.44	596.27	152961.	2.20	69406.	13299.	5.74	0.0210	5904.	40.	0.17
MILE 374.23	596.03	153964.	1.40	110239.	14258.	6.73	0.0210	5918.	38.	0.09
MILE 370.03	595.86	156109.	1.31	119455.	8322.	7.23	0.0210	5918.	46.	0.06
MILE 365.82	595.60	160372.	1.19	134224.	7846.	7.05	0.0210	5904.	42.	0.05
MILE 361.62	595.45	164309.	1.37	120106.	13030.	8.04	0.0210	5918.	50.	0.08
MILE 357.41	595.34	169162.	1.18	143936.	24792.	7.89	0.0210	5904.	59.	0.09
MILE 353.21	595.26	174316.	1.53	114256.	6927.	9.41	0.0230	5918.	58.	0.07
MILE 349.00	595.02	180199.	1.52	118688.	3850.	9.89	0.0240	5918.	61.	0.05

0DATE 5-06-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.22	224345.	5.13	43711.	15822.	9.71	0.0230	36807.	38.	0.54
MILE 420.49	611.60	227676.	4.50	50575.	7732.	6.01	0.0230	5862.	33.	0.31
MILE 416.28	609.47	211366.	4.76	44411.	6490.	7.25	0.0270	5848.	30.	0.32
MILE 412.08	606.32	200093.	4.64	43169.	4113.	8.42	0.0270	5862.	30.	0.25
MILE 407.88	604.05	190377.	4.29	44384.	4991.	7.86	0.0270	5862.	28.	0.25
MILE 403.67	602.01	188212.	4.27	44051.	3288.	6.89	0.0240	5848.	29.	0.21
MILE 399.47	600.28	170753.	3.02	56478.	12330.	7.00	0.0220	5862.	36.	0.25
MILE 395.26	598.97	168440.	4.07	41409.	14253.	9.64	0.0220	5848.	40.	0.42
MILE 391.06	598.00	158739.	3.12	50896.	2631.	7.79	0.0220	5911.	32.	0.12
MILE 386.85	597.33	160119.	2.43	65989.	5192.	6.25	0.0210	5958.	38.	0.12
MILE 382.64	596.79	162339.	1.93	84192.	10800.	6.38	0.0210	5944.	34.	0.12
MILE 378.44	596.35	161128.	2.31	69846.	13373.	5.76	0.0210	5944.	40.	0.18
MILE 374.23	596.09	161883.	1.46	110659.	14273.	6.75	0.0210	5958.	38.	0.09
MILE 370.03	595.91	163969.	1.37	119787.	8329.	7.24	0.0210	5958.	46.	0.06
MILE 365.82	595.63	168268.	1.25	134464.	7849.	7.06	0.0210	5944.	42.	0.05
MILE 361.62	595.47	172523.	1.44	120216.	13035.	8.05	0.0210	5958.	50.	0.08
MILE 357.41	595.34	179499.	1.25	143949.	24794.	7.89	0.0210	5944.	59.	0.09
MILE 353.21	595.23	191811.	1.68	114124.	6924.	9.40	0.0230	5958.	58.	0.07
MILE 349.00	594.90	200800.	1.70	118231.	3847.	9.87	0.0240	5958.	60.	0.05

0DATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	614.64	223738.	5.03	44481.	16140.	9.74	0.0230	38501.	39.	0.53
MILE 420.49	612.15	233725.	4.40	53141.	7942.	5.89	0.0230	6175.	33.	0.30
MILE 416.28	610.04	218135.	4.73	46082.	6681.	7.19	0.0270	6160.	31.	0.32
MILE 412.08	606.79	208099.	4.70	44237.	4199.	8.47	0.0270	6175.	30.	0.26
MILE 407.88	604.49	198813.	4.36	45621.	5153.	7.88	0.0270	6175.	28.	0.26
MILE 403.67	602.42	196837.	4.28	46028.	3402.	6.78	0.0240	6160.	29.	0.20
MILE 399.47	600.55	177953.	3.09	57671.	12679.	6.97	0.0220	6175.	36.	0.25
MILE 395.26	599.19	175553.	4.20	41846.	14507.	9.65	0.0220	6160.	41.	0.44
MILE 391.06	598.18	165342.	3.22	51427.	2639.	7.81	0.0220	6367.	32.	0.13
MILE 386.85	597.48	167087.	2.51	66615.	5200.	6.29	0.0210	6554.	38.	0.12
MILE 382.64	596.90	169600.	2.00	84805.	10899.	6.41	0.0210	6538.	34.	0.13
MILE 378.44	596.44	168207.	2.39	70313.	13452.	5.78	0.0210	6538.	40.	0.18
MILE 374.23	596.16	168908.	1.52	111100.	14290.	6.76	0.0210	6554.	38.	0.10
MILE 370.03	595.96	171883.	1.43	120102.	8336.	7.25	0.0210	6554.	46.	0.07
MILE 365.82	595.65	178333.	1.33	134564.	7850.	7.06	0.0210	6538.	42.	0.06
MILE 361.62	595.46	186911.	1.56	120135.	13031.	8.05	0.0210	6554.	50.	0.09
MILE 357.41	595.31	195884.	1.36	143714.	24772.	7.89	0.0210	6538.	59.	0.10
MILE 353.21	595.19	207176.	1.82	113978.	6920.	9.39	0.0230	6554.	58.	0.08
MILE 349.00	594.84	215859.	1.83	118003.	3845.	9.86	0.0240	6553.	60.	0.06

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.87	215166.	4.79	44890.	16308.	9.76	0.0230	39426.	39.	0.51
MILE 420.49	612.56	232935.	4.22	55199.	8102.	5.81	0.0230	6429.	34.	0.28
MILE 416.28	610.52	218171.	4.52	48216.	6845.	6.80	0.0270	6414.	31.	0.30
MILE 412.08	607.22	213122.	4.71	45235.	4279.	8.51	0.0270	6429.	31.	0.26
MILE 407.88	604.93	206252.	4.40	46838.	5309.	7.91	0.0270	6429.	29.	0.26
MILE 403.67	602.83	205060.	4.27	48040.	3514.	6.70	0.0240	6414.	30.	0.20
MILE 399.47	600.82	185382.	3.15	58900.	13031.	6.94	0.0220	6429.	37.	0.26
MILE 395.26	599.41	182910.	4.33	42285.	14761.	9.66	0.0220	6414.	41.	0.45
MILE 391.06	598.37	171843.	3.31	51977.	2648.	7.83	0.0220	6892.	32.	0.13
MILE 386.85	597.64	174034.	2.59	67276.	5207.	6.33	0.0210	7343.	39.	0.13
MILE 382.64	597.03	177023.	2.07	85462.	11004.	6.44	0.0210	7326.	34.	0.13
MILE 378.44	596.53	176005.	2.49	70792.	13533.	5.80	0.0210	7326.	40.	0.19
MILE 374.23	596.22	179043.	1.61	111485.	14304.	6.78	0.0210	7343.	38.	0.10
MILE 370.03	596.00	183947.	1.53	120332.	8340.	7.26	0.0210	7343.	46.	0.07
MILE 365.82	595.65	190523.	1.42	134590.	7850.	7.06	0.0210	7326.	42.	0.06
MILE 361.62	595.45	197373.	1.64	120084.	13029.	8.04	0.0210	7343.	50.	0.10
MILE 357.41	595.30	204257.	1.42	143626.	24763.	7.89	0.0210	7326.	59.	0.10
MILE 353.21	595.19	209583.	1.84	113978.	6920.	9.39	0.0230	7343.	58.	0.08
MILE 349.00	594.86	216647.	1.83	118079.	3845.	9.86	0.0240	7342.	60.	0.06

0DATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Appendix K		Checked	WBB

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.03	207304.	4.59	45195.	16430.	9.77	0.0230	39322.	39.	0.49
MILE 420.49	612.86	230481.	4.06	56755.	8218.	5.77	0.0230	5653.	34.	0.27
MILE 416.28	610.90	220279.	4.41	49968.	6970.	6.56	0.0270	5640.	32.	0.29
MILE 412.08	607.59	216515.	4.70	46095.	4347.	8.54	0.0270	5653.	31.	0.25
MILE 407.88	605.30	211374.	4.38	48256.	5445.	7.82	0.0270	5653.	29.	0.26
MILE 403.67	603.18	211098.	4.23	49857.	3612.	6.63	0.0240	5640.	30.	0.20
MILE 399.47	601.08	192457.	3.20	60110.	13372.	6.91	0.0220	5653.	37.	0.27
MILE 395.26	599.62	189890.	4.45	42709.	15004.	9.67	0.0220	5640.	41.	0.46
MILE 391.06	598.53	179753.	3.43	52436.	2655.	7.85	0.0220	5421.	32.	0.14
MILE 386.85	597.76	181180.	2.67	67802.	5213.	6.36	0.0210	5188.	39.	0.13
MILE 382.64	597.13	183728.	2.14	85989.	11088.	6.47	0.0210	5176.	34.	0.14
MILE 378.44	596.60	184450.	2.59	71153.	13593.	5.82	0.0210	5176.	40.	0.20
MILE 374.23	596.27	187807.	1.68	111777.	14315.	6.79	0.0210	5188.	38.	0.11
MILE 370.03	596.03	192174.	1.59	120521.	8344.	7.27	0.0210	5188.	46.	0.07
MILE 365.82	595.66	196838.	1.46	134686.	7852.	7.06	0.0210	5176.	42.	0.06
MILE 361.62	595.46	201128.	1.67	120156.	13032.	8.05	0.0210	5188.	50.	0.10
MILE 357.41	595.31	205860.	1.43	143733.	24773.	7.89	0.0210	5176.	59.	0.10
MILE 353.21	595.20	209381.	1.84	114036.	6921.	9.39	0.0230	5188.	58.	0.08
MILE 349.00	594.88	214109.	1.81	118155.	3846.	9.86	0.0240	5188.	60.	0.06

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.25	207621.	4.55	45633.	16594.	9.78	0.0230	39428.	39.	0.48
MILE 420.49	613.13	231569.	3.98	58163.	8321.	5.73	0.0230	5496.	34.	0.27
MILE 416.28	611.19	222824.	4.33	51410.	7069.	6.40	0.0270	5483.	32.	0.28
MILE 412.08	607.89	219471.	4.69	46802.	4402.	8.57	0.0270	5496.	31.	0.25
MILE 407.88	605.62	215352.	4.35	49562.	5560.	7.74	0.0270	5496.	29.	0.26
MILE 403.67	603.49	215399.	4.18	51479.	3697.	6.59	0.0240	5483.	30.	0.20
MILE 399.47	601.32	198469.	3.24	61240.	13684.	6.89	0.0220	5496.	37.	0.27
MILE 395.26	599.81	196559.	4.56	43088.	15220.	9.68	0.0220	5483.	41.	0.48
MILE 391.06	598.67	187351.	3.54	52851.	2661.	7.86	0.0220	5264.	32.	0.14
MILE 386.85	597.87	188613.	2.76	68253.	5218.	6.39	0.0210	5033.	39.	0.13
MILE 382.64	597.20	190809.	2.21	86382.	11151.	6.49	0.0210	5021.	34.	0.14
MILE 378.44	596.65	190526.	2.67	71412.	13637.	5.83	0.0210	5021.	40.	0.21
MILE 374.23	596.31	192644.	1.72	112016.	14323.	6.80	0.0210	5033.	38.	0.11
MILE 370.03	596.07	195426.	1.62	120732.	8349.	7.28	0.0210	5033.	46.	0.08
MILE 365.82	595.69	199396.	1.48	134865.	7854.	7.07	0.0210	5021.	42.	0.06
MILE 361.62	595.48	202869.	1.69	120260.	13037.	8.05	0.0210	5033.	50.	0.10
MILE 357.41	595.33	207200.	1.44	143823.	24782.	7.89	0.0210	5021.	59.	0.11
MILE 353.21	595.21	212440.	1.86	114047.	6922.	9.39	0.0230	5033.	58.	0.08

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MILE 349.00 594.86 217933. 1.85 118079. 3845. 9.86 0.0240 5033. 60. 0.06

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.45	207571.	4.51	46041.	16745.	9.79	0.0230	39769.	39.	0.48
MILE 420.49	613.37	232986.	3.92	59485.	8414.	5.71	0.0230	5573.	34.	0.26
MILE 416.28	611.46	225526.	4.27	52784.	7159.	6.28	0.0270	5560.	32.	0.28
MILE 412.08	608.16	222579.	4.69	47444.	4452.	8.59	0.0270	5573.	32.	0.25
MILE 407.88	605.90	219041.	4.32	50744.	5662.	7.68	0.0270	5573.	30.	0.25
MILE 403.67	603.76	219439.	4.14	52955.	3773.	6.55	0.0240	5560.	30.	0.19
MILE 399.47	601.55	203864.	3.27	62302.	13973.	6.88	0.0220	5573.	37.	0.27
MILE 395.26	599.98	202414.	4.66	43442.	15421.	9.69	0.0220	5560.	41.	0.49
MILE 391.06	598.80	193912.	3.64	53249.	2667.	7.88	0.0220	5193.	32.	0.14
MILE 386.85	597.97	195045.	2.84	68693.	5223.	6.42	0.0210	4815.	39.	0.14
MILE 382.64	597.28	196936.	2.27	86800.	11218.	6.51	0.0210	4804.	34.	0.14
MILE 378.44	596.70	196018.	2.73	71721.	13689.	5.85	0.0210	4804.	40.	0.21
MILE 374.23	596.35	196697.	1.75	112313.	14334.	6.81	0.0210	4815.	38.	0.11
MILE 370.03	596.10	198474.	1.64	120963.	8353.	7.29	0.0210	4815.	46.	0.08
MILE 365.82	595.71	202445.	1.50	135028.	7856.	7.08	0.0210	4804.	43.	0.06
MILE 361.62	595.50	206796.	1.72	120327.	13039.	8.05	0.0210	4815.	50.	0.10
MILE 357.41	595.33	211703.	1.47	143859.	24785.	7.89	0.0210	4804.	59.	0.11
MILE 353.21	595.20	217825.	1.91	114042.	6921.	9.39	0.0230	4815.	58.	0.08
MILE 349.00	594.84	223368.	1.89	118003.	3845.	9.86	0.0240	4815.	60.	0.06

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.68	210297.	4.52	46490.	16912.	9.81	0.0230	39759.	40.	0.48
MILE 420.49	613.61	235734.	3.88	60818.	8507.	5.68	0.0230	5678.	35.	0.26
MILE 416.28	611.71	228541.	4.22	54123.	7244.	6.17	0.0270	5664.	33.	0.27
MILE 412.08	608.41	225727.	4.70	48045.	4499.	8.62	0.0270	5678.	32.	0.25
MILE 407.88	606.16	222653.	4.29	51848.	5756.	7.62	0.0270	5678.	30.	0.25
MILE 403.67	604.01	223371.	4.11	54326.	3842.	6.53	0.0240	5664.	31.	0.19
MILE 399.47	601.76	208772.	3.30	63314.	14245.	6.86	0.0220	5678.	38.	0.28
MILE 395.26	600.15	207735.	4.74	43820.	15613.	9.68	0.0220	5664.	42.	0.50
MILE 391.06	598.93	199779.	3.72	53637.	2672.	7.89	0.0220	5136.	32.	0.15
MILE 386.85	598.07	200795.	2.90	69135.	5229.	6.44	0.0210	4597.	39.	0.14
MILE 382.64	597.36	202455.	2.32	87235.	11288.	6.53	0.0210	4587.	34.	0.15
MILE 378.44	596.76	201181.	2.79	72046.	13743.	5.86	0.0210	4587.	40.	0.21
MILE 374.23	596.40	201941.	1.79	112611.	14345.	6.82	0.0210	4597.	38.	0.11

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MILE 370.03	596.14	203981.	1.68	121178.	8358.	7.30	0.0210	4597.	46.	0.08
MILE 365.82	595.73	207755.	1.54	135152.	7857.	7.08	0.0210	4587.	43.	0.07
MILE 361.62	595.50	211594.	1.76	120374.	13041.	8.06	0.0210	4597.	50.	0.10
MILE 357.41	595.34	215232.	1.50	143906.	24790.	7.89	0.0210	4587.	59.	0.11
MILE 353.21	595.22	217133.	1.90	114112.	6923.	9.40	0.0230	4597.	58.	0.08
MILE 349.00	594.88	220863.	1.87	118155.	3846.	9.86	0.0240	4597.	60.	0.06

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.89	212841.	4.54	46928.	17073.	9.82	0.0230	39627.	40.	0.48
MILE 420.49	613.85	238568.	3.84	62141.	8596.	5.66	0.0230	5659.	35.	0.25
MILE 416.28	611.96	231813.	4.18	55461.	7327.	6.08	0.0270	5645.	33.	0.27
MILE 412.08	608.65	229098.	4.71	48618.	4542.	8.64	0.0270	5659.	32.	0.25
MILE 407.88	606.40	226294.	4.28	52887.	5842.	7.58	0.0270	5659.	30.	0.25
MILE 403.67	604.24	227184.	4.09	55606.	3906.	6.50	0.0240	5645.	31.	0.19
MILE 399.47	601.96	213351.	3.32	64282.	14501.	6.85	0.0220	5659.	38.	0.28
MILE 395.26	600.31	212627.	4.81	44190.	15796.	9.68	0.0220	5645.	42.	0.51
MILE 391.06	599.06	205148.	3.80	54015.	2678.	7.91	0.0220	5045.	33.	0.15
MILE 386.85	598.17	206149.	2.96	69571.	5234.	6.47	0.0210	4435.	39.	0.14
MILE 382.64	597.45	207765.	2.37	87666.	11357.	6.55	0.0210	4424.	34.	0.15
MILE 378.44	596.82	206574.	2.85	72363.	13796.	5.88	0.0210	4424.	40.	0.22
MILE 374.23	596.45	207311.	1.84	112900.	14356.	6.83	0.0210	4435.	38.	0.12
MILE 370.03	596.17	208775.	1.72	121408.	8362.	7.30	0.0210	4435.	46.	0.08
MILE 365.82	595.76	211504.	1.56	135352.	7860.	7.09	0.0210	4424.	43.	0.07
MILE 361.62	595.53	213341.	1.77	120511.	13047.	8.06	0.0210	4435.	50.	0.10
MILE 357.41	595.36	216977.	1.51	144037.	24802.	7.90	0.0210	4424.	59.	0.11
MILE 353.21	595.22	222835.	1.95	114104.	6923.	9.40	0.0230	4435.	58.	0.08
MILE 349.00	594.83	228353.	1.94	117965.	3844.	9.85	0.0240	4435.	60.	0.06

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.18	220942.	4.65	47509.	17285.	9.83	0.0230	39066.	40.	0.49
MILE 420.49	614.10	244219.	3.84	63629.	8695.	5.64	0.0230	5508.	35.	0.25
MILE 416.28	612.20	235993.	4.15	56833.	7409.	6.00	0.0270	5495.	33.	0.26
MILE 412.08	608.87	232725.	4.73	49164.	4584.	8.66	0.0270	5508.	32.	0.25
MILE 407.88	606.62	229953.	4.27	53865.	5922.	7.54	0.0270	5508.	30.	0.25
MILE 403.67	604.45	230885.	4.06	56802.	3964.	6.49	0.0240	5495.	31.	0.19
MILE 399.47	602.14	217744.	3.34	65207.	14743.	6.84	0.0220	5508.	38.	0.28
MILE 395.26	600.46	217214.	4.88	44543.	15970.	9.67	0.0220	5495.	42.	0.51

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MILE 391.06	599.18	210181.	3.87	54379.	2683.	7.92	0.0220	4922.	33.	0.15
MILE 386.85	598.27	211244.	3.02	69993.	5238.	6.49	0.0210	4339.	39.	0.15
MILE 382.64	597.53	212848.	2.42	88088.	11424.	6.57	0.0210	4329.	34.	0.15
MILE 378.44	596.89	211508.	2.91	72687.	13851.	5.89	0.0210	4329.	40.	0.22
MILE 374.23	596.50	211121.	1.86	113230.	14368.	6.84	0.0210	4339.	38.	0.12
MILE 370.03	596.22	211980.	1.74	121679.	8368.	7.31	0.0210	4339.	46.	0.08
MILE 365.82	595.78	215454.	1.59	135542.	7862.	7.09	0.0210	4329.	43.	0.07
MILE 361.62	595.54	219503.	1.82	120571.	13049.	8.06	0.0210	4339.	50.	0.11
MILE 357.41	595.36	223197.	1.55	144069.	24805.	7.90	0.0210	4329.	59.	0.11
MILE 353.21	595.23	225375.	1.97	114160.	6925.	9.40	0.0230	4339.	58.	0.09
MILE 349.00	594.86	229188.	1.94	118079.	3845.	9.86	0.0240	4339.	60.	0.06

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.58	236465.	4.89	48354.	17591.	9.86	0.0230	38698.	41.	0.52
MILE 420.49	614.43	253989.	3.87	65574.	8821.	5.62	0.0230	5550.	35.	0.25
MILE 416.28	612.48	242255.	4.14	58458.	7503.	5.92	0.0270	5537.	33.	0.26
MILE 412.08	609.10	237398.	4.77	49734.	4627.	8.68	0.0270	5550.	33.	0.26
MILE 407.88	606.84	233984.	4.27	54831.	6000.	7.51	0.0270	5550.	31.	0.25
MILE 403.67	604.65	234794.	4.05	57958.	4019.	6.47	0.0240	5537.	31.	0.19
MILE 399.47	602.32	221938.	3.36	66100.	14973.	6.83	0.0220	5550.	38.	0.28
MILE 395.26	600.60	221588.	4.94	44882.	16136.	9.67	0.0220	5537.	42.	0.52
MILE 391.06	599.29	214908.	3.93	54734.	2689.	7.93	0.0220	4895.	33.	0.15
MILE 386.85	598.37	215953.	3.07	70408.	5243.	6.52	0.0210	4244.	39.	0.15
MILE 382.64	597.61	217457.	2.46	88515.	11493.	6.59	0.0210	4234.	34.	0.16
MILE 378.44	596.95	215977.	2.96	73023.	13907.	5.91	0.0210	4234.	41.	0.23
MILE 374.23	596.55	216386.	1.91	113538.	14379.	6.85	0.0210	4244.	38.	0.12
MILE 370.03	596.26	217696.	1.79	121908.	8373.	7.32	0.0210	4244.	46.	0.08
MILE 365.82	595.81	220291.	1.62	135717.	7864.	7.10	0.0210	4234.	43.	0.07
MILE 361.62	595.56	221820.	1.84	120696.	13054.	8.07	0.0210	4244.	50.	0.11
MILE 357.41	595.39	223708.	1.55	144247.	24822.	7.90	0.0210	4234.	59.	0.11
MILE 353.21	595.26	223747.	1.96	114278.	6928.	9.41	0.0230	4244.	58.	0.08
MILE 349.00	594.90	226773.	1.92	118231.	3847.	9.87	0.0240	4243.	60.	0.06

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.02	249907.	5.07	49265.	17917.	9.88	0.0230	38264.	41.	0.54
MILE 420.49	614.80	264233.	3.89	67860.	8964.	5.61	0.0230	5674.	36.	0.25
MILE 416.28	612.81	250189.	4.14	60470.	7616.	5.84	0.0270	5660.	34.	0.26

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MILE 412.08	609.37	243670.	4.84	50388.	4676.	8.71	0.0270	5674.	33.	0.26
MILE 407.88	607.07	239130.	4.28	55891.	6085.	7.47	0.0270	5674.	31.	0.25
MILE 403.67	604.86	239467.	4.05	59136.	4075.	6.46	0.0240	5660.	32.	0.19
MILE 399.47	602.50	226228.	3.38	66990.	15201.	6.82	0.0220	5674.	38.	0.28
MILE 395.26	600.74	225954.	5.00	45215.	16299.	9.67	0.0220	5660.	42.	0.53
MILE 391.06	599.41	219439.	3.98	55086.	2694.	7.95	0.0220	4909.	33.	0.16
MILE 386.85	598.47	220490.	3.11	70818.	5248.	6.54	0.0210	4148.	39.	0.15
MILE 382.64	597.69	222043.	2.50	88933.	11560.	6.61	0.0210	4138.	34.	0.16
MILE 378.44	597.01	220756.	3.01	73343.	13961.	5.92	0.0210	4138.	41.	0.23
MILE 374.23	596.60	220276.	1.93	113864.	14391.	6.86	0.0210	4148.	38.	0.12
MILE 370.03	596.30	220312.	1.80	122202.	8379.	7.33	0.0210	4148.	46.	0.08
MILE 365.82	595.85	222231.	1.63	136026.	7868.	7.11	0.0210	4138.	43.	0.07
MILE 361.62	595.61	222537.	1.84	120924.	13064.	8.08	0.0210	4148.	50.	0.11
MILE 357.41	595.44	221947.	1.53	144595.	24854.	7.90	0.0210	4138.	59.	0.11
MILE 353.21	595.33	215579.	1.88	114559.	6935.	9.42	0.0230	4148.	58.	0.08
MILE 349.00	595.02	216255.	1.82	118688.	3850.	9.89	0.0240	4148.	61.	0.06

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.37	255351.	5.11	50000.	18178.	9.90	0.0230	37843.	41.	0.54
MILE 420.49	615.16	271256.	3.87	70048.	9101.	5.61	0.0230	5810.	36.	0.25
MILE 416.28	613.16	257909.	4.12	62646.	7733.	5.77	0.0270	5796.	34.	0.25
MILE 412.08	609.68	251034.	4.91	51160.	4734.	8.74	0.0270	5810.	33.	0.26
MILE 407.88	607.34	245336.	4.29	57129.	6181.	7.44	0.0270	5810.	31.	0.25
MILE 403.67	605.06	244673.	4.06	60328.	4132.	6.42	0.0240	5796.	32.	0.19
MILE 399.47	602.67	230888.	3.40	67897.	15430.	6.81	0.0220	5810.	39.	0.29
MILE 395.26	600.88	230564.	5.06	45548.	16460.	9.66	0.0220	5796.	42.	0.54
MILE 391.06	599.53	224055.	4.04	55436.	2699.	7.96	0.0220	4945.	33.	0.16
MILE 386.85	598.56	225023.	3.16	71225.	5253.	6.57	0.0210	4085.	39.	0.15
MILE 382.64	597.76	226426.	2.53	89352.	11627.	6.63	0.0210	4076.	35.	0.16
MILE 378.44	597.07	224646.	3.05	73692.	14019.	5.94	0.0210	4076.	41.	0.23
MILE 374.23	596.66	223050.	1.95	114249.	14405.	6.88	0.0210	4085.	38.	0.12
MILE 370.03	596.36	221368.	1.81	122580.	8387.	7.35	0.0210	4085.	46.	0.08
MILE 365.82	595.92	221725.	1.62	136510.	7874.	7.12	0.0210	4076.	43.	0.07
MILE 361.62	595.68	219745.	1.81	121304.	13079.	8.10	0.0210	4085.	50.	0.10
MILE 357.41	595.49	221999.	1.53	144978.	24890.	7.91	0.0210	4076.	59.	0.11
MILE 353.21	595.33	231008.	2.02	114539.	6935.	9.42	0.0230	4085.	58.	0.09
MILE 349.00	594.88	238036.	2.01	118155.	3846.	9.86	0.0240	4085.	60.	0.06

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.62	255035.	5.05	50523.	18362.	9.92	0.0230	37289.	42.	0.54
MILE 420.49	615.45	274565.	3.82	71801.	9211.	5.63	0.0230	5987.	36.	0.24
MILE 416.28	613.47	264096.	4.09	64623.	7836.	5.72	0.0270	5973.	34.	0.25
MILE 412.08	610.02	257542.	4.95	52013.	4797.	8.77	0.0270	5987.	33.	0.27
MILE 407.88	607.63	251054.	4.29	58530.	6289.	7.40	0.0270	5987.	31.	0.25
MILE 403.67	605.29	249690.	4.05	61633.	4197.	6.30	0.0240	5973.	32.	0.19
MILE 399.47	602.86	235619.	3.42	68851.	15668.	6.81	0.0220	5987.	39.	0.29
MILE 395.26	601.02	235419.	5.13	45887.	16624.	9.66	0.0220	5973.	43.	0.54
MILE 391.06	599.64	228680.	4.10	55797.	2704.	7.97	0.0220	5002.	33.	0.16
MILE 386.85	598.66	229461.	3.20	71648.	5257.	6.59	0.0210	4022.	40.	0.15
MILE 382.64	597.85	230606.	2.57	89803.	11699.	6.65	0.0210	4013.	35.	0.16
MILE 378.44	597.15	228009.	3.08	74090.	14085.	5.95	0.0210	4013.	41.	0.24
MILE 374.23	596.73	224541.	1.96	114719.	14423.	6.90	0.0210	4022.	38.	0.12
MILE 370.03	596.43	223131.	1.81	122984.	8395.	7.36	0.0210	4022.	46.	0.08
MILE 365.82	595.95	226585.	1.66	136794.	7878.	7.13	0.0210	4013.	43.	0.07
MILE 361.62	595.69	232242.	1.91	121341.	13081.	8.10	0.0210	4022.	50.	0.11
MILE 357.41	595.48	236726.	1.63	144915.	24884.	7.91	0.0210	4013.	59.	0.12
MILE 353.21	595.34	239548.	2.09	114583.	6936.	9.42	0.0230	4022.	58.	0.09
MILE 349.00	594.92	243252.	2.06	118308.	3847.	9.87	0.0240	4022.	60.	0.07

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.82	254812.	5.00	50956.	18514.	9.93	0.0230	36886.	42.	0.53
MILE 420.49	615.69	276611.	3.78	73265.	9303.	5.64	0.0230	6315.	37.	0.24
MILE 416.28	613.73	268465.	4.05	66348.	7923.	5.68	0.0270	6300.	35.	0.25
MILE 412.08	610.35	262636.	4.97	52862.	4858.	8.79	0.0270	6315.	34.	0.27
MILE 407.88	607.94	256627.	4.28	59996.	6400.	7.37	0.0270	6315.	32.	0.25
MILE 403.67	605.54	255490.	4.05	63057.	4264.	6.19	0.0240	6300.	32.	0.19
MILE 399.47	603.06	240638.	3.44	69882.	15923.	6.80	0.0220	6315.	39.	0.29
MILE 395.26	601.17	240426.	5.20	46245.	16796.	9.66	0.0220	6300.	43.	0.55
MILE 391.06	599.77	233109.	4.15	56191.	2710.	7.99	0.0220	5330.	33.	0.16
MILE 386.85	598.77	233825.	3.24	72119.	5263.	6.62	0.0210	4348.	40.	0.15
MILE 382.64	597.95	234858.	2.60	90309.	11780.	6.67	0.0210	4338.	35.	0.17
MILE 378.44	597.23	231944.	3.11	74513.	14156.	5.97	0.0210	4338.	41.	0.24
MILE 374.23	596.79	231895.	2.02	115084.	14436.	6.91	0.0210	4348.	38.	0.13
MILE 370.03	596.47	233208.	1.89	123217.	8400.	7.37	0.0210	4348.	46.	0.09
MILE 365.82	595.97	235668.	1.72	136917.	7879.	7.14	0.0210	4338.	43.	0.07
MILE 361.62	595.70	237260.	1.95	121417.	13084.	8.10	0.0210	4348.	50.	0.11
MILE 357.41	595.49	241975.	1.67	144939.	24886.	7.91	0.0210	4338.	59.	0.12
MILE 353.21	595.31	252057.	2.20	114457.	6932.	9.42	0.0230	4348.	58.	0.10
MILE 349.00	594.80	259273.	2.20	117851.	3844.	9.85	0.0240	4348.	60.	0.07

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TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	617.99	254697.	4.96	51320.	18640.	9.94	0.0230	35809. 42. 0.53
MILE 420.49	615.88	277939.	3.73	74509.	9379.	5.66	0.0230	6232. 37. 0.23
MILE 416.28	613.95	271769.	4.00	67864.	7998.	5.65	0.0270	6217. 35. 0.24
MILE 412.08	610.65	267003.	4.98	53644.	4913.	8.80	0.0270	6232. 34. 0.27
MILE 407.88	608.23	261799.	4.26	61408.	6504.	7.34	0.0270	6232. 32. 0.24
MILE 403.67	605.78	260986.	4.05	64498.	4331.	6.10	0.0240	6217. 32. 0.18
MILE 399.47	603.26	245849.	3.46	70970.	16188.	6.80	0.0220	6232. 39. 0.29
MILE 395.26	601.33	245495.	5.27	46627.	16978.	9.66	0.0220	6217. 43. 0.56
MILE 391.06	599.91	237562.	4.20	56613.	2716.	8.00	0.0220	5430. 33. 0.16
MILE 386.85	598.89	238559.	3.29	72620.	5269.	6.65	0.0210	4628. 40. 0.16
MILE 382.64	598.04	240064.	2.64	90827.	11863.	6.70	0.0210	4617. 35. 0.17
MILE 378.44	597.30	238034.	3.18	74897.	14220.	5.99	0.0210	4617. 41. 0.24
MILE 374.23	596.85	237202.	2.05	115455.	14450.	6.92	0.0210	4628. 38. 0.13
MILE 370.03	596.51	238211.	1.93	123507.	8406.	7.39	0.0210	4628. 47. 0.09
MILE 365.82	595.99	242410.	1.77	137053.	7881.	7.14	0.0210	4617. 43. 0.07
MILE 361.62	595.69	248294.	2.05	121376.	13082.	8.10	0.0210	4628. 50. 0.12
MILE 357.41	595.46	254346.	1.76	144767.	24870.	7.90	0.0210	4617. 59. 0.13
MILE 353.21	595.29	260980.	2.28	114370.	6930.	9.41	0.0230	4628. 58. 0.10
MILE 349.00	594.77	266859.	2.27	117737.	3843.	9.84	0.0240	4628. 60. 0.07

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	618.13	254788.	4.94	51627.	18747.	9.95	0.0230	34800. 42. 0.52
MILE 420.49	616.05	278855.	3.69	75574.	9444.	5.67	0.0230	6218. 37. 0.23
MILE 416.28	614.14	274338.	3.97	69189.	8062.	5.62	0.0270	6203. 35. 0.24
MILE 412.08	610.91	270627.	4.98	54338.	4962.	8.82	0.0270	6218. 34. 0.27
MILE 407.88	608.49	266329.	4.25	62704.	6598.	7.32	0.0270	6218. 32. 0.24
MILE 403.67	606.01	265912.	4.04	65898.	4394.	6.02	0.0240	6203. 33. 0.18
MILE 399.47	603.47	250832.	3.48	72077.	16454.	6.79	0.0220	6218. 39. 0.29
MILE 395.26	601.49	250478.	5.33	47021.	17166.	9.65	0.0220	6203. 43. 0.57
MILE 391.06	600.04	242881.	4.26	57017.	2722.	8.02	0.0220	5117. 34. 0.16
MILE 386.85	599.00	243626.	3.33	73079.	5274.	6.68	0.0210	4020. 40. 0.16
MILE 382.64	598.13	244916.	2.68	91305.	11939.	6.72	0.0210	4010. 35. 0.17
MILE 378.44	597.37	243198.	3.23	75270.	14282.	6.01	0.0210	4010. 41. 0.25
MILE 374.23	596.90	244198.	2.11	115760.	14461.	6.93	0.0210	4020. 38. 0.13
MILE 370.03	596.54	246792.	2.00	123675.	8409.	7.39	0.0210	4020. 47. 0.09
MILE 365.82	595.99	250401.	1.83	137056.	7881.	7.14	0.0210	4010. 43. 0.08

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MILE 361.62	595.69	254130.	2.09	121342.	13081.	8.10	0.0210	4020.	50.	0.12
MILE 357.41	595.46	257512.	1.78	144748.	24869.	7.90	0.0210	4010.	59.	0.13
MILE 353.21	595.30	258036.	2.25	114431.	6932.	9.41	0.0230	4020.	58.	0.10
MILE 349.00	594.83	260676.	2.21	117965.	3844.	9.85	0.0240	4019.	60.	0.07

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.25	254602.	4.91	51885.	18836.	9.96	0.0230	34133.	42.	0.52
MILE 420.49	616.20	279424.	3.65	76494.	9499.	5.68	0.0230	6287.	37.	0.23
MILE 416.28	614.30	276286.	3.93	70348.	8117.	5.61	0.0270	6272.	35.	0.24
MILE 412.08	611.14	273635.	4.98	54956.	5005.	8.83	0.0270	6287.	35.	0.26
MILE 407.88	608.72	270252.	4.23	63888.	6683.	7.31	0.0270	6287.	32.	0.24
MILE 403.67	606.22	270314.	4.02	67245.	4453.	5.95	0.0240	6272.	33.	0.18
MILE 399.47	603.67	255674.	3.49	73185.	16718.	6.79	0.0220	6287.	40.	0.29
MILE 395.26	601.65	255556.	5.39	47415.	17352.	9.65	0.0220	6272.	43.	0.57
MILE 391.06	600.17	248238.	4.32	57423.	2728.	8.04	0.0220	5152.	34.	0.17
MILE 386.85	599.10	248959.	3.39	73532.	5279.	6.71	0.0210	4022.	40.	0.16
MILE 382.64	598.22	250306.	2.73	91746.	12009.	6.74	0.0210	4012.	35.	0.17
MILE 378.44	597.43	248878.	3.29	75573.	14333.	6.02	0.0210	4012.	41.	0.25
MILE 374.23	596.94	249702.	2.15	116017.	14470.	6.94	0.0210	4022.	38.	0.13
MILE 370.03	596.57	251121.	2.03	123882.	8413.	7.40	0.0210	4022.	47.	0.09
MILE 365.82	596.02	253400.	1.85	137237.	7883.	7.15	0.0210	4012.	43.	0.08
MILE 361.62	595.71	254229.	2.09	121481.	13087.	8.10	0.0210	4022.	50.	0.12
MILE 357.41	595.49	256130.	1.77	144924.	24885.	7.91	0.0210	4012.	59.	0.13
MILE 353.21	595.32	258160.	2.25	114485.	6933.	9.42	0.0230	4022.	58.	0.10
MILE 349.00	594.82	262048.	2.22	117927.	3844.	9.85	0.0240	4021.	60.	0.07

ODATE 5-07-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.35	254504.	4.89	52096.	18909.	9.96	0.0230	33300.	42.	0.52
MILE 420.49	616.33	279747.	3.62	77326.	9549.	5.69	0.0230	6189.	37.	0.22
MILE 416.28	614.43	277714.	3.90	71288.	8161.	5.59	0.0270	6174.	35.	0.23
MILE 412.08	611.34	276027.	4.97	55487.	5041.	8.84	0.0270	6189.	35.	0.26
MILE 407.88	608.93	273606.	4.21	64949.	6758.	7.30	0.0270	6189.	33.	0.24
MILE 403.67	606.41	274170.	4.00	68510.	4506.	5.90	0.0240	6174.	33.	0.18
MILE 399.47	603.87	260381.	3.51	74272.	16974.	6.79	0.0220	6189.	40.	0.30
MILE 395.26	601.81	260450.	5.45	47806.	17536.	9.65	0.0220	6174.	43.	0.58
MILE 391.06	600.30	253468.	4.38	57823.	2733.	8.06	0.0220	5103.	34.	0.17
MILE 386.85	599.21	254276.	3.44	73975.	5284.	6.73	0.0210	4022.	40.	0.16

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MILE 382.64	598.30	255611.	2.77	92183.	12079.	6.76	0.0210	4012.	35.	0.18
MILE 378.44	597.49	253804.	3.34	75905.	14388.	6.03	0.0210	4012.	41.	0.26
MILE 374.23	596.99	252766.	2.17	116357.	14483.	6.95	0.0210	4022.	38.	0.14
MILE 370.03	596.62	252557.	2.03	124182.	8419.	7.41	0.0210	4022.	47.	0.09
MILE 365.82	596.05	254930.	1.85	137514.	7887.	7.16	0.0210	4012.	43.	0.08
MILE 361.62	595.74	257250.	2.12	121626.	13093.	8.11	0.0210	4022.	50.	0.12
MILE 357.41	595.50	260955.	1.80	145016.	24894.	7.91	0.0210	4012.	59.	0.13
MILE 353.21	595.31	267212.	2.33	114457.	6932.	9.42	0.0230	4022.	58.	0.10
MILE 349.00	594.76	272758.	2.32	117699.	3842.	9.84	0.0240	4021.	60.	0.07

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.44	254980.	4.87	52305.	18981.	9.97	0.0230	32622.	42.	0.52
MILE 420.49	616.44	280251.	3.59	78051.	9592.	5.69	0.0230	6091.	37.	0.22
MILE 416.28	614.54	278940.	3.87	72089.	8198.	5.58	0.0270	6077.	35.	0.23
MILE 412.08	611.51	278006.	4.97	55939.	5072.	8.85	0.0270	6091.	35.	0.26
MILE 407.88	609.11	276411.	4.20	65874.	6823.	7.29	0.0270	6091.	33.	0.24
MILE 403.67	606.59	277424.	3.98	69673.	4555.	5.85	0.0240	6077.	33.	0.18
MILE 399.47	604.06	264709.	3.51	75315.	17216.	6.79	0.0220	6091.	40.	0.30
MILE 395.26	601.97	265020.	5.50	48186.	17713.	9.65	0.0220	6077.	43.	0.59
MILE 391.06	600.42	258516.	4.44	58206.	2739.	8.08	0.0220	4915.	34.	0.17
MILE 386.85	599.31	259194.	3.48	74410.	5289.	6.76	0.0210	3744.	40.	0.16
MILE 382.64	598.38	260273.	2.81	92633.	12151.	6.78	0.0210	3735.	35.	0.18
MILE 378.44	597.56	258000.	3.38	76271.	14449.	6.05	0.0210	3735.	41.	0.26
MILE 374.23	597.05	256850.	2.20	116719.	14496.	6.97	0.0210	3744.	39.	0.14
MILE 370.03	596.67	257324.	2.07	124451.	8425.	7.42	0.0210	3744.	47.	0.09
MILE 365.82	596.08	260285.	1.89	137669.	7889.	7.16	0.0210	3735.	43.	0.08
MILE 361.62	595.74	264129.	2.17	121652.	13094.	8.11	0.0210	3744.	50.	0.13
MILE 357.41	595.49	268872.	1.85	144959.	24888.	7.91	0.0210	3735.	59.	0.14
MILE 353.21	595.29	275445.	2.41	114397.	6931.	9.41	0.0230	3744.	58.	0.10
MILE 349.00	594.72	280576.	2.39	117546.	3841.	9.83	0.0240	3744.	60.	0.08

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.54	255969.	4.87	52511.	19052.	9.98	0.0230	31943.	43.	0.52
MILE 420.49	616.54	281050.	3.57	78723.	9632.	5.70	0.0230	5993.	38.	0.22
MILE 416.28	614.64	280184.	3.85	72811.	8231.	5.58	0.0270	5979.	35.	0.23
MILE 412.08	611.66	279775.	4.97	56334.	5099.	8.85	0.0270	5993.	35.	0.26
MILE 407.88	609.27	278830.	4.18	66687.	6879.	7.28	0.0270	5993.	33.	0.24

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MILE 403.67	606.74	280221.	3.96	70735.	4598.	5.82	0.0240	5979.	33.	0.18
MILE 399.47	604.23	268648.	3.52	76302.	17443.	6.79	0.0220	5993.	40.	0.30
MILE 395.26	602.12	269225.	5.55	48551.	17883.	9.65	0.0220	5979.	44.	0.59
MILE 391.06	600.54	263135.	4.49	58582.	2744.	8.10	0.0220	4810.	34.	0.17
MILE 386.85	599.41	263774.	3.52	74845.	5294.	6.78	0.0210	3633.	40.	0.17
MILE 382.64	598.47	264792.	2.84	93085.	12223.	6.81	0.0210	3624.	35.	0.18
MILE 378.44	597.62	262640.	3.43	76621.	14507.	6.07	0.0210	3624.	41.	0.26
MILE 374.23	597.09	262498.	2.24	117028.	14507.	6.98	0.0210	3633.	39.	0.14
MILE 370.03	596.70	263888.	2.12	124657.	8429.	7.43	0.0210	3633.	47.	0.10
MILE 365.82	596.09	266897.	1.94	137741.	7890.	7.16	0.0210	3624.	43.	0.08
MILE 361.62	595.74	270297.	2.22	121644.	13093.	8.11	0.0210	3633.	50.	0.13
MILE 357.41	595.48	273975.	1.89	144915.	24884.	7.91	0.0210	3624.	59.	0.14
MILE 353.21	595.29	277054.	2.42	114396.	6931.	9.41	0.0230	3633.	58.	0.11
MILE 349.00	594.73	280653.	2.39	117584.	3841.	9.83	0.0240	3632.	60.	0.08

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.63	256739.	4.87	52700.	19116.	9.98	0.0230	31278.	43.	0.52
MILE 420.49	616.64	281761.	3.55	79337.	9668.	5.71	0.0230	5819.	38.	0.22
MILE 416.28	614.73	281383.	3.83	73471.	8261.	5.57	0.0270	5805.	36.	0.23
MILE 412.08	611.78	281427.	4.96	56683.	5123.	8.86	0.0270	5819.	35.	0.26
MILE 407.88	609.40	281004.	4.17	67410.	6929.	7.27	0.0270	5819.	33.	0.24
MILE 403.67	606.89	282674.	3.94	71706.	4637.	5.78	0.0240	5805.	34.	0.18
MILE 399.47	604.39	272231.	3.53	77228.	17654.	6.79	0.0220	5819.	40.	0.30
MILE 395.26	602.25	273019.	5.58	48899.	18044.	9.65	0.0220	5805.	44.	0.60
MILE 391.06	600.66	267425.	4.54	58943.	2749.	8.12	0.0220	4688.	34.	0.17
MILE 386.85	599.51	268187.	3.56	75266.	5299.	6.81	0.0210	3563.	40.	0.17
MILE 382.64	598.55	269338.	2.88	93519.	12293.	6.83	0.0210	3554.	35.	0.18
MILE 378.44	597.68	267630.	3.48	76946.	14561.	6.08	0.0210	3554.	41.	0.27
MILE 374.23	597.14	267771.	2.28	117312.	14518.	6.99	0.0210	3563.	39.	0.14
MILE 370.03	596.73	268890.	2.15	124865.	8433.	7.44	0.0210	3563.	47.	0.10
MILE 365.82	596.10	271286.	1.97	137872.	7891.	7.17	0.0210	3554.	43.	0.08
MILE 361.62	595.76	273225.	2.24	121711.	13096.	8.11	0.0210	3563.	50.	0.13
MILE 357.41	595.49	275929.	1.90	144979.	24890.	7.91	0.0210	3554.	59.	0.14
MILE 353.21	595.30	278805.	2.44	114411.	6931.	9.41	0.0230	3563.	58.	0.11
MILE 349.00	594.72	282546.	2.40	117546.	3841.	9.83	0.0240	3562.	60.	0.08

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

TVA

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MILE 424.70	618.73	259806.	4.91	52933.	19196.	9.99	0.0230	30612.	43.	0.52
MILE 420.49	616.73	283736.	3.55	79980.	9705.	5.71	0.0230	5645.	38.	0.22
MILE 416.28	614.81	282929.	3.82	74102.	8289.	5.56	0.0270	5632.	36.	0.23
MILE 412.08	611.90	283037.	4.97	56997.	5144.	8.87	0.0270	5645.	35.	0.26
MILE 407.88	609.53	282971.	4.16	68056.	6973.	7.27	0.0270	5645.	33.	0.23
MILE 403.67	607.01	284865.	3.92	72602.	4672.	5.76	0.0240	5632.	34.	0.18
MILE 399.47	604.55	275468.	3.53	78089.	17849.	6.79	0.0220	5645.	40.	0.30
MILE 395.26	602.39	276465.	5.62	49227.	18195.	9.64	0.0220	5632.	44.	0.60
MILE 391.06	600.77	271499.	4.58	59283.	2754.	8.14	0.0220	4566.	34.	0.17
MILE 386.85	599.60	272409.	3.60	75662.	5304.	6.83	0.0210	3493.	41.	0.17
MILE 382.64	598.63	273664.	2.91	93929.	12358.	6.85	0.0210	3485.	35.	0.19
MILE 378.44	597.74	272131.	3.52	77262.	14614.	6.09	0.0210	3485.	41.	0.27
MILE 374.23	597.19	271656.	2.31	117616.	14529.	7.00	0.0210	3493.	39.	0.14
MILE 370.03	596.77	272084.	2.17	125112.	8439.	7.45	0.0210	3493.	47.	0.10
MILE 365.82	596.13	274340.	1.99	138063.	7894.	7.17	0.0210	3485.	43.	0.08
MILE 361.62	595.77	276427.	2.27	121805.	13100.	8.12	0.0210	3493.	50.	0.13
MILE 357.41	595.50	279159.	1.92	145052.	24897.	7.91	0.0210	3485.	59.	0.14
MILE 353.21	595.30	282165.	2.47	114431.	6932.	9.41	0.0230	3493.	58.	0.11
MILE 349.00	594.71	285924.	2.43	117508.	3841.	9.83	0.0240	3493.	60.	0.08

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
 DEPTH FROUDE

MILE 424.70	618.84	262381.	4.94	53165.	19275.	9.99	0.0230	30090.	43.	0.52
MILE 420.49	616.83	285680.	3.54	80635.	9743.	5.72	0.0230	5471.	38.	0.22
MILE 416.28	614.90	284772.	3.81	74751.	8318.	5.56	0.0270	5458.	36.	0.22
MILE 412.08	612.01	284905.	4.97	57299.	5165.	8.87	0.0270	5471.	35.	0.26
MILE 407.88	609.64	284995.	4.15	68668.	7015.	7.26	0.0270	5471.	33.	0.23
MILE 403.67	607.14	286956.	3.91	73477.	4706.	5.73	0.0240	5458.	34.	0.17
MILE 399.47	604.68	278489.	3.53	78878.	18026.	6.79	0.0220	5471.	41.	0.30
MILE 395.26	602.51	279642.	5.65	49534.	18336.	9.64	0.0220	5458.	44.	0.61
MILE 391.06	600.87	275279.	4.62	59602.	2758.	8.16	0.0220	4444.	34.	0.18
MILE 386.85	599.69	276285.	3.63	76036.	5308.	6.85	0.0210	3423.	41.	0.17
MILE 382.64	598.70	277557.	2.94	94325.	12421.	6.86	0.0210	3415.	36.	0.19
MILE 378.44	597.80	276004.	3.56	77583.	14667.	6.11	0.0210	3415.	41.	0.27
MILE 374.23	597.24	275368.	2.34	117931.	14540.	7.01	0.0210	3423.	39.	0.14
MILE 370.03	596.81	275749.	2.20	125359.	8444.	7.46	0.0210	3423.	47.	0.10
MILE 365.82	596.16	277945.	2.01	138248.	7896.	7.18	0.0210	3415.	43.	0.08
MILE 361.62	595.79	280042.	2.30	121894.	13104.	8.12	0.0210	3423.	50.	0.13
MILE 357.41	595.51	283118.	1.95	145111.	24902.	7.91	0.0210	3415.	59.	0.14
MILE 353.21	595.30	287418.	2.51	114424.	6932.	9.41	0.0230	3423.	58.	0.11
MILE 349.00	594.68	291655.	2.48	117394.	3840.	9.82	0.0240	3423.	60.	0.08

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.91	262580.	4.92	53334.	19333.	10.00	0.0230	29519.	43.	0.52
MILE 420.49	616.92	286442.	3.53	81204.	9776.	5.73	0.0230	5248.	38.	0.22
MILE 416.28	614.98	286328.	3.80	75371.	8346.	5.55	0.0270	5235.	36.	0.22
MILE 412.08	612.12	286763.	4.98	57591.	5184.	8.88	0.0270	5248.	36.	0.26
MILE 407.88	609.75	287031.	4.14	69250.	7054.	7.26	0.0270	5248.	33.	0.23
MILE 403.67	607.25	289029.	3.89	74301.	4738.	5.71	0.0240	5235.	34.	0.17
MILE 399.47	604.81	281334.	3.53	79609.	18188.	6.79	0.0220	5248.	41.	0.30
MILE 395.26	602.62	282601.	5.67	49818.	18465.	9.64	0.0220	5235.	44.	0.61
MILE 391.06	600.96	278696.	4.65	59902.	2763.	8.17	0.0220	4306.	34.	0.18
MILE 386.85	599.78	279796.	3.66	76393.	5312.	6.87	0.0210	3369.	41.	0.17
MILE 382.64	598.78	281119.	2.97	94711.	12483.	6.88	0.0210	3361.	36.	0.19
MILE 378.44	597.86	279704.	3.59	77897.	14719.	6.12	0.0210	3361.	41.	0.28
MILE 374.23	597.28	279157.	2.36	118238.	14552.	7.02	0.0210	3369.	39.	0.15
MILE 370.03	596.85	279704.	2.23	125597.	8449.	7.47	0.0210	3369.	47.	0.10
MILE 365.82	596.18	282122.	2.04	138407.	7898.	7.18	0.0210	3361.	43.	0.09
MILE 361.62	595.80	284961.	2.34	121945.	13106.	8.12	0.0210	3369.	50.	0.14
MILE 357.41	595.51	289445.	2.00	145074.	24899.	7.91	0.0210	3361.	59.	0.15
MILE 353.21	595.27	297617.	2.60	114314.	6929.	9.41	0.0230	3369.	58.	0.11
MILE 349.00	594.59	303444.	2.59	117052.	3837.	9.81	0.0240	3369.	60.	0.08

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.00	264929.	4.95	53530.	19399.	10.00	0.0230	28957.	43.	0.53
MILE 420.49	617.00	288147.	3.52	81766.	9808.	5.74	0.0230	5025.	38.	0.22
MILE 416.28	615.06	287638.	3.79	75839.	8371.	5.55	0.0270	5013.	36.	0.22
MILE 412.08	612.21	288322.	4.98	57857.	5202.	8.89	0.0270	5025.	36.	0.26
MILE 407.88	609.85	288875.	4.14	69788.	7090.	7.25	0.0270	5025.	34.	0.23
MILE 403.67	607.36	290959.	3.88	75071.	4767.	5.69	0.0240	5013.	34.	0.17
MILE 399.47	604.92	283996.	3.54	80290.	18339.	6.79	0.0220	5025.	41.	0.30
MILE 395.26	602.72	285338.	5.70	50081.	18586.	9.64	0.0220	5013.	44.	0.61
MILE 391.06	601.05	281825.	4.68	60183.	2767.	8.19	0.0220	4168.	35.	0.18
MILE 386.85	599.85	283028.	3.69	76732.	5316.	6.89	0.0210	3316.	41.	0.17
MILE 382.64	598.85	284432.	2.99	95080.	12542.	6.90	0.0210	3308.	36.	0.19
MILE 378.44	597.91	283273.	3.62	78198.	14769.	6.13	0.0210	3308.	42.	0.28
MILE 374.23	597.33	283206.	2.39	118519.	14562.	7.03	0.0210	3316.	39.	0.15
MILE 370.03	596.88	284583.	2.26	125792.	8452.	7.47	0.0210	3316.	47.	0.10
MILE 365.82	596.19	287809.	2.08	138462.	7898.	7.19	0.0210	3308.	43.	0.09
MILE 361.62	595.79	292372.	2.40	121888.	13103.	8.12	0.0210	3316.	50.	0.14
MILE 357.41	595.48	297671.	2.05	144904.	24883.	7.91	0.0210	3308.	59.	0.15
MILE 353.21	595.24	304903.	2.67	114200.	6926.	9.40	0.0230	3316.	58.	0.12

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MILE 349.00 594.54 309967. 2.65 116861. 3836. 9.79 0.0240 3316. 60. 0.08

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.18	274653.	5.09	53921.	19531.	10.02	0.0230	28394.	43.	0.54
MILE 420.49	617.13	294009.	3.56	82611.	9857.	5.74	0.0230	4802.	38.	0.22
MILE 416.28	615.15	290551.	3.81	76359.	8401.	5.54	0.0270	4791.	36.	0.22
MILE 412.08	612.31	290247.	4.99	58121.	5220.	8.89	0.0270	4802.	36.	0.26
MILE 407.88	609.94	290653.	4.14	70288.	7123.	7.25	0.0270	4802.	34.	0.23
MILE 403.67	607.45	292708.	3.86	75784.	4794.	5.68	0.0240	4791.	34.	0.17
MILE 399.47	605.03	286315.	3.54	80879.	18477.	6.79	0.0220	4802.	41.	0.30
MILE 395.26	602.82	287840.	5.72	50327.	18697.	9.64	0.0220	4791.	44.	0.61
MILE 391.06	601.13	284733.	4.71	60446.	2770.	8.20	0.0220	4030.	35.	0.18
MILE 386.85	599.93	286055.	3.71	77049.	5320.	6.91	0.0210	3262.	41.	0.17
MILE 382.64	598.91	287587.	3.01	95424.	12597.	6.91	0.0210	3255.	36.	0.19
MILE 378.44	597.96	286930.	3.66	78467.	14813.	6.15	0.0210	3255.	42.	0.28
MILE 374.23	597.36	288022.	2.43	118744.	14570.	7.04	0.0210	3262.	39.	0.15
MILE 370.03	596.90	290389.	2.31	125920.	8455.	7.48	0.0210	3262.	47.	0.11
MILE 365.82	596.18	293641.	2.12	138446.	7898.	7.18	0.0210	3255.	43.	0.09
MILE 361.62	595.78	297458.	2.44	121823.	13101.	8.12	0.0210	3262.	50.	0.14
MILE 357.41	595.47	301123.	2.08	144808.	24874.	7.90	0.0210	3255.	59.	0.15
MILE 353.21	595.24	303376.	2.66	114198.	6926.	9.40	0.0230	3262.	58.	0.12
MILE 349.00	594.57	306172.	2.62	116975.	3837.	9.80	0.0240	3262.	60.	0.08

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.22	269242.	4.99	54002.	19559.	10.02	0.0230	28038.	43.	0.53
MILE 420.49	617.21	292230.	3.51	83150.	9887.	5.75	0.0230	4612.	38.	0.21
MILE 416.28	615.24	292229.	3.80	76900.	8432.	5.54	0.0270	4601.	36.	0.22
MILE 412.08	612.41	292683.	5.01	58413.	5239.	8.90	0.0270	4612.	36.	0.26
MILE 407.88	610.04	292739.	4.14	70776.	7158.	7.25	0.0270	4612.	34.	0.23
MILE 403.67	607.55	294678.	3.85	76487.	4820.	5.66	0.0240	4601.	34.	0.17
MILE 399.47	605.13	288530.	3.55	81334.	18606.	6.79	0.0220	4612.	41.	0.30
MILE 395.26	602.91	290028.	5.74	50556.	18801.	9.64	0.0220	4601.	44.	0.62
MILE 391.06	601.21	287472.	4.74	60687.	2774.	8.21	0.0220	3894.	35.	0.18
MILE 386.85	600.00	288951.	3.74	77337.	5323.	6.93	0.0210	3178.	41.	0.17
MILE 382.64	598.97	290669.	3.04	95732.	12646.	6.93	0.0210	3170.	36.	0.19
MILE 378.44	598.01	290635.	3.69	78696.	14851.	6.16	0.0210	3170.	42.	0.28
MILE 374.23	597.39	292054.	2.46	118933.	14577.	7.05	0.0210	3178.	39.	0.15

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MILE 370.03	596.93	294016.	2.33	126053.	8458.	7.48	0.0210	3178.	47.	0.11
MILE 365.82	596.19	296426.	2.14	138523.	7899.	7.19	0.0210	3170.	43.	0.09
MILE 361.62	595.79	298117.	2.45	121878.	13103.	8.12	0.0210	3178.	50.	0.14
MILE 357.41	595.48	299884.	2.07	144900.	24883.	7.91	0.0210	3170.	59.	0.15
MILE 353.21	595.26	300237.	2.63	114264.	6927.	9.41	0.0230	3178.	58.	0.11
MILE 349.00	594.60	302505.	2.58	117090.	3838.	9.81	0.0240	3178.	60.	0.08

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.25	267071.	4.94	54066.	19580.	10.02	0.0230	27682.	43.	0.52
MILE 420.49	617.26	291458.	3.49	83497.	9907.	5.75	0.0230	4423.	38.	0.21
MILE 416.28	615.30	292602.	3.79	77252.	8452.	5.53	0.0270	4412.	36.	0.22
MILE 412.08	612.50	293721.	5.01	58649.	5255.	8.90	0.0270	4423.	36.	0.26
MILE 407.88	610.13	294316.	4.13	71179.	7190.	7.24	0.0270	4423.	34.	0.23
MILE 403.67	607.64	296406.	3.84	77173.	4845.	5.65	0.0240	4412.	34.	0.17
MILE 399.47	605.23	290763.	3.56	81769.	18729.	6.79	0.0220	4423.	41.	0.30
MILE 395.26	602.99	292295.	5.76	50771.	18898.	9.64	0.0220	4412.	44.	0.62
MILE 391.06	601.28	290148.	4.76	60910.	2777.	8.23	0.0220	3757.	35.	0.18
MILE 386.85	600.06	291721.	3.76	77599.	5326.	6.94	0.0210	3094.	41.	0.17
MILE 382.64	599.02	293515.	3.06	96005.	12689.	6.94	0.0210	3086.	36.	0.20
MILE 378.44	598.05	293650.	3.72	78908.	14886.	6.17	0.0210	3086.	42.	0.28
MILE 374.23	597.42	294252.	2.47	119143.	14585.	7.05	0.0210	3094.	39.	0.15
MILE 370.03	596.96	295094.	2.34	126239.	8462.	7.49	0.0210	3094.	47.	0.11
MILE 365.82	596.22	296989.	2.14	138713.	7902.	7.19	0.0210	3086.	43.	0.09
MILE 361.62	595.81	298195.	2.44	122007.	13108.	8.13	0.0210	3094.	50.	0.14
MILE 357.41	595.50	300120.	2.07	145039.	24896.	7.91	0.0210	3086.	59.	0.15
MILE 353.21	595.27	302845.	2.65	114296.	6928.	9.41	0.0230	3094.	58.	0.11
MILE 349.00	594.58	306265.	2.62	117013.	3837.	9.80	0.0240	3093.	60.	0.08

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.18	258676.	4.80	53930.	19534.	10.02	0.0230	27327.	43.	0.51
MILE 420.49	617.25	286808.	3.44	83469.	9905.	5.75	0.0230	4233.	38.	0.21
MILE 416.28	615.33	291344.	3.76	77425.	8462.	5.53	0.0270	4223.	36.	0.22
MILE 412.08	612.56	293969.	5.00	58823.	5267.	8.91	0.0270	4233.	36.	0.26
MILE 407.88	610.20	295366.	4.13	71513.	7217.	7.23	0.0270	4233.	34.	0.23
MILE 403.67	607.72	297666.	3.83	77784.	4868.	5.64	0.0240	4223.	34.	0.17
MILE 399.47	605.31	292836.	3.56	82177.	18844.	6.79	0.0220	4233.	41.	0.30
MILE 395.26	603.07	294458.	5.78	50973.	18988.	9.64	0.0220	4223.	45.	0.62

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MILE 391.06	601.34	292671.	4.79	61117.	2780.	8.24	0.0220	3620.	35.	0.18
MILE 386.85	600.11	294251.	3.78	77843.	5329.	6.96	0.0210	3009.	41.	0.17
MILE 382.64	599.07	295979.	3.07	96265.	12731.	6.95	0.0210	3002.	36.	0.20
MILE 378.44	598.09	295887.	3.74	79128.	14923.	6.18	0.0210	3002.	42.	0.29
MILE 374.23	597.46	295865.	2.48	119378.	14593.	7.06	0.0210	3009.	39.	0.15
MILE 370.03	596.99	296457.	2.34	126441.	8466.	7.50	0.0210	3009.	47.	0.11
MILE 365.82	596.24	298590.	2.15	138890.	7904.	7.20	0.0210	3002.	43.	0.09
MILE 361.62	595.83	300783.	2.46	122096.	13112.	8.13	0.0210	3009.	50.	0.14
MILE 357.41	595.51	303300.	2.09	145110.	24902.	7.91	0.0210	3002.	59.	0.15
MILE 353.21	595.28	305870.	2.68	114329.	6929.	9.41	0.0230	3009.	58.	0.12
MILE 349.00	594.58	308979.	2.64	117013.	3837.	9.80	0.0240	3009.	60.	0.08

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.07	249482.	4.65	53671.	19447.	10.01	0.0230	27000.	43.	0.49
MILE 420.49	617.20	280944.	3.38	83083.	9883.	5.75	0.0230	4071.	38.	0.21
MILE 416.28	615.31	288423.	3.73	77334.	8457.	5.53	0.0270	4061.	36.	0.22
MILE 412.08	612.59	292773.	4.97	58895.	5271.	8.91	0.0270	4071.	36.	0.26
MILE 407.88	610.25	295449.	4.12	71742.	7235.	7.22	0.0270	4071.	34.	0.23
MILE 403.67	607.78	298205.	3.81	78284.	4886.	5.63	0.0240	4061.	34.	0.17
MILE 399.47	605.39	294573.	3.57	82548.	18947.	6.79	0.0220	4071.	41.	0.30
MILE 395.26	603.15	296352.	5.79	51160.	19072.	9.65	0.0220	4061.	45.	0.62
MILE 391.06	601.41	294897.	4.81	61312.	2782.	8.25	0.0220	3495.	35.	0.18
MILE 386.85	600.17	296465.	3.80	78078.	5331.	6.97	0.0210	2921.	41.	0.17
MILE 382.64	599.12	298131.	3.09	96522.	12772.	6.97	0.0210	2914.	36.	0.20
MILE 378.44	598.13	297979.	3.76	79350.	14959.	6.18	0.0210	2914.	42.	0.29
MILE 374.23	597.50	298246.	2.49	119601.	14602.	7.07	0.0210	2921.	39.	0.15
MILE 370.03	597.02	299204.	2.36	126616.	8469.	7.50	0.0210	2921.	47.	0.11
MILE 365.82	596.26	301265.	2.17	139027.	7905.	7.20	0.0210	2914.	43.	0.09
MILE 361.62	595.84	303074.	2.48	122173.	13115.	8.13	0.0210	2921.	50.	0.14
MILE 357.41	595.53	305088.	2.10	145199.	24911.	7.91	0.0210	2914.	59.	0.15
MILE 353.21	595.29	306297.	2.68	114390.	6931.	9.41	0.0230	2921.	58.	0.12
MILE 349.00	594.60	308749.	2.64	117090.	3838.	9.81	0.0240	2921.	60.	0.08

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.02	249508.	4.66	53558.	19409.	10.01	0.0230	26635.	43.	0.49
MILE 420.49	617.15	279657.	3.38	82743.	9864.	5.75	0.0230	3909.	38.	0.21
MILE 416.28	615.27	286080.	3.71	77109.	8444.	5.54	0.0270	3900.	36.	0.22

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MILE 412.08	612.58	290820.	4.94	58873.	5270.	8.91	0.0270	3909.	36.	0.26
MILE 407.88	610.27	294524.	4.10	71839.	7243.	7.22	0.0270	3909.	34.	0.23
MILE 403.67	607.83	297767.	3.79	78628.	4898.	5.62	0.0240	3900.	35.	0.17
MILE 399.47	605.46	295765.	3.57	82866.	19036.	6.79	0.0220	3909.	41.	0.30
MILE 395.26	603.21	297801.	5.80	51331.	19149.	9.65	0.0220	3900.	45.	0.62
MILE 391.06	601.46	296822.	4.83	61494.	2785.	8.26	0.0220	3370.	35.	0.18
MILE 386.85	600.22	298440.	3.81	78300.	5334.	6.98	0.0210	2833.	41.	0.18
MILE 382.64	599.17	300139.	3.10	96769.	12811.	6.98	0.0210	2826.	36.	0.20
MILE 378.44	598.17	300187.	3.77	79557.	14994.	6.19	0.0210	2826.	42.	0.29
MILE 374.23	597.53	300555.	2.51	119808.	14609.	7.08	0.0210	2833.	39.	0.15
MILE 370.03	597.04	301347.	2.38	126791.	8473.	7.51	0.0210	2833.	47.	0.11
MILE 365.82	596.29	303122.	2.18	139190.	7907.	7.21	0.0210	2826.	43.	0.09
MILE 361.62	595.86	304281.	2.49	122281.	13120.	8.14	0.0210	2833.	50.	0.14
MILE 357.41	595.55	305546.	2.10	145343.	24924.	7.91	0.0210	2826.	59.	0.15
MILE 353.21	595.32	305523.	2.67	114482.	6933.	9.42	0.0230	2833.	58.	0.12
MILE 349.00	594.63	307503.	2.62	117204.	3839.	9.81	0.0240	2833.	60.	0.08

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.98	249465.	4.67	53469.	19378.	10.00	0.0230	26270.	43.	0.49
MILE 420.49	617.11	278642.	3.38	82466.	9848.	5.74	0.0230	3748.	38.	0.21
MILE 416.28	615.24	284597.	3.70	76915.	8433.	5.54	0.0270	3739.	36.	0.22
MILE 412.08	612.56	289362.	4.92	58825.	5267.	8.91	0.0270	3748.	36.	0.26
MILE 407.88	610.27	293381.	4.08	71853.	7244.	7.22	0.0270	3748.	34.	0.23
MILE 403.67	607.86	296812.	3.77	78834.	4905.	5.62	0.0240	3739.	35.	0.17
MILE 399.47	605.52	296379.	3.57	83120.	19106.	6.79	0.0220	3748.	41.	0.30
MILE 395.26	603.27	298706.	5.80	51481.	19216.	9.65	0.0220	3739.	45.	0.62
MILE 391.06	601.51	298439.	4.84	61654.	2787.	8.26	0.0220	3245.	35.	0.18
MILE 386.85	600.27	300156.	3.82	78501.	5336.	7.00	0.0210	2745.	41.	0.18
MILE 382.64	599.21	301906.	3.11	96995.	12847.	6.99	0.0210	2739.	36.	0.20
MILE 378.44	598.20	302106.	3.79	79754.	15026.	6.20	0.0210	2739.	42.	0.29
MILE 374.23	597.56	302258.	2.52	120017.	14617.	7.08	0.0210	2745.	39.	0.15
MILE 370.03	597.07	302677.	2.38	126978.	8477.	7.52	0.0210	2745.	47.	0.11
MILE 365.82	596.31	304169.	2.18	139388.	7910.	7.21	0.0210	2739.	43.	0.09
MILE 361.62	595.89	304999.	2.49	122418.	13125.	8.14	0.0210	2745.	50.	0.14
MILE 357.41	595.57	306739.	2.11	145489.	24938.	7.91	0.0210	2739.	59.	0.15
MILE 353.21	595.32	309718.	2.70	114508.	6934.	9.42	0.0230	2745.	58.	0.12
MILE 349.00	594.60	313073.	2.67	117090.	3838.	9.81	0.0240	2745.	60.	0.09

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.94	249611.	4.67	53395.	19353.	10.00	0.0230	25852.	43.	0.50
MILE 420.49	617.07	277975.	3.38	82237.	9835.	5.74	0.0230	3609.	38.	0.21
MILE 416.28	615.21	283529.	3.69	76743.	8423.	5.54	0.0270	3601.	36.	0.22
MILE 412.08	612.54	288186.	4.90	58769.	5263.	8.91	0.0270	3609.	36.	0.26
MILE 407.88	610.27	292306.	4.07	71834.	7243.	7.22	0.0270	3609.	34.	0.23
MILE 403.67	607.87	295827.	3.75	78962.	4910.	5.61	0.0240	3601.	35.	0.16
MILE 399.47	605.56	296620.	3.56	83315.	19160.	6.79	0.0220	3609.	41.	0.30
MILE 395.26	603.32	299196.	5.80	51607.	19272.	9.65	0.0220	3601.	45.	0.62
MILE 391.06	601.56	299692.	4.85	61789.	2789.	8.27	0.0220	3125.	35.	0.18
MILE 386.85	600.31	301498.	3.83	78676.	5338.	7.01	0.0210	2642.	41.	0.18
MILE 382.64	599.25	303282.	3.12	97202.	12880.	7.00	0.0210	2636.	36.	0.20
MILE 378.44	598.24	303594.	3.80	79943.	15057.	6.21	0.0210	2636.	42.	0.29
MILE 374.23	597.59	303579.	2.53	120228.	14624.	7.09	0.0210	2642.	39.	0.16
MILE 370.03	597.10	304090.	2.39	127161.	8481.	7.52	0.0210	2642.	47.	0.11
MILE 365.82	596.34	306003.	2.19	139550.	7912.	7.22	0.0210	2636.	43.	0.09
MILE 361.62	595.90	307843.	2.51	122501.	13129.	8.15	0.0210	2642.	50.	0.14
MILE 357.41	595.58	308536.	2.12	145615.	24949.	7.91	0.0210	2636.	59.	0.15
MILE 353.21	595.37	304647.	2.66	114687.	6938.	9.43	0.0230	2642.	58.	0.12
MILE 349.00	594.71	304605.	2.59	117508.	3841.	9.83	0.0240	2642.	60.	0.08

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.95	252516.	4.73	53401.	19355.	10.00	0.0230	25434.	43.	0.50
MILE 420.49	617.06	279001.	3.40	82142.	9830.	5.74	0.0230	3471.	38.	0.21
MILE 416.28	615.19	283210.	3.70	76622.	8416.	5.54	0.0270	3463.	36.	0.22
MILE 412.08	612.52	287367.	4.89	58716.	5260.	8.90	0.0270	3471.	36.	0.26
MILE 407.88	610.26	291388.	4.06	71801.	7240.	7.22	0.0270	3471.	34.	0.23
MILE 403.67	607.88	294918.	3.73	79039.	4913.	5.61	0.0240	3463.	35.	0.16
MILE 399.47	605.59	296657.	3.55	83463.	19201.	6.79	0.0220	3471.	41.	0.30
MILE 395.26	603.36	299428.	5.79	51709.	19317.	9.65	0.0220	3463.	45.	0.62
MILE 391.06	601.59	300588.	4.86	61903.	2791.	8.28	0.0220	3004.	35.	0.18
MILE 386.85	600.34	302465.	3.84	78827.	5340.	7.01	0.0210	2539.	41.	0.18
MILE 382.64	599.28	304284.	3.12	97387.	12910.	7.01	0.0210	2533.	36.	0.20
MILE 378.44	598.27	304846.	3.81	80117.	15086.	6.22	0.0210	2533.	42.	0.29
MILE 374.23	597.62	305379.	2.54	120411.	14631.	7.10	0.0210	2539.	39.	0.16
MILE 370.03	597.13	305843.	2.40	127326.	8484.	7.53	0.0210	2539.	47.	0.11
MILE 365.82	596.37	306565.	2.19	139766.	7915.	7.23	0.0210	2533.	43.	0.09
MILE 361.62	595.94	305178.	2.49	122715.	13137.	8.16	0.0210	2539.	50.	0.14
MILE 357.41	595.63	304155.	2.08	145956.	24981.	7.92	0.0210	2533.	59.	0.15
MILE 353.21	595.41	301501.	2.62	114862.	6943.	9.44	0.0230	2539.	59.	0.11
MILE 349.00	594.75	302462.	2.57	117660.	3842.	9.84	0.0240	2539.	60.	0.08

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.96	255313.	4.78	53441.	19369.	10.00	0.0230	25100.	43.	0.51
MILE 420.49	617.06	280321.	3.41	82157.	9831.	5.74	0.0230	3333.	38.	0.21
MILE 416.28	615.19	283534.	3.70	76586.	8414.	5.54	0.0270	3325.	36.	0.22
MILE 412.08	612.51	287137.	4.89	58688.	5258.	8.90	0.0270	3333.	36.	0.26
MILE 407.88	610.26	290828.	4.05	71777.	7238.	7.22	0.0270	3333.	34.	0.23
MILE 403.67	607.89	294238.	3.72	79091.	4915.	5.61	0.0240	3325.	35.	0.16
MILE 399.47	605.61	296595.	3.55	83573.	19231.	6.79	0.0220	3333.	42.	0.30
MILE 395.26	603.39	299486.	5.78	51789.	19353.	9.65	0.0220	3325.	45.	0.62
MILE 391.06	601.62	301208.	4.86	61995.	2792.	8.28	0.0220	2883.	35.	0.18
MILE 386.85	600.37	303167.	3.84	78955.	5341.	7.02	0.0210	2436.	41.	0.18
MILE 382.64	599.31	305053.	3.13	97547.	12935.	7.01	0.0210	2430.	36.	0.20
MILE 378.44	598.30	305805.	3.81	80273.	15112.	6.22	0.0210	2430.	42.	0.29
MILE 374.23	597.65	305288.	2.53	120615.	14639.	7.10	0.0210	2436.	39.	0.16
MILE 370.03	597.17	304468.	2.39	127557.	8489.	7.54	0.0210	2436.	47.	0.11
MILE 365.82	596.41	305135.	2.18	140088.	7919.	7.24	0.0210	2430.	43.	0.09
MILE 361.62	595.99	304775.	2.48	122948.	13147.	8.17	0.0210	2436.	50.	0.14
MILE 357.41	595.67	304939.	2.09	146228.	25007.	7.92	0.0210	2430.	59.	0.15
MILE 353.21	595.44	305119.	2.65	114973.	6946.	9.44	0.0230	2436.	59.	0.11
MILE 349.00	594.75	307282.	2.61	117660.	3842.	9.84	0.0240	2435.	60.	0.08

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.03	260907.	4.87	53581.	19416.	10.01	0.0230	24796.	43.	0.52
MILE 420.49	617.09	283481.	3.44	82369.	9843.	5.74	0.0230	3225.	38.	0.21
MILE 416.28	615.20	284785.	3.72	76651.	8418.	5.54	0.0270	3217.	36.	0.22
MILE 412.08	612.51	287468.	4.90	58691.	5258.	8.90	0.0270	3225.	36.	0.26
MILE 407.88	610.26	290668.	4.05	71777.	7238.	7.22	0.0270	3225.	34.	0.23
MILE 403.67	607.90	293901.	3.71	79146.	4917.	5.61	0.0240	3217.	35.	0.16
MILE 399.47	605.63	296541.	3.54	83658.	19255.	6.79	0.0220	3225.	42.	0.30
MILE 395.26	603.41	299486.	5.78	51853.	19382.	9.65	0.0220	3217.	45.	0.62
MILE 391.06	601.64	301616.	4.86	62071.	2793.	8.29	0.0220	2789.	35.	0.18
MILE 386.85	600.40	303572.	3.84	79062.	5342.	7.03	0.0210	2355.	41.	0.18
MILE 382.64	599.34	305381.	3.13	97692.	12959.	7.02	0.0210	2349.	36.	0.20
MILE 378.44	598.33	305899.	3.80	80438.	15139.	6.23	0.0210	2349.	42.	0.29
MILE 374.23	597.69	305245.	2.53	120833.	14647.	7.11	0.0210	2355.	39.	0.15
MILE 370.03	597.20	304906.	2.39	127764.	8493.	7.55	0.0210	2355.	47.	0.11
MILE 365.82	596.44	306058.	2.18	140320.	7922.	7.24	0.0210	2349.	43.	0.09

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MILE 361.62	596.01	306970.	2.49	123092.	13153.	8.17	0.0210	2355.	50.	0.14
MILE 357.41	595.69	308716.	2.11	146364.	25019.	7.92	0.0210	2349.	59.	0.15
MILE 353.21	595.45	311822.	2.71	115001.	6947.	9.45	0.0230	2355.	59.	0.12
MILE 349.00	594.72	314951.	2.68	117546.	3841.	9.83	0.0240	2355.	60.	0.09

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.11	266393.	4.95	53767.	19479.	10.01	0.0230	24342.	43.	0.53
MILE 420.49	617.15	286958.	3.47	82748.	9864.	5.75	0.0230	3117.	38.	0.21
MILE 416.28	615.23	286821.	3.73	76848.	8429.	5.54	0.0270	3109.	36.	0.22
MILE 412.08	612.53	288580.	4.91	58743.	5261.	8.90	0.0270	3117.	36.	0.26
MILE 407.88	610.27	291088.	4.05	71824.	7242.	7.22	0.0270	3117.	34.	0.23
MILE 403.67	607.91	294023.	3.71	79230.	4920.	5.61	0.0240	3109.	35.	0.16
MILE 399.47	605.65	296592.	3.54	83731.	19275.	6.79	0.0220	3117.	42.	0.30
MILE 395.26	603.43	299496.	5.77	51905.	19404.	9.65	0.0220	3109.	45.	0.62
MILE 391.06	601.66	301777.	4.86	62136.	2794.	8.29	0.0220	2694.	35.	0.18
MILE 386.85	600.42	303706.	3.84	79161.	5344.	7.03	0.0210	2274.	41.	0.18
MILE 382.64	599.37	305489.	3.12	97831.	12981.	7.03	0.0210	2268.	36.	0.20
MILE 378.44	598.36	306167.	3.80	80589.	15164.	6.24	0.0210	2268.	42.	0.29
MILE 374.23	597.72	306270.	2.53	121010.	14653.	7.12	0.0210	2274.	39.	0.16
MILE 370.03	597.23	306894.	2.40	127914.	8496.	7.55	0.0210	2274.	47.	0.11
MILE 365.82	596.46	308636.	2.20	140443.	7923.	7.25	0.0210	2268.	43.	0.09
MILE 361.62	596.02	310562.	2.52	123147.	13155.	8.17	0.0210	2274.	50.	0.15
MILE 357.41	595.70	312369.	2.13	146415.	25024.	7.92	0.0210	2268.	59.	0.16
MILE 353.21	595.46	312928.	2.72	115062.	6948.	9.45	0.0230	2274.	59.	0.12
MILE 349.00	594.75	314620.	2.67	117660.	3842.	9.84	0.0240	2274.	60.	0.09

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.14	266076.	4.94	53840.	19504.	10.01	0.0230	23888.	43.	0.52
MILE 420.49	617.19	287436.	3.46	83039.	9881.	5.75	0.0230	3009.	38.	0.21
MILE 416.28	615.27	288283.	3.74	77086.	8443.	5.54	0.0270	3002.	36.	0.22
MILE 412.08	612.56	289979.	4.93	58834.	5267.	8.91	0.0270	3009.	36.	0.26
MILE 407.88	610.29	292015.	4.06	71926.	7250.	7.22	0.0270	3009.	34.	0.23
MILE 403.67	607.92	294654.	3.71	79363.	4924.	5.61	0.0240	3002.	35.	0.16
MILE 399.47	605.66	296825.	3.54	83803.	19295.	6.79	0.0220	3009.	42.	0.30
MILE 395.26	603.45	299594.	5.77	51949.	19424.	9.65	0.0220	3002.	45.	0.62
MILE 391.06	601.68	301883.	4.85	62194.	2795.	8.29	0.0220	2600.	35.	0.18
MILE 386.85	600.44	303808.	3.83	79249.	5345.	7.04	0.0210	2193.	41.	0.18

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MILE 382.64	599.39	305641.	3.12	97951.	13000.	7.03	0.0210	2188.	36.	0.20
MILE 378.44	598.38	306733.	3.80	80710.	15184.	6.24	0.0210	2188.	42.	0.29
MILE 374.23	597.73	307752.	2.54	121134.	14658.	7.12	0.0210	2193.	39.	0.16
MILE 370.03	597.24	308935.	2.41	128015.	8498.	7.56	0.0210	2193.	47.	0.11
MILE 365.82	596.47	310399.	2.21	140541.	7924.	7.25	0.0210	2188.	43.	0.09
MILE 361.62	596.04	311059.	2.52	123230.	13158.	8.18	0.0210	2193.	50.	0.15
MILE 357.41	595.72	311226.	2.12	146572.	25038.	7.92	0.0210	2188.	59.	0.15
MILE 353.21	595.50	308412.	2.68	115202.	6952.	9.46	0.0230	2193.	59.	0.12
MILE 349.00	594.82	308673.	2.62	117927.	3844.	9.85	0.0240	2193.	60.	0.08

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.16	265919.	4.93	53885.	19519.	10.02	0.0230	23420.	43.	0.52
MILE 420.49	617.22	287692.	3.46	83245.	9893.	5.75	0.0230	2914.	38.	0.21
MILE 416.28	615.30	289081.	3.74	77266.	8453.	5.53	0.0270	2907.	36.	0.22
MILE 412.08	612.59	290915.	4.94	58920.	5273.	8.91	0.0270	2914.	36.	0.26
MILE 407.88	610.32	292916.	4.07	72046.	7260.	7.22	0.0270	2914.	34.	0.23
MILE 403.67	607.95	295444.	3.71	79530.	4930.	5.60	0.0240	2907.	35.	0.16
MILE 399.47	605.68	297241.	3.54	83883.	19317.	6.80	0.0220	2914.	42.	0.30
MILE 395.26	603.47	299864.	5.77	51991.	19443.	9.65	0.0220	2907.	45.	0.62
MILE 391.06	601.70	302101.	4.85	62247.	2795.	8.30	0.0220	2512.	35.	0.18
MILE 386.85	600.46	304021.	3.83	79323.	5345.	7.04	0.0210	2112.	41.	0.18
MILE 382.64	599.41	305901.	3.12	98046.	13015.	7.04	0.0210	2107.	36.	0.20
MILE 378.44	598.40	307294.	3.80	80801.	15199.	6.25	0.0210	2107.	42.	0.29
MILE 374.23	597.75	308187.	2.54	121243.	14662.	7.13	0.0210	2112.	39.	0.16
MILE 370.03	597.26	308725.	2.41	128136.	8501.	7.56	0.0210	2112.	47.	0.11
MILE 365.82	596.50	309561.	2.20	140727.	7927.	7.26	0.0210	2107.	43.	0.09
MILE 361.62	596.07	309016.	2.50	123399.	13165.	8.19	0.0210	2112.	50.	0.14
MILE 357.41	595.76	308702.	2.10	146820.	25061.	7.93	0.0210	2107.	59.	0.15
MILE 353.21	595.53	307531.	2.67	115320.	6955.	9.46	0.0230	2112.	59.	0.12
MILE 349.00	594.84	308742.	2.62	118003.	3845.	9.86	0.0240	2112.	60.	0.08

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.17	265603.	4.93	53905.	19526.	10.02	0.0230	22952.	43.	0.52
MILE 420.49	617.24	287632.	3.45	83379.	9900.	5.75	0.0230	2819.	38.	0.21
MILE 416.28	615.32	289511.	3.74	77399.	8461.	5.53	0.0270	2812.	36.	0.22
MILE 412.08	612.62	291552.	4.94	58993.	5278.	8.91	0.0270	2819.	36.	0.26
MILE 407.88	610.34	293632.	4.07	72158.	7269.	7.22	0.0270	2819.	34.	0.23

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MILE 403.67	607.97	296109.	3.72	79696.	4936.	5.60	0.0240	2812.	35.	0.16
MILE 399.47	605.70	297739.	3.55	83969.	19340.	6.80	0.0220	2819.	42.	0.30
MILE 395.26	603.48	300259.	5.77	52033.	19461.	9.65	0.0220	2812.	45.	0.62
MILE 391.06	601.71	302444.	4.86	62294.	2796.	8.30	0.0220	2424.	35.	0.18
MILE 386.85	600.47	304301.	3.83	79385.	5346.	7.05	0.0210	2032.	41.	0.18
MILE 382.64	599.42	306109.	3.12	98126.	13028.	7.04	0.0210	2027.	36.	0.20
MILE 378.44	598.41	307336.	3.80	80891.	15214.	6.25	0.0210	2027.	42.	0.29
MILE 374.23	597.77	307512.	2.53	121372.	14666.	7.13	0.0210	2032.	39.	0.16
MILE 370.03	597.29	307522.	2.40	128283.	8504.	7.57	0.0210	2032.	47.	0.11
MILE 365.82	596.53	308495.	2.19	140934.	7929.	7.26	0.0210	2027.	43.	0.09
MILE 361.62	596.10	308878.	2.50	123549.	13172.	8.19	0.0210	2032.	51.	0.14
MILE 357.41	595.78	309430.	2.10	147000.	25078.	7.93	0.0210	2027.	59.	0.15
MILE 353.21	595.55	309633.	2.68	115406.	6957.	9.47	0.0230	2032.	59.	0.12
MILE 349.00	594.85	311271.	2.64	118041.	3845.	9.86	0.0240	2032.	60.	0.08

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.16	264425.	4.91	53885.	19519.	10.02	0.0230	22495.	43.	0.52
MILE 420.49	617.25	286940.	3.44	83423.	9903.	5.75	0.0230	2724.	38.	0.21
MILE 416.28	615.34	289531.	3.74	77478.	8465.	5.53	0.0270	2717.	36.	0.22
MILE 412.08	612.64	291891.	4.94	59046.	5281.	8.91	0.0270	2724.	36.	0.26
MILE 407.88	610.36	294131.	4.07	72250.	7276.	7.21	0.0270	2724.	34.	0.23
MILE 403.67	607.99	296600.	3.71	79845.	4941.	5.60	0.0240	2717.	35.	0.16
MILE 399.47	605.72	298232.	3.55	84053.	19363.	6.80	0.0220	2724.	42.	0.30
MILE 395.26	603.50	300676.	5.77	52073.	19479.	9.65	0.0220	2717.	45.	0.62
MILE 391.06	601.73	302765.	4.86	62338.	2797.	8.30	0.0220	2337.	35.	0.18
MILE 386.85	600.49	304509.	3.83	79445.	5347.	7.05	0.0210	1951.	41.	0.18
MILE 382.64	599.44	306175.	3.12	98206.	13041.	7.04	0.0210	1947.	36.	0.20
MILE 378.44	598.43	307141.	3.79	80986.	15229.	6.25	0.0210	1947.	42.	0.29
MILE 374.23	597.79	307383.	2.53	121500.	14671.	7.14	0.0210	1951.	39.	0.15
MILE 370.03	597.30	307769.	2.40	128406.	8506.	7.57	0.0210	1951.	47.	0.11
MILE 365.82	596.55	308937.	2.19	141081.	7931.	7.27	0.0210	1947.	43.	0.09
MILE 361.62	596.12	309747.	2.50	123652.	13176.	8.20	0.0210	1951.	51.	0.14
MILE 357.41	595.80	310749.	2.11	147124.	25090.	7.93	0.0210	1947.	59.	0.15
MILE 353.21	595.56	311431.	2.70	115470.	6959.	9.47	0.0230	1951.	59.	0.12
MILE 349.00	594.86	313093.	2.65	118079.	3845.	9.86	0.0240	1951.	60.	0.08

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	619.17	265688.	4.93	53905.	19526.	10.02	0.0230	22062.	43.	0.52
MILE 420.49	617.26	287451.	3.44	83483.	9906.	5.75	0.0230	2653.	38.	0.21
MILE 416.28	615.34	289669.	3.74	77526.	8468.	5.53	0.0270	2646.	36.	0.22
MILE 412.08	612.65	292016.	4.94	59079.	5284.	8.91	0.0270	2653.	36.	0.26
MILE 407.88	610.38	294387.	4.07	72317.	7281.	7.21	0.0270	2653.	34.	0.23
MILE 403.67	608.00	296883.	3.71	79969.	4946.	5.60	0.0240	2646.	35.	0.16
MILE 399.47	605.73	298633.	3.55	84131.	19385.	6.80	0.0220	2653.	42.	0.30
MILE 395.26	603.51	301029.	5.78	52112.	19496.	9.65	0.0220	2646.	45.	0.62
MILE 391.06	601.74	302998.	4.86	62384.	2797.	8.30	0.0220	2273.	35.	0.18
MILE 386.85	600.50	304668.	3.83	79508.	5347.	7.05	0.0210	1896.	41.	0.18
MILE 382.64	599.45	306273.	3.12	98289.	13054.	7.05	0.0210	1892.	36.	0.20
MILE 378.44	598.45	307242.	3.79	81075.	15244.	6.26	0.0210	1892.	42.	0.29
MILE 374.23	597.81	307793.	2.53	121606.	14675.	7.14	0.0210	1896.	39.	0.15
MILE 370.03	597.32	308473.	2.40	128506.	8508.	7.58	0.0210	1896.	47.	0.11
MILE 365.82	596.56	309741.	2.19	141194.	7932.	7.27	0.0210	1892.	43.	0.09
MILE 361.62	596.13	310744.	2.51	123728.	13179.	8.20	0.0210	1896.	51.	0.14
MILE 357.41	595.81	312156.	2.12	147207.	25097.	7.93	0.0210	1892.	59.	0.15
MILE 353.21	595.57	314003.	2.72	115495.	6960.	9.47	0.0230	1896.	59.	0.12
MILE 349.00	594.85	316133.	2.68	118041.	3845.	9.86	0.0240	1896.	60.	0.09

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.17	265520.	4.93	53896.	19523.	10.02	0.0230	21570.	43.	0.52
MILE 420.49	617.26	287219.	3.44	83512.	9908.	5.75	0.0230	2581.	38.	0.21
MILE 416.28	615.35	289760.	3.74	77571.	8470.	5.53	0.0270	2575.	36.	0.22
MILE 412.08	612.66	292204.	4.94	59108.	5285.	8.91	0.0270	2581.	36.	0.26
MILE 407.88	610.39	294591.	4.07	72370.	7285.	7.21	0.0270	2581.	34.	0.23
MILE 403.67	608.01	297057.	3.71	80070.	4949.	5.60	0.0240	2575.	35.	0.16
MILE 399.47	605.75	298916.	3.55	84201.	19404.	6.80	0.0220	2581.	42.	0.30
MILE 395.26	603.53	301277.	5.78	52149.	19513.	9.65	0.0220	2575.	45.	0.62
MILE 391.06	601.75	303217.	4.86	62428.	2798.	8.30	0.0220	2210.	35.	0.18
MILE 386.85	600.52	304854.	3.83	79568.	5348.	7.06	0.0210	1841.	41.	0.18
MILE 382.64	599.47	306443.	3.12	98366.	13066.	7.05	0.0210	1837.	36.	0.20
MILE 378.44	598.46	307499.	3.79	81154.	15257.	6.26	0.0210	1837.	42.	0.29
MILE 374.23	597.82	308260.	2.53	121697.	14678.	7.14	0.0210	1841.	39.	0.16
MILE 370.03	597.33	309220.	2.40	128587.	8510.	7.58	0.0210	1841.	47.	0.11
MILE 365.82	596.57	310752.	2.20	141268.	7933.	7.27	0.0210	1837.	43.	0.09
MILE 361.62	596.14	312416.	2.52	123762.	13180.	8.20	0.0210	1841.	51.	0.15
MILE 357.41	595.81	314596.	2.14	147217.	25098.	7.93	0.0210	1837.	59.	0.16
MILE 353.21	595.56	318010.	2.75	115469.	6959.	9.47	0.0230	1841.	59.	0.12
MILE 349.00	594.82	320698.	2.72	117927.	3844.	9.85	0.0240	1841.	60.	0.09

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.16	265372.	4.93	53877.	19516.	10.01	0.0230	21079.	43.	0.52
MILE 420.49	617.26	286924.	3.44	83508.	9907.	5.75	0.0230	2510.	38.	0.21
MILE 416.28	615.35	289684.	3.73	77588.	8471.	5.53	0.0270	2504.	36.	0.22
MILE 412.08	612.67	292239.	4.94	59125.	5287.	8.91	0.0270	2510.	36.	0.26
MILE 407.88	610.40	294703.	4.07	72411.	7289.	7.21	0.0270	2510.	34.	0.23
MILE 403.67	608.03	297164.	3.71	80155.	4952.	5.59	0.0240	2504.	35.	0.16
MILE 399.47	605.76	299128.	3.55	84262.	19420.	6.80	0.0220	2510.	42.	0.30
MILE 395.26	603.54	301461.	5.78	52183.	19528.	9.65	0.0220	2504.	45.	0.62
MILE 391.06	601.77	303433.	4.86	62467.	2798.	8.31	0.0220	2147.	35.	0.18
MILE 386.85	600.53	305051.	3.83	79621.	5349.	7.06	0.0210	1786.	41.	0.17
MILE 382.64	599.48	306633.	3.12	98433.	13077.	7.05	0.0210	1782.	36.	0.20
MILE 378.44	598.47	307813.	3.79	81220.	15268.	6.26	0.0210	1782.	42.	0.29
MILE 374.23	597.83	308974.	2.54	121765.	14681.	7.14	0.0210	1786.	39.	0.16
MILE 370.03	597.34	310464.	2.41	128634.	8511.	7.58	0.0210	1786.	47.	0.11
MILE 365.82	596.57	312339.	2.21	141281.	7933.	7.27	0.0210	1782.	43.	0.09
MILE 361.62	596.14	314508.	2.54	123750.	13180.	8.20	0.0210	1786.	51.	0.15
MILE 357.41	595.81	316039.	2.15	147210.	25097.	7.93	0.0210	1782.	59.	0.16
MILE 353.21	595.58	315483.	2.73	115525.	6960.	9.47	0.0230	1786.	59.	0.12
MILE 349.00	594.87	316154.	2.68	118117.	3846.	9.86	0.0240	1786.	60.	0.09

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	619.15	265131.	4.92	53847.	19507.	10.01	0.0230	20628.	43.	0.52
MILE 420.49	617.25	286528.	3.43	83471.	9905.	5.75	0.0230	2437.	38.	0.21
MILE 416.28	615.35	289487.	3.73	77581.	8471.	5.53	0.0270	2431.	36.	0.22
MILE 412.08	612.67	292156.	4.94	59131.	5287.	8.91	0.0270	2437.	36.	0.26
MILE 407.88	610.40	294706.	4.07	72436.	7291.	7.21	0.0270	2437.	34.	0.23
MILE 403.67	608.03	297167.	3.70	80218.	4955.	5.59	0.0240	2431.	35.	0.16
MILE 399.47	605.77	299279.	3.55	84314.	19435.	6.80	0.0220	2437.	42.	0.30
MILE 395.26	603.55	301599.	5.78	52213.	19541.	9.65	0.0220	2431.	45.	0.62
MILE 391.06	601.78	303640.	4.86	62501.	2799.	8.31	0.0220	2082.	35.	0.18
MILE 386.85	600.54	305255.	3.83	79667.	5349.	7.06	0.0210	1729.	41.	0.17
MILE 382.64	599.49	306857.	3.12	98489.	13086.	7.06	0.0210	1725.	36.	0.20
MILE 378.44	598.48	308262.	3.79	81268.	15276.	6.27	0.0210	1725.	42.	0.29
MILE 374.23	597.84	309892.	2.54	121805.	14682.	7.15	0.0210	1729.	39.	0.16
MILE 370.03	597.35	311416.	2.42	128665.	8511.	7.58	0.0210	1729.	47.	0.11
MILE 365.82	596.58	312658.	2.21	141323.	7934.	7.28	0.0210	1725.	43.	0.09
MILE 361.62	596.15	313089.	2.53	123809.	13182.	8.20	0.0210	1729.	51.	0.15
MILE 357.41	595.83	313817.	2.13	147313.	25107.	7.93	0.0210	1725.	59.	0.15
MILE 353.21	595.59	314546.	2.72	115562.	6961.	9.48	0.0230	1729.	59.	0.12

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MILE 349.00 594.87 316048. 2.68 118117. 3846. 9.86 0.0240 1729. 60. 0.09

0DATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH	FROUDE							
MILE 424.70	619.09	261107.	4.86	53714.	19461.	10.01	0.0230	20176. 43. 0.52
MILE 420.49	617.22	283955.	3.41	83266.	9894.	5.75	0.0230	2363. 38. 0.21
MILE 416.28	615.34	288504.	3.72	77507.	8467.	5.53	0.0270	2358. 36. 0.22
MILE 412.08	612.67	291787.	4.94	59119.	5286.	8.91	0.0270	2363. 36. 0.26
MILE 407.88	610.40	294570.	4.07	72444.	7291.	7.21	0.0270	2363. 34. 0.23
MILE 403.67	608.04	297063.	3.70	80259.	4956.	5.59	0.0240	2358. 35. 0.16
MILE 399.47	605.78	299368.	3.55	84356.	19446.	6.80	0.0220	2363. 42. 0.30
MILE 395.26	603.56	301688.	5.78	52239.	19553.	9.65	0.0220	2358. 45. 0.62
MILE 391.06	601.79	303850.	4.86	62528.	2799.	8.31	0.0220	2017. 35. 0.18
MILE 386.85	600.55	305475.	3.83	79702.	5350.	7.06	0.0210	1672. 41. 0.17
MILE 382.64	599.50	307096.	3.12	98530.	13092.	7.06	0.0210	1668. 36. 0.20
MILE 378.44	598.49	308582.	3.80	81305.	15282.	6.27	0.0210	1668. 42. 0.29
MILE 374.23	597.85	309632.	2.54	121855.	14684.	7.15	0.0210	1672. 39. 0.16
MILE 370.03	597.36	310537.	2.41	128727.	8513.	7.58	0.0210	1672. 47. 0.11
MILE 365.82	596.59	311886.	2.21	141410.	7935.	7.28	0.0210	1668. 43. 0.09
MILE 361.62	596.16	313175.	2.53	123863.	13184.	8.20	0.0210	1672. 51. 0.15
MILE 357.41	595.84	314618.	2.14	147362.	25112.	7.93	0.0210	1668. 59. 0.16
MILE 353.21	595.59	316479.	2.74	115572.	6962.	9.48	0.0230	1672. 59. 0.12
MILE 349.00	594.86	318391.	2.70	118079.	3845.	9.86	0.0240	1671. 60. 0.09

0DATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH	FROUDE							
MILE 424.70	618.94	251769.	4.71	53398.	19354.	10.00	0.0230	19807. 43. 0.50
MILE 420.49	617.14	278035.	3.36	82709.	9862.	5.75	0.0230	2290. 38. 0.20
MILE 416.28	615.30	285777.	3.70	77255.	8453.	5.53	0.0270	2284. 36. 0.22
MILE 412.08	612.64	290477.	4.92	59056.	5282.	8.91	0.0270	2290. 36. 0.26
MILE 407.88	610.40	293971.	4.06	72410.	7289.	7.21	0.0270	2290. 34. 0.23
MILE 403.67	608.04	296663.	3.70	80259.	4956.	5.59	0.0240	2284. 35. 0.16
MILE 399.47	605.79	299362.	3.55	84386.	19454.	6.80	0.0220	2290. 42. 0.30
MILE 395.26	603.57	301719.	5.77	52259.	19562.	9.65	0.0220	2284. 45. 0.62
MILE 391.06	601.79	304016.	4.86	62549.	2800.	8.31	0.0220	1951. 35. 0.18
MILE 386.85	600.55	305606.	3.83	79729.	5350.	7.06	0.0210	1614. 41. 0.17
MILE 382.64	599.50	307156.	3.12	98565.	13098.	7.06	0.0210	1611. 36. 0.20
MILE 378.44	598.50	308488.	3.79	81345.	15288.	6.27	0.0210	1611. 42. 0.29
MILE 374.23	597.86	309588.	2.54	121906.	14686.	7.15	0.0210	1614. 39. 0.16

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MILE 370.03	597.36	310844.	2.41	128768.	8514.	7.59	0.0210	1614.	47.	0.11
MILE 365.82	596.60	312384.	2.21	141444.	7935.	7.28	0.0210	1611.	43.	0.09
MILE 361.62	596.16	314022.	2.53	123879.	13185.	8.21	0.0210	1614.	51.	0.15
MILE 357.41	595.84	315580.	2.14	147377.	25113.	7.93	0.0210	1611.	59.	0.16
MILE 353.21	595.59	316799.	2.74	115591.	6962.	9.48	0.0230	1614.	59.	0.12
MILE 349.00	594.87	318234.	2.69	118117.	3846.	9.86	0.0240	1614.	60.	0.09

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.83	248938.	4.68	53156.	19272.	9.99	0.0230	19458.	43.	0.50
MILE 420.49	617.05	275099.	3.35	82093.	9827.	5.74	0.0230	2237.	38.	0.20
MILE 416.28	615.23	282835.	3.68	76843.	8429.	5.54	0.0270	2232.	36.	0.21
MILE 412.08	612.59	288139.	4.89	58916.	5273.	8.91	0.0270	2237.	36.	0.26
MILE 407.88	610.37	292506.	4.05	72290.	7279.	7.21	0.0270	2237.	34.	0.23
MILE 403.67	608.03	295578.	3.69	80173.	4953.	5.59	0.0240	2232.	35.	0.16
MILE 399.47	605.79	299101.	3.54	84393.	19456.	6.80	0.0220	2237.	42.	0.30
MILE 395.26	603.58	301584.	5.77	52273.	19568.	9.65	0.0220	2232.	45.	0.62
MILE 391.06	601.80	304030.	4.86	62564.	2800.	8.31	0.0220	1907.	35.	0.18
MILE 386.85	600.56	305614.	3.83	79752.	5350.	7.07	0.0210	1578.	41.	0.17
MILE 382.64	599.51	307156.	3.12	98597.	13103.	7.06	0.0210	1574.	36.	0.20
MILE 378.44	598.50	308574.	3.79	81378.	15294.	6.27	0.0210	1574.	42.	0.29
MILE 374.23	597.86	309979.	2.54	121938.	14687.	7.15	0.0210	1578.	39.	0.16
MILE 370.03	597.37	311407.	2.42	128794.	8514.	7.59	0.0210	1578.	47.	0.11
MILE 365.82	596.60	312840.	2.21	141469.	7936.	7.28	0.0210	1574.	43.	0.09
MILE 361.62	596.17	314111.	2.54	123899.	13186.	8.21	0.0210	1578.	51.	0.15
MILE 357.41	595.84	315493.	2.14	147407.	25116.	7.93	0.0210	1574.	59.	0.16
MILE 353.21	595.60	316896.	2.74	115603.	6963.	9.48	0.0230	1578.	59.	0.12
MILE 349.00	594.87	318458.	2.70	118117.	3846.	9.86	0.0240	1577.	60.	0.09

ODATE 5-08-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.76	249763.	4.71	53000.	19219.	9.99	0.0230	18977.	43.	0.50
MILE 420.49	616.97	274195.	3.36	81588.	9798.	5.73	0.0230	2185.	38.	0.21
MILE 416.28	615.16	280839.	3.67	76444.	8406.	5.54	0.0270	2179.	36.	0.21
MILE 412.08	612.53	286010.	4.87	58745.	5261.	8.90	0.0270	2185.	36.	0.26
MILE 407.88	610.33	290682.	4.03	72100.	7264.	7.22	0.0270	2185.	34.	0.23
MILE 403.67	608.00	293953.	3.68	79987.	4946.	5.60	0.0240	2179.	35.	0.16
MILE 399.47	605.78	298450.	3.54	84365.	19449.	6.80	0.0220	2185.	42.	0.30
MILE 395.26	603.58	301124.	5.76	52277.	19570.	9.65	0.0220	2179.	45.	0.62

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MILE 391.06	601.80	303906.	4.86	62571.	2800.	8.31	0.0220	1862.	35.	0.18
MILE 386.85	600.56	305539.	3.83	79766.	5350.	7.07	0.0210	1541.	41.	0.17
MILE 382.64	599.51	307121.	3.11	98619.	13106.	7.06	0.0210	1537.	36.	0.20
MILE 378.44	598.51	308675.	3.79	81400.	15298.	6.27	0.0210	1537.	42.	0.29
MILE 374.23	597.86	310067.	2.54	121964.	14688.	7.15	0.0210	1541.	39.	0.16
MILE 370.03	597.37	311426.	2.42	128820.	8515.	7.59	0.0210	1541.	47.	0.11
MILE 365.82	596.60	312891.	2.21	141497.	7936.	7.28	0.0210	1537.	43.	0.09
MILE 361.62	596.17	314314.	2.54	123918.	13187.	8.21	0.0210	1541.	51.	0.15
MILE 357.41	595.85	315631.	2.14	147432.	25118.	7.93	0.0210	1537.	59.	0.16
MILE 353.21	595.60	316536.	2.74	115624.	6963.	9.48	0.0230	1541.	59.	0.12
MILE 349.00	594.88	317833.	2.69	118155.	3846.	9.86	0.0240	1541.	60.	0.09

ODATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.70	250118.	4.73	52862.	19172.	9.99	0.0230	18496.	43.	0.50
MILE 420.49	616.91	273339.	3.37	81161.	9773.	5.73	0.0230	2132.	38.	0.21
MILE 416.28	615.10	279439.	3.67	76104.	8387.	5.54	0.0270	2127.	36.	0.21
MILE 412.08	612.47	284377.	4.85	58580.	5251.	8.90	0.0270	2132.	36.	0.26
MILE 407.88	610.28	288994.	4.02	71889.	7247.	7.22	0.0270	2132.	34.	0.22
MILE 403.67	607.97	292297.	3.67	79747.	4938.	5.60	0.0240	2127.	35.	0.16
MILE 399.47	605.77	297523.	3.53	84301.	19431.	6.80	0.0220	2132.	42.	0.30
MILE 395.26	603.57	300365.	5.75	52269.	19566.	9.65	0.0220	2127.	45.	0.62
MILE 391.06	601.80	303598.	4.85	62565.	2800.	8.31	0.0220	1817.	35.	0.18
MILE 386.85	600.56	305299.	3.83	79767.	5350.	7.07	0.0210	1504.	41.	0.17
MILE 382.64	599.52	306920.	3.11	98630.	13108.	7.06	0.0210	1500.	36.	0.20
MILE 378.44	598.51	308588.	3.79	81416.	15300.	6.27	0.0210	1500.	42.	0.29
MILE 374.23	597.87	310067.	2.54	121984.	14689.	7.15	0.0210	1504.	39.	0.16
MILE 370.03	597.37	311473.	2.42	128839.	8515.	7.59	0.0210	1504.	47.	0.11
MILE 365.82	596.61	312862.	2.21	141523.	7936.	7.28	0.0210	1500.	43.	0.09
MILE 361.62	596.17	314137.	2.53	123939.	13188.	8.21	0.0210	1504.	51.	0.15
MILE 357.41	595.85	315734.	2.14	147451.	25120.	7.93	0.0210	1500.	59.	0.16
MILE 353.21	595.60	318197.	2.75	115610.	6963.	9.48	0.0230	1504.	59.	0.12
MILE 349.00	594.86	320192.	2.71	118079.	3845.	9.86	0.0240	1504.	60.	0.09

ODATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.64	249748.	4.74	52727.	19125.	9.98	0.0230	18197.	43.	0.50
MILE 420.49	616.85	272332.	3.37	80763.	9751.	5.72	0.0230	2075.	38.	0.21
MILE 416.28	615.05	278204.	3.67	75796.	8369.	5.55	0.0270	2070.	36.	0.21

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MILE 412.08	612.42	282987.	4.84	58424.	5240.	8.90	0.0270	2075.	36.	0.26
MILE 407.88	610.24	287511.	4.01	71680.	7231.	7.23	0.0270	2075.	34.	0.22
MILE 403.67	607.94	290800.	3.66	79487.	4929.	5.61	0.0240	2070.	35.	0.16
MILE 399.47	605.75	296495.	3.52	84209.	19406.	6.80	0.0220	2075.	42.	0.30
MILE 395.26	603.57	299453.	5.73	52247.	19556.	9.65	0.0220	2070.	45.	0.62
MILE 391.06	601.79	303088.	4.85	62546.	2800.	8.31	0.0220	1772.	35.	0.18
MILE 386.85	600.56	304858.	3.82	79754.	5350.	7.07	0.0210	1470.	41.	0.17
MILE 382.64	599.52	306532.	3.11	98627.	13108.	7.06	0.0210	1467.	36.	0.20
MILE 378.44	598.51	308356.	3.79	81422.	15301.	6.27	0.0210	1467.	42.	0.29
MILE 374.23	597.87	309888.	2.54	121997.	14689.	7.15	0.0210	1470.	39.	0.16
MILE 370.03	597.38	311432.	2.42	128851.	8515.	7.59	0.0210	1470.	47.	0.11
MILE 365.82	596.61	313100.	2.21	141525.	7936.	7.28	0.0210	1467.	43.	0.09
MILE 361.62	596.17	315143.	2.54	123924.	13187.	8.21	0.0210	1470.	51.	0.15
MILE 357.41	595.84	317346.	2.15	147407.	25116.	7.93	0.0210	1467.	59.	0.16
MILE 353.21	595.59	320397.	2.77	115572.	6962.	9.48	0.0230	1470.	59.	0.12
MILE 349.00	594.84	322510.	2.73	118003.	3845.	9.86	0.0240	1470.	60.	0.09

ODATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.38	233031.	4.47	52175.	18936.	9.97	0.0230	17899.	42.	0.47
MILE 420.49	616.70	262224.	3.29	79773.	9693.	5.71	0.0230	2018.	38.	0.20
MILE 416.28	614.97	273876.	3.64	75259.	8341.	5.55	0.0270	2013.	36.	0.21
MILE 412.08	612.35	280917.	4.82	58246.	5228.	8.89	0.0270	2018.	36.	0.25
MILE 407.88	610.19	286024.	4.00	71468.	7214.	7.23	0.0270	2018.	34.	0.22
MILE 403.67	607.90	289403.	3.65	79213.	4919.	5.61	0.0240	2013.	35.	0.16
MILE 399.47	605.73	295441.	3.51	84098.	19376.	6.80	0.0220	2018.	42.	0.30
MILE 395.26	603.55	298476.	5.72	52213.	19541.	9.65	0.0220	2013.	45.	0.62
MILE 391.06	601.78	302424.	4.84	62514.	2799.	8.31	0.0220	1726.	35.	0.18
MILE 386.85	600.55	304250.	3.82	79726.	5350.	7.06	0.0210	1437.	41.	0.17
MILE 382.64	599.51	305973.	3.10	98610.	13105.	7.06	0.0210	1433.	36.	0.20
MILE 378.44	598.51	307995.	3.78	81416.	15300.	6.27	0.0210	1433.	42.	0.29
MILE 374.23	597.87	309971.	2.54	121988.	14689.	7.15	0.0210	1437.	39.	0.16
MILE 370.03	597.37	312013.	2.42	128832.	8515.	7.59	0.0210	1437.	47.	0.11
MILE 365.82	596.60	313862.	2.22	141480.	7936.	7.28	0.0210	1433.	43.	0.09
MILE 361.62	596.16	315959.	2.55	123886.	13185.	8.21	0.0210	1437.	51.	0.15
MILE 357.41	595.84	317302.	2.15	147381.	25113.	7.93	0.0210	1433.	59.	0.16
MILE 353.21	595.60	316595.	2.74	115618.	6963.	9.48	0.0230	1437.	59.	0.12
MILE 349.00	594.89	316879.	2.68	118193.	3846.	9.87	0.0240	1437.	60.	0.09

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Appendix K		Checked	WBB

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.23	231398.	4.46	51839.	18820.	9.96	0.0230	17441.	42.	0.47
MILE 420.49	616.55	259069.	3.29	78807.	9636.	5.70	0.0230	1960.	38.	0.20
MILE 416.28	614.84	269292.	3.62	74326.	8299.	5.56	0.0270	1956.	36.	0.21
MILE 412.08	612.25	276859.	4.78	57959.	5209.	8.89	0.0270	1960.	36.	0.25
MILE 407.88	610.12	283277.	3.98	71159.	7189.	7.24	0.0270	1960.	34.	0.22
MILE 403.67	607.86	287240.	3.64	78855.	4906.	5.62	0.0240	1956.	35.	0.16
MILE 399.47	605.70	294227.	3.50	83966.	19339.	6.80	0.0220	1960.	42.	0.30
MILE 395.26	603.54	297420.	5.70	52169.	19521.	9.65	0.0220	1956.	45.	0.61
MILE 391.06	601.77	301654.	4.83	62472.	2799.	8.31	0.0220	1681.	35.	0.18
MILE 386.85	600.54	303544.	3.81	79686.	5349.	7.06	0.0210	1403.	41.	0.17
MILE 382.64	599.51	305344.	3.10	98576.	13099.	7.06	0.0210	1400.	36.	0.20
MILE 378.44	598.50	307668.	3.78	81390.	15296.	6.27	0.0210	1400.	42.	0.29
MILE 374.23	597.86	309984.	2.54	121955.	14687.	7.15	0.0210	1403.	39.	0.16
MILE 370.03	597.37	311907.	2.42	128807.	8514.	7.59	0.0210	1403.	47.	0.11
MILE 365.82	596.60	313154.	2.21	141480.	7936.	7.28	0.0210	1400.	43.	0.09
MILE 361.62	596.17	313757.	2.53	123919.	13187.	8.21	0.0210	1403.	51.	0.15
MILE 357.41	595.85	314876.	2.14	147440.	25119.	7.93	0.0210	1400.	59.	0.16
MILE 353.21	595.60	317269.	2.74	115603.	6963.	9.48	0.0230	1403.	59.	0.12
MILE 349.00	594.86	319229.	2.70	118079.	3845.	9.86	0.0240	1403.	60.	0.09

ODATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.11	231441.	4.49	51578.	18730.	9.95	0.0230	16996.	42.	0.48
MILE 420.49	616.43	257104.	3.30	77988.	9588.	5.69	0.0230	1915.	37.	0.20
MILE 416.28	614.73	266215.	3.62	73493.	8262.	5.57	0.0270	1910.	36.	0.21
MILE 412.08	612.14	273553.	4.74	57655.	5189.	8.88	0.0270	1915.	36.	0.25
MILE 407.88	610.03	280208.	3.96	70771.	7157.	7.25	0.0270	1915.	34.	0.22
MILE 403.67	607.80	284368.	3.63	78379.	4889.	5.62	0.0240	1910.	34.	0.16
MILE 399.47	605.66	292553.	3.49	83791.	19291.	6.79	0.0220	1915.	42.	0.30
MILE 395.26	603.51	296018.	5.68	52112.	19496.	9.65	0.0220	1910.	45.	0.61
MILE 391.06	601.75	300757.	4.82	62417.	2798.	8.30	0.0220	1646.	35.	0.18
MILE 386.85	600.53	302745.	3.80	79630.	5349.	7.06	0.0210	1378.	41.	0.17
MILE 382.64	599.50	304618.	3.09	98524.	13091.	7.06	0.0210	1375.	36.	0.20
MILE 378.44	598.50	307058.	3.77	81353.	15290.	6.27	0.0210	1375.	42.	0.29
MILE 374.23	597.86	308851.	2.53	121932.	14687.	7.15	0.0210	1378.	39.	0.15
MILE 370.03	597.37	310421.	2.41	128803.	8514.	7.59	0.0210	1378.	47.	0.11
MILE 365.82	596.60	312135.	2.21	141489.	7936.	7.28	0.0210	1375.	43.	0.09
MILE 361.62	596.17	314343.	2.54	123907.	13186.	8.21	0.0210	1378.	51.	0.15
MILE 357.41	595.84	316285.	2.15	147402.	25115.	7.93	0.0210	1375.	59.	0.16
MILE 353.21	595.59	318256.	2.75	115591.	6962.	9.48	0.0230	1378.	59.	0.12
MILE 349.00	594.86	319786.	2.71	118079.	3845.	9.86	0.0240	1378.	60.	0.09

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	618.01	231617.	4.51	51358.	18654.	9.94	0.0230	16725.	42.	0.48
MILE 420.49	616.32	255745.	3.31	77293.	9547.	5.69	0.0230	1869.	37.	0.20
MILE 416.28	614.63	263963.	3.63	72769.	8229.	5.58	0.0270	1864.	35.	0.21
MILE 412.08	612.03	270836.	4.72	57363.	5169.	8.88	0.0270	1869.	35.	0.25
MILE 407.88	609.95	277202.	3.94	70318.	7125.	7.25	0.0270	1869.	34.	0.22
MILE 403.67	607.73	281519.	3.62	77854.	4870.	5.63	0.0240	1864.	34.	0.16
MILE 399.47	605.61	290596.	3.48	83575.	19232.	6.79	0.0220	1869.	42.	0.29
MILE 395.26	603.49	294281.	5.66	52039.	19464.	9.65	0.0220	1864.	45.	0.61
MILE 391.06	601.73	299601.	4.81	62345.	2797.	8.30	0.0220	1611.	35.	0.18
MILE 386.85	600.51	301670.	3.79	79556.	5348.	7.05	0.0210	1354.	41.	0.17
MILE 382.64	599.48	303571.	3.08	98460.	13081.	7.06	0.0210	1350.	36.	0.20
MILE 378.44	598.49	306069.	3.76	81313.	15283.	6.27	0.0210	1350.	42.	0.29
MILE 374.23	597.85	308369.	2.53	121894.	14685.	7.15	0.0210	1354.	39.	0.15
MILE 370.03	597.36	310580.	2.41	128762.	8513.	7.59	0.0210	1354.	47.	0.11
MILE 365.82	596.60	312308.	2.21	141437.	7935.	7.28	0.0210	1350.	43.	0.09
MILE 361.62	596.16	314115.	2.54	123879.	13185.	8.21	0.0210	1354.	51.	0.15
MILE 357.41	595.84	315721.	2.14	147381.	25113.	7.93	0.0210	1350.	59.	0.16
MILE 353.21	595.59	317009.	2.74	115594.	6962.	9.48	0.0230	1354.	59.	0.12
MILE 349.00	594.87	318165.	2.69	118117.	3846.	9.86	0.0240	1353.	60.	0.09

0DATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.92	231988.	4.53	51173.	18589.	9.94	0.0230	16454.	42.	0.48
MILE 420.49	616.23	254836.	3.32	76699.	9511.	5.68	0.0230	1823.	37.	0.21
MILE 416.28	614.55	262209.	3.63	72140.	8200.	5.58	0.0270	1819.	35.	0.22
MILE 412.08	611.93	268547.	4.70	57094.	5151.	8.87	0.0270	1823.	35.	0.25
MILE 407.88	609.86	274630.	3.93	69850.	7094.	7.25	0.0270	1823.	34.	0.22
MILE 403.67	607.66	278872.	3.61	77322.	4851.	5.64	0.0240	1819.	34.	0.16
MILE 399.47	605.56	288511.	3.46	83329.	19164.	6.79	0.0220	1823.	41.	0.29
MILE 395.26	603.45	292361.	5.63	51949.	19424.	9.65	0.0220	1819.	45.	0.61
MILE 391.06	601.70	298161.	4.79	62257.	2796.	8.30	0.0220	1575.	35.	0.18
MILE 386.85	600.49	300343.	3.78	79467.	5347.	7.05	0.0210	1329.	41.	0.17
MILE 382.64	599.47	302359.	3.07	98379.	13068.	7.05	0.0210	1326.	36.	0.20
MILE 378.44	598.48	305224.	3.76	81253.	15273.	6.27	0.0210	1326.	42.	0.29
MILE 374.23	597.84	307782.	2.53	121833.	14683.	7.15	0.0210	1329.	39.	0.15
MILE 370.03	597.35	309973.	2.41	128715.	8513.	7.58	0.0210	1329.	47.	0.11
MILE 365.82	596.59	311616.	2.20	141403.	7935.	7.28	0.0210	1326.	43.	0.09

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MILE 361.62	596.16	313342.	2.53	123862.	13184.	8.20	0.0210	1329.	51.	0.15
MILE 357.41	595.83	315595.	2.14	147341.	25110.	7.93	0.0210	1326.	59.	0.16
MILE 353.21	595.58	319944.	2.77	115521.	6960.	9.47	0.0230	1329.	59.	0.12
MILE 349.00	594.82	322556.	2.74	117927.	3844.	9.85	0.0240	1329.	60.	0.09

0DATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.84	231791.	4.55	50996.	18527.	9.93	0.0230	16069.	42.	0.48
MILE 420.49	616.15	253788.	3.33	76164.	9479.	5.67	0.0230	1781.	37.	0.21
MILE 416.28	614.47	260715.	3.64	71587.	8175.	5.59	0.0270	1776.	35.	0.22
MILE 412.08	611.85	266670.	4.69	56850.	5134.	8.87	0.0270	1781.	35.	0.25
MILE 407.88	609.78	272459.	3.93	69410.	7065.	7.26	0.0270	1781.	34.	0.22
MILE 403.67	607.59	276595.	3.60	76799.	4832.	5.65	0.0240	1776.	34.	0.16
MILE 399.47	605.51	286449.	3.45	83065.	19091.	6.79	0.0220	1781.	41.	0.29
MILE 395.26	603.41	290385.	5.60	51846.	19379.	9.65	0.0220	1776.	45.	0.60
MILE 391.06	601.67	296590.	4.77	62156.	2794.	8.29	0.0220	1540.	35.	0.18
MILE 386.85	600.47	298869.	3.77	79359.	5346.	7.04	0.0210	1301.	41.	0.17
MILE 382.64	599.45	300974.	3.06	98277.	13052.	7.05	0.0210	1297.	36.	0.20
MILE 378.44	598.46	304069.	3.75	81177.	15261.	6.26	0.0210	1297.	42.	0.29
MILE 374.23	597.83	306722.	2.52	121762.	14680.	7.14	0.0210	1301.	39.	0.15
MILE 370.03	597.34	309264.	2.40	128651.	8511.	7.58	0.0210	1301.	47.	0.11
MILE 365.82	596.58	311507.	2.20	141315.	7934.	7.28	0.0210	1297.	43.	0.09
MILE 361.62	596.14	314595.	2.54	123778.	13181.	8.20	0.0210	1301.	51.	0.15
MILE 357.41	595.82	316875.	2.15	147231.	25099.	7.93	0.0210	1297.	59.	0.16
MILE 353.21	595.57	317959.	2.75	115513.	6960.	9.47	0.0230	1301.	59.	0.12
MILE 349.00	594.85	318779.	2.70	118041.	3845.	9.86	0.0240	1300.	60.	0.09

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.76	232001.	4.56	50839.	18473.	9.93	0.0230	15684.	42.	0.48
MILE 420.49	616.07	253036.	3.34	75685.	9450.	5.67	0.0230	1738.	37.	0.21
MILE 416.28	614.40	259439.	3.65	71091.	8152.	5.60	0.0270	1734.	35.	0.22
MILE 412.08	611.76	265033.	4.68	56625.	5119.	8.86	0.0270	1738.	35.	0.25
MILE 407.88	609.70	270576.	3.92	68994.	7037.	7.26	0.0270	1738.	33.	0.22
MILE 403.67	607.52	274604.	3.60	76290.	4813.	5.67	0.0240	1734.	34.	0.16
MILE 399.47	605.45	284489.	3.44	82793.	19016.	6.79	0.0220	1738.	41.	0.29
MILE 395.26	603.37	288457.	5.58	51734.	19329.	9.65	0.0220	1734.	45.	0.60
MILE 391.06	601.63	294925.	4.75	62043.	2793.	8.28	0.0220	1505.	35.	0.18
MILE 386.85	600.44	297261.	3.75	79235.	5344.	7.04	0.0210	1272.	41.	0.17

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MILE 382.64	599.43	299430.	3.05	98156.	13033.	7.04	0.0210	1269.	36.	0.20
MILE 378.44	598.45	302808.	3.73	81083.	15245.	6.26	0.0210	1269.	42.	0.29
MILE 374.23	597.82	306231.	2.52	121654.	14677.	7.14	0.0210	1272.	39.	0.15
MILE 370.03	597.33	309253.	2.41	128548.	8509.	7.58	0.0210	1272.	47.	0.11
MILE 365.82	596.57	311066.	2.20	141214.	7933.	7.27	0.0210	1269.	43.	0.09
MILE 361.62	596.14	312649.	2.53	123737.	13179.	8.20	0.0210	1272.	51.	0.15
MILE 357.41	595.81	314263.	2.13	147210.	25098.	7.93	0.0210	1269.	59.	0.16
MILE 353.21	595.57	316376.	2.74	115489.	6960.	9.47	0.0230	1272.	59.	0.12
MILE 349.00	594.84	317834.	2.69	118003.	3845.	9.86	0.0240	1272.	60.	0.09

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.70	232562.	4.59	50708.	18427.	9.92	0.0230	15401.	42.	0.49
MILE 420.49	616.00	252610.	3.36	75269.	9425.	5.66	0.0230	1696.	37.	0.21
MILE 416.28	614.34	258433.	3.66	70652.	8131.	5.60	0.0270	1691.	35.	0.22
MILE 412.08	611.69	263654.	4.67	56418.	5105.	8.86	0.0270	1696.	35.	0.25
MILE 407.88	609.63	268934.	3.92	68603.	7010.	7.26	0.0270	1696.	33.	0.22
MILE 403.67	607.45	272839.	3.60	75798.	4794.	5.68	0.0240	1691.	34.	0.16
MILE 399.47	605.39	282642.	3.43	82517.	18939.	6.79	0.0220	1696.	41.	0.29
MILE 395.26	603.32	286601.	5.55	51614.	19275.	9.65	0.0220	1691.	45.	0.60
MILE 391.06	601.60	293227.	4.74	61921.	2791.	8.28	0.0220	1469.	35.	0.18
MILE 386.85	600.41	295628.	3.74	79098.	5343.	7.03	0.0210	1244.	41.	0.17
MILE 382.64	599.40	297892.	3.04	98016.	13010.	7.03	0.0210	1241.	36.	0.20
MILE 378.44	598.43	301556.	3.72	80965.	15226.	6.25	0.0210	1241.	42.	0.28
MILE 374.23	597.80	304737.	2.51	121538.	14672.	7.14	0.0210	1244.	39.	0.15
MILE 370.03	597.31	307374.	2.39	128462.	8507.	7.57	0.0210	1244.	47.	0.11
MILE 365.82	596.56	309318.	2.19	141148.	7932.	7.27	0.0210	1241.	43.	0.09
MILE 361.62	596.13	311461.	2.52	123699.	13178.	8.20	0.0210	1244.	51.	0.14
MILE 357.41	595.81	312591.	2.12	147192.	25096.	7.93	0.0210	1241.	59.	0.15
MILE 353.21	595.58	311667.	2.70	115536.	6961.	9.47	0.0230	1244.	59.	0.12
MILE 349.00	594.89	311689.	2.64	118193.	3846.	9.87	0.0240	1244.	60.	0.08

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.65	232920.	4.60	50584.	18383.	9.92	0.0230	15120.	42.	0.49
MILE 420.49	615.95	252227.	3.37	74914.	9404.	5.66	0.0230	1655.	37.	0.21
MILE 416.28	614.29	257575.	3.67	70244.	8112.	5.61	0.0270	1651.	35.	0.22
MILE 412.08	611.62	262490.	4.67	56226.	5092.	8.85	0.0270	1655.	35.	0.25
MILE 407.88	609.56	267515.	3.92	68236.	6985.	7.26	0.0270	1655.	33.	0.22

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MILE 403.67	607.39	271288.	3.60	75325.	4777.	5.69	0.0240	1651.	34.	0.16
MILE 399.47	605.33	280914.	3.42	82240.	18861.	6.79	0.0220	1655.	41.	0.29
MILE 395.26	603.27	284837.	5.53	51491.	19220.	9.65	0.0220	1651.	45.	0.60
MILE 391.06	601.56	291553.	4.72	61792.	2789.	8.27	0.0220	1439.	35.	0.18
MILE 386.85	600.37	293966.	3.72	78949.	5341.	7.02	0.0210	1224.	41.	0.17
MILE 382.64	599.37	296227.	3.03	97861.	12986.	7.03	0.0210	1221.	36.	0.19
MILE 378.44	598.40	299878.	3.71	80843.	15206.	6.25	0.0210	1221.	42.	0.28
MILE 374.23	597.78	303140.	2.50	121419.	14668.	7.13	0.0210	1224.	39.	0.15
MILE 370.03	597.30	305715.	2.38	128370.	8505.	7.57	0.0210	1224.	47.	0.11
MILE 365.82	596.55	307166.	2.18	141104.	7931.	7.27	0.0210	1221.	43.	0.09
MILE 361.62	596.13	308219.	2.49	123708.	13178.	8.20	0.0210	1224.	51.	0.14
MILE 357.41	595.81	310259.	2.11	147198.	25096.	7.93	0.0210	1221.	59.	0.15
MILE 353.21	595.56	315780.	2.74	115445.	6958.	9.47	0.0230	1224.	59.	0.12
MILE 349.00	594.81	318869.	2.70	117889.	3844.	9.85	0.0240	1224.	60.	0.09

ODATE 5-09-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.59	232882.	4.61	50462.	18341.	9.92	0.0230	14762.	42.	0.49
MILE 420.49	615.90	251628.	3.37	74578.	9383.	5.66	0.0230	1615.	37.	0.21
MILE 416.28	614.23	256766.	3.68	69855.	8093.	5.61	0.0270	1611.	35.	0.22
MILE 412.08	611.55	261455.	4.67	56043.	5079.	8.85	0.0270	1615.	35.	0.25
MILE 407.88	609.49	266254.	3.92	67888.	6962.	7.27	0.0270	1615.	33.	0.22
MILE 403.67	607.33	269903.	3.60	74872.	4760.	5.70	0.0240	1611.	34.	0.16
MILE 399.47	605.27	279306.	3.41	81967.	18785.	6.79	0.0220	1615.	41.	0.29
MILE 395.26	603.23	283167.	5.51	51365.	19164.	9.65	0.0220	1611.	45.	0.59
MILE 391.06	601.51	289850.	4.70	61660.	2787.	8.27	0.0220	1409.	35.	0.18
MILE 386.85	600.34	292254.	3.71	78796.	5339.	7.01	0.0210	1204.	41.	0.17
MILE 382.64	599.34	294507.	3.01	97702.	12960.	7.02	0.0210	1201.	36.	0.19
MILE 378.44	598.38	298127.	3.69	80717.	15185.	6.24	0.0210	1201.	42.	0.28
MILE 374.23	597.76	300973.	2.48	121306.	14664.	7.13	0.0210	1204.	39.	0.15
MILE 370.03	597.29	303631.	2.37	128283.	8504.	7.57	0.0210	1204.	47.	0.11
MILE 365.82	596.54	306131.	2.17	141004.	7930.	7.27	0.0210	1201.	43.	0.09
MILE 361.62	596.11	309929.	2.51	123601.	13174.	8.19	0.0210	1204.	51.	0.14
MILE 357.41	595.79	312272.	2.12	147056.	25083.	7.93	0.0210	1201.	59.	0.15
MILE 353.21	595.56	312209.	2.70	115461.	6959.	9.47	0.0230	1204.	59.	0.12
MILE 349.00	594.87	312300.	2.64	118117.	3846.	9.86	0.0240	1204.	60.	0.08

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	617.57	235885.	4.68	50428.	18329.	9.92	0.0230	14403.	42.	0.50
MILE 420.49	615.86	252722.	3.40	74370.	9371.	5.65	0.0230	1575.	37.	0.21
MILE 416.28	614.19	256549.	3.69	69529.	8078.	5.62	0.0270	1571.	35.	0.22
MILE 412.08	611.49	260627.	4.66	55873.	5068.	8.85	0.0270	1575.	35.	0.25
MILE 407.88	609.43	265127.	3.92	67555.	6939.	7.27	0.0270	1575.	33.	0.22
MILE 403.67	607.27	268642.	3.61	74434.	4743.	5.71	0.0240	1571.	34.	0.16
MILE 399.47	605.21	277789.	3.40	81697.	18709.	6.79	0.0220	1575.	41.	0.29
MILE 395.26	603.18	281570.	5.50	51238.	19107.	9.65	0.0220	1571.	45.	0.59
MILE 391.06	601.47	288148.	4.68	61527.	2785.	8.26	0.0220	1379.	35.	0.18
MILE 386.85	600.30	290509.	3.69	78640.	5338.	7.00	0.0210	1184.	41.	0.17
MILE 382.64	599.31	292720.	3.00	97539.	12934.	7.01	0.0210	1181.	36.	0.19
MILE 378.44	598.36	296371.	3.68	80587.	15164.	6.24	0.0210	1181.	42.	0.28
MILE 374.23	597.74	300289.	2.48	121158.	14658.	7.12	0.0210	1184.	39.	0.15
MILE 370.03	597.26	303703.	2.37	128140.	8501.	7.56	0.0210	1184.	47.	0.11
MILE 365.82	596.52	305405.	2.17	140872.	7928.	7.26	0.0210	1181.	43.	0.09
MILE 361.62	596.10	306532.	2.48	123563.	13172.	8.19	0.0210	1184.	51.	0.14
MILE 357.41	595.79	308053.	2.09	147054.	25083.	7.93	0.0210	1181.	59.	0.15
MILE 353.21	595.55	310987.	2.69	115419.	6958.	9.47	0.0230	1184.	59.	0.12
MILE 349.00	594.84	312750.	2.65	118003.	3845.	9.86	0.0240	1184.	60.	0.08

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.52	234379.	4.66	50313.	18288.	9.91	0.0230	14088.	42.	0.49
MILE 420.49	615.82	251683.	3.40	74113.	9355.	5.65	0.0230	1538.	37.	0.21
MILE 416.28	614.15	256122.	3.70	69261.	8065.	5.62	0.0270	1535.	35.	0.22
MILE 412.08	611.43	260151.	4.67	55729.	5058.	8.84	0.0270	1538.	35.	0.25
MILE 407.88	609.37	264320.	3.93	67255.	6918.	7.27	0.0270	1538.	33.	0.22
MILE 403.67	607.21	267622.	3.62	74022.	4727.	5.72	0.0240	1535.	34.	0.16
MILE 399.47	605.15	276367.	3.39	81433.	18634.	6.79	0.0220	1538.	41.	0.29
MILE 395.26	603.13	280035.	5.48	51111.	19051.	9.65	0.0220	1535.	45.	0.59
MILE 391.06	601.43	286478.	4.67	61394.	2784.	8.25	0.0220	1350.	35.	0.18
MILE 386.85	600.26	288853.	3.68	78483.	5336.	6.99	0.0210	1162.	41.	0.17
MILE 382.64	599.28	291131.	2.99	97369.	12907.	7.00	0.0210	1159.	36.	0.19
MILE 378.44	598.33	295002.	3.67	80437.	15139.	6.23	0.0210	1159.	42.	0.28
MILE 374.23	597.72	298278.	2.46	121011.	14653.	7.12	0.0210	1162.	39.	0.15
MILE 370.03	597.25	300964.	2.35	128036.	8499.	7.56	0.0210	1162.	47.	0.11
MILE 365.82	596.51	303079.	2.15	140794.	7927.	7.26	0.0210	1159.	43.	0.09
MILE 361.62	596.09	305913.	2.48	123498.	13169.	8.19	0.0210	1162.	50.	0.14
MILE 357.41	595.78	308325.	2.10	146953.	25074.	7.93	0.0210	1159.	59.	0.15
MILE 353.21	595.54	311180.	2.70	115369.	6956.	9.46	0.0230	1162.	59.	0.12
MILE 349.00	594.83	312774.	2.65	117965.	3844.	9.85	0.0240	1162.	60.	0.08

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.47	234480.	4.67	50220.	18256.	9.91	0.0230	13772.	41.	0.50
MILE 420.49	615.78	251306.	3.40	73861.	9339.	5.65	0.0230	1501.	37.	0.21
MILE 416.28	614.11	255517.	3.71	68963.	8051.	5.63	0.0270	1498.	35.	0.22
MILE 412.08	611.38	259425.	4.67	55584.	5048.	8.84	0.0270	1501.	35.	0.25
MILE 407.88	609.32	263508.	3.93	66973.	6899.	7.27	0.0270	1501.	33.	0.22
MILE 403.67	607.16	266728.	3.62	73636.	4712.	5.73	0.0240	1498.	34.	0.16
MILE 399.47	605.10	275085.	3.39	81179.	18563.	6.79	0.0220	1501.	41.	0.29
MILE 395.26	603.08	278635.	5.46	50987.	18995.	9.64	0.0220	1498.	45.	0.59
MILE 391.06	601.39	284942.	4.65	61260.	2782.	8.24	0.0220	1320.	35.	0.17
MILE 386.85	600.23	287262.	3.67	78321.	5334.	6.99	0.0210	1140.	41.	0.17
MILE 382.64	599.25	289464.	2.98	97193.	12879.	7.00	0.0210	1138.	36.	0.19
MILE 378.44	598.30	293137.	3.65	80294.	15115.	6.23	0.0210	1138.	42.	0.28
MILE 374.23	597.69	296721.	2.46	120863.	14648.	7.11	0.0210	1140.	39.	0.15
MILE 370.03	597.22	300019.	2.35	127897.	8496.	7.55	0.0210	1140.	47.	0.11
MILE 365.82	596.49	302221.	2.15	140646.	7926.	7.25	0.0210	1138.	43.	0.09
MILE 361.62	596.07	304925.	2.47	123403.	13166.	8.19	0.0210	1140.	50.	0.14
MILE 357.41	595.76	307516.	2.09	146837.	25063.	7.93	0.0210	1138.	59.	0.15
MILE 353.21	595.52	311102.	2.70	115299.	6955.	9.46	0.0230	1140.	59.	0.12
MILE 349.00	594.81	312894.	2.65	117889.	3844.	9.85	0.0240	1140.	60.	0.08

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.43	234622.	4.68	50137.	18226.	9.91	0.0230	13550.	41.	0.50
MILE 420.49	615.74	250989.	3.41	73622.	9325.	5.65	0.0230	1464.	37.	0.21
MILE 416.28	614.07	254998.	3.71	68680.	8037.	5.63	0.0270	1461.	35.	0.22
MILE 412.08	611.33	258759.	4.67	55443.	5038.	8.84	0.0270	1464.	35.	0.25
MILE 407.88	609.27	262704.	3.94	66696.	6880.	7.28	0.0270	1464.	33.	0.22
MILE 403.67	607.11	265823.	3.63	73260.	4698.	5.74	0.0240	1461.	34.	0.16
MILE 399.47	605.04	273882.	3.38	80933.	18493.	6.79	0.0220	1464.	41.	0.29
MILE 395.26	603.03	277328.	5.45	50865.	18940.	9.64	0.0220	1461.	45.	0.59
MILE 391.06	601.35	283422.	4.64	61129.	2780.	8.24	0.0220	1291.	35.	0.17
MILE 386.85	600.19	285695.	3.66	78161.	5332.	6.98	0.0210	1119.	41.	0.17
MILE 382.64	599.21	287885.	2.97	97018.	12851.	6.99	0.0210	1116.	36.	0.19
MILE 378.44	598.27	291657.	3.64	80141.	15090.	6.22	0.0210	1116.	42.	0.28
MILE 374.23	597.67	295445.	2.45	120694.	14641.	7.11	0.0210	1119.	39.	0.15
MILE 370.03	597.20	298870.	2.34	127748.	8493.	7.55	0.0210	1119.	47.	0.11
MILE 365.82	596.46	301219.	2.14	140485.	7924.	7.25	0.0210	1116.	43.	0.09
MILE 361.62	596.05	304443.	2.47	123283.	13161.	8.18	0.0210	1119.	50.	0.14
MILE 357.41	595.73	308350.	2.10	146640.	25045.	7.92	0.0210	1116.	59.	0.15
MILE 353.21	595.48	316065.	2.75	115120.	6950.	9.45	0.0230	1119.	59.	0.12

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MILE 349.00 594.72 319676. 2.72 117546. 3841. 9.83 0.0240 1118. 60. 0.09

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TIME 16.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	617.40	234567.	4.69	50054.	18197.	9.90	0.0230	13333. 41. 0.50
MILE 420.49	615.71	250619.	3.41	73393.	9310.	5.64	0.0230	1433. 37. 0.21
MILE 416.28	614.03	254508.	3.72	68411.	8024.	5.64	0.0270	1429. 35. 0.22
MILE 412.08	611.28	258137.	4.67	55308.	5029.	8.83	0.0270	1433. 35. 0.25
MILE 407.88	609.22	261941.	3.94	66428.	6861.	7.28	0.0270	1433. 33. 0.22
MILE 403.67	607.05	264960.	3.63	72897.	4684.	5.75	0.0240	1429. 34. 0.16
MILE 399.47	604.99	272685.	3.38	80682.	18425.	6.79	0.0220	1433. 41. 0.28
MILE 395.26	602.98	276067.	5.44	50745.	18886.	9.64	0.0220	1429. 44. 0.58
MILE 391.06	601.31	281994.	4.62	60999.	2778.	8.23	0.0220	1266. 35. 0.17
MILE 386.85	600.15	284238.	3.64	78001.	5330.	6.97	0.0210	1101. 41. 0.17
MILE 382.64	599.18	286417.	2.96	96838.	12822.	6.98	0.0210	1098. 36. 0.19
MILE 378.44	598.24	290221.	3.63	79980.	15063.	6.21	0.0210	1098. 42. 0.28
MILE 374.23	597.64	294267.	2.44	120512.	14635.	7.10	0.0210	1101. 39. 0.15
MILE 370.03	597.17	298365.	2.34	127564.	8489.	7.54	0.0210	1101. 47. 0.11
MILE 365.82	596.43	301549.	2.15	140229.	7920.	7.24	0.0210	1098. 43. 0.09
MILE 361.62	596.01	306535.	2.49	123061.	13152.	8.17	0.0210	1101. 50. 0.14
MILE 357.41	595.69	310673.	2.12	146334.	25016.	7.92	0.0210	1098. 59. 0.15
MILE 353.21	595.45	314886.	2.74	115001.	6947.	9.45	0.0230	1101. 59. 0.12
MILE 349.00	594.72	316528.	2.69	117546.	3841.	9.83	0.0240	1100. 60. 0.09

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TIME 17.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	617.36	234719.	4.70	49979.	18170.	9.90	0.0230	13080. 41. 0.50
MILE 420.49	615.67	250358.	3.42	73179.	9297.	5.64	0.0230	1401. 37. 0.21
MILE 416.28	613.99	254060.	3.73	68154.	8012.	5.64	0.0270	1398. 35. 0.23
MILE 412.08	611.23	257542.	4.67	55177.	5020.	8.83	0.0270	1401. 35. 0.25
MILE 407.88	609.17	261206.	3.95	66168.	6844.	7.28	0.0270	1401. 33. 0.22
MILE 403.67	607.01	264120.	3.64	72547.	4670.	5.76	0.0240	1398. 34. 0.16
MILE 399.47	604.94	271513.	3.38	80381.	18359.	6.79	0.0220	1401. 41. 0.28
MILE 395.26	602.94	274795.	5.43	50628.	18833.	9.64	0.0220	1398. 44. 0.58
MILE 391.06	601.27	280631.	4.61	60869.	2776.	8.22	0.0220	1241. 35. 0.17
MILE 386.85	600.11	282858.	3.63	77839.	5329.	6.96	0.0210	1082. 41. 0.17
MILE 382.64	599.14	285055.	2.95	96652.	12793.	6.97	0.0210	1080. 36. 0.19
MILE 378.44	598.21	289075.	3.62	79803.	15034.	6.20	0.0210	1080. 42. 0.28
MILE 374.23	597.60	294082.	2.44	120286.	14627.	7.09	0.0210	1082. 39. 0.15

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MILE 370.03	597.13	298825.	2.35	127332.	8484.	7.53	0.0210	1082.	47.	0.11
MILE 365.82	596.39	301568.	2.15	139946.	7917.	7.23	0.0210	1080.	43.	0.09
MILE 361.62	595.98	304842.	2.48	122881.	13144.	8.16	0.0210	1082.	50.	0.14
MILE 357.41	595.66	307898.	2.11	146134.	24998.	7.92	0.0210	1080.	59.	0.15
MILE 353.21	595.42	311873.	2.71	114892.	6944.	9.44	0.0230	1082.	59.	0.12
MILE 349.00	594.70	313593.	2.67	117470.	3841.	9.83	0.0240	1082.	60.	0.09

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.33	235095.	4.71	49914.	18148.	9.90	0.0230	12827.	41.	0.50
MILE 420.49	615.64	250234.	3.43	72986.	9285.	5.64	0.0230	1369.	37.	0.22
MILE 416.28	613.96	253694.	3.74	67916.	8000.	5.65	0.0270	1366.	35.	0.23
MILE 412.08	611.18	257000.	4.67	55052.	5011.	8.83	0.0270	1369.	35.	0.25
MILE 407.88	609.12	260514.	3.95	65919.	6826.	7.28	0.0270	1369.	33.	0.22
MILE 403.67	606.96	263332.	3.65	72213.	4657.	5.77	0.0240	1366.	34.	0.16
MILE 399.47	604.89	270432.	3.38	80087.	18294.	6.79	0.0220	1369.	41.	0.28
MILE 395.26	602.89	273627.	5.42	50514.	18782.	9.64	0.0220	1366.	44.	0.58
MILE 391.06	601.23	279371.	4.60	60740.	2774.	8.22	0.0220	1216.	35.	0.17
MILE 386.85	600.07	281622.	3.63	77673.	5327.	6.95	0.0210	1064.	41.	0.17
MILE 382.64	599.11	283893.	2.94	96454.	12761.	6.96	0.0210	1062.	36.	0.19
MILE 378.44	598.17	288151.	3.62	79606.	15002.	6.20	0.0210	1062.	42.	0.28
MILE 374.23	597.57	292832.	2.44	120056.	14618.	7.08	0.0210	1064.	39.	0.15
MILE 370.03	597.10	296982.	2.34	127126.	8480.	7.52	0.0210	1064.	47.	0.11
MILE 365.82	596.36	299640.	2.14	139727.	7914.	7.23	0.0210	1062.	43.	0.09
MILE 361.62	595.95	303110.	2.47	122729.	13138.	8.16	0.0210	1064.	50.	0.14
MILE 357.41	595.63	306286.	2.10	145937.	24979.	7.92	0.0210	1062.	59.	0.15
MILE 353.21	595.39	310747.	2.71	114776.	6941.	9.43	0.0230	1064.	58.	0.12
MILE 349.00	594.67	312738.	2.66	117356.	3840.	9.82	0.0240	1064.	60.	0.08

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.30	235466.	4.72	49856.	18127.	9.90	0.0230	12579.	41.	0.50
MILE 420.49	615.61	250149.	3.44	72812.	9275.	5.64	0.0230	1335.	37.	0.22
MILE 416.28	613.92	253402.	3.74	67700.	7990.	5.65	0.0270	1332.	35.	0.23
MILE 412.08	611.14	256545.	4.67	54936.	5003.	8.83	0.0270	1335.	35.	0.25
MILE 407.88	609.07	259901.	3.96	65686.	6810.	7.29	0.0270	1335.	33.	0.22
MILE 403.67	606.91	262607.	3.65	71904.	4645.	5.78	0.0240	1332.	34.	0.16
MILE 399.47	604.84	269454.	3.38	79797.	18230.	6.79	0.0220	1335.	41.	0.28
MILE 395.26	602.85	272560.	5.41	50401.	18731.	9.64	0.0220	1332.	44.	0.58

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MILE 391.06	601.18	278236.	4.59	60608.	2773.	8.21	0.0220	1190.	35.	0.17
MILE 386.85	600.03	280461.	3.62	77501.	5325.	6.94	0.0210	1047.	41.	0.17
MILE 382.64	599.07	282688.	2.94	96249.	12728.	6.95	0.0210	1044.	36.	0.19
MILE 378.44	598.14	286789.	3.61	79413.	14970.	6.19	0.0210	1044.	42.	0.28
MILE 374.23	597.53	291271.	2.43	119836.	14610.	7.08	0.0210	1047.	39.	0.15
MILE 370.03	597.07	295423.	2.33	126921.	8476.	7.52	0.0210	1047.	47.	0.11
MILE 365.82	596.33	298145.	2.14	139495.	7911.	7.22	0.0210	1044.	43.	0.09
MILE 361.62	595.92	301766.	2.46	122567.	13131.	8.15	0.0210	1047.	50.	0.14
MILE 357.41	595.60	304716.	2.09	145743.	24961.	7.91	0.0210	1044.	59.	0.15
MILE 353.21	595.37	307808.	2.68	114695.	6939.	9.43	0.0230	1047.	58.	0.12
MILE 349.00	594.67	309085.	2.63	117356.	3840.	9.82	0.0240	1046.	60.	0.08

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.27	235657.	4.73	49798.	18106.	9.90	0.0230	12331.	41.	0.50
MILE 420.49	615.59	250002.	3.44	72649.	9264.	5.64	0.0230	1301.	37.	0.22
MILE 416.28	613.90	253135.	3.75	67501.	7980.	5.65	0.0270	1298.	35.	0.23
MILE 412.08	611.10	256142.	4.67	54827.	4996.	8.82	0.0270	1301.	34.	0.25
MILE 407.88	609.03	259352.	3.96	65467.	6795.	7.29	0.0270	1301.	33.	0.22
MILE 403.67	606.87	261959.	3.66	71609.	4633.	5.79	0.0240	1298.	34.	0.16
MILE 399.47	604.79	268556.	3.38	79515.	18167.	6.79	0.0220	1301.	41.	0.28
MILE 395.26	602.81	271576.	5.40	50289.	18680.	9.64	0.0220	1298.	44.	0.58
MILE 391.06	601.14	277102.	4.58	60478.	2771.	8.20	0.0220	1164.	35.	0.17
MILE 386.85	600.00	279276.	3.61	77331.	5323.	6.93	0.0210	1029.	41.	0.17
MILE 382.64	599.03	281454.	2.93	96046.	12696.	6.94	0.0210	1026.	36.	0.19
MILE 378.44	598.10	285478.	3.60	79221.	14938.	6.18	0.0210	1026.	42.	0.28
MILE 374.23	597.50	289983.	2.42	119614.	14602.	7.07	0.0210	1029.	39.	0.15
MILE 370.03	597.03	294041.	2.32	126716.	8471.	7.51	0.0210	1029.	47.	0.11
MILE 365.82	596.30	296472.	2.13	139281.	7909.	7.21	0.0210	1026.	43.	0.09
MILE 361.62	595.89	299382.	2.45	122434.	13126.	8.14	0.0210	1029.	50.	0.14
MILE 357.41	595.58	302044.	2.07	145593.	24947.	7.91	0.0210	1026.	59.	0.15
MILE 353.21	595.35	305677.	2.67	114607.	6936.	9.42	0.0230	1029.	58.	0.12
MILE 349.00	594.65	307307.	2.62	117280.	3839.	9.82	0.0240	1028.	60.	0.08

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.25	235643.	4.74	49738.	18085.	9.90	0.0230	12135.	41.	0.50
MILE 420.49	615.56	249761.	3.45	72486.	9254.	5.63	0.0230	1267.	37.	0.22
MILE 416.28	613.87	252838.	3.76	67310.	7971.	5.66	0.0270	1264.	35.	0.23

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MILE 412.08	611.06	255753.	4.67	54724.	4989.	8.82	0.0270	1267.	34.	0.25
MILE 407.88	608.99	258846.	3.97	65259.	6780.	7.29	0.0270	1267.	33.	0.23
MILE 403.67	606.83	261364.	3.66	71327.	4622.	5.80	0.0240	1264.	34.	0.16
MILE 399.47	604.74	267714.	3.38	79240.	18106.	6.79	0.0220	1267.	41.	0.28
MILE 395.26	602.76	270641.	5.39	50178.	18629.	9.64	0.0220	1264.	44.	0.58
MILE 391.06	601.10	275994.	4.57	60349.	2769.	8.20	0.0220	1138.	35.	0.17
MILE 386.85	599.96	278125.	3.60	77164.	5321.	6.92	0.0210	1011.	41.	0.17
MILE 382.64	598.99	280265.	2.92	95844.	12664.	6.93	0.0210	1008.	36.	0.19
MILE 378.44	598.07	284191.	3.60	79030.	14907.	6.17	0.0210	1008.	42.	0.28
MILE 374.23	597.46	288363.	2.42	119401.	14594.	7.06	0.0210	1011.	39.	0.15
MILE 370.03	597.00	292108.	2.31	126528.	8468.	7.50	0.0210	1011.	47.	0.11
MILE 365.82	596.27	294552.	2.12	139088.	7906.	7.21	0.0210	1008.	43.	0.09
MILE 361.62	595.87	297708.	2.43	122303.	13120.	8.14	0.0210	1011.	50.	0.14
MILE 357.41	595.56	300257.	2.06	145439.	24933.	7.91	0.0210	1008.	59.	0.15
MILE 353.21	595.33	302917.	2.64	114543.	6935.	9.42	0.0230	1011.	58.	0.11
MILE 349.00	594.65	304096.	2.59	117280.	3839.	9.82	0.0240	1011.	60.	0.08

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.22	235724.	4.74	49681.	18065.	9.89	0.0230	11945.	41.	0.50
MILE 420.49	615.53	249571.	3.45	72329.	9244.	5.63	0.0230	1238.	37.	0.22
MILE 416.28	613.84	252542.	3.76	67123.	7961.	5.66	0.0270	1235.	35.	0.23
MILE 412.08	611.02	255360.	4.67	54624.	4982.	8.82	0.0270	1238.	34.	0.25
MILE 407.88	608.95	258355.	3.97	65059.	6766.	7.29	0.0270	1238.	33.	0.23
MILE 403.67	606.79	260797.	3.67	71054.	4611.	5.80	0.0240	1235.	33.	0.16
MILE 399.47	604.70	266911.	3.38	78974.	18047.	6.79	0.0220	1238.	41.	0.28
MILE 395.26	602.72	269748.	5.39	50070.	18580.	9.64	0.0220	1235.	44.	0.58
MILE 391.06	601.06	274925.	4.57	60223.	2767.	8.19	0.0220	1116.	35.	0.17
MILE 386.85	599.92	276995.	3.60	76999.	5319.	6.91	0.0210	995.	41.	0.17
MILE 382.64	598.95	279066.	2.92	95647.	12632.	6.93	0.0210	993.	36.	0.19
MILE 378.44	598.03	282821.	3.59	78848.	14876.	6.16	0.0210	993.	42.	0.27
MILE 374.23	597.43	286899.	2.41	119196.	14587.	7.05	0.0210	995.	39.	0.15
MILE 370.03	596.97	290558.	2.30	126343.	8464.	7.49	0.0210	995.	47.	0.10
MILE 365.82	596.25	292792.	2.11	138901.	7904.	7.20	0.0210	993.	43.	0.09
MILE 361.62	595.85	295487.	2.42	122189.	13116.	8.13	0.0210	995.	50.	0.14
MILE 357.41	595.54	298111.	2.05	145302.	24920.	7.91	0.0210	993.	59.	0.15
MILE 353.21	595.31	302132.	2.64	114450.	6932.	9.42	0.0230	995.	58.	0.11
MILE 349.00	594.62	303972.	2.59	117166.	3838.	9.81	0.0240	995.	60.	0.08

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.19	235655.	4.75	49621.	18044.	9.89	0.0230	11670.	41.	0.50
MILE 420.49	615.51	249284.	3.45	72173.	9235.	5.63	0.0230	1209.	37.	0.22
MILE 416.28	613.81	252230.	3.77	66942.	7952.	5.66	0.0270	1206.	35.	0.23
MILE 412.08	610.98	254978.	4.68	54528.	4975.	8.82	0.0270	1209.	34.	0.25
MILE 407.88	608.91	257880.	3.98	64864.	6752.	7.30	0.0270	1209.	33.	0.23
MILE 403.67	606.75	260248.	3.68	70789.	4600.	5.81	0.0240	1206.	33.	0.17
MILE 399.47	604.65	266139.	3.38	78715.	17989.	6.79	0.0220	1209.	41.	0.28
MILE 395.26	602.68	268886.	5.38	49964.	18532.	9.64	0.0220	1206.	44.	0.58
MILE 391.06	601.02	273872.	4.56	60099.	2765.	8.18	0.0220	1094.	35.	0.17
MILE 386.85	599.88	275886.	3.59	76839.	5317.	6.90	0.0210	980.	41.	0.17
MILE 382.64	598.92	277902.	2.91	95456.	12602.	6.92	0.0210	977.	36.	0.19
MILE 378.44	598.00	281530.	3.58	78670.	14847.	6.16	0.0210	977.	42.	0.27
MILE 374.23	597.40	285353.	2.40	119000.	14580.	7.05	0.0210	980.	39.	0.15
MILE 370.03	596.94	288868.	2.29	126168.	8460.	7.49	0.0210	980.	47.	0.10
MILE 365.82	596.22	291285.	2.10	138713.	7902.	7.19	0.0210	977.	43.	0.09
MILE 361.62	595.82	294710.	2.41	122048.	13110.	8.13	0.0210	980.	50.	0.14
MILE 357.41	595.51	298310.	2.06	145093.	24901.	7.91	0.0210	977.	59.	0.15
MILE 353.21	595.27	304516.	2.66	114298.	6928.	9.41	0.0230	980.	58.	0.12
MILE 349.00	594.56	307242.	2.63	116937.	3836.	9.80	0.0240	979.	60.	0.08

ODATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	617.09	229854.	4.65	49403.	17966.	9.89	0.0230	11394.	41.	0.49
MILE 420.49	615.45	245852.	3.42	71802.	9212.	5.63	0.0230	1179.	36.	0.22
MILE 416.28	613.77	250850.	3.76	66677.	7939.	5.67	0.0270	1177.	35.	0.23
MILE 412.08	610.94	254311.	4.67	54423.	4968.	8.82	0.0270	1179.	34.	0.25
MILE 407.88	608.88	257359.	3.98	64671.	6739.	7.30	0.0270	1179.	33.	0.23
MILE 403.67	606.71	259701.	3.68	70531.	4590.	5.82	0.0240	1177.	33.	0.17
MILE 399.47	604.61	265388.	3.38	78463.	17933.	6.79	0.0220	1179.	41.	0.28
MILE 395.26	602.64	268048.	5.38	49860.	18485.	9.64	0.0220	1177.	44.	0.58
MILE 391.06	600.99	272851.	4.55	59980.	2764.	8.18	0.0220	1071.	34.	0.17
MILE 386.85	599.84	274805.	3.58	76684.	5315.	6.89	0.0210	964.	41.	0.17
MILE 382.64	598.88	276759.	2.90	95270.	12572.	6.91	0.0210	962.	36.	0.19
MILE 378.44	597.97	280267.	3.57	78498.	14818.	6.15	0.0210	962.	42.	0.27
MILE 374.23	597.37	284262.	2.39	118800.	14572.	7.04	0.0210	964.	39.	0.15
MILE 370.03	596.91	288251.	2.29	125969.	8456.	7.48	0.0210	964.	47.	0.10
MILE 365.82	596.19	291086.	2.10	138459.	7898.	7.19	0.0210	962.	43.	0.09
MILE 361.62	595.78	295259.	2.42	121849.	13102.	8.12	0.0210	964.	50.	0.14
MILE 357.41	595.47	298569.	2.06	144843.	24877.	7.90	0.0210	962.	59.	0.15
MILE 353.21	595.25	301558.	2.64	114209.	6926.	9.40	0.0230	964.	58.	0.11
MILE 349.00	594.57	302658.	2.59	116975.	3837.	9.80	0.0240	964.	60.	0.08

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.88	218796.	4.47	48974.	17814.	9.87	0.0230	11194.	41.	0.47
MILE 420.49	615.32	238968.	3.36	71042.	9164.	5.62	0.0230	1152.	36.	0.21
MILE 416.28	613.69	247412.	3.74	66132.	7912.	5.68	0.0270	1149.	34.	0.23
MILE 412.08	610.88	252448.	4.65	54261.	4956.	8.81	0.0270	1152.	34.	0.25
MILE 407.88	608.83	256276.	3.98	64434.	6722.	7.30	0.0270	1152.	33.	0.23
MILE 403.67	606.67	258851.	3.68	70254.	4578.	5.83	0.0240	1149.	33.	0.17
MILE 399.47	604.57	264597.	3.38	78215.	17877.	6.79	0.0220	1152.	40.	0.29
MILE 395.26	602.60	267215.	5.37	49760.	18439.	9.64	0.0220	1149.	44.	0.58
MILE 391.06	600.95	271858.	4.54	59863.	2762.	8.17	0.0220	1049.	34.	0.17
MILE 386.85	599.81	273774.	3.58	76532.	5314.	6.88	0.0210	948.	41.	0.17
MILE 382.64	598.85	275717.	2.90	95088.	12543.	6.90	0.0210	946.	36.	0.19
MILE 378.44	597.94	279314.	3.57	78319.	14789.	6.14	0.0210	946.	42.	0.27
MILE 374.23	597.34	283773.	2.39	118578.	14564.	7.03	0.0210	948.	39.	0.15
MILE 370.03	596.88	287905.	2.29	125754.	8452.	7.47	0.0210	948.	47.	0.10
MILE 365.82	596.15	290238.	2.10	138218.	7895.	7.18	0.0210	946.	43.	0.09
MILE 361.62	595.75	292971.	2.41	121701.	13096.	8.11	0.0210	948.	50.	0.14
MILE 357.41	595.45	295931.	2.05	144668.	24861.	7.90	0.0210	946.	59.	0.15
MILE 353.21	595.21	301054.	2.64	114076.	6922.	9.40	0.0230	948.	58.	0.11
MILE 349.00	594.52	303314.	2.60	116785.	3835.	9.79	0.0240	948.	60.	0.08

ODATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.76	218211.	4.48	48723.	17723.	9.87	0.0230	10993.	41.	0.48
MILE 420.49	615.21	236844.	3.37	70334.	9119.	5.61	0.0230	1124.	36.	0.21
MILE 416.28	613.58	244201.	3.73	65386.	7875.	5.70	0.0270	1121.	34.	0.23
MILE 412.08	610.79	249510.	4.62	54013.	4939.	8.81	0.0270	1124.	34.	0.25
MILE 407.88	608.76	254187.	3.97	64084.	6697.	7.31	0.0270	1124.	33.	0.23
MILE 403.67	606.62	257198.	3.68	69902.	4564.	5.85	0.0240	1121.	33.	0.17
MILE 399.47	604.52	263555.	3.38	77954.	17818.	6.79	0.0220	1124.	40.	0.28
MILE 395.26	602.56	266258.	5.36	49660.	18394.	9.64	0.0220	1121.	44.	0.58
MILE 391.06	600.91	270915.	4.53	59747.	2761.	8.16	0.0220	1027.	34.	0.17
MILE 386.85	599.77	272839.	3.57	76380.	5312.	6.87	0.0210	932.	41.	0.17
MILE 382.64	598.81	274802.	2.90	94901.	12513.	6.89	0.0210	930.	36.	0.19
MILE 378.44	597.90	278430.	3.56	78134.	14758.	6.13	0.0210	930.	42.	0.27
MILE 374.23	597.30	282411.	2.39	118367.	14556.	7.03	0.0210	932.	39.	0.15
MILE 370.03	596.85	286128.	2.28	125563.	8448.	7.46	0.0210	932.	47.	0.10
MILE 365.82	596.12	288773.	2.09	137999.	7893.	7.17	0.0210	930.	43.	0.09

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MILE 361.62	595.72	292703.	2.41	121526.	13089.	8.11	0.0210	932.	50.	0.14
MILE 357.41	595.41	296380.	2.05	144418.	24838.	7.90	0.0210	930.	59.	0.15
MILE 353.21	595.18	301762.	2.65	113930.	6919.	9.39	0.0230	932.	58.	0.12
MILE 349.00	594.48	304004.	2.61	116633.	3834.	9.78	0.0240	932.	60.	0.08

0DATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.68	219047.	4.51	48545.	17660.	9.86	0.0230	10788.	41.	0.48
MILE 420.49	615.11	235923.	3.38	69768.	9083.	5.61	0.0230	1096.	36.	0.22
MILE 416.28	613.49	242187.	3.74	64742.	7842.	5.71	0.0270	1093.	34.	0.23
MILE 412.08	610.69	247185.	4.60	53750.	4921.	8.80	0.0270	1096.	34.	0.25
MILE 407.88	608.68	251928.	3.96	63658.	6667.	7.31	0.0270	1096.	32.	0.23
MILE 403.67	606.56	255056.	3.67	69468.	4546.	5.86	0.0240	1093.	33.	0.17
MILE 399.47	604.47	262128.	3.38	77658.	17752.	6.79	0.0220	1096.	40.	0.28
MILE 395.26	602.52	264996.	5.35	49556.	18346.	9.64	0.0220	1093.	44.	0.57
MILE 391.06	600.87	269908.	4.53	59625.	2759.	8.16	0.0220	1005.	34.	0.17
MILE 386.85	599.74	271845.	3.57	76223.	5310.	6.86	0.0210	916.	41.	0.17
MILE 382.64	598.78	273777.	2.89	94713.	12483.	6.88	0.0210	913.	36.	0.18
MILE 378.44	597.87	277302.	3.56	77956.	14729.	6.12	0.0210	913.	41.	0.27
MILE 374.23	597.27	281528.	2.38	118154.	14549.	7.02	0.0210	916.	39.	0.15
MILE 370.03	596.81	285706.	2.28	125347.	8443.	7.46	0.0210	916.	47.	0.10
MILE 365.82	596.08	288448.	2.09	137727.	7889.	7.16	0.0210	913.	43.	0.09
MILE 361.62	595.68	292338.	2.41	121326.	13080.	8.10	0.0210	916.	50.	0.14
MILE 357.41	595.37	295954.	2.05	144160.	24813.	7.90	0.0210	913.	59.	0.15
MILE 353.21	595.14	300928.	2.64	113790.	6915.	9.38	0.0230	916.	58.	0.11
MILE 349.00	594.45	302895.	2.60	116519.	3833.	9.78	0.0240	915.	60.	0.08

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.46	208503.	4.34	48089.	17495.	9.85	0.0230	10584.	40.	0.46
MILE 420.49	614.97	229310.	3.33	68884.	9027.	5.60	0.0230	1069.	36.	0.21
MILE 416.28	613.38	238852.	3.73	64049.	7806.	5.73	0.0270	1067.	34.	0.23
MILE 412.08	610.59	244909.	4.58	53485.	4902.	8.80	0.0270	1069.	34.	0.24
MILE 407.88	608.59	249865.	3.95	63223.	6636.	7.32	0.0270	1069.	32.	0.23
MILE 403.67	606.49	253035.	3.67	69009.	4527.	5.88	0.0240	1067.	33.	0.17
MILE 399.47	604.41	260510.	3.37	77328.	17677.	6.79	0.0220	1069.	40.	0.28
MILE 395.26	602.47	263490.	5.33	49443.	18294.	9.64	0.0220	1067.	44.	0.57
MILE 391.06	600.83	268694.	4.52	59495.	2757.	8.15	0.0220	985.	34.	0.17
MILE 386.85	599.70	270695.	3.56	76060.	5308.	6.85	0.0210	902.	41.	0.17

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MILE 382.64	598.74	272686.	2.88	94521.	12453.	6.87	0.0210	899.	36.	0.18
MILE 378.44	597.83	276397.	3.55	77769.	14698.	6.12	0.0210	899.	41.	0.27
MILE 374.23	597.23	280841.	2.38	117925.	14540.	7.01	0.0210	902.	39.	0.15
MILE 370.03	596.78	285079.	2.28	125125.	8439.	7.45	0.0210	902.	47.	0.10
MILE 365.82	596.05	287761.	2.09	137460.	7886.	7.15	0.0210	899.	43.	0.09
MILE 361.62	595.65	291468.	2.41	121133.	13072.	8.09	0.0210	902.	50.	0.14
MILE 357.41	595.34	295035.	2.05	143910.	24790.	7.89	0.0210	899.	59.	0.15
MILE 353.21	595.10	300308.	2.64	113641.	6911.	9.37	0.0230	902.	58.	0.11
MILE 349.00	594.41	302453.	2.60	116367.	3832.	9.77	0.0240	902.	60.	0.08

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.26	203596.	4.27	47675.	17345.	9.84	0.0230	10355.	40.	0.45
MILE 420.49	614.80	225007.	3.32	67850.	8963.	5.61	0.0230	1042.	36.	0.21
MILE 416.28	613.24	234840.	3.72	63126.	7758.	5.76	0.0270	1040.	34.	0.23
MILE 412.08	610.46	241479.	4.54	53154.	4879.	8.79	0.0270	1042.	34.	0.24
MILE 407.88	608.49	247196.	3.94	62727.	6600.	7.32	0.0270	1042.	32.	0.23
MILE 403.67	606.41	250731.	3.66	68510.	4506.	5.90	0.0240	1040.	33.	0.17
MILE 399.47	604.35	258781.	3.36	76974.	17597.	6.79	0.0220	1042.	40.	0.28
MILE 395.26	602.42	261891.	5.31	49321.	18238.	9.64	0.0220	1040.	44.	0.57
MILE 391.06	600.79	267372.	4.50	59357.	2755.	8.14	0.0220	965.	34.	0.17
MILE 386.85	599.66	269446.	3.55	75887.	5306.	6.84	0.0210	888.	41.	0.17
MILE 382.64	598.70	271506.	2.88	94317.	12420.	6.86	0.0210	886.	36.	0.18
MILE 378.44	597.80	275372.	3.55	77573.	14665.	6.11	0.0210	886.	41.	0.27
MILE 374.23	597.20	279843.	2.38	117692.	14532.	7.00	0.0210	888.	39.	0.15
MILE 370.03	596.74	284103.	2.27	124900.	8434.	7.44	0.0210	888.	47.	0.10
MILE 365.82	596.01	286869.	2.09	137189.	7883.	7.14	0.0210	886.	43.	0.09
MILE 361.62	595.61	290789.	2.40	120934.	13064.	8.08	0.0210	888.	50.	0.14
MILE 357.41	595.30	294355.	2.05	143651.	24766.	7.89	0.0210	886.	59.	0.15
MILE 353.21	595.07	299215.	2.64	113500.	6907.	9.36	0.0230	888.	58.	0.11
MILE 349.00	594.38	301132.	2.59	116252.	3831.	9.76	0.0240	888.	60.	0.08

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	616.12	204023.	4.31	47392.	17242.	9.83	0.0230	10127.	40.	0.46
MILE 420.49	614.66	223366.	3.34	66961.	8908.	5.61	0.0230	1016.	36.	0.21
MILE 416.28	613.09	231829.	3.73	62216.	7710.	5.78	0.0270	1013.	34.	0.23
MILE 412.08	610.32	238207.	4.51	52789.	4853.	8.79	0.0270	1016.	34.	0.24
MILE 407.88	608.38	244186.	3.93	62152.	6558.	7.33	0.0270	1016.	32.	0.22

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MILE 403.67	606.33	247940.	3.65	67937.	4482.	5.92	0.0240	1013.	33.	0.17
MILE 399.47	604.28	256779.	3.35	76583.	17508.	6.79	0.0220	1016.	40.	0.28
MILE 395.26	602.37	260092.	5.29	49188.	18177.	9.64	0.0220	1013.	44.	0.57
MILE 391.06	600.74	265937.	4.49	59208.	2753.	8.14	0.0220	944.	34.	0.17
MILE 386.85	599.61	268084.	3.54	75702.	5304.	6.83	0.0210	874.	41.	0.17
MILE 382.64	598.66	270198.	2.87	94102.	12386.	6.85	0.0210	872.	35.	0.18
MILE 378.44	597.76	274191.	3.54	77369.	14631.	6.10	0.0210	872.	41.	0.27
MILE 374.23	597.16	278808.	2.37	117450.	14523.	6.99	0.0210	874.	39.	0.15
MILE 370.03	596.70	283179.	2.27	124667.	8429.	7.43	0.0210	874.	47.	0.10
MILE 365.82	595.97	285886.	2.09	136916.	7879.	7.14	0.0210	872.	43.	0.09
MILE 361.62	595.57	289434.	2.40	120746.	13057.	8.07	0.0210	874.	50.	0.14
MILE 357.41	595.27	291892.	2.03	143450.	24747.	7.89	0.0210	872.	59.	0.15
MILE 353.21	595.06	293167.	2.58	113448.	6906.	9.36	0.0230	874.	58.	0.11
MILE 349.00	594.41	293513.	2.52	116367.	3832.	9.77	0.0240	874.	60.	0.08

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.93	199119.	4.24	47004.	17101.	9.82	0.0230	9910.	40.	0.45
MILE 420.49	614.50	219403.	3.32	66008.	8848.	5.62	0.0230	993.	36.	0.21
MILE 416.28	612.96	228814.	3.73	61365.	7665.	5.81	0.0270	991.	34.	0.23
MILE 412.08	610.18	235409.	4.49	52427.	4827.	8.78	0.0270	993.	34.	0.24
MILE 407.88	608.26	241389.	3.92	61553.	6515.	7.34	0.0270	993.	32.	0.22
MILE 403.67	606.23	245175.	3.64	67324.	4456.	5.95	0.0240	991.	33.	0.17
MILE 399.47	604.20	254563.	3.34	76152.	17409.	6.79	0.0220	993.	40.	0.28
MILE 395.26	602.31	258048.	5.26	49044.	18111.	9.65	0.0220	991.	44.	0.56
MILE 391.06	600.69	264318.	4.48	59048.	2751.	8.13	0.0220	927.	34.	0.17
MILE 386.85	599.57	266562.	3.53	75504.	5302.	6.82	0.0210	860.	40.	0.16
MILE 382.64	598.62	268752.	2.86	93875.	12350.	6.84	0.0210	858.	35.	0.18
MILE 378.44	597.72	272906.	3.54	77156.	14596.	6.09	0.0210	858.	41.	0.27
MILE 374.23	597.12	277495.	2.37	117205.	14514.	6.98	0.0210	860.	39.	0.15
MILE 370.03	596.67	281442.	2.26	124448.	8425.	7.42	0.0210	860.	47.	0.10
MILE 365.82	595.94	283474.	2.07	136711.	7877.	7.13	0.0210	858.	43.	0.09
MILE 361.62	595.56	285446.	2.37	120643.	13052.	8.07	0.0210	860.	50.	0.14
MILE 357.41	595.26	287132.	2.00	143365.	24739.	7.89	0.0210	858.	59.	0.15
MILE 353.21	595.04	289335.	2.55	113394.	6904.	9.36	0.0230	860.	58.	0.11
MILE 349.00	594.40	290358.	2.50	116329.	3832.	9.77	0.0240	860.	60.	0.08

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	615.80	199492.	4.27	46731.	17001.	9.81	0.0230	9693.	40.	0.45
MILE 420.49	614.37	218025.	3.35	65178.	8795.	5.63	0.0230	971.	35.	0.22
MILE 416.28	612.82	226242.	3.74	60505.	7618.	5.84	0.0270	969.	34.	0.23
MILE 412.08	610.04	232496.	4.47	52052.	4800.	8.77	0.0270	971.	33.	0.24
MILE 407.88	608.13	238574.	3.92	60937.	6469.	7.35	0.0270	971.	32.	0.22
MILE 403.67	606.13	242475.	3.64	66690.	4429.	5.98	0.0240	969.	33.	0.17
MILE 399.47	604.12	252278.	3.33	75690.	17303.	6.79	0.0220	971.	40.	0.28
MILE 395.26	602.25	255896.	5.23	48887.	18039.	9.65	0.0220	969.	44.	0.56
MILE 391.06	600.64	262531.	4.46	58874.	2748.	8.12	0.0220	909.	34.	0.17
MILE 386.85	599.52	264860.	3.52	75293.	5299.	6.81	0.0210	847.	40.	0.16
MILE 382.64	598.57	267100.	2.85	93636.	12311.	6.83	0.0210	845.	35.	0.18
MILE 378.44	597.68	271252.	3.53	76943.	14561.	6.08	0.0210	845.	41.	0.27
MILE 374.23	597.09	275136.	2.35	116984.	14506.	6.98	0.0210	847.	39.	0.15
MILE 370.03	596.64	278378.	2.24	124271.	8421.	7.41	0.0210	847.	47.	0.10
MILE 365.82	595.92	280425.	2.05	136563.	7875.	7.12	0.0210	845.	43.	0.09
MILE 361.62	595.54	283014.	2.35	120550.	13048.	8.06	0.0210	847.	50.	0.14
MILE 357.41	595.24	285271.	1.99	143247.	24728.	7.89	0.0210	845.	59.	0.15
MILE 353.21	595.02	288483.	2.55	113321.	6903.	9.36	0.0230	847.	58.	0.11
MILE 349.00	594.38	289915.	2.49	116252.	3831.	9.76	0.0240	847.	60.	0.08

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.68	199860.	4.30	46501.	16916.	9.81	0.0230	9423.	40.	0.46
MILE 420.49	614.25	216921.	3.36	64466.	8750.	5.63	0.0230	949.	35.	0.22
MILE 416.28	612.70	224357.	3.75	59763.	7577.	5.87	0.0270	947.	33.	0.24
MILE 412.08	609.90	230153.	4.45	51702.	4774.	8.76	0.0270	949.	33.	0.24
MILE 407.88	608.01	236018.	3.91	60320.	6424.	7.36	0.0270	949.	32.	0.23
MILE 403.67	606.03	239870.	3.63	66041.	4400.	6.01	0.0240	947.	33.	0.17
MILE 399.47	604.04	249942.	3.32	75203.	17190.	6.79	0.0220	949.	40.	0.28
MILE 395.26	602.18	253666.	5.21	48719.	17961.	9.65	0.0220	947.	44.	0.56
MILE 391.06	600.58	260576.	4.44	58691.	2746.	8.11	0.0220	891.	34.	0.17
MILE 386.85	599.47	262933.	3.50	75071.	5297.	6.80	0.0210	834.	40.	0.16
MILE 382.64	598.53	265149.	2.84	93393.	12273.	6.82	0.0210	832.	35.	0.18
MILE 378.44	597.64	269163.	3.51	76739.	14527.	6.07	0.0210	832.	41.	0.27
MILE 374.23	597.05	272997.	2.34	116773.	14498.	6.97	0.0210	834.	39.	0.15
MILE 370.03	596.61	276462.	2.23	124085.	8417.	7.41	0.0210	834.	47.	0.10
MILE 365.82	595.90	278678.	2.04	136376.	7873.	7.12	0.0210	832.	43.	0.09
MILE 361.62	595.51	281737.	2.34	120421.	13043.	8.06	0.0210	834.	50.	0.14
MILE 357.41	595.22	285025.	1.99	143064.	24710.	7.89	0.0210	832.	59.	0.15
MILE 353.21	594.99	290977.	2.57	113178.	6896.	9.35	0.0230	834.	58.	0.11
MILE 349.00	594.32	293492.	2.53	116024.	3829.	9.75	0.0240	834.	60.	0.08

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.59	200494.	4.33	46307.	16844.	9.80	0.0230	9152.	40.	0.46
MILE 420.49	614.14	216275.	3.39	63854.	8710.	5.64	0.0230	927.	35.	0.22
MILE 416.28	612.59	222898.	3.77	59113.	7540.	5.90	0.0270	925.	33.	0.24
MILE 412.08	609.77	228226.	4.44	51379.	4750.	8.75	0.0270	927.	33.	0.24
MILE 407.88	607.88	233797.	3.91	59729.	6380.	7.38	0.0270	927.	32.	0.23
MILE 403.67	605.93	237552.	3.63	65402.	4372.	6.05	0.0240	925.	33.	0.17
MILE 399.47	603.95	247642.	3.32	74700.	17073.	6.79	0.0220	927.	40.	0.28
MILE 395.26	602.11	251395.	5.18	48542.	17879.	9.65	0.0220	925.	44.	0.55
MILE 391.06	600.52	258436.	4.42	58499.	2743.	8.10	0.0220	874.	34.	0.17
MILE 386.85	599.41	260825.	3.48	74845.	5294.	6.78	0.0210	821.	40.	0.16
MILE 382.64	598.48	263066.	2.82	93148.	12233.	6.81	0.0210	819.	35.	0.18
MILE 378.44	597.60	267180.	3.49	76529.	14492.	6.06	0.0210	819.	41.	0.27
MILE 374.23	597.02	271335.	2.33	116545.	14490.	6.96	0.0210	821.	39.	0.14
MILE 370.03	596.57	275344.	2.22	123873.	8413.	7.40	0.0210	821.	47.	0.10
MILE 365.82	595.86	278109.	2.04	136122.	7869.	7.11	0.0210	819.	43.	0.09
MILE 361.62	595.48	282332.	2.35	120220.	13035.	8.05	0.0210	821.	50.	0.14
MILE 357.41	595.18	286150.	2.00	142791.	24685.	7.88	0.0210	819.	59.	0.15
MILE 353.21	594.95	291272.	2.58	113036.	6885.	9.34	0.0230	821.	58.	0.11
MILE 349.00	594.29	293233.	2.53	115910.	3828.	9.74	0.0240	821.	60.	0.08

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.50	201157.	4.36	46143.	16783.	9.80	0.0230	8913.	40.	0.46
MILE 420.49	614.05	215819.	3.41	63324.	8675.	5.65	0.0230	905.	35.	0.22
MILE 416.28	612.49	221748.	3.79	58526.	7507.	5.92	0.0270	903.	33.	0.24
MILE 412.08	609.66	226722.	4.44	51094.	4729.	8.74	0.0270	905.	33.	0.24
MILE 407.88	607.77	231947.	3.92	59176.	6338.	7.39	0.0270	905.	32.	0.23
MILE 403.67	605.83	235535.	3.64	64787.	4344.	6.08	0.0240	903.	33.	0.17
MILE 399.47	603.85	245434.	3.31	74191.	16955.	6.79	0.0220	905.	40.	0.28
MILE 395.26	602.04	249160.	5.15	48359.	17794.	9.65	0.0220	903.	44.	0.55
MILE 391.06	600.45	256251.	4.40	58302.	2740.	8.09	0.0220	856.	34.	0.17
MILE 386.85	599.36	258677.	3.47	74613.	5292.	6.77	0.0210	808.	40.	0.16
MILE 382.64	598.43	260981.	2.81	92894.	12193.	6.80	0.0210	806.	35.	0.18
MILE 378.44	597.56	265357.	3.48	76304.	14454.	6.05	0.0210	806.	41.	0.27
MILE 374.23	596.98	270245.	2.32	116283.	14480.	6.95	0.0210	808.	38.	0.14
MILE 370.03	596.53	274908.	2.22	123618.	8408.	7.39	0.0210	808.	47.	0.10
MILE 365.82	595.82	277661.	2.04	135823.	7866.	7.10	0.0210	806.	43.	0.09
MILE 361.62	595.44	281047.	2.34	120025.	13027.	8.04	0.0210	808.	50.	0.14
MILE 357.41	595.15	282264.	1.98	142636.	24670.	7.88	0.0210	806.	59.	0.15
MILE 353.21	594.97	278859.	2.47	113093.	6889.	9.34	0.0230	808.	58.	0.11

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MILE 349.00 594.40 277131. 2.38 116329. 3832. 9.77 0.0240 808. 60. 0.08

0DATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.43	201693.	4.38	46002.	16731.	9.79	0.0230	8674.	39.	0.47
MILE 420.49	613.97	215468.	3.43	62849.	8644.	5.65	0.0230	883.	35.	0.22
MILE 416.28	612.40	220874.	3.81	57987.	7476.	5.95	0.0270	881.	33.	0.24
MILE 412.08	609.56	225472.	4.43	50845.	4711.	8.73	0.0270	883.	33.	0.24
MILE 407.88	607.67	230408.	3.93	58680.	6300.	7.40	0.0270	883.	31.	0.23
MILE 403.67	605.73	233847.	3.64	64213.	4318.	6.12	0.0240	881.	32.	0.17
MILE 399.47	603.76	243393.	3.30	73689.	16837.	6.79	0.0220	883.	40.	0.28
MILE 395.26	601.96	247041.	5.13	48172.	17707.	9.65	0.0220	881.	43.	0.55
MILE 391.06	600.39	254123.	4.37	58100.	2737.	8.08	0.0220	839.	34.	0.17
MILE 386.85	599.30	256596.	3.45	74371.	5289.	6.76	0.0210	795.	40.	0.16
MILE 382.64	598.38	258994.	2.80	92623.	12149.	6.78	0.0210	793.	35.	0.18
MILE 378.44	597.52	263662.	3.47	76057.	14413.	6.04	0.0210	793.	41.	0.27
MILE 374.23	596.93	268573.	2.32	116007.	14470.	6.94	0.0210	795.	38.	0.14
MILE 370.03	596.50	272283.	2.21	123393.	8403.	7.38	0.0210	795.	46.	0.10
MILE 365.82	595.80	273444.	2.02	135687.	7864.	7.10	0.0210	793.	43.	0.09
MILE 361.62	595.44	272962.	2.27	120036.	13027.	8.04	0.0210	795.	50.	0.13
MILE 357.41	595.17	271757.	1.90	142778.	24683.	7.88	0.0210	793.	59.	0.14
MILE 353.21	594.99	268516.	2.37	113191.	6897.	9.35	0.0230	795.	58.	0.10
MILE 349.00	594.45	267507.	2.30	116519.	3833.	9.78	0.0240	795.	60.	0.07

0DATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.37	202361.	4.41	45881.	16686.	9.79	0.0230	8484.	39.	0.47
MILE 420.49	613.90	215322.	3.45	62436.	8616.	5.66	0.0230	867.	35.	0.23
MILE 416.28	612.32	220218.	3.83	57512.	7449.	5.97	0.0270	865.	33.	0.24
MILE 412.08	609.46	224463.	4.43	50621.	4694.	8.72	0.0270	867.	33.	0.24
MILE 407.88	607.57	229094.	3.93	58226.	6266.	7.41	0.0270	867.	31.	0.23
MILE 403.67	605.64	232373.	3.65	63679.	4294.	6.15	0.0240	865.	32.	0.17
MILE 399.47	603.67	241535.	3.30	73203.	16722.	6.79	0.0220	867.	40.	0.28
MILE 395.26	601.89	245099.	5.11	47986.	17620.	9.65	0.0220	865.	43.	0.55
MILE 391.06	600.32	252118.	4.35	57894.	2734.	8.07	0.0220	824.	34.	0.17
MILE 386.85	599.24	254588.	3.43	74121.	5286.	6.74	0.0210	782.	40.	0.16
MILE 382.64	598.33	256963.	2.78	92341.	12104.	6.77	0.0210	780.	35.	0.18
MILE 378.44	597.47	261350.	3.45	75818.	14374.	6.03	0.0210	780.	41.	0.26
MILE 374.23	596.90	264394.	2.28	115798.	14462.	6.93	0.0210	782.	38.	0.14

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MILE 370.03	596.48	266054.	2.16	123283.	8401.	7.38	0.0210	782.	46.	0.10
MILE 365.82	595.81	266827.	1.97	135728.	7864.	7.10	0.0210	780.	43.	0.08
MILE 361.62	595.46	266726.	2.22	120125.	13031.	8.05	0.0210	782.	50.	0.13
MILE 357.41	595.20	265534.	1.86	142951.	24700.	7.88	0.0210	780.	59.	0.14
MILE 353.21	595.02	261977.	2.31	113324.	6903.	9.36	0.0230	782.	58.	0.10
MILE 349.00	594.51	260915.	2.23	116747.	3835.	9.79	0.0240	782.	60.	0.07

0DATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.32	203081.	4.44	45777.	16647.	9.79	0.0230	8293.	39.	0.47
MILE 420.49	613.84	215306.	3.47	62077.	8592.	5.66	0.0230	851.	35.	0.23
MILE 416.28	612.25	219740.	3.85	57097.	7424.	5.99	0.0270	849.	33.	0.24
MILE 412.08	609.38	223652.	4.44	50418.	4679.	8.71	0.0270	851.	33.	0.24
MILE 407.88	607.48	227984.	3.94	57808.	6234.	7.42	0.0270	851.	31.	0.23
MILE 403.67	605.56	231104.	3.66	63182.	4270.	6.19	0.0240	849.	32.	0.17
MILE 399.47	603.59	239857.	3.30	72735.	16611.	6.79	0.0220	851.	39.	0.28
MILE 395.26	601.81	243314.	5.09	47802.	17534.	9.65	0.0220	849.	43.	0.54
MILE 391.06	600.26	250119.	4.34	57690.	2731.	8.05	0.0220	810.	34.	0.17
MILE 386.85	599.18	252448.	3.42	73875.	5283.	6.73	0.0210	769.	40.	0.16
MILE 382.64	598.28	254580.	2.76	92076.	12062.	6.76	0.0210	767.	35.	0.18
MILE 378.44	597.43	258182.	3.41	75623.	14341.	6.02	0.0210	767.	41.	0.26
MILE 374.23	596.88	260330.	2.25	115651.	14457.	6.93	0.0210	769.	38.	0.14
MILE 370.03	596.47	261517.	2.12	123206.	8399.	7.37	0.0210	769.	46.	0.10
MILE 365.82	595.81	261967.	1.93	135783.	7865.	7.10	0.0210	767.	43.	0.08
MILE 361.62	595.48	261499.	2.18	120226.	13035.	8.05	0.0210	769.	50.	0.13
MILE 357.41	595.22	260995.	1.82	143120.	24716.	7.89	0.0210	767.	59.	0.13
MILE 353.21	595.04	260493.	2.30	113399.	6905.	9.36	0.0230	769.	58.	0.10
MILE 349.00	594.52	260714.	2.23	116785.	3835.	9.79	0.0240	769.	60.	0.07

0DATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.28	203685.	4.46	45684.	16613.	9.78	0.0230	8131.	39.	0.47
MILE 420.49	613.78	215316.	3.49	61761.	8571.	5.67	0.0230	835.	35.	0.23
MILE 416.28	612.18	219380.	3.87	56730.	7403.	6.01	0.0270	833.	33.	0.25
MILE 412.08	609.31	223003.	4.44	50234.	4665.	8.70	0.0270	835.	33.	0.24
MILE 407.88	607.40	227054.	3.95	57423.	6204.	7.43	0.0270	835.	31.	0.23
MILE 403.67	605.48	230014.	3.67	62719.	4249.	6.22	0.0240	833.	32.	0.17
MILE 399.47	603.51	238311.	3.30	72286.	16505.	6.79	0.0220	835.	39.	0.28
MILE 395.26	601.74	241615.	5.07	47624.	17450.	9.65	0.0220	833.	43.	0.54

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MILE 391.06	600.20	247996.	4.31	57497.	2729.	8.04	0.0220	795.	34.	0.17
MILE 386.85	599.13	250164.	3.40	73648.	5280.	6.71	0.0210	755.	40.	0.16
MILE 382.64	598.24	252107.	2.74	91843.	12025.	6.75	0.0210	754.	35.	0.18
MILE 378.44	597.40	255244.	3.38	75457.	14314.	6.01	0.0210	754.	41.	0.26
MILE 374.23	596.86	256922.	2.22	115530.	14452.	6.92	0.0210	755.	38.	0.14
MILE 370.03	596.46	257966.	2.09	123147.	8398.	7.37	0.0210	755.	46.	0.10
MILE 365.82	595.82	258775.	1.91	135815.	7866.	7.10	0.0210	754.	43.	0.08
MILE 361.62	595.49	259293.	2.16	120277.	13037.	8.05	0.0210	755.	50.	0.13
MILE 357.41	595.24	258381.	1.80	143243.	24727.	7.89	0.0210	754.	59.	0.13
MILE 353.21	595.08	253754.	2.23	113555.	6909.	9.37	0.0230	755.	58.	0.10
MILE 349.00	594.61	252171.	2.15	117128.	3838.	9.81	0.0240	755.	60.	0.07

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.23	204164.	4.48	45598.	16581.	9.78	0.0230	7970.	39.	0.48
MILE 420.49	613.73	215319.	3.50	61477.	8552.	5.67	0.0230	819.	35.	0.23
MILE 416.28	612.12	219090.	3.88	56402.	7384.	6.03	0.0270	817.	33.	0.25
MILE 412.08	609.24	222464.	4.44	50066.	4652.	8.70	0.0270	819.	33.	0.24
MILE 407.88	607.32	226258.	3.96	57067.	6177.	7.44	0.0270	819.	31.	0.23
MILE 403.67	605.41	229061.	3.68	62287.	4228.	6.25	0.0240	817.	32.	0.17
MILE 399.47	603.43	236843.	3.30	71860.	16403.	6.79	0.0220	819.	39.	0.28
MILE 395.26	601.67	239965.	5.06	47453.	17370.	9.65	0.0220	817.	43.	0.54
MILE 391.06	600.14	245889.	4.29	57317.	2726.	8.03	0.0220	781.	34.	0.16
MILE 386.85	599.08	247919.	3.38	73441.	5278.	6.70	0.0210	743.	40.	0.16
MILE 382.64	598.20	249726.	2.73	91633.	11991.	6.74	0.0210	741.	35.	0.17
MILE 378.44	597.38	252603.	3.35	75310.	14289.	6.01	0.0210	741.	41.	0.26
MILE 374.23	596.84	254500.	2.21	115412.	14448.	6.92	0.0210	743.	38.	0.14
MILE 370.03	596.45	255480.	2.08	123084.	8397.	7.37	0.0210	743.	46.	0.10
MILE 365.82	595.83	255442.	1.88	135877.	7866.	7.10	0.0210	741.	43.	0.08
MILE 361.62	595.51	253576.	2.11	120411.	13043.	8.06	0.0210	743.	50.	0.12
MILE 357.41	595.28	250712.	1.75	143534.	24755.	7.89	0.0210	741.	59.	0.13
MILE 353.21	595.14	243596.	2.14	113782.	6915.	9.38	0.0230	743.	58.	0.09
MILE 349.00	594.71	241284.	2.05	117508.	3841.	9.83	0.0240	743.	60.	0.07

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.19	204591.	4.49	45519.	16551.	9.78	0.0230	7767.	39.	0.48
MILE 420.49	613.69	215313.	3.52	61218.	8534.	5.68	0.0230	803.	35.	0.23
MILE 416.28	612.07	218842.	3.90	56104.	7366.	6.04	0.0270	801.	33.	0.25

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MILE 412.08	609.18	221997.	4.45	49911.	4641.	8.69	0.0270	803.	33.	0.24
MILE 407.88	607.25	225556.	3.98	56737.	6151.	7.45	0.0270	803.	31.	0.23
MILE 403.67	605.34	228205.	3.69	61884.	4209.	6.28	0.0240	801.	32.	0.17
MILE 399.47	603.35	235450.	3.29	71458.	16306.	6.79	0.0220	803.	39.	0.28
MILE 395.26	601.60	238386.	5.04	47292.	17294.	9.65	0.0220	801.	43.	0.54
MILE 391.06	600.08	243890.	4.27	57149.	2724.	8.02	0.0220	766.	34.	0.16
MILE 386.85	599.04	245822.	3.36	73248.	5276.	6.69	0.0210	730.	40.	0.16
MILE 382.64	598.16	247551.	2.71	91439.	11960.	6.73	0.0210	728.	35.	0.17
MILE 378.44	597.35	250207.	3.33	75175.	14266.	6.00	0.0210	728.	41.	0.26
MILE 374.23	596.83	251026.	2.18	115335.	14445.	6.92	0.0210	730.	38.	0.14
MILE 370.03	596.45	250504.	2.03	123101.	8397.	7.37	0.0210	730.	46.	0.09
MILE 365.82	595.86	249732.	1.84	136084.	7869.	7.11	0.0210	728.	43.	0.08
MILE 361.62	595.55	247036.	2.05	120640.	13052.	8.07	0.0210	730.	50.	0.12
MILE 357.41	595.33	244665.	1.70	143871.	24786.	7.89	0.0210	728.	59.	0.12
MILE 353.21	595.18	241661.	2.12	113933.	6919.	9.39	0.0230	730.	58.	0.09
MILE 349.00	594.73	241268.	2.05	117584.	3841.	9.83	0.0240	730.	60.	0.07

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.16	205064.	4.51	45447.	16524.	9.78	0.0230	7564.	39.	0.48
MILE 420.49	613.64	215338.	3.53	60982.	8518.	5.68	0.0230	787.	35.	0.23
MILE 416.28	612.02	218629.	3.92	55831.	7349.	6.06	0.0270	785.	33.	0.25
MILE 412.08	609.12	221581.	4.45	49768.	4630.	8.69	0.0270	787.	33.	0.24
MILE 407.88	607.19	224920.	3.99	56428.	6127.	7.46	0.0270	787.	31.	0.23
MILE 403.67	605.27	227421.	3.70	61509.	4190.	6.31	0.0240	785.	32.	0.17
MILE 399.47	603.28	234147.	3.29	71081.	16215.	6.80	0.0220	787.	39.	0.28
MILE 395.26	601.54	236907.	5.03	47141.	17222.	9.65	0.0220	785.	43.	0.54
MILE 391.06	600.03	242027.	4.25	56990.	2721.	8.02	0.0220	752.	34.	0.16
MILE 386.85	599.00	243808.	3.34	73069.	5274.	6.68	0.0210	717.	40.	0.16
MILE 382.64	598.13	245325.	2.69	91267.	11933.	6.72	0.0210	715.	35.	0.17
MILE 378.44	597.33	247298.	3.29	75081.	14251.	6.00	0.0210	715.	41.	0.25
MILE 374.23	596.83	246974.	2.14	115322.	14445.	6.92	0.0210	717.	38.	0.13
MILE 370.03	596.46	246002.	2.00	123159.	8398.	7.37	0.0210	717.	46.	0.09
MILE 365.82	595.88	245863.	1.80	136267.	7871.	7.12	0.0210	715.	43.	0.08
MILE 361.62	595.58	245287.	2.03	120785.	13058.	8.07	0.0210	717.	50.	0.12
MILE 357.41	595.36	244559.	1.70	144053.	24803.	7.90	0.0210	715.	59.	0.12
MILE 353.21	595.20	243298.	2.13	114033.	6921.	9.39	0.0230	717.	58.	0.09
MILE 349.00	594.75	243347.	2.07	117660.	3842.	9.84	0.0240	717.	60.	0.07

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	615.12	205428.	4.53	45378.	16499.	9.78	0.0230	7355.	39.	0.48
MILE 420.49	613.60	215324.	3.54	60763.	8503.	5.68	0.0230	773.	35.	0.23
MILE 416.28	611.98	218434.	3.93	55579.	7334.	6.08	0.0270	771.	33.	0.25
MILE 412.08	609.06	221207.	4.46	49634.	4620.	8.68	0.0270	773.	32.	0.24
MILE 407.88	607.12	224341.	4.00	56140.	6104.	7.46	0.0270	773.	31.	0.23
MILE 403.67	605.21	226702.	3.71	61159.	4173.	6.34	0.0240	771.	32.	0.17
MILE 399.47	603.22	232932.	3.29	70728.	16129.	6.80	0.0220	773.	39.	0.28
MILE 395.26	601.48	235514.	5.01	46999.	17155.	9.65	0.0220	771.	43.	0.53
MILE 391.06	599.99	240167.	4.22	56847.	2719.	8.01	0.0220	738.	33.	0.16
MILE 386.85	598.96	241751.	3.32	72913.	5272.	6.67	0.0210	704.	40.	0.16
MILE 382.64	598.10	243050.	2.67	91131.	11911.	6.71	0.0210	702.	35.	0.17
MILE 378.44	597.32	244597.	3.26	75017.	14240.	5.99	0.0210	702.	41.	0.25
MILE 374.23	596.82	244814.	2.12	115307.	14444.	6.92	0.0210	704.	38.	0.13
MILE 370.03	596.46	244797.	1.99	123170.	8399.	7.37	0.0210	704.	46.	0.09
MILE 365.82	595.89	245004.	1.80	136337.	7872.	7.12	0.0210	702.	43.	0.08
MILE 361.62	595.59	244906.	2.03	120852.	13061.	8.08	0.0210	704.	50.	0.12
MILE 357.41	595.37	245188.	1.70	144135.	24811.	7.90	0.0210	702.	59.	0.12
MILE 353.21	595.21	246183.	2.16	114057.	6922.	9.39	0.0230	704.	58.	0.09
MILE 349.00	594.74	247035.	2.10	117622.	3842.	9.84	0.0240	704.	60.	0.07

ODATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.91	193628.	4.31	44972.	16341.	9.76	0.0230	7147.	39.	0.46
MILE 420.49	613.49	209074.	3.48	60103.	8457.	5.70	0.0230	759.	34.	0.23
MILE 416.28	611.91	216316.	3.92	55196.	7311.	6.10	0.0270	757.	33.	0.25
MILE 412.08	609.01	220372.	4.45	49494.	4609.	8.67	0.0270	759.	32.	0.24
MILE 407.88	607.06	223724.	4.00	55866.	6083.	7.47	0.0270	759.	31.	0.23
MILE 403.67	605.15	226018.	3.72	60833.	4157.	6.37	0.0240	757.	32.	0.17
MILE 399.47	603.15	231775.	3.29	70399.	16049.	6.80	0.0220	759.	39.	0.28
MILE 395.26	601.43	234174.	5.00	46868.	17093.	9.65	0.0220	757.	43.	0.53
MILE 391.06	599.95	238374.	4.20	56719.	2718.	8.00	0.0220	724.	33.	0.16
MILE 386.85	598.93	239853.	3.30	72778.	5270.	6.66	0.0210	690.	40.	0.16
MILE 382.64	598.08	241110.	2.65	91012.	11892.	6.71	0.0210	689.	35.	0.17
MILE 378.44	597.31	242756.	3.24	74947.	14229.	5.99	0.0210	689.	41.	0.25
MILE 374.23	596.82	243532.	2.11	115262.	14443.	6.91	0.0210	690.	38.	0.13
MILE 370.03	596.46	244195.	1.98	123146.	8398.	7.37	0.0210	690.	46.	0.09
MILE 365.82	595.89	244969.	1.80	136333.	7872.	7.12	0.0210	689.	43.	0.08
MILE 361.62	595.59	246027.	2.04	120842.	13060.	8.08	0.0210	690.	50.	0.12
MILE 357.41	595.37	247269.	1.72	144104.	24808.	7.90	0.0210	689.	59.	0.13
MILE 353.21	595.20	249376.	2.19	114025.	6921.	9.39	0.0230	690.	58.	0.09
MILE 349.00	594.72	250600.	2.13	117546.	3841.	9.83	0.0240	690.	60.	0.07

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0DATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	614.63	181863.	4.09	44447.	16126.	9.74	0.0230	6932. 39. 0.43
MILE 420.49	613.29	201613.	3.42	59009.	8381.	5.72	0.0230	745. 34. 0.23
MILE 416.28	611.77	212153.	3.90	54418.	7263.	6.15	0.0270	743. 33. 0.25
MILE 412.08	608.92	217781.	4.42	49272.	4592.	8.67	0.0270	745. 32. 0.24
MILE 407.88	606.99	222220.	4.00	55532.	6056.	7.48	0.0270	745. 31. 0.23
MILE 403.67	605.09	224859.	3.72	60492.	4140.	6.40	0.0240	743. 32. 0.17
MILE 399.47	603.09	230576.	3.29	70089.	15973.	6.80	0.0220	745. 39. 0.28
MILE 395.26	601.38	232879.	4.98	46747.	17036.	9.65	0.0220	743. 43. 0.53
MILE 391.06	599.91	236785.	4.18	56600.	2716.	8.00	0.0220	711. 33. 0.16
MILE 386.85	598.90	238217.	3.28	72650.	5269.	6.65	0.0210	677. 40. 0.16
MILE 382.64	598.06	239483.	2.63	90893.	11873.	6.70	0.0210	675. 35. 0.17
MILE 378.44	597.29	241304.	3.22	74865.	14215.	5.99	0.0210	675. 41. 0.25
MILE 374.23	596.81	242817.	2.11	115183.	14440.	6.91	0.0210	677. 38. 0.13
MILE 370.03	596.44	244320.	1.99	123073.	8397.	7.37	0.0210	677. 46. 0.09
MILE 365.82	595.88	245525.	1.80	136247.	7871.	7.11	0.0210	675. 43. 0.08
MILE 361.62	595.58	247242.	2.05	120771.	13058.	8.07	0.0210	677. 50. 0.12
MILE 357.41	595.35	249140.	1.73	143997.	24798.	7.90	0.0210	675. 59. 0.13
MILE 353.21	595.18	252275.	2.21	113950.	6919.	9.39	0.0230	677. 58. 0.10
MILE 349.00	594.69	253796.	2.16	117432.	3840.	9.83	0.0240	677. 60. 0.07

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TIME 22.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	614.42	179929.	4.08	44081.	15975.	9.73	0.0230	6718. 38. 0.43
MILE 420.49	613.09	198440.	3.43	57932.	8304.	5.74	0.0230	731. 34. 0.23
MILE 416.28	611.58	208369.	3.90	53424.	7200.	6.22	0.0270	729. 32. 0.25
MILE 412.08	608.79	214336.	4.38	48961.	4569.	8.65	0.0270	731. 32. 0.24
MILE 407.88	606.89	219684.	3.99	55072.	6020.	7.50	0.0270	731. 31. 0.23
MILE 403.67	605.02	222767.	3.71	60076.	4119.	6.44	0.0240	729. 32. 0.17
MILE 399.47	603.03	229065.	3.28	69772.	15896.	6.80	0.0220	731. 39. 0.28
MILE 395.26	601.33	231454.	4.96	46632.	16981.	9.66	0.0220	729. 43. 0.53
MILE 391.06	599.87	235349.	4.17	56484.	2714.	8.00	0.0220	697. 33. 0.16
MILE 386.85	598.87	236793.	3.27	72521.	5267.	6.65	0.0210	664. 40. 0.16
MILE 382.64	598.03	238119.	2.62	90766.	11853.	6.70	0.0210	662. 35. 0.17
MILE 378.44	597.27	240220.	3.21	74762.	14198.	5.98	0.0210	662. 41. 0.25
MILE 374.23	596.79	242351.	2.11	115068.	14436.	6.91	0.0210	664. 38. 0.13
MILE 370.03	596.43	244494.	1.99	122960.	8394.	7.36	0.0210	664. 46. 0.09
MILE 365.82	595.86	246049.	1.81	136104.	7869.	7.11	0.0210	662. 43. 0.08

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MILE 361.62	595.56	248198.	2.06	120661.	13053.	8.07	0.0210	664.	50.	0.12
MILE 357.41	595.33	249777.	1.74	143868.	24786.	7.89	0.0210	662.	59.	0.13
MILE 353.21	595.17	250747.	2.20	113911.	6918.	9.39	0.0230	664.	58.	0.10
MILE 349.00	594.70	251276.	2.14	117470.	3841.	9.83	0.0240	663.	60.	0.07

ODATE 5-10-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.28	180994.	4.13	43819.	15867.	9.71	0.0230	6519.	38.	0.44
MILE 420.49	612.92	197255.	3.46	57036.	8239.	5.76	0.0230	717.	34.	0.23
MILE 416.28	611.41	205878.	3.92	52520.	7142.	6.30	0.0270	715.	32.	0.25
MILE 412.08	608.65	211475.	4.35	48627.	4543.	8.64	0.0270	717.	32.	0.23
MILE 407.88	606.77	216720.	3.97	54540.	5977.	7.52	0.0270	717.	31.	0.23
MILE 403.67	604.92	219534.	3.69	59540.	4094.	6.45	0.0240	715.	32.	0.17
MILE 399.47	602.97	227032.	3.27	69423.	15810.	6.80	0.0220	717.	39.	0.28
MILE 395.26	601.28	229691.	4.94	46513.	16924.	9.66	0.0220	715.	43.	0.52
MILE 391.06	599.83	233927.	4.15	56362.	2712.	7.99	0.0220	683.	33.	0.16
MILE 386.85	598.83	235455.	3.25	72383.	5266.	6.64	0.0210	650.	40.	0.15
MILE 382.64	598.00	236880.	2.61	90622.	11830.	6.69	0.0210	649.	35.	0.17
MILE 378.44	597.25	239280.	3.21	74636.	14177.	5.98	0.0210	649.	41.	0.25
MILE 374.23	596.76	241881.	2.10	114925.	14430.	6.90	0.0210	650.	38.	0.13
MILE 370.03	596.40	244177.	1.99	122828.	8392.	7.36	0.0210	650.	46.	0.09
MILE 365.82	595.84	245403.	1.80	135974.	7868.	7.11	0.0210	649.	43.	0.08
MILE 361.62	595.55	246576.	2.04	120591.	13050.	8.07	0.0210	650.	50.	0.12
MILE 357.41	595.32	247719.	1.72	143802.	24780.	7.89	0.0210	649.	59.	0.13
MILE 353.21	595.16	249187.	2.19	113869.	6917.	9.38	0.0230	650.	58.	0.10
MILE 349.00	594.69	250007.	2.13	117432.	3840.	9.83	0.0240	650.	60.	0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.15	181627.	4.17	43590.	15772.	9.70	0.0230	6320.	38.	0.44
MILE 420.49	612.77	196396.	3.49	56279.	8183.	5.78	0.0230	703.	34.	0.23
MILE 416.28	611.26	204073.	3.94	51753.	7092.	6.37	0.0270	701.	32.	0.26
MILE 412.08	608.52	209065.	4.33	48312.	4519.	8.63	0.0270	703.	32.	0.23
MILE 407.88	606.65	213898.	3.96	54015.	5935.	7.53	0.0270	703.	30.	0.23
MILE 403.67	604.83	216668.	3.67	58969.	4067.	6.46	0.0240	701.	32.	0.17
MILE 399.47	602.89	224680.	3.25	69039.	15715.	6.81	0.0220	703.	39.	0.27
MILE 395.26	601.23	227534.	4.91	46385.	16863.	9.66	0.0220	701.	43.	0.52
MILE 391.06	599.78	232356.	4.13	56226.	2710.	7.99	0.0220	670.	33.	0.16
MILE 386.85	598.80	234029.	3.24	72227.	5264.	6.63	0.0210	637.	40.	0.15

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MILE 382.64	597.97	235575.	2.60	90459.	11804.	6.68	0.0210	635.	35.	0.17
MILE 378.44	597.22	238189.	3.20	74497.	14153.	5.97	0.0210	635.	41.	0.25
MILE 374.23	596.74	240505.	2.10	114783.	14425.	6.90	0.0210	637.	38.	0.13
MILE 370.03	596.39	242467.	1.98	122714.	8389.	7.35	0.0210	637.	46.	0.09
MILE 365.82	595.83	243775.	1.79	135874.	7866.	7.10	0.0210	635.	43.	0.08
MILE 361.62	595.53	245334.	2.04	120527.	13048.	8.06	0.0210	637.	50.	0.12
MILE 357.41	595.31	246374.	1.71	143737.	24774.	7.89	0.0210	635.	59.	0.13
MILE 353.21	595.16	246889.	2.17	113852.	6916.	9.38	0.0230	637.	58.	0.09
MILE 349.00	594.70	247282.	2.11	117470.	3841.	9.83	0.0240	637.	60.	0.07

0DATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	614.04	181821.	4.19	43380.	15684.	9.70	0.0230	6122.	38.	0.44
MILE 420.49	612.64	195559.	3.52	55607.	8133.	5.80	0.0230	691.	34.	0.24
MILE 416.28	611.12	202548.	3.97	51081.	7047.	6.43	0.0270	689.	32.	0.26
MILE 412.08	608.40	207080.	4.31	48024.	4497.	8.62	0.0270	691.	32.	0.23
MILE 407.88	606.54	211572.	3.95	53521.	5894.	7.55	0.0270	691.	30.	0.23
MILE 403.67	604.73	214250.	3.67	58407.	4041.	6.47	0.0240	689.	31.	0.17
MILE 399.47	602.82	222395.	3.24	68637.	15615.	6.81	0.0220	691.	39.	0.27
MILE 395.26	601.17	225363.	4.87	46246.	16797.	9.66	0.0220	689.	43.	0.52
MILE 391.06	599.74	230614.	4.11	56078.	2708.	7.98	0.0220	656.	33.	0.16
MILE 386.85	598.76	232382.	3.23	72056.	5262.	6.62	0.0210	622.	40.	0.15
MILE 382.64	597.94	233980.	2.59	90283.	11776.	6.67	0.0210	621.	35.	0.16
MILE 378.44	597.20	236668.	3.18	74356.	14130.	5.97	0.0210	621.	41.	0.24
MILE 374.23	596.72	239075.	2.09	114641.	14420.	6.89	0.0210	622.	38.	0.13
MILE 370.03	596.37	241074.	1.97	122595.	8387.	7.35	0.0210	622.	46.	0.09
MILE 365.82	595.81	242193.	1.78	135778.	7865.	7.10	0.0210	621.	43.	0.08
MILE 361.62	595.52	243312.	2.02	120481.	13046.	8.06	0.0210	622.	50.	0.12
MILE 357.41	595.31	244547.	1.70	143687.	24769.	7.89	0.0210	621.	59.	0.12
MILE 353.21	595.15	246718.	2.17	113806.	6915.	9.38	0.0230	622.	58.	0.09
MILE 349.00	594.68	247793.	2.11	117394.	3840.	9.82	0.0240	622.	60.	0.07

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.92	181632.	4.21	43179.	15601.	9.69	0.0230	5923.	38.	0.45
MILE 420.49	612.52	194656.	3.54	54989.	8086.	5.82	0.0230	678.	34.	0.24
MILE 416.28	611.00	201191.	3.99	50474.	7005.	6.50	0.0270	677.	32.	0.26
MILE 412.08	608.29	205384.	4.30	47759.	4476.	8.61	0.0270	678.	32.	0.23
MILE 407.88	606.44	209596.	3.95	53060.	5856.	7.57	0.0270	678.	30.	0.23

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MILE 403.67	604.64	212180.	3.67	57866.	4015.	6.47	0.0240	677.	31.	0.17
MILE 399.47	602.74	220286.	3.23	68230.	15513.	6.81	0.0220	678.	39.	0.27
MILE 395.26	601.11	223292.	4.84	46100.	16726.	9.66	0.0220	677.	43.	0.51
MILE 391.06	599.69	228745.	4.09	55923.	2706.	7.98	0.0220	643.	33.	0.16
MILE 386.85	598.72	230570.	3.21	71876.	5260.	6.61	0.0210	608.	40.	0.15
MILE 382.64	597.91	232222.	2.58	90098.	11746.	6.66	0.0210	607.	35.	0.16
MILE 378.44	597.17	235033.	3.17	74207.	14105.	5.96	0.0210	607.	41.	0.24
MILE 374.23	596.70	237355.	2.07	114497.	14415.	6.89	0.0210	608.	38.	0.13
MILE 370.03	596.35	239390.	1.95	122478.	8384.	7.35	0.0210	608.	46.	0.09
MILE 365.82	595.80	240834.	1.78	135670.	7864.	7.10	0.0210	607.	43.	0.08
MILE 361.62	595.51	242854.	2.02	120401.	13042.	8.06	0.0210	608.	50.	0.12
MILE 357.41	595.29	244723.	1.70	143576.	24759.	7.89	0.0210	607.	59.	0.12
MILE 353.21	595.13	247486.	2.18	113738.	6914.	9.38	0.0230	608.	58.	0.09
MILE 349.00	594.66	248711.	2.12	117318.	3839.	9.82	0.0240	608.	60.	0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.82	181299.	4.22	42987.	15520.	9.68	0.0230	5725.	38.	0.45
MILE 420.49	612.40	193752.	3.56	54411.	8042.	5.84	0.0230	666.	33.	0.24
MILE 416.28	610.89	199949.	4.01	49913.	6966.	6.57	0.0270	664.	32.	0.26
MILE 412.08	608.19	203878.	4.29	47511.	4457.	8.60	0.0270	666.	32.	0.23
MILE 407.88	606.34	207867.	3.95	52626.	5821.	7.59	0.0270	666.	30.	0.23
MILE 403.67	604.55	210362.	3.67	57346.	3990.	6.48	0.0240	664.	31.	0.17
MILE 399.47	602.66	218330.	3.22	67827.	15412.	6.81	0.0220	666.	39.	0.27
MILE 395.26	601.05	221328.	4.82	45950.	16654.	9.66	0.0220	664.	43.	0.51
MILE 391.06	599.63	226853.	4.07	55764.	2704.	7.97	0.0220	630.	33.	0.16
MILE 386.85	598.67	228697.	3.19	71690.	5258.	6.60	0.0210	594.	40.	0.15
MILE 382.64	597.87	230368.	2.56	89906.	11715.	6.66	0.0210	592.	35.	0.16
MILE 378.44	597.14	233273.	3.15	74053.	14079.	5.95	0.0210	592.	41.	0.24
MILE 374.23	596.67	236043.	2.06	114335.	14409.	6.88	0.0210	594.	38.	0.13
MILE 370.03	596.32	238627.	1.95	122330.	8381.	7.34	0.0210	594.	46.	0.09
MILE 365.82	595.78	240261.	1.77	135511.	7862.	7.09	0.0210	592.	43.	0.08
MILE 361.62	595.49	242343.	2.01	120294.	13038.	8.05	0.0210	594.	50.	0.12
MILE 357.41	595.28	243522.	1.70	143475.	24749.	7.89	0.0210	592.	59.	0.12
MILE 353.21	595.13	243336.	2.14	113732.	6913.	9.38	0.0230	594.	58.	0.09
MILE 349.00	594.69	243271.	2.07	117432.	3840.	9.83	0.0240	594.	60.	0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

TVA

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 424.70	613.71	180858.	4.23	42800.	15442.	9.67	0.0230	5526.	38.	0.45
MILE 420.49	612.29	192847.	3.58	53861.	7999.	5.86	0.0230	654.	33.	0.24
MILE 416.28	610.78	198793.	4.03	49387.	6929.	6.63	0.0270	652.	32.	0.27
MILE 412.08	608.09	202510.	4.28	47276.	4439.	8.59	0.0270	654.	31.	0.23
MILE 407.88	606.24	206314.	3.95	52214.	5786.	7.61	0.0270	654.	30.	0.23
MILE 403.67	604.46	208724.	3.67	56844.	3966.	6.49	0.0240	652.	31.	0.17
MILE 399.47	602.58	216501.	3.21	67429.	15312.	6.82	0.0220	654.	38.	0.27
MILE 395.26	600.99	219462.	4.79	45800.	16582.	9.66	0.0220	652.	42.	0.51
MILE 391.06	599.58	224976.	4.05	55604.	2701.	7.96	0.0220	616.	33.	0.16
MILE 386.85	598.63	226842.	3.17	71501.	5256.	6.58	0.0210	579.	40.	0.15
MILE 382.64	597.83	228571.	2.55	89705.	11683.	6.65	0.0210	578.	35.	0.16
MILE 378.44	597.11	231705.	3.14	73882.	14051.	5.94	0.0210	578.	41.	0.24
MILE 374.23	596.64	234773.	2.06	114152.	14402.	6.87	0.0210	579.	38.	0.13
MILE 370.03	596.30	237242.	1.94	122178.	8378.	7.33	0.0210	579.	46.	0.09
MILE 365.82	595.76	238328.	1.76	135395.	7860.	7.09	0.0210	578.	43.	0.07
MILE 361.62	595.48	239153.	1.99	120250.	13036.	8.05	0.0210	579.	50.	0.12
MILE 357.41	595.27	240473.	1.68	143432.	24745.	7.89	0.0210	578.	59.	0.12
MILE 353.21	595.11	243580.	2.14	113663.	6912.	9.37	0.0230	579.	58.	0.09
MILE 349.00	594.65	245029.	2.09	117280.	3839.	9.82	0.0240	579.	60.	0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.61	180469.	4.23	42622.	15367.	9.66	0.0230	5342.	38.	0.45
MILE 420.49	612.19	192010.	3.60	53337.	7958.	5.88	0.0230	641.	33.	0.25
MILE 416.28	610.67	197721.	4.04	48890.	6894.	6.70	0.0270	640.	31.	0.27
MILE 412.08	607.99	201248.	4.28	47052.	4422.	8.58	0.0270	641.	31.	0.23
MILE 407.88	606.15	204889.	3.95	51820.	5753.	7.62	0.0270	641.	30.	0.23
MILE 403.67	604.38	207219.	3.68	56360.	3942.	6.49	0.0240	640.	31.	0.17
MILE 399.47	602.51	214781.	3.20	67041.	15214.	6.82	0.0220	641.	38.	0.27
MILE 395.26	600.92	217694.	4.77	45650.	16510.	9.66	0.0220	640.	42.	0.51
MILE 391.06	599.53	223190.	4.03	55442.	2699.	7.96	0.0220	603.	33.	0.16
MILE 386.85	598.58	225070.	3.16	71306.	5254.	6.57	0.0210	565.	39.	0.15
MILE 382.64	597.79	226821.	2.53	89495.	11650.	6.64	0.0210	563.	35.	0.16
MILE 378.44	597.08	229952.	3.12	73708.	14022.	5.94	0.0210	563.	41.	0.24
MILE 374.23	596.62	232458.	2.04	113985.	14396.	6.87	0.0210	565.	38.	0.13
MILE 370.03	596.28	234684.	1.92	122046.	8376.	7.33	0.0210	565.	46.	0.09
MILE 365.82	595.74	236419.	1.75	135268.	7859.	7.08	0.0210	563.	43.	0.07
MILE 361.62	595.46	239114.	1.99	120144.	13032.	8.05	0.0210	565.	50.	0.12
MILE 357.41	595.25	241257.	1.68	143284.	24731.	7.89	0.0210	563.	59.	0.12
MILE 353.21	595.09	243836.	2.15	113593.	6910.	9.37	0.0230	565.	58.	0.09
MILE 349.00	594.64	244865.	2.09	117242.	3839.	9.82	0.0240	565.	60.	0.07

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.51	179941.	4.24	42445.	15292.	9.66	0.0230	5159.	38.	0.45
MILE 420.49	612.08	191150.	3.62	52831.	7917.	5.90	0.0230	629.	33.	0.25
MILE 416.28	610.57	196705.	4.06	48417.	6859.	6.77	0.0270	628.	31.	0.27
MILE 412.08	607.90	200077.	4.27	46837.	4405.	8.57	0.0270	629.	31.	0.23
MILE 407.88	606.07	203570.	3.96	51442.	5722.	7.64	0.0270	629.	30.	0.23
MILE 403.67	604.29	205822.	3.68	55892.	3920.	6.50	0.0240	628.	31.	0.17
MILE 399.47	602.43	213167.	3.20	66663.	15117.	6.82	0.0220	629.	38.	0.27
MILE 395.26	600.86	216027.	4.75	45502.	16438.	9.66	0.0220	628.	42.	0.50
MILE 391.06	599.47	221453.	4.01	55280.	2697.	7.95	0.0220	590.	33.	0.16
MILE 386.85	598.54	223286.	3.14	71110.	5251.	6.56	0.0210	550.	39.	0.15
MILE 382.64	597.75	224972.	2.52	89287.	11616.	6.63	0.0210	549.	35.	0.16
MILE 378.44	597.04	228015.	3.10	73538.	13993.	5.93	0.0210	549.	41.	0.24
MILE 374.23	596.59	231187.	2.03	113799.	14389.	6.86	0.0210	550.	38.	0.13
MILE 370.03	596.25	234170.	1.92	121867.	8372.	7.32	0.0210	550.	46.	0.09
MILE 365.82	595.72	235881.	1.75	135075.	7856.	7.08	0.0210	549.	43.	0.07
MILE 361.62	595.44	238204.	1.98	120016.	13027.	8.04	0.0210	550.	50.	0.12
MILE 357.41	595.22	241008.	1.68	143108.	24715.	7.89	0.0210	549.	59.	0.12
MILE 353.21	595.06	246562.	2.17	113451.	6906.	9.36	0.0230	550.	58.	0.09
MILE 349.00	594.58	248748.	2.13	117014.	3837.	9.80	0.0240	550.	60.	0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.38	177285.	4.20	42211.	15194.	9.65	0.0230	5004.	37.	0.44
MILE 420.49	611.96	189282.	3.62	52265.	7872.	5.92	0.0230	621.	33.	0.25
MILE 416.28	610.46	195415.	4.08	47940.	6824.	6.84	0.0270	620.	31.	0.27
MILE 412.08	607.81	198886.	4.27	46626.	4388.	8.56	0.0270	621.	31.	0.23
MILE 407.88	605.98	202320.	3.96	51078.	5691.	7.66	0.0270	621.	30.	0.23
MILE 403.67	604.21	204514.	3.69	55438.	3897.	6.51	0.0240	620.	31.	0.17
MILE 399.47	602.36	211638.	3.19	66294.	15023.	6.83	0.0220	621.	38.	0.27
MILE 395.26	600.80	214430.	4.73	45356.	16367.	9.67	0.0220	620.	42.	0.50
MILE 391.06	599.42	219721.	3.99	55121.	2694.	7.95	0.0220	580.	33.	0.16
MILE 386.85	598.49	221549.	3.12	70917.	5249.	6.55	0.0210	540.	39.	0.15
MILE 382.64	597.71	223286.	2.51	89075.	11582.	6.62	0.0210	539.	35.	0.16
MILE 378.44	597.01	226547.	3.09	73351.	13962.	5.92	0.0210	539.	41.	0.24
MILE 374.23	596.56	229899.	2.02	113591.	14381.	6.85	0.0210	540.	38.	0.13
MILE 370.03	596.22	233243.	1.92	121672.	8368.	7.31	0.0210	540.	46.	0.09
MILE 365.82	595.68	235614.	1.75	134835.	7853.	7.07	0.0210	539.	42.	0.07
MILE 361.62	595.40	239415.	2.00	119818.	13018.	8.03	0.0210	540.	50.	0.12
MILE 357.41	595.18	242601.	1.70	142843.	24690.	7.88	0.0210	539.	59.	0.12
MILE 353.21	595.02	246552.	2.18	113323.	6903.	9.36	0.0230	540.	58.	0.09

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MILE 349.00 594.56 247946. 2.12 116937. 3836. 9.80 0.0240 540. 60. 0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.20	172662.	4.12	41896.	15060.	9.63	0.0230	4849.	37.	0.44
MILE 420.49	611.81	186288.	3.61	51569.	7815.	5.96	0.0230	613.	33.	0.25
MILE 416.28	610.34	193590.	4.08	47396.	6783.	6.93	0.0270	611.	31.	0.27
MILE 412.08	607.72	197398.	4.25	46404.	4371.	8.55	0.0270	613.	31.	0.23
MILE 407.88	605.89	200974.	3.96	50711.	5660.	7.68	0.0270	613.	30.	0.23
MILE 403.67	604.13	203180.	3.69	54991.	3875.	6.51	0.0240	611.	31.	0.17
MILE 399.47	602.29	210154.	3.19	65935.	14931.	6.83	0.0220	613.	38.	0.27
MILE 395.26	600.74	212896.	4.71	45213.	16298.	9.67	0.0220	611.	42.	0.50
MILE 391.06	599.37	218115.	3.97	54963.	2692.	7.94	0.0220	571.	33.	0.15
MILE 386.85	598.44	219942.	3.11	70720.	5247.	6.54	0.0210	529.	39.	0.15
MILE 382.64	597.67	221702.	2.50	88855.	11547.	6.61	0.0210	528.	34.	0.16
MILE 378.44	596.97	225120.	3.08	73151.	13928.	5.91	0.0210	528.	41.	0.24
MILE 374.23	596.52	229253.	2.02	113350.	14372.	6.85	0.0210	529.	38.	0.13
MILE 370.03	596.18	233237.	1.92	121433.	8363.	7.31	0.0210	529.	46.	0.09
MILE 365.82	595.64	235423.	1.75	134556.	7850.	7.06	0.0210	528.	42.	0.07
MILE 361.62	595.37	238164.	1.99	119637.	13011.	8.02	0.0210	529.	50.	0.12
MILE 357.41	595.16	239844.	1.68	142667.	24673.	7.88	0.0210	528.	59.	0.12
MILE 353.21	595.01	240077.	2.12	113284.	6902.	9.35	0.0230	529.	58.	0.09
MILE 349.00	594.59	239977.	2.05	117051.	3837.	9.81	0.0240	529.	60.	0.07

ODATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	613.04	170603.	4.10	41608.	14937.	9.62	0.0230	4704.	37.	0.43
MILE 420.49	611.66	184270.	3.62	50840.	7754.	5.99	0.0230	605.	33.	0.25
MILE 416.28	610.20	191758.	4.10	46780.	6736.	7.05	0.0270	603.	31.	0.27
MILE 412.08	607.61	195619.	4.24	46156.	4352.	8.54	0.0270	605.	31.	0.23
MILE 407.88	605.80	199382.	3.96	50321.	5626.	7.70	0.0270	605.	30.	0.23
MILE 403.67	604.05	201654.	3.70	54532.	3852.	6.52	0.0240	603.	31.	0.17
MILE 399.47	602.22	208658.	3.18	65580.	14840.	6.83	0.0220	605.	38.	0.27
MILE 395.26	600.68	211396.	4.69	45072.	16229.	9.67	0.0220	603.	42.	0.50
MILE 391.06	599.32	216597.	3.95	54804.	2690.	7.94	0.0220	562.	33.	0.15
MILE 386.85	598.40	218454.	3.10	70518.	5244.	6.53	0.0210	519.	39.	0.15
MILE 382.64	597.63	220293.	2.49	88622.	11510.	6.59	0.0210	518.	34.	0.16
MILE 378.44	596.93	223941.	3.07	72931.	13892.	5.90	0.0210	518.	41.	0.24
MILE 374.23	596.48	227901.	2.02	113102.	14363.	6.84	0.0210	519.	38.	0.13

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MILE 370.03	596.14	231155.	1.91	121223.	8359.	7.30	0.0210	519.	46.	0.09
MILE 365.82	595.62	232540.	1.73	134385.	7848.	7.06	0.0210	518.	42.	0.07
MILE 361.62	595.35	233533.	1.95	119566.	13008.	8.02	0.0210	519.	50.	0.11
MILE 357.41	595.15	233945.	1.64	142637.	24670.	7.88	0.0210	518.	59.	0.12
MILE 353.21	595.02	233376.	2.06	113287.	6902.	9.35	0.0230	519.	58.	0.09
MILE 349.00	594.61	233219.	1.99	117128.	3838.	9.81	0.0240	519.	60.	0.06

0DATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.90	170747.	4.13	41378.	14839.	9.61	0.0230	4559.	37.	0.44
MILE 420.49	611.51	183400.	3.66	50174.	7698.	6.03	0.0230	597.	33.	0.25
MILE 416.28	610.06	190354.	4.12	46178.	6689.	7.17	0.0270	595.	31.	0.28
MILE 412.08	607.50	193987.	4.23	45897.	4331.	8.53	0.0270	597.	31.	0.23
MILE 407.88	605.70	197715.	3.96	49907.	5590.	7.72	0.0270	597.	29.	0.23
MILE 403.67	603.96	199989.	3.70	54052.	3829.	6.53	0.0240	595.	31.	0.17
MILE 399.47	602.15	207095.	3.18	65222.	14747.	6.84	0.0220	597.	38.	0.27
MILE 395.26	600.62	209868.	4.67	44931.	16160.	9.67	0.0220	595.	42.	0.49
MILE 391.06	599.26	215157.	3.94	54642.	2687.	7.93	0.0220	552.	33.	0.15
MILE 386.85	598.35	217024.	3.09	70310.	5242.	6.51	0.0210	508.	39.	0.15
MILE 382.64	597.58	218835.	2.48	88382.	11472.	6.58	0.0210	507.	34.	0.16
MILE 378.44	596.89	222247.	3.06	72722.	13857.	5.89	0.0210	507.	40.	0.24
MILE 374.23	596.45	225132.	1.99	112899.	14356.	6.83	0.0210	508.	38.	0.13
MILE 370.03	596.12	227242.	1.88	121077.	8356.	7.29	0.0210	508.	46.	0.09
MILE 365.82	595.61	228301.	1.70	134308.	7847.	7.05	0.0210	507.	42.	0.07
MILE 361.62	595.35	229291.	1.92	119542.	13007.	8.02	0.0210	508.	50.	0.11
MILE 357.41	595.15	230458.	1.62	142612.	24668.	7.88	0.0210	507.	59.	0.12
MILE 353.21	595.00	233112.	2.06	113236.	6900.	9.35	0.0230	508.	58.	0.09
MILE 349.00	594.58	234282.	2.00	117014.	3837.	9.80	0.0240	508.	60.	0.06

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.71	166228.	4.05	41035.	14692.	9.59	0.0230	4422.	37.	0.43
MILE 420.49	611.34	180496.	3.65	49404.	7632.	6.08	0.0230	589.	32.	0.25
MILE 416.28	609.93	187806.	4.11	45698.	6643.	7.23	0.0270	587.	31.	0.28
MILE 412.08	607.39	192372.	4.22	45639.	4311.	8.52	0.0270	589.	31.	0.23
MILE 407.88	605.60	196155.	3.96	49492.	5554.	7.75	0.0270	589.	29.	0.23
MILE 403.67	603.88	198398.	3.70	53564.	3804.	6.54	0.0240	587.	31.	0.17
MILE 399.47	602.07	205517.	3.17	64858.	14652.	6.84	0.0220	589.	38.	0.27
MILE 395.26	600.56	208309.	4.65	44787.	16090.	9.67	0.0220	587.	42.	0.49

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MILE 391.06	599.21	213627.	3.92	54479.	2685.	7.92	0.0220	543.	33.	0.15
MILE 386.85	598.30	215437.	3.07	70105.	5240.	6.50	0.0210	498.	39.	0.15
MILE 382.64	597.54	217111.	2.46	88157.	11435.	6.57	0.0210	497.	34.	0.16
MILE 378.44	596.86	220075.	3.03	72542.	13826.	5.88	0.0210	497.	40.	0.23
MILE 374.23	596.42	222413.	1.97	112732.	14350.	6.82	0.0210	498.	38.	0.12
MILE 370.03	596.10	224526.	1.86	120942.	8353.	7.29	0.0210	498.	46.	0.09
MILE 365.82	595.59	226123.	1.69	134185.	7845.	7.05	0.0210	497.	42.	0.07
MILE 361.62	595.33	228668.	1.91	119445.	13003.	8.02	0.0210	498.	50.	0.11
MILE 357.41	595.13	231220.	1.62	142461.	24653.	7.88	0.0210	497.	59.	0.12
MILE 353.21	594.98	235778.	2.08	113130.	6892.	9.35	0.0230	498.	58.	0.09
MILE 349.00	594.54	237505.	2.03	116861.	3836.	9.79	0.0240	498.	60.	0.06

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.40	156742.	3.87	40501.	14461.	9.57	0.0230	4286.	36.	0.41
MILE 420.49	611.10	174441.	3.61	48380.	7542.	6.15	0.0230	581.	32.	0.25
MILE 416.28	609.75	183410.	4.06	45210.	6585.	7.24	0.0270	579.	31.	0.27
MILE 412.08	607.27	189360.	4.18	45351.	4288.	8.51	0.0270	581.	31.	0.23
MILE 407.88	605.50	194120.	3.96	49052.	5516.	7.77	0.0270	581.	29.	0.23
MILE 403.67	603.78	196630.	3.71	53062.	3779.	6.55	0.0240	579.	30.	0.17
MILE 399.47	602.00	203920.	3.16	64489.	14555.	6.85	0.0220	581.	38.	0.26
MILE 395.26	600.50	206721.	4.63	44642.	16019.	9.67	0.0220	579.	42.	0.49
MILE 391.06	599.16	211937.	3.90	54320.	2683.	7.92	0.0220	534.	33.	0.15
MILE 386.85	598.25	213683.	3.06	69910.	5237.	6.49	0.0210	487.	39.	0.15
MILE 382.64	597.50	215279.	2.45	87950.	11402.	6.56	0.0210	486.	34.	0.16
MILE 378.44	596.83	218157.	3.01	72372.	13798.	5.88	0.0210	486.	40.	0.23
MILE 374.23	596.39	221154.	1.97	112545.	14343.	6.82	0.0210	487.	38.	0.12
MILE 370.03	596.07	224205.	1.86	120759.	8349.	7.28	0.0210	487.	46.	0.09
MILE 365.82	595.56	226191.	1.69	133968.	7843.	7.04	0.0210	486.	42.	0.07
MILE 361.62	595.30	228892.	1.92	119290.	12997.	8.01	0.0210	487.	50.	0.11
MILE 357.41	595.11	229546.	1.61	142336.	24642.	7.88	0.0210	486.	59.	0.12
MILE 353.21	594.99	226111.	2.00	113187.	6897.	9.35	0.0230	487.	58.	0.09
MILE 349.00	594.63	224533.	1.92	117203.	3839.	9.81	0.0240	487.	60.	0.06

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	612.13	152776.	3.82	40040.	14261.	9.55	0.0230	4179.	36.	0.40
MILE 420.49	610.85	170219.	3.60	47325.	7446.	6.23	0.0230	574.	32.	0.25
MILE 416.28	609.54	179168.	4.02	44598.	6512.	7.25	0.0270	573.	30.	0.27

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MILE 412.08	607.12	185618.	4.12	44999.	4260.	8.50	0.0270	574.	31.	0.22
MILE 407.88	605.37	191240.	3.94	48544.	5471.	7.80	0.0270	574.	29.	0.23
MILE 403.67	603.68	194118.	3.70	52505.	3750.	6.56	0.0240	573.	30.	0.17
MILE 399.47	601.92	202043.	3.15	64107.	14455.	6.85	0.0220	574.	38.	0.26
MILE 395.26	600.44	204960.	4.61	44497.	15947.	9.68	0.0220	573.	42.	0.49
MILE 391.06	599.11	210191.	3.88	54162.	2680.	7.91	0.0220	527.	33.	0.15
MILE 386.85	598.21	211961.	3.04	69718.	5235.	6.48	0.0210	479.	39.	0.15
MILE 382.64	597.46	213632.	2.43	87740.	11369.	6.55	0.0210	478.	34.	0.15
MILE 378.44	596.79	216811.	3.00	72184.	13766.	5.87	0.0210	478.	40.	0.23
MILE 374.23	596.36	220290.	1.96	112332.	14335.	6.81	0.0210	479.	38.	0.12
MILE 370.03	596.04	222785.	1.85	120587.	8346.	7.27	0.0210	479.	46.	0.09
MILE 365.82	595.55	223141.	1.67	133880.	7842.	7.04	0.0210	478.	42.	0.07
MILE 361.62	595.31	222054.	1.86	119317.	12998.	8.01	0.0210	479.	50.	0.11
MILE 357.41	595.12	221999.	1.56	142419.	24649.	7.88	0.0210	478.	59.	0.11
MILE 353.21	594.98	223791.	1.98	113161.	6895.	9.35	0.0230	479.	58.	0.09
MILE 349.00	594.59	224797.	1.92	117052.	3837.	9.81	0.0240	479.	60.	0.06

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.95	153746.	3.87	39729.	14125.	9.54	0.0230	4072.	36.	0.41
MILE 420.49	610.64	168654.	3.63	46438.	7363.	6.31	0.0230	568.	32.	0.25
MILE 416.28	609.32	176225.	4.01	44000.	6440.	7.26	0.0270	566.	30.	0.27
MILE 412.08	606.96	182279.	4.09	44621.	4230.	8.48	0.0270	568.	30.	0.22
MILE 407.88	605.23	188077.	3.92	47971.	5420.	7.84	0.0270	568.	29.	0.23
MILE 403.67	603.57	191113.	3.68	51882.	3718.	6.58	0.0240	566.	30.	0.17
MILE 399.47	601.84	199748.	3.14	63697.	14347.	6.86	0.0220	568.	38.	0.26
MILE 395.26	600.37	202866.	4.57	44346.	15873.	9.68	0.0220	566.	42.	0.48
MILE 391.06	599.05	208438.	3.86	53998.	2678.	7.91	0.0220	519.	33.	0.15
MILE 386.85	598.16	210302.	3.03	69517.	5233.	6.47	0.0210	471.	39.	0.15
MILE 382.64	597.42	212031.	2.42	87520.	11334.	6.54	0.0210	470.	34.	0.15
MILE 378.44	596.76	215071.	2.99	72003.	13736.	5.86	0.0210	470.	40.	0.23
MILE 374.23	596.34	216686.	1.93	112187.	14330.	6.80	0.0210	471.	38.	0.12
MILE 370.03	596.03	217789.	1.81	120510.	8344.	7.27	0.0210	471.	46.	0.08
MILE 365.82	595.55	219059.	1.64	133855.	7841.	7.04	0.0210	470.	42.	0.07
MILE 361.62	595.30	221020.	1.85	119284.	12996.	8.01	0.0210	471.	50.	0.11
MILE 357.41	595.12	221121.	1.55	142399.	24648.	7.88	0.0210	470.	59.	0.11
MILE 353.21	595.00	218024.	1.93	113238.	6900.	9.35	0.0230	471.	58.	0.08
MILE 349.00	594.66	216865.	1.85	117318.	3839.	9.82	0.0240	471.	60.	0.06

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.80	154483.	3.91	39472.	14012.	9.53	0.0230	4046.	36.	0.41
MILE 420.49	610.45	167667.	3.67	45705.	7292.	6.38	0.0230	561.	31.	0.26
MILE 416.28	609.14	174268.	4.01	43489.	6378.	7.26	0.0270	560.	30.	0.27
MILE 412.08	606.80	179775.	4.06	44264.	4201.	8.47	0.0270	561.	30.	0.22
MILE 407.88	605.09	185254.	3.91	47396.	5368.	7.88	0.0270	561.	29.	0.23
MILE 403.67	603.44	188238.	3.67	51232.	3684.	6.60	0.0240	560.	30.	0.17
MILE 399.47	601.75	197252.	3.12	63259.	14230.	6.86	0.0220	561.	38.	0.26
MILE 395.26	600.30	200537.	4.54	44187.	15794.	9.68	0.0220	560.	42.	0.48
MILE 391.06	598.99	206483.	3.84	53825.	2675.	7.90	0.0220	512.	32.	0.15
MILE 386.85	598.11	208337.	3.01	69311.	5231.	6.45	0.0210	463.	39.	0.15
MILE 382.64	597.38	209916.	2.40	87313.	11300.	6.53	0.0210	462.	34.	0.15
MILE 378.44	596.73	212539.	2.96	71857.	13711.	5.85	0.0210	462.	40.	0.23
MILE 374.23	596.31	214840.	1.92	112047.	14324.	6.80	0.0210	463.	38.	0.12
MILE 370.03	596.01	216448.	1.80	120394.	8342.	7.26	0.0210	463.	46.	0.08
MILE 365.82	595.54	216611.	1.62	133814.	7841.	7.04	0.0210	462.	42.	0.07
MILE 361.62	595.31	215495.	1.81	119332.	12998.	8.01	0.0210	463.	50.	0.11
MILE 357.41	595.14	214697.	1.51	142524.	24659.	7.88	0.0210	462.	59.	0.11
MILE 353.21	595.02	213795.	1.89	113292.	6902.	9.35	0.0230	463.	58.	0.08
MILE 349.00	594.67	213643.	1.82	117356.	3840.	9.82	0.0240	463.	60.	0.06

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.67	155027.	3.95	39249.	13913.	9.52	0.0230	4019.	36.	0.41
MILE 420.49	610.29	166984.	3.70	45083.	7231.	6.45	0.0230	554.	31.	0.26
MILE 416.28	608.97	172798.	4.01	43045.	6323.	7.27	0.0270	553.	30.	0.27
MILE 412.08	606.66	177790.	4.05	43939.	4175.	8.45	0.0270	554.	30.	0.22
MILE 407.88	604.95	182877.	3.90	46910.	5318.	7.91	0.0270	554.	29.	0.23
MILE 403.67	603.32	185782.	3.67	50595.	3651.	6.61	0.0240	553.	30.	0.17
MILE 399.47	601.65	194806.	3.10	62810.	14110.	6.87	0.0220	554.	38.	0.26
MILE 395.26	600.23	198134.	4.50	44020.	15712.	9.68	0.0220	553.	42.	0.47
MILE 391.06	598.93	204192.	3.81	53651.	2673.	7.89	0.0220	505.	32.	0.15
MILE 386.85	598.07	206105.	2.98	69110.	5228.	6.44	0.0210	455.	39.	0.14
MILE 382.64	597.34	207769.	2.39	87113.	11268.	6.52	0.0210	454.	34.	0.15
MILE 378.44	596.70	210543.	2.94	71704.	13686.	5.85	0.0210	454.	40.	0.23
MILE 374.23	596.30	211772.	1.89	111934.	14320.	6.79	0.0210	455.	38.	0.12
MILE 370.03	596.00	212279.	1.76	120350.	8341.	7.26	0.0210	455.	46.	0.08
MILE 365.82	595.55	212722.	1.59	133858.	7841.	7.04	0.0210	454.	42.	0.07
MILE 361.62	595.32	213051.	1.78	119376.	13000.	8.01	0.0210	455.	50.	0.10
MILE 357.41	595.15	213049.	1.49	142583.	24665.	7.88	0.0210	454.	59.	0.11
MILE 353.21	595.03	212659.	1.88	113327.	6903.	9.36	0.0230	455.	58.	0.08
MILE 349.00	594.68	212769.	1.81	117394.	3840.	9.82	0.0240	455.	60.	0.06

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.55	155227.	3.98	39046.	13824.	9.51	0.0230	4018.	36.	0.42
MILE 420.49	610.15	166353.	3.74	44536.	7176.	6.51	0.0230	548.	31.	0.26
MILE 416.28	608.83	171576.	4.02	42651.	6274.	7.28	0.0270	547.	30.	0.27
MILE 412.08	606.53	176077.	4.03	43644.	4151.	8.44	0.0270	548.	30.	0.22
MILE 407.88	604.83	180697.	3.88	46556.	5273.	7.90	0.0270	548.	29.	0.23
MILE 403.67	603.21	183529.	3.67	49983.	3619.	6.63	0.0240	547.	30.	0.17
MILE 399.47	601.56	192455.	3.09	62363.	13990.	6.87	0.0220	548.	37.	0.26
MILE 395.26	600.16	195780.	4.46	43851.	15628.	9.68	0.0220	547.	42.	0.47
MILE 391.06	598.88	201895.	3.78	53475.	2670.	7.89	0.0220	497.	32.	0.15
MILE 386.85	598.02	203788.	2.96	68907.	5226.	6.43	0.0210	447.	39.	0.14
MILE 382.64	597.30	205355.	2.36	86918.	11237.	6.51	0.0210	446.	34.	0.15
MILE 378.44	596.68	207815.	2.90	71578.	13665.	5.84	0.0210	446.	40.	0.22
MILE 374.23	596.28	209237.	1.87	111836.	14317.	6.79	0.0210	447.	38.	0.12
MILE 370.03	595.99	210255.	1.75	120282.	8339.	7.26	0.0210	447.	46.	0.08
MILE 365.82	595.54	210883.	1.58	133832.	7841.	7.04	0.0210	446.	42.	0.07
MILE 361.62	595.32	211634.	1.77	119371.	13000.	8.01	0.0210	447.	50.	0.10
MILE 357.41	595.14	213126.	1.50	142554.	24662.	7.88	0.0210	446.	59.	0.11
MILE 353.21	595.01	217191.	1.92	113256.	6901.	9.35	0.0230	447.	58.	0.08
MILE 349.00	594.63	218883.	1.87	117204.	3839.	9.81	0.0240	447.	60.	0.06

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.44	155354.	4.00	38862.	13742.	9.50	0.0230	4017.	35.	0.42
MILE 420.49	610.02	165795.	3.76	44047.	7127.	6.58	0.0230	541.	31.	0.27
MILE 416.28	608.70	170503.	4.03	42295.	6229.	7.29	0.0270	540.	29.	0.27
MILE 412.08	606.41	174614.	4.03	43376.	4130.	8.43	0.0270	541.	30.	0.22
MILE 407.88	604.71	178899.	3.87	46227.	5231.	7.89	0.0270	541.	28.	0.23
MILE 403.67	603.09	181596.	3.68	49406.	3588.	6.65	0.0240	540.	30.	0.17
MILE 399.47	601.47	190241.	3.07	61928.	13872.	6.88	0.0220	541.	37.	0.26
MILE 395.26	600.09	193507.	4.43	43682.	15544.	9.69	0.0220	540.	42.	0.47
MILE 391.06	598.82	199501.	3.74	53302.	2668.	7.88	0.0220	490.	32.	0.15
MILE 386.85	597.97	201370.	2.93	68711.	5224.	6.42	0.0210	439.	39.	0.14
MILE 382.64	597.27	202947.	2.34	86732.	11207.	6.50	0.0210	438.	34.	0.15
MILE 378.44	596.65	205550.	2.88	71445.	13642.	5.83	0.0210	438.	40.	0.22
MILE 374.23	596.26	207396.	1.86	111714.	14312.	6.79	0.0210	439.	38.	0.12
MILE 370.03	595.98	209313.	1.74	120174.	8337.	7.26	0.0210	439.	46.	0.08
MILE 365.82	595.53	210960.	1.58	133700.	7839.	7.03	0.0210	438.	42.	0.07

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MILE 361.62	595.29	213721.	1.79	119249.	12995.	8.01	0.0210	439.	50.	0.10
MILE 357.41	595.12	215583.	1.51	142395.	24647.	7.88	0.0210	438.	59.	0.11
MILE 353.21	595.00	216964.	1.92	113208.	6899.	9.35	0.0230	439.	58.	0.08
MILE 349.00	594.64	217422.	1.85	117242.	3839.	9.82	0.0240	439.	60.	0.06

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.34	155542.	4.02	38702.	13671.	9.49	0.0230	4004.	35.	0.42
MILE 420.49	609.91	165045.	3.78	43719.	7082.	6.60	0.0230	537.	31.	0.27
MILE 416.28	608.57	169547.	4.04	41970.	6188.	7.30	0.0270	535.	29.	0.27
MILE 412.08	606.30	173372.	4.02	43128.	4109.	8.42	0.0270	537.	30.	0.22
MILE 407.88	604.60	177342.	3.86	45923.	5192.	7.89	0.0270	537.	28.	0.23
MILE 403.67	602.99	179911.	3.68	48865.	3559.	6.67	0.0240	535.	30.	0.18
MILE 399.47	601.38	188175.	3.06	61512.	13759.	6.89	0.0220	537.	37.	0.25
MILE 395.26	600.02	191340.	4.40	43518.	15462.	9.69	0.0220	535.	42.	0.46
MILE 391.06	598.76	197195.	3.71	53134.	2665.	7.87	0.0220	486.	32.	0.15
MILE 386.85	597.93	199069.	2.91	68516.	5221.	6.40	0.0210	436.	39.	0.14
MILE 382.64	597.23	200708.	2.32	86538.	11176.	6.49	0.0210	435.	34.	0.15
MILE 378.44	596.62	203649.	2.86	71290.	13616.	5.83	0.0210	435.	40.	0.22
MILE 374.23	596.23	206815.	1.85	111534.	14306.	6.78	0.0210	436.	38.	0.12
MILE 370.03	595.95	209656.	1.75	120000.	8333.	7.25	0.0210	436.	46.	0.08
MILE 365.82	595.50	210922.	1.58	133522.	7837.	7.03	0.0210	435.	42.	0.07
MILE 361.62	595.28	212093.	1.78	119155.	12991.	8.00	0.0210	436.	50.	0.10
MILE 357.41	595.11	212899.	1.50	142322.	24640.	7.88	0.0210	435.	59.	0.11
MILE 353.21	594.99	213123.	1.88	113188.	6897.	9.35	0.0230	436.	58.	0.08
MILE 349.00	594.65	213228.	1.82	117280.	3839.	9.82	0.0240	436.	60.	0.06

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.26	155813.	4.04	38570.	13612.	9.49	0.0230	3991.	35.	0.42
MILE 420.49	609.80	164555.	3.79	43462.	7043.	6.60	0.0230	532.	31.	0.27
MILE 416.28	608.46	168666.	4.05	41678.	6150.	7.31	0.0270	531.	29.	0.27
MILE 412.08	606.20	172229.	4.01	42900.	4091.	8.41	0.0270	532.	30.	0.22
MILE 407.88	604.50	175969.	3.86	45638.	5155.	7.88	0.0270	532.	28.	0.23
MILE 403.67	602.89	178411.	3.69	48354.	3531.	6.68	0.0240	531.	30.	0.18
MILE 399.47	601.30	186273.	3.05	61117.	13651.	6.89	0.0220	532.	37.	0.25
MILE 395.26	599.95	189331.	4.37	43374.	15383.	9.69	0.0220	531.	41.	0.46
MILE 391.06	598.71	195076.	3.68	52966.	2663.	7.87	0.0220	482.	32.	0.15
MILE 386.85	597.88	197005.	2.88	68314.	5219.	6.39	0.0210	433.	39.	0.14

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MILE 382.64	597.19	198790.	2.30	86323.	11142.	6.48	0.0210	432.	34.	0.15
MILE 378.44	596.59	202100.	2.84	71104.	13585.	5.82	0.0210	432.	40.	0.22
MILE 374.23	596.20	204944.	1.84	111345.	14299.	6.77	0.0210	433.	38.	0.12
MILE 370.03	595.92	207157.	1.73	119856.	8330.	7.24	0.0210	433.	46.	0.08
MILE 365.82	595.49	208228.	1.56	133421.	7836.	7.02	0.0210	432.	42.	0.07
MILE 361.62	595.27	209330.	1.76	119105.	12989.	8.00	0.0210	433.	50.	0.10
MILE 357.41	595.10	210614.	1.48	142261.	24635.	7.88	0.0210	432.	59.	0.11
MILE 353.21	594.97	213147.	1.88	113125.	6892.	9.35	0.0230	433.	58.	0.08
MILE 349.00	594.62	214264.	1.83	117166.	3838.	9.81	0.0240	433.	60.	0.06

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.19	155787.	4.05	38446.	13557.	9.48	0.0230	3975.	35.	0.42
MILE 420.49	609.71	164109.	3.80	43230.	7008.	6.61	0.0230	527.	31.	0.27
MILE 416.28	608.36	167928.	4.05	41420.	6117.	7.31	0.0270	526.	29.	0.27
MILE 412.08	606.11	171255.	4.01	42695.	4074.	8.40	0.0270	527.	30.	0.22
MILE 407.88	604.41	174757.	3.85	45374.	5121.	7.88	0.0270	527.	28.	0.23
MILE 403.67	602.79	177073.	3.70	47876.	3505.	6.70	0.0240	526.	29.	0.18
MILE 399.47	601.22	184526.	3.04	60744.	13548.	6.90	0.0220	527.	37.	0.25
MILE 395.26	599.88	187495.	4.34	43239.	15306.	9.68	0.0220	526.	41.	0.45
MILE 391.06	598.65	193183.	3.66	52798.	2660.	7.86	0.0220	479.	32.	0.14
MILE 386.85	597.83	195099.	2.86	68105.	5217.	6.38	0.0210	431.	39.	0.14
MILE 382.64	597.15	196838.	2.29	86100.	11106.	6.47	0.0210	430.	34.	0.14
MILE 378.44	596.55	199942.	2.82	70926.	13555.	5.81	0.0210	430.	40.	0.22
MILE 374.23	596.18	202447.	1.82	111174.	14292.	6.77	0.0210	431.	38.	0.12
MILE 370.03	595.90	204711.	1.71	119713.	8328.	7.24	0.0210	431.	46.	0.08
MILE 365.82	595.47	206326.	1.55	133280.	7834.	7.02	0.0210	430.	42.	0.07
MILE 361.62	595.24	208983.	1.76	118990.	12984.	8.00	0.0210	431.	50.	0.10
MILE 357.41	595.07	212103.	1.49	142072.	24617.	7.88	0.0210	430.	59.	0.11
MILE 353.21	594.93	218507.	1.93	112967.	6879.	9.34	0.0230	431.	58.	0.08
MILE 349.00	594.55	220916.	1.89	116900.	3836.	9.80	0.0240	431.	60.	0.06

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.12	155803.	4.06	38333.	13506.	9.48	0.0230	3959.	35.	0.43
MILE 420.49	609.63	163735.	3.81	43021.	6976.	6.62	0.0230	522.	31.	0.27
MILE 416.28	608.27	167277.	4.06	41186.	6087.	7.32	0.0270	521.	29.	0.28
MILE 412.08	606.03	170387.	4.01	42509.	4059.	8.39	0.0270	522.	29.	0.22
MILE 407.88	604.32	173684.	3.85	45131.	5089.	7.87	0.0270	522.	28.	0.23

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MILE 403.67	602.71	175890.	3.71	47430.	3480.	6.72	0.0240	521.	29.	0.18
MILE 399.47	601.14	182978.	3.03	60391.	13450.	6.91	0.0220	522.	37.	0.25
MILE 395.26	599.82	185845.	4.31	43109.	15232.	9.68	0.0220	521.	41.	0.45
MILE 391.06	598.59	191324.	3.63	52635.	2658.	7.86	0.0220	475.	32.	0.14
MILE 386.85	597.78	193172.	2.84	67904.	5214.	6.37	0.0210	428.	39.	0.14
MILE 382.64	597.11	194849.	2.27	85885.	11072.	6.46	0.0210	427.	34.	0.14
MILE 378.44	596.52	197911.	2.80	70749.	13525.	5.80	0.0210	427.	40.	0.22
MILE 374.23	596.14	201111.	1.81	110975.	14285.	6.76	0.0210	428.	38.	0.11
MILE 370.03	595.87	204587.	1.71	119509.	8323.	7.23	0.0210	428.	46.	0.08
MILE 365.82	595.43	207096.	1.56	133004.	7831.	7.01	0.0210	427.	42.	0.07
MILE 361.62	595.20	211191.	1.78	118764.	12975.	7.99	0.0210	428.	50.	0.10
MILE 357.41	595.03	214056.	1.51	141794.	24590.	7.87	0.0210	427.	59.	0.11
MILE 353.21	594.91	216415.	1.92	112871.	6872.	9.33	0.0230	428.	58.	0.08
MILE 349.00	594.56	217010.	1.86	116937.	3836.	9.80	0.0240	428.	60.	0.06

0DATE 5-11-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	611.06	155815.	4.08	38228.	13459.	9.47	0.0230	3935.	35.	0.43
MILE 420.49	609.55	163404.	3.82	42829.	6947.	6.62	0.0230	518.	31.	0.27
MILE 416.28	608.19	166703.	4.07	40971.	6059.	7.32	0.0270	516.	29.	0.28
MILE 412.08	605.95	169621.	4.01	42337.	4045.	8.39	0.0270	518.	29.	0.22
MILE 407.88	604.24	172730.	3.85	44905.	5060.	7.87	0.0270	518.	28.	0.23
MILE 403.67	602.62	174833.	3.72	47013.	3457.	6.74	0.0240	516.	29.	0.18
MILE 399.47	601.07	181556.	3.02	60060.	13358.	6.91	0.0220	518.	37.	0.25
MILE 395.26	599.76	184304.	4.29	42985.	15162.	9.68	0.0220	516.	41.	0.45
MILE 391.06	598.54	189544.	3.61	52479.	2655.	7.85	0.0220	471.	32.	0.14
MILE 386.85	597.74	191376.	2.83	67707.	5212.	6.36	0.0210	425.	39.	0.14
MILE 382.64	597.07	193125.	2.25	85666.	11037.	6.45	0.0210	424.	34.	0.14
MILE 378.44	596.48	196578.	2.79	70544.	13491.	5.79	0.0210	424.	40.	0.21
MILE 374.23	596.10	200943.	1.81	110718.	14276.	6.75	0.0210	425.	38.	0.11
MILE 370.03	595.83	204964.	1.72	119257.	8318.	7.22	0.0210	425.	46.	0.08
MILE 365.82	595.39	206751.	1.56	132736.	7827.	7.00	0.0210	424.	42.	0.07
MILE 361.62	595.17	208808.	1.76	118605.	12969.	7.98	0.0210	425.	50.	0.10
MILE 357.41	595.00	211612.	1.49	141598.	24572.	7.87	0.0210	424.	59.	0.11
MILE 353.21	594.87	217466.	1.93	112704.	6858.	9.32	0.0230	425.	58.	0.08
MILE 349.00	594.49	219649.	1.88	116671.	3834.	9.78	0.0240	425.	60.	0.06

0DATE 5-12-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	611.00	155728.	4.08	38129.	13415.	9.47	0.0230	3911.	35.	0.43
MILE 420.49	609.48	163061.	3.82	42651.	6919.	6.63	0.0230	513.	30.	0.27
MILE 416.28	608.11	166177.	4.08	40773.	6033.	7.33	0.0270	512.	29.	0.28
MILE 412.08	605.88	168934.	4.01	42179.	4032.	8.38	0.0270	513.	29.	0.22
MILE 407.88	604.16	171872.	3.85	44696.	5032.	7.87	0.0270	513.	28.	0.23
MILE 403.67	602.54	173877.	3.73	46623.	3436.	6.75	0.0240	512.	29.	0.18
MILE 399.47	601.00	180236.	3.02	59748.	13271.	6.92	0.0220	513.	37.	0.25
MILE 395.26	599.70	182878.	4.27	42866.	15094.	9.67	0.0220	512.	41.	0.45
MILE 391.06	598.49	187996.	3.59	52325.	2653.	7.84	0.0220	468.	32.	0.14
MILE 386.85	597.69	189874.	2.81	67503.	5210.	6.34	0.0210	423.	39.	0.14
MILE 382.64	597.02	191736.	2.24	85426.	10998.	6.44	0.0210	421.	34.	0.14
MILE 378.44	596.44	195396.	2.78	70317.	13453.	5.78	0.0210	421.	40.	0.21
MILE 374.23	596.07	199058.	1.80	110471.	14266.	6.74	0.0210	423.	38.	0.11
MILE 370.03	595.79	202682.	1.70	119036.	8314.	7.21	0.0210	423.	46.	0.08
MILE 365.82	595.36	205300.	1.55	132473.	7824.	6.99	0.0210	421.	42.	0.07
MILE 361.62	595.13	209692.	1.77	118381.	12959.	7.97	0.0210	423.	50.	0.10
MILE 357.41	594.96	213452.	1.51	141300.	24520.	7.87	0.0210	421.	58.	0.11
MILE 353.21	594.83	218805.	1.94	112533.	6844.	9.32	0.0230	423.	58.	0.08
MILE 349.00	594.45	220639.	1.89	116519.	3833.	9.78	0.0240	422.	60.	0.06

ODATE 5-12-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.91	153667.	4.05	37974.	13345.	9.46	0.0230	3884.	35.	0.42
MILE 420.49	609.40	161770.	3.81	42443.	6887.	6.64	0.0230	511.	30.	0.27
MILE 416.28	608.04	165347.	4.08	40575.	6007.	7.34	0.0270	509.	29.	0.28
MILE 412.08	605.82	168217.	4.00	42029.	4019.	8.38	0.0270	511.	29.	0.22
MILE 407.88	604.09	171076.	3.84	44499.	5007.	7.86	0.0270	511.	28.	0.23
MILE 403.67	602.47	173005.	3.74	46257.	3415.	6.77	0.0240	509.	29.	0.18
MILE 399.47	600.94	179052.	3.01	59456.	13189.	6.93	0.0220	511.	37.	0.25
MILE 395.26	599.64	181619.	4.25	42753.	15029.	9.67	0.0220	509.	41.	0.44
MILE 391.06	598.44	186652.	3.58	52171.	2651.	7.84	0.0220	465.	32.	0.14
MILE 386.85	597.64	188480.	2.80	67295.	5207.	6.33	0.0210	420.	39.	0.14
MILE 382.64	596.98	190262.	2.23	85184.	10959.	6.43	0.0210	419.	34.	0.14
MILE 378.44	596.40	193782.	2.76	70097.	13416.	5.77	0.0210	419.	40.	0.21
MILE 374.23	596.02	198271.	1.80	110200.	14256.	6.73	0.0210	420.	38.	0.11
MILE 370.03	595.75	202819.	1.71	118757.	8308.	7.20	0.0210	420.	46.	0.08
MILE 365.82	595.31	205426.	1.55	132129.	7820.	6.98	0.0210	419.	42.	0.07
MILE 361.62	595.08	209285.	1.77	118134.	12949.	7.96	0.0210	420.	49.	0.10
MILE 357.41	594.91	213039.	1.51	141003.	24468.	7.86	0.0210	419.	58.	0.11
MILE 353.21	594.78	219037.	1.95	112346.	6830.	9.31	0.0230	420.	58.	0.08
MILE 349.00	594.40	221020.	1.90	116329.	3832.	9.77	0.0240	420.	60.	0.06

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.51	136047.	3.65	37311.	13045.	9.44	0.0230	3856.	35.	0.38
MILE 420.49	609.17	152572.	3.64	41886.	6800.	6.66	0.0230	508.	30.	0.26
MILE 416.28	607.91	161501.	4.01	40246.	5964.	7.35	0.0270	507.	29.	0.27
MILE 412.08	605.74	166583.	3.98	41852.	4005.	8.37	0.0270	508.	29.	0.22
MILE 407.88	604.02	170088.	3.84	44302.	4981.	7.86	0.0270	508.	28.	0.23
MILE 403.67	602.40	172103.	3.75	45905.	3395.	6.79	0.0240	507.	29.	0.18
MILE 399.47	600.88	177982.	3.01	59180.	13111.	6.93	0.0220	508.	37.	0.25
MILE 395.26	599.59	180475.	4.23	42643.	14966.	9.67	0.0220	507.	41.	0.44
MILE 391.06	598.39	185327.	3.56	52022.	2648.	7.83	0.0220	463.	32.	0.14
MILE 386.85	597.59	187153.	2.79	67093.	5205.	6.32	0.0210	418.	38.	0.14
MILE 382.64	596.93	189009.	2.23	84939.	10920.	6.42	0.0210	417.	34.	0.14
MILE 378.44	596.35	192800.	2.76	69854.	13375.	5.76	0.0210	417.	40.	0.21
MILE 374.23	595.98	197420.	1.80	109905.	14246.	6.72	0.0210	418.	37.	0.11
MILE 370.03	595.70	202039.	1.71	118473.	8302.	7.19	0.0210	418.	46.	0.08
MILE 365.82	595.26	204798.	1.55	131790.	7815.	6.97	0.0210	417.	42.	0.07
MILE 361.62	595.04	208907.	1.77	117884.	12939.	7.95	0.0210	418.	49.	0.10
MILE 357.41	594.86	212235.	1.51	140711.	24417.	7.86	0.0210	417.	58.	0.11
MILE 353.21	594.74	216247.	1.93	112198.	6818.	9.30	0.0230	418.	58.	0.08
MILE 349.00	594.38	217492.	1.87	116253.	3831.	9.76	0.0240	418.	60.	0.06

ODATE 5-12-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.31	136716.	3.70	36985.	12897.	9.42	0.0230	3832.	34.	0.38
MILE 420.49	608.95	150571.	3.64	41364.	6716.	6.68	0.0230	506.	30.	0.26
MILE 416.28	607.69	157728.	3.97	39705.	5892.	7.37	0.0270	505.	28.	0.27
MILE 412.08	605.61	162961.	3.92	41561.	3980.	8.36	0.0270	506.	29.	0.21
MILE 407.88	603.92	167760.	3.81	44031.	4945.	7.85	0.0270	506.	28.	0.23
MILE 403.67	602.31	170353.	3.74	45503.	3372.	6.81	0.0240	505.	29.	0.18
MILE 399.47	600.82	176751.	3.00	58909.	13034.	6.94	0.0220	506.	37.	0.25
MILE 395.26	599.53	179329.	4.22	42535.	14904.	9.67	0.0220	505.	41.	0.44
MILE 391.06	598.34	184161.	3.55	51873.	2646.	7.83	0.0220	461.	32.	0.14
MILE 386.85	597.54	185994.	2.78	66885.	5203.	6.30	0.0210	416.	38.	0.14
MILE 382.64	596.88	187864.	2.22	84684.	10879.	6.40	0.0210	415.	34.	0.14
MILE 378.44	596.31	191680.	2.75	69607.	13333.	5.75	0.0210	415.	40.	0.21
MILE 374.23	595.93	196423.	1.79	109606.	14235.	6.71	0.0210	416.	37.	0.11
MILE 370.03	595.65	200939.	1.70	118187.	8296.	7.18	0.0210	416.	46.	0.08
MILE 365.82	595.22	203328.	1.55	131476.	7812.	6.96	0.0210	415.	42.	0.07
MILE 361.62	595.00	206590.	1.76	117674.	12929.	7.94	0.0210	416.	49.	0.10
MILE 357.41	594.83	209847.	1.49	140465.	24374.	7.85	0.0210	415.	58.	0.11
MILE 353.21	594.70	215260.	1.92	112030.	6804.	9.29	0.0230	416.	58.	0.08

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MILE 349.00 594.33 217109. 1.87 116062. 3830. 9.75 0.0240 416. 60. 0.06

0DATE 5-12-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.15	136753.	3.72	36723.	12777.	9.41	0.0230	3808.	34.	0.39
MILE 420.49	608.77	149078.	3.64	40915.	6643.	6.70	0.0230	504.	30.	0.26
MILE 416.28	607.50	155509.	3.96	39235.	5828.	7.39	0.0270	503.	28.	0.27
MILE 412.08	605.47	160498.	3.89	41256.	3955.	8.34	0.0270	504.	29.	0.21
MILE 407.88	603.80	165204.	3.78	43702.	4901.	7.85	0.0270	504.	28.	0.22
MILE 403.67	602.21	167863.	3.73	45018.	3344.	6.83	0.0240	503.	29.	0.18
MILE 399.47	600.76	175006.	2.99	58608.	12948.	6.95	0.0220	504.	37.	0.25
MILE 395.26	599.48	177816.	4.19	42424.	14841.	9.66	0.0220	503.	41.	0.44
MILE 391.06	598.28	182950.	3.54	51719.	2644.	7.82	0.0220	459.	32.	0.14
MILE 386.85	597.49	184837.	2.77	66673.	5200.	6.29	0.0210	414.	38.	0.14
MILE 382.64	596.83	186732.	2.21	84426.	10838.	6.39	0.0210	413.	34.	0.14
MILE 378.44	596.26	190508.	2.75	69359.	13291.	5.74	0.0210	413.	40.	0.21
MILE 374.23	595.88	194796.	1.78	109321.	14224.	6.70	0.0210	414.	37.	0.11
MILE 370.03	595.61	199025.	1.69	117923.	8291.	7.17	0.0210	414.	46.	0.08
MILE 365.82	595.18	201689.	1.54	131172.	7808.	6.95	0.0210	413.	42.	0.07
MILE 361.62	594.95	205930.	1.75	117442.	12903.	7.93	0.0210	414.	49.	0.10
MILE 357.41	594.78	210327.	1.50	140148.	24319.	7.85	0.0210	413.	58.	0.11
MILE 353.21	594.64	218268.	1.95	111799.	6786.	9.28	0.0230	414.	58.	0.08
MILE 349.00	594.25	221042.	1.91	115758.	3827.	9.73	0.0240	414.	60.	0.06

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	610.00	136759.	3.75	36491.	12670.	9.40	0.0230	3784.	34.	0.39
MILE 420.49	608.60	148021.	3.65	40530.	6580.	6.72	0.0230	502.	30.	0.26
MILE 416.28	607.34	153832.	3.96	38820.	5771.	7.40	0.0270	500.	28.	0.27
MILE 412.08	605.34	158454.	3.87	40970.	3931.	8.33	0.0270	502.	29.	0.21
MILE 407.88	603.68	162979.	3.76	43376.	4858.	7.84	0.0270	502.	27.	0.22
MILE 403.67	602.11	165631.	3.72	44513.	3315.	6.86	0.0240	500.	29.	0.18
MILE 399.47	600.68	173059.	2.97	58280.	12855.	6.95	0.0220	502.	37.	0.25
MILE 395.26	599.42	176008.	4.16	42305.	14772.	9.66	0.0220	500.	41.	0.43
MILE 391.06	598.23	181506.	3.52	51557.	2641.	7.82	0.0220	457.	32.	0.14
MILE 386.85	597.44	183471.	2.76	66453.	5198.	6.28	0.0210	412.	38.	0.14
MILE 382.64	596.78	185380.	2.20	84168.	10797.	6.38	0.0210	411.	34.	0.14
MILE 378.44	596.21	189133.	2.74	69118.	13250.	5.73	0.0210	411.	40.	0.21
MILE 374.23	595.84	193754.	1.78	109030.	14213.	6.69	0.0210	412.	37.	0.11

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MILE 370.03	595.56	198688.	1.69	117624.	8285.	7.16	0.0210	412.	46.	0.08
MILE 365.82	595.12	201953.	1.54	130780.	7803.	6.94	0.0210	411.	42.	0.07
MILE 361.62	594.89	207364.	1.77	117130.	12868.	7.92	0.0210	412.	49.	0.10
MILE 357.41	594.71	212492.	1.52	139739.	24247.	7.84	0.0210	411.	58.	0.11
MILE 353.21	594.58	220692.	1.98	111545.	6765.	9.27	0.0230	412.	58.	0.09
MILE 349.00	594.18	223383.	1.93	115492.	3825.	9.72	0.0240	412.	60.	0.06

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.88	136758.	3.77	36319.	12576.	9.38	0.0230	3759.	34.	0.39
MILE 420.49	608.45	147186.	3.66	40188.	6523.	6.74	0.0230	499.	29.	0.26
MILE 416.28	607.18	152464.	3.97	38447.	5720.	7.42	0.0270	498.	28.	0.27
MILE 412.08	605.22	156762.	3.85	40706.	3909.	8.32	0.0270	499.	29.	0.21
MILE 407.88	603.56	161064.	3.74	43064.	4816.	7.84	0.0270	499.	27.	0.22
MILE 403.67	602.00	163659.	3.72	44014.	3286.	6.89	0.0240	498.	29.	0.18
MILE 399.47	600.61	171158.	2.95	57943.	12758.	6.96	0.0220	499.	37.	0.24
MILE 395.26	599.36	174180.	4.13	42179.	14699.	9.66	0.0220	498.	41.	0.43
MILE 391.06	598.17	179872.	3.50	51388.	2639.	7.81	0.0220	455.	32.	0.14
MILE 386.85	597.39	181924.	2.75	66228.	5195.	6.26	0.0210	410.	38.	0.14
MILE 382.64	596.73	183949.	2.19	83900.	10754.	6.37	0.0210	409.	34.	0.14
MILE 378.44	596.16	188071.	2.73	68855.	13206.	5.71	0.0210	409.	40.	0.21
MILE 374.23	595.79	193586.	1.78	108694.	14201.	6.68	0.0210	410.	37.	0.11
MILE 370.03	595.51	199373.	1.70	117275.	8277.	7.14	0.0210	410.	46.	0.08
MILE 365.82	595.06	202794.	1.56	130329.	7797.	6.92	0.0210	409.	42.	0.07
MILE 361.62	594.83	207834.	1.78	116802.	12830.	7.90	0.0210	410.	49.	0.10
MILE 357.41	594.66	211232.	1.52	139383.	24184.	7.84	0.0210	409.	58.	0.11
MILE 353.21	594.54	213489.	1.92	111416.	6755.	9.26	0.0230	410.	58.	0.08
MILE 349.00	594.20	213851.	1.85	115567.	3826.	9.72	0.0240	410.	60.	0.06

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.77	136837.	3.78	36169.	12492.	9.37	0.0230	3738.	34.	0.39
MILE 420.49	608.32	146539.	3.67	39884.	6471.	6.75	0.0230	497.	29.	0.26
MILE 416.28	607.04	151345.	3.97	38111.	5673.	7.44	0.0270	496.	28.	0.27
MILE 412.08	605.11	155334.	3.84	40463.	3889.	8.31	0.0270	497.	29.	0.21
MILE 407.88	603.45	159408.	3.73	42769.	4776.	7.83	0.0270	497.	27.	0.22
MILE 403.67	601.90	161930.	3.72	43528.	3257.	6.92	0.0240	496.	29.	0.18
MILE 399.47	600.53	169360.	2.94	57606.	12660.	6.97	0.0220	497.	36.	0.24
MILE 395.26	599.29	172410.	4.10	42049.	14624.	9.65	0.0220	496.	41.	0.43

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MILE 391.06	598.11	178257.	3.48	51213.	2636.	7.80	0.0220	453.	32.	0.14
MILE 386.85	597.33	180424.	2.73	65987.	5192.	6.25	0.0210	409.	38.	0.14
MILE 382.64	596.68	182622.	2.18	83609.	10707.	6.35	0.0210	408.	33.	0.14
MILE 378.44	596.11	187171.	2.73	68564.	13157.	5.70	0.0210	408.	40.	0.21
MILE 374.23	595.73	192947.	1.78	108333.	14188.	6.66	0.0210	409.	37.	0.11
MILE 370.03	595.45	198171.	1.69	116940.	8270.	7.13	0.0210	409.	45.	0.08
MILE 365.82	595.01	200350.	1.54	130000.	7793.	6.91	0.0210	408.	42.	0.07
MILE 361.62	594.80	202360.	1.74	116630.	12811.	7.90	0.0210	409.	49.	0.10
MILE 357.41	594.64	203513.	1.46	139255.	24162.	7.84	0.0210	408.	58.	0.11
MILE 353.21	594.53	203519.	1.83	111375.	6752.	9.26	0.0230	409.	58.	0.08
MILE 349.00	594.22	203365.	1.76	115644.	3826.	9.73	0.0240	408.	60.	0.06

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.67	137007.	3.80	36036.	12418.	9.35	0.0230	3717.	34.	0.39
MILE 420.49	608.20	146056.	3.69	39612.	6425.	6.77	0.0230	495.	29.	0.26
MILE 416.28	606.92	150431.	3.98	37806.	5630.	7.45	0.0270	494.	28.	0.27
MILE 412.08	605.01	154131.	3.83	40239.	3870.	8.30	0.0270	495.	28.	0.21
MILE 407.88	603.35	157978.	3.72	42489.	4738.	7.83	0.0270	495.	27.	0.22
MILE 403.67	601.80	160414.	3.73	43061.	3230.	6.95	0.0240	494.	28.	0.18
MILE 399.47	600.46	167707.	2.93	57274.	12564.	6.98	0.0220	495.	36.	0.24
MILE 395.26	599.22	170768.	4.07	41917.	14548.	9.65	0.0220	494.	41.	0.42
MILE 391.06	598.05	176752.	3.46	51030.	2633.	7.80	0.0220	451.	32.	0.14
MILE 386.85	597.27	178990.	2.72	65733.	5189.	6.23	0.0210	407.	38.	0.13
MILE 382.64	596.62	181240.	2.18	83299.	10657.	6.34	0.0210	406.	33.	0.14
MILE 378.44	596.05	185670.	2.72	68274.	13108.	5.69	0.0210	406.	40.	0.21
MILE 374.23	595.68	189882.	1.76	108031.	14176.	6.65	0.0210	407.	37.	0.11
MILE 370.03	595.41	193190.	1.66	116710.	8266.	7.12	0.0210	407.	45.	0.08
MILE 365.82	594.99	194685.	1.50	129848.	7790.	6.91	0.0210	406.	42.	0.06
MILE 361.62	594.79	196191.	1.68	116563.	12803.	7.89	0.0210	407.	49.	0.10
MILE 357.41	594.63	197889.	1.42	139183.	24149.	7.83	0.0210	406.	58.	0.10
MILE 353.21	594.51	201470.	1.81	111289.	6745.	9.26	0.0230	407.	58.	0.08
MILE 349.00	594.18	202824.	1.76	115492.	3825.	9.72	0.0240	407.	60.	0.06

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.54	135431.	3.78	35870.	12325.	9.33	0.0230	3690.	34.	0.39
MILE 420.49	608.07	144805.	3.68	39334.	6377.	6.78	0.0230	493.	29.	0.26
MILE 416.28	606.79	149382.	3.98	37518.	5589.	7.47	0.0270	492.	28.	0.27

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MILE 412.08	604.91	153054.	3.82	40071.	3852.	8.28	0.0270	493.	28.	0.21
MILE 407.88	603.25	156745.	3.71	42226.	4703.	7.82	0.0270	493.	27.	0.22
MILE 403.67	601.70	159099.	3.73	42614.	3203.	6.98	0.0240	492.	28.	0.18
MILE 399.47	600.38	166223.	2.92	56950.	12469.	6.99	0.0220	493.	36.	0.24
MILE 395.26	599.16	169271.	4.05	41784.	14471.	9.65	0.0220	492.	41.	0.42
MILE 391.06	597.99	175233.	3.45	50847.	2631.	7.79	0.0220	449.	31.	0.14
MILE 386.85	597.21	177392.	2.71	65480.	5186.	6.22	0.0210	405.	38.	0.13
MILE 382.64	596.56	179435.	2.16	83007.	10611.	6.32	0.0210	404.	33.	0.14
MILE 378.44	596.01	183167.	2.69	68032.	13067.	5.67	0.0210	404.	40.	0.21
MILE 374.23	595.64	186291.	1.73	107797.	14168.	6.64	0.0210	405.	37.	0.11
MILE 370.03	595.38	189204.	1.62	116517.	8262.	7.11	0.0210	405.	45.	0.08
MILE 365.82	594.97	191284.	1.48	129669.	7784.	6.90	0.0210	404.	42.	0.06
MILE 361.62	594.76	194600.	1.67	116425.	12787.	7.89	0.0210	405.	49.	0.10
MILE 357.41	594.60	197482.	1.42	138999.	24117.	7.83	0.0210	404.	58.	0.10
MILE 353.21	594.48	202041.	1.82	111175.	6736.	9.25	0.0230	405.	58.	0.08
MILE 349.00	594.15	203525.	1.76	115378.	3824.	9.71	0.0240	405.	60.	0.06

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.39	132676.	3.72	35661.	12209.	9.31	0.0230	3663.	33.	0.38
MILE 420.49	607.93	142854.	3.66	39023.	6323.	6.80	0.0230	490.	29.	0.26
MILE 416.28	606.66	147919.	3.97	37213.	5545.	7.48	0.0270	489.	27.	0.27
MILE 412.08	604.82	151776.	3.80	39908.	3834.	8.27	0.0270	490.	28.	0.21
MILE 407.88	603.15	155517.	3.71	41969.	4668.	7.82	0.0270	490.	27.	0.22
MILE 403.67	601.61	157868.	3.74	42179.	3177.	7.01	0.0240	489.	28.	0.18
MILE 399.47	600.31	164844.	2.91	56636.	12377.	7.00	0.0220	490.	36.	0.24
MILE 395.26	599.09	167830.	4.03	41654.	14396.	9.65	0.0220	489.	41.	0.42
MILE 391.06	597.93	173523.	3.42	50674.	2628.	7.78	0.0220	447.	31.	0.14
MILE 386.85	597.16	175549.	2.69	65251.	5184.	6.20	0.0210	403.	38.	0.13
MILE 382.64	596.51	177425.	2.14	82751.	10569.	6.31	0.0210	402.	33.	0.14
MILE 378.44	595.97	180877.	2.67	67815.	13030.	5.66	0.0210	402.	40.	0.21
MILE 374.23	595.61	184637.	1.72	107553.	14159.	6.63	0.0210	403.	37.	0.11
MILE 370.03	595.34	188435.	1.62	116280.	8257.	7.10	0.0210	403.	45.	0.08
MILE 365.82	594.93	190693.	1.47	129402.	7776.	6.90	0.0210	402.	42.	0.06
MILE 361.62	594.72	194239.	1.67	116229.	12765.	7.88	0.0210	403.	49.	0.10
MILE 357.41	594.56	198619.	1.43	138721.	24067.	7.83	0.0210	402.	58.	0.11
MILE 353.21	594.42	207707.	1.87	110938.	6716.	9.24	0.0230	403.	58.	0.08
MILE 349.00	594.05	210878.	1.83	114997.	3821.	9.69	0.0240	403.	60.	0.06

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.27	132565.	3.73	35503.	12121.	9.29	0.0230	3637.	33.	0.38
MILE 420.49	607.80	142053.	3.67	38733.	6272.	6.82	0.0230	488.	29.	0.26
MILE 416.28	606.53	146667.	3.97	36904.	5500.	7.50	0.0270	487.	27.	0.27
MILE 412.08	604.71	150304.	3.78	39727.	3815.	8.24	0.0270	488.	28.	0.21
MILE 407.88	603.05	154140.	3.70	41704.	4631.	7.82	0.0270	488.	27.	0.22
MILE 403.67	601.51	156539.	3.75	41745.	3150.	7.04	0.0240	487.	28.	0.18
MILE 399.47	600.24	163412.	2.90	56331.	12287.	7.01	0.0220	488.	36.	0.24
MILE 395.26	599.03	166325.	4.00	41530.	14324.	9.64	0.0220	487.	41.	0.41
MILE 391.06	597.87	171774.	3.40	50512.	2625.	7.78	0.0220	445.	31.	0.14
MILE 386.85	597.11	173770.	2.67	65035.	5181.	6.19	0.0210	402.	38.	0.13
MILE 382.64	596.47	175687.	2.13	82505.	10530.	6.30	0.0210	401.	33.	0.13
MILE 378.44	595.92	179353.	2.65	67587.	12992.	5.65	0.0210	401.	40.	0.21
MILE 374.23	595.56	183608.	1.71	107281.	14149.	6.62	0.0210	402.	37.	0.11
MILE 370.03	595.30	188369.	1.62	116001.	8251.	7.09	0.0210	402.	45.	0.08
MILE 365.82	594.88	191775.	1.49	129021.	7763.	6.89	0.0210	401.	42.	0.06
MILE 361.62	594.66	197518.	1.70	115907.	12729.	7.87	0.0210	402.	49.	0.10
MILE 357.41	594.49	201966.	1.46	138320.	23997.	7.82	0.0210	401.	58.	0.11
MILE 353.21	594.38	207091.	1.87	110748.	6701.	9.23	0.0230	402.	57.	0.08
MILE 349.00	594.03	208579.	1.81	114921.	3821.	9.69	0.0240	401.	60.	0.06

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	609.16	132377.	3.74	35355.	12037.	9.28	0.0230	3611.	33.	0.39
MILE 420.49	607.68	141370.	3.67	38473.	6225.	6.84	0.0230	486.	29.	0.26
MILE 416.28	606.41	145652.	3.98	36632.	5460.	7.52	0.0270	485.	27.	0.27
MILE 412.08	604.60	149124.	3.77	39537.	3794.	8.22	0.0270	486.	28.	0.21
MILE 407.88	602.94	152774.	3.69	41421.	4593.	7.81	0.0270	486.	27.	0.22
MILE 403.67	601.41	155103.	3.76	41300.	3123.	7.08	0.0240	485.	28.	0.18
MILE 399.47	600.17	161869.	2.89	56029.	12197.	7.02	0.0220	486.	36.	0.24
MILE 395.26	598.97	164759.	3.98	41409.	14253.	9.64	0.0220	485.	40.	0.41
MILE 391.06	597.82	170171.	3.38	50352.	2623.	7.77	0.0220	443.	31.	0.14
MILE 386.85	597.06	172192.	2.66	64818.	5179.	6.18	0.0210	400.	38.	0.13
MILE 382.64	596.42	174190.	2.12	82247.	10489.	6.28	0.0210	399.	33.	0.13
MILE 378.44	595.87	178212.	2.65	67335.	12949.	5.64	0.0210	399.	39.	0.20
MILE 374.23	595.51	183840.	1.72	106948.	14136.	6.61	0.0210	400.	37.	0.11
MILE 370.03	595.24	189478.	1.64	115656.	8244.	7.08	0.0210	400.	45.	0.08
MILE 365.82	594.82	192218.	1.49	128614.	7750.	6.88	0.0210	399.	42.	0.06
MILE 361.62	594.61	195686.	1.69	115644.	12699.	7.85	0.0210	400.	49.	0.10
MILE 357.41	594.45	198644.	1.44	138046.	23948.	7.82	0.0210	399.	58.	0.11
MILE 353.21	594.34	202262.	1.83	110603.	6690.	9.22	0.0230	400.	57.	0.08
MILE 349.00	594.01	203330.	1.77	114845.	3820.	9.68	0.0240	400.	60.	0.06

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TIME 13.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	609.05	132194.	3.75	35217.	11960.	9.26	0.0230	3582. 33. 0.39
MILE 420.49	607.56	140746.	3.68	38234.	6182.	6.86	0.0230	484. 29. 0.26
MILE 416.28	606.30	144759.	3.98	36377.	5423.	7.54	0.0270	483. 27. 0.27
MILE 412.08	604.49	148039.	3.76	39353.	3774.	8.20	0.0270	484. 28. 0.21
MILE 407.88	602.84	151533.	3.68	41143.	4554.	7.81	0.0270	484. 27. 0.22
MILE 403.67	601.31	153809.	3.76	40862.	3095.	7.11	0.0240	483. 28. 0.18
MILE 399.47	600.10	160361.	2.88	55728.	12107.	7.03	0.0220	484. 36. 0.24
MILE 395.26	598.91	163223.	3.95	41289.	14184.	9.64	0.0220	483. 40. 0.41
MILE 391.06	597.76	168689.	3.36	50189.	2620.	7.76	0.0220	442. 31. 0.14
MILE 386.85	597.00	170814.	2.64	64589.	5176.	6.16	0.0210	400. 38. 0.13
MILE 382.64	596.37	172993.	2.11	81964.	10443.	6.27	0.0210	399. 33. 0.13
MILE 378.44	595.82	177360.	2.65	67052.	12901.	5.63	0.0210	399. 39. 0.20
MILE 374.23	595.46	182316.	1.71	106618.	14124.	6.60	0.0210	400. 37. 0.11
MILE 370.03	595.20	186904.	1.62	115364.	8238.	7.07	0.0210	400. 45. 0.08
MILE 365.82	594.78	189270.	1.47	128325.	7740.	6.87	0.0210	399. 42. 0.06
MILE 361.62	594.58	192049.	1.66	115465.	12678.	7.85	0.0210	400. 49. 0.10
MILE 357.41	594.43	192942.	1.40	137904.	23923.	7.82	0.0210	399. 58. 0.10
MILE 353.21	594.34	190767.	1.72	110609.	6690.	9.22	0.0230	400. 57. 0.07
MILE 349.00	594.07	189799.	1.65	115073.	3822.	9.70	0.0240	399. 60. 0.05

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TIME 14.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	608.96	132189.	3.77	35095.	11892.	9.25	0.0230	3554. 33. 0.39
MILE 420.49	607.46	140280.	3.69	38014.	6142.	6.88	0.0230	483. 28. 0.26
MILE 416.28	606.20	144002.	3.98	36138.	5387.	7.55	0.0270	481. 27. 0.27
MILE 412.08	604.39	147120.	3.76	39179.	3755.	8.18	0.0270	483. 28. 0.20
MILE 407.88	602.74	150498.	3.68	40888.	4519.	7.80	0.0270	483. 26. 0.22
MILE 403.67	601.23	152674.	3.77	40501.	3073.	7.15	0.0240	481. 28. 0.18
MILE 399.47	600.03	158986.	2.87	55408.	12011.	7.04	0.0220	483. 36. 0.24
MILE 395.26	598.85	161794.	3.93	41166.	14112.	9.63	0.0220	481. 40. 0.41
MILE 391.06	597.70	167350.	3.35	50018.	2618.	7.76	0.0220	441. 31. 0.13
MILE 386.85	596.95	169485.	2.63	64348.	5173.	6.15	0.0210	399. 38. 0.13
MILE 382.64	596.31	171600.	2.10	81674.	10397.	6.26	0.0210	398. 33. 0.13
MILE 378.44	595.77	175643.	2.63	66788.	12856.	5.62	0.0210	398. 39. 0.20
MILE 374.23	595.41	179805.	1.69	106331.	14114.	6.59	0.0210	399. 37. 0.11
MILE 370.03	595.16	182975.	1.59	115137.	8233.	7.06	0.0210	399. 45. 0.07
MILE 365.82	594.76	183859.	1.43	128196.	7736.	6.87	0.0210	398. 42. 0.06

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MILE 361.62	594.57	183859.	1.59	115452.	12677.	7.85	0.0210	399.	49.	0.09
MILE 357.41	594.43	184472.	1.34	137928.	23927.	7.82	0.0210	398.	58.	0.10
MILE 353.21	594.33	186642.	1.69	110571.	6687.	9.22	0.0230	399.	57.	0.07
MILE 349.00	594.04	187531.	1.63	114959.	3821.	9.69	0.0240	399.	60.	0.05

0DATE 5-12-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.88	132189.	3.78	34982.	11828.	9.24	0.0230	3525.	33.	0.39
MILE 420.49	607.36	139904.	3.70	37814.	6105.	6.89	0.0230	481.	28.	0.26
MILE 416.28	606.10	143394.	3.99	35922.	5355.	7.57	0.0270	480.	27.	0.27
MILE 412.08	604.30	146339.	3.75	39022.	3738.	8.17	0.0270	481.	28.	0.20
MILE 407.88	602.65	149541.	3.68	40658.	4487.	7.80	0.0270	481.	26.	0.22
MILE 403.67	601.15	151646.	3.78	40156.	3051.	7.18	0.0240	480.	28.	0.18
MILE 399.47	599.96	157692.	2.86	55069.	11915.	7.04	0.0220	481.	36.	0.23
MILE 395.26	598.78	160519.	3.91	41038.	14037.	9.63	0.0220	480.	40.	0.40
MILE 391.06	597.64	165918.	3.33	49846.	2615.	7.75	0.0220	440.	31.	0.13
MILE 386.85	596.89	167973.	2.62	64112.	5171.	6.13	0.0210	399.	38.	0.13
MILE 382.64	596.26	169939.	2.09	81402.	10353.	6.24	0.0210	398.	33.	0.13
MILE 378.44	595.73	173405.	2.61	66561.	12818.	5.60	0.0210	398.	39.	0.20
MILE 374.23	595.38	175663.	1.66	106134.	14106.	6.58	0.0210	399.	37.	0.11
MILE 370.03	595.14	177508.	1.54	115005.	8231.	7.05	0.0210	399.	45.	0.07
MILE 365.82	594.75	179055.	1.40	128119.	7734.	6.86	0.0210	398.	42.	0.06
MILE 361.62	594.56	181380.	1.57	115391.	12670.	7.84	0.0210	399.	49.	0.09
MILE 357.41	594.42	182408.	1.32	137866.	23916.	7.81	0.0210	398.	58.	0.10
MILE 353.21	594.33	182304.	1.65	110580.	6688.	9.22	0.0230	399.	57.	0.07
MILE 349.00	594.07	182201.	1.58	115073.	3822.	9.70	0.0240	399.	60.	0.05

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.80	132125.	3.79	34874.	11767.	9.22	0.0230	3497.	33.	0.39
MILE 420.49	607.28	139545.	3.71	37630.	6071.	6.91	0.0230	479.	28.	0.26
MILE 416.28	606.01	142845.	4.00	35725.	5325.	7.58	0.0270	478.	27.	0.27
MILE 412.08	604.21	145641.	3.75	38877.	3723.	8.15	0.0270	479.	28.	0.20
MILE 407.88	602.57	148685.	3.68	40441.	4457.	7.80	0.0270	479.	26.	0.22
MILE 403.67	601.08	150707.	3.78	39827.	3030.	7.21	0.0240	478.	28.	0.18
MILE 399.47	599.88	156495.	2.86	54722.	11819.	7.04	0.0220	479.	36.	0.23
MILE 395.26	598.72	159208.	3.89	40910.	13961.	9.63	0.0220	478.	40.	0.40
MILE 391.06	597.58	164351.	3.31	49680.	2613.	7.74	0.0220	439.	31.	0.13
MILE 386.85	596.84	166236.	2.60	63894.	5168.	6.12	0.0210	399.	38.	0.13

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MILE 382.64	596.21	167923.	2.07	81169.	10316.	6.23	0.0210	398.	33.	0.13
MILE 378.44	595.69	170790.	2.57	66384.	12787.	5.60	0.0210	398.	39.	0.20
MILE 374.23	595.35	173534.	1.64	105952.	14100.	6.57	0.0210	399.	37.	0.11
MILE 370.03	595.11	175839.	1.53	114847.	8227.	7.05	0.0210	399.	45.	0.07
MILE 365.82	594.74	176677.	1.38	128012.	7730.	6.86	0.0210	398.	42.	0.06
MILE 361.62	594.56	176851.	1.53	115371.	12668.	7.84	0.0210	399.	49.	0.09
MILE 357.41	594.43	175894.	1.28	137929.	23927.	7.82	0.0210	398.	58.	0.09
MILE 353.21	594.36	172004.	1.55	110687.	6696.	9.23	0.0230	399.	57.	0.07
MILE 349.00	594.14	170572.	1.48	115339.	3824.	9.71	0.0240	399.	60.	0.05

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.72	132244.	3.80	34777.	11712.	9.21	0.0230	3471.	33.	0.39
MILE 420.49	607.19	139305.	3.72	37461.	6039.	6.92	0.0230	478.	28.	0.26
MILE 416.28	605.93	142371.	4.01	35541.	5298.	7.60	0.0270	476.	27.	0.27
MILE 412.08	604.13	145004.	3.74	38740.	3708.	8.13	0.0270	478.	28.	0.20
MILE 407.88	602.49	147900.	3.68	40235.	4428.	7.79	0.0270	478.	26.	0.21
MILE 403.67	601.00	149840.	3.79	39510.	3010.	7.24	0.0240	476.	28.	0.18
MILE 399.47	599.81	155329.	2.86	54385.	11726.	7.05	0.0220	478.	36.	0.23
MILE 395.26	598.65	157903.	3.87	40785.	13888.	9.62	0.0220	476.	40.	0.40
MILE 391.06	597.53	162655.	3.28	49526.	2610.	7.74	0.0220	438.	31.	0.13
MILE 386.85	596.79	164454.	2.58	63698.	5166.	6.11	0.0210	398.	38.	0.13
MILE 382.64	596.17	166119.	2.05	80959.	10282.	6.22	0.0210	397.	33.	0.13
MILE 378.44	595.66	168962.	2.55	66210.	12758.	5.59	0.0210	397.	39.	0.20
MILE 374.23	595.33	170878.	1.62	105799.	14094.	6.57	0.0210	398.	37.	0.10
MILE 370.03	595.10	171712.	1.50	114769.	8226.	7.04	0.0210	398.	45.	0.07
MILE 365.82	594.74	171451.	1.34	128073.	7732.	6.86	0.0210	397.	42.	0.06
MILE 361.62	594.58	169818.	1.47	115485.	12681.	7.85	0.0210	398.	49.	0.09
MILE 357.41	594.46	168575.	1.22	138105.	23959.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.38	167016.	1.51	110766.	6703.	9.23	0.0230	398.	57.	0.07
MILE 349.00	594.15	166780.	1.45	115377.	3824.	9.71	0.0240	398.	60.	0.05

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.66	132329.	3.81	34687.	11662.	9.20	0.0230	3444.	33.	0.39
MILE 420.49	607.12	139090.	3.73	37307.	6010.	6.94	0.0230	476.	28.	0.26
MILE 416.28	605.85	141963.	4.01	35372.	5272.	7.61	0.0270	475.	27.	0.27
MILE 412.08	604.06	144443.	3.74	38612.	3694.	8.12	0.0270	476.	27.	0.20
MILE 407.88	602.41	147180.	3.68	40040.	4400.	7.79	0.0270	476.	26.	0.21

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MILE 403.67	600.93	149027.	3.80	39208.	2990.	7.28	0.0240	475.	28.	0.18
MILE 399.47	599.74	154170.	2.85	54061.	11636.	7.05	0.0220	476.	36.	0.23
MILE 395.26	598.59	156611.	3.85	40667.	13818.	9.62	0.0220	475.	40.	0.40
MILE 391.06	597.48	161108.	3.26	49380.	2608.	7.73	0.0220	437.	31.	0.13
MILE 386.85	596.75	162796.	2.56	63512.	5164.	6.10	0.0210	398.	38.	0.13
MILE 382.64	596.14	164270.	2.03	80768.	10251.	6.21	0.0210	397.	33.	0.13
MILE 378.44	595.64	166452.	2.52	66084.	12737.	5.58	0.0210	397.	39.	0.19
MILE 374.23	595.32	166808.	1.58	105732.	14091.	6.57	0.0210	398.	37.	0.10
MILE 370.03	595.10	166556.	1.45	114768.	8226.	7.04	0.0210	398.	45.	0.07
MILE 365.82	594.76	166723.	1.30	128167.	7735.	6.86	0.0210	397.	42.	0.06
MILE 361.62	594.60	166757.	1.44	115562.	12689.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.48	166236.	1.20	138208.	23977.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.40	164652.	1.49	110845.	6709.	9.23	0.0230	398.	58.	0.06
MILE 349.00	594.18	164272.	1.42	115491.	3825.	9.72	0.0240	398.	60.	0.05

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.59	132413.	3.83	34603.	11615.	9.19	0.0230	3412.	33.	0.39
MILE 420.49	607.05	138901.	3.74	37163.	5983.	6.95	0.0230	476.	28.	0.26
MILE 416.28	605.78	141596.	4.02	35215.	5248.	7.62	0.0270	475.	27.	0.27
MILE 412.08	603.99	143931.	3.74	38491.	3681.	8.10	0.0270	476.	27.	0.20
MILE 407.88	602.34	146512.	3.68	39855.	4374.	7.79	0.0270	476.	26.	0.21
MILE 403.67	600.87	148268.	3.81	38923.	2972.	7.31	0.0240	475.	28.	0.19
MILE 399.47	599.67	153082.	2.85	53753.	11550.	7.05	0.0220	476.	36.	0.23
MILE 395.26	598.53	155389.	3.83	40554.	13752.	9.62	0.0220	475.	40.	0.39
MILE 391.06	597.43	159511.	3.24	49246.	2606.	7.73	0.0220	437.	31.	0.13
MILE 386.85	596.71	160996.	2.54	63352.	5162.	6.09	0.0210	398.	38.	0.13
MILE 382.64	596.11	162189.	2.01	80622.	10228.	6.20	0.0210	397.	33.	0.13
MILE 378.44	595.62	163802.	2.48	66003.	12723.	5.58	0.0210	397.	39.	0.19
MILE 374.23	595.31	164425.	1.56	105684.	14090.	6.56	0.0210	398.	37.	0.10
MILE 370.03	595.10	164643.	1.43	114746.	8225.	7.04	0.0210	398.	45.	0.07
MILE 365.82	594.76	164660.	1.28	128208.	7736.	6.87	0.0210	397.	42.	0.06
MILE 361.62	594.61	164235.	1.42	115618.	12696.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.49	164321.	1.19	138279.	23989.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.40	165364.	1.49	110861.	6710.	9.23	0.0230	398.	58.	0.06
MILE 349.00	594.17	165894.	1.44	115454.	3825.	9.72	0.0240	398.	60.	0.05

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	608.54	132591.	3.84	34529.	11573.	9.19	0.0230	3380.	33.	0.39
MILE 420.49	606.98	138777.	3.75	37033.	5958.	6.96	0.0230	476.	28.	0.26
MILE 416.28	605.71	141278.	4.03	35070.	5225.	7.63	0.0270	475.	27.	0.27
MILE 412.08	603.92	143464.	3.74	38378.	3668.	8.09	0.0270	476.	27.	0.20
MILE 407.88	602.27	145894.	3.68	39680.	4350.	7.79	0.0270	476.	26.	0.21
MILE 403.67	600.80	147560.	3.82	38654.	2954.	7.34	0.0240	475.	28.	0.19
MILE 399.47	599.61	152027.	2.84	53463.	11469.	7.05	0.0220	476.	36.	0.23
MILE 395.26	598.48	154163.	3.81	40449.	13690.	9.62	0.0220	475.	40.	0.39
MILE 391.06	597.39	157847.	3.21	49129.	2604.	7.72	0.0220	437.	31.	0.13
MILE 386.85	596.68	159215.	2.52	63218.	5160.	6.08	0.0210	398.	38.	0.13
MILE 382.64	596.09	160352.	1.99	80502.	10209.	6.20	0.0210	397.	33.	0.13
MILE 378.44	595.61	161941.	2.46	65927.	12710.	5.57	0.0210	397.	39.	0.19
MILE 374.23	595.30	162531.	1.54	105635.	14088.	6.56	0.0210	398.	37.	0.10
MILE 370.03	595.09	163033.	1.42	114721.	8225.	7.04	0.0210	398.	45.	0.07
MILE 365.82	594.76	163687.	1.28	128203.	7736.	6.87	0.0210	397.	42.	0.06
MILE 361.62	594.60	164655.	1.42	115606.	12694.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.48	165170.	1.19	138264.	23987.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.41	165282.	1.49	110869.	6711.	9.24	0.0230	398.	58.	0.06
MILE 349.00	594.18	165454.	1.43	115491.	3825.	9.72	0.0240	398.	60.	0.05

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TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.48	132752.	3.85	34461.	11534.	9.18	0.0230	3354.	32.	0.39
MILE 420.49	606.92	138671.	3.76	36913.	5935.	6.98	0.0230	477.	28.	0.27
MILE 416.28	605.65	141002.	4.04	34936.	5205.	7.65	0.0270	476.	26.	0.27
MILE 412.08	603.86	143048.	3.74	38272.	3657.	8.08	0.0270	477.	27.	0.20
MILE 407.88	602.21	145322.	3.68	39517.	4327.	7.78	0.0270	477.	26.	0.21
MILE 403.67	600.74	146890.	3.83	38402.	2938.	7.37	0.0240	476.	27.	0.19
MILE 399.47	599.55	150981.	2.84	53193.	11393.	7.06	0.0220	477.	35.	0.23
MILE 395.26	598.43	152960.	3.79	40353.	13633.	9.62	0.0220	476.	40.	0.39
MILE 391.06	597.35	156352.	3.19	49022.	2602.	7.72	0.0220	437.	31.	0.13
MILE 386.85	596.65	157640.	2.50	63094.	5159.	6.07	0.0210	398.	38.	0.13
MILE 382.64	596.07	158726.	1.97	80390.	10191.	6.19	0.0210	397.	33.	0.12
MILE 378.44	595.59	160322.	2.43	65853.	12697.	5.57	0.0210	397.	39.	0.19
MILE 374.23	595.29	161683.	1.53	105561.	14085.	6.56	0.0210	398.	37.	0.10
MILE 370.03	595.08	162818.	1.42	114655.	8223.	7.04	0.0210	398.	45.	0.07
MILE 365.82	594.75	163366.	1.27	128154.	7735.	6.86	0.0210	397.	42.	0.06
MILE 361.62	594.60	163805.	1.42	115586.	12692.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.48	164424.	1.19	138248.	23984.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.40	165554.	1.49	110850.	6709.	9.23	0.0230	398.	58.	0.06
MILE 349.00	594.17	166107.	1.44	115454.	3825.	9.72	0.0240	398.	60.	0.05

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.44	132972.	3.87	34400.	11500.	9.17	0.0230	3327.	32.	0.39
MILE 420.49	606.87	138615.	3.77	36805.	5914.	6.99	0.0230	477.	28.	0.27
MILE 416.28	605.60	140766.	4.04	34813.	5186.	7.66	0.0270	476.	26.	0.28
MILE 412.08	603.80	142667.	3.74	38173.	3646.	8.07	0.0270	477.	27.	0.20
MILE 407.88	602.15	144786.	3.68	39364.	4305.	7.78	0.0270	477.	26.	0.21
MILE 403.67	600.69	146260.	3.83	38168.	2922.	7.40	0.0240	476.	27.	0.19
MILE 399.47	599.50	150009.	2.83	52943.	11322.	7.06	0.0220	477.	35.	0.23
MILE 395.26	598.39	151857.	3.77	40263.	13580.	9.61	0.0220	476.	40.	0.39
MILE 391.06	597.32	155011.	3.17	48921.	2601.	7.72	0.0220	437.	31.	0.13
MILE 386.85	596.62	156275.	2.48	62975.	5158.	6.06	0.0210	398.	38.	0.13
MILE 382.64	596.04	157412.	1.96	80274.	10172.	6.19	0.0210	397.	33.	0.12
MILE 378.44	595.58	159172.	2.42	65762.	12682.	5.57	0.0210	397.	39.	0.19
MILE 374.23	595.28	160467.	1.52	105476.	14082.	6.56	0.0210	398.	37.	0.10
MILE 370.03	595.07	161654.	1.41	114589.	8222.	7.04	0.0210	398.	45.	0.07
MILE 365.82	594.75	162517.	1.27	128096.	7733.	6.86	0.0210	397.	42.	0.05
MILE 361.62	594.59	163692.	1.42	115542.	12687.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.47	164723.	1.19	138190.	23974.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.39	166122.	1.50	110814.	6707.	9.23	0.0230	398.	57.	0.06
MILE 349.00	594.16	166782.	1.45	115415.	3825.	9.72	0.0240	398.	60.	0.05

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.40	133108.	3.88	34344.	11468.	9.17	0.0230	3300.	32.	0.39
MILE 420.49	606.82	138537.	3.77	36705.	5895.	7.00	0.0230	477.	28.	0.27
MILE 416.28	605.54	140550.	4.05	34700.	5168.	7.67	0.0270	476.	26.	0.28
MILE 412.08	603.75	142325.	3.74	38083.	3636.	8.06	0.0270	477.	27.	0.20
MILE 407.88	602.09	144296.	3.68	39223.	4285.	7.78	0.0270	477.	26.	0.21
MILE 403.67	600.64	145681.	3.84	37953.	2908.	7.42	0.0240	476.	27.	0.19
MILE 399.47	599.45	149134.	2.83	52712.	11256.	7.06	0.0220	477.	35.	0.23
MILE 395.26	598.34	150877.	3.76	40180.	13531.	9.61	0.0220	476.	40.	0.38
MILE 391.06	597.28	153878.	3.15	48823.	2599.	7.71	0.0220	437.	31.	0.13
MILE 386.85	596.60	155098.	2.47	62855.	5156.	6.05	0.0210	398.	37.	0.12
MILE 382.64	596.02	156199.	1.95	80154.	10153.	6.18	0.0210	397.	33.	0.12
MILE 378.44	595.56	157924.	2.40	65669.	12666.	5.56	0.0210	397.	39.	0.19
MILE 374.23	595.26	159553.	1.51	105378.	14078.	6.55	0.0210	398.	37.	0.10
MILE 370.03	595.06	161108.	1.41	114499.	8220.	7.03	0.0210	398.	45.	0.07
MILE 365.82	594.73	162089.	1.27	128002.	7730.	6.86	0.0210	397.	42.	0.05
MILE 361.62	594.58	163302.	1.41	115479.	12680.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.46	164038.	1.19	138133.	23964.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.39	164250.	1.48	110801.	6706.	9.23	0.0230	398.	57.	0.06

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MILE 349.00 594.17 164427. 1.42 115453. 3825. 9.72 0.0240 398. 60. 0.05

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TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.35	133051.	3.88	34287.	11436.	9.16	0.0230	3274.	32.	0.39
MILE 420.49	606.77	138372.	3.78	36611.	5876.	7.01	0.0230	478.	28.	0.27
MILE 416.28	605.49	140312.	4.06	34595.	5152.	7.68	0.0270	476.	26.	0.28
MILE 412.08	603.70	141997.	3.74	37999.	3627.	8.05	0.0270	478.	27.	0.20
MILE 407.88	602.04	143847.	3.68	39093.	4266.	7.78	0.0270	478.	26.	0.21
MILE 403.67	600.59	145158.	3.84	37754.	2895.	7.45	0.0240	476.	27.	0.19
MILE 399.47	599.40	148366.	2.83	52497.	11196.	7.06	0.0220	478.	35.	0.23
MILE 395.26	598.30	150017.	3.74	40101.	13484.	9.61	0.0220	476.	40.	0.38
MILE 391.06	597.25	152841.	3.14	48730.	2598.	7.71	0.0220	438.	31.	0.13
MILE 386.85	596.57	154029.	2.46	62738.	5155.	6.05	0.0210	398.	37.	0.12
MILE 382.64	596.00	155143.	1.94	80031.	10133.	6.17	0.0210	397.	33.	0.12
MILE 378.44	595.54	156954.	2.39	65566.	12648.	5.56	0.0210	397.	39.	0.19
MILE 374.23	595.24	158705.	1.51	105267.	14074.	6.55	0.0210	398.	37.	0.10
MILE 370.03	595.04	160184.	1.40	114406.	8218.	7.03	0.0210	398.	45.	0.07
MILE 365.82	594.72	160878.	1.26	127932.	7727.	6.86	0.0210	397.	42.	0.05
MILE 361.62	594.57	161525.	1.40	115447.	12676.	7.85	0.0210	398.	49.	0.08
MILE 357.41	594.46	162645.	1.18	138091.	23956.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.37	165145.	1.49	110745.	6701.	9.23	0.0230	398.	57.	0.06
MILE 349.00	594.14	166221.	1.44	115339.	3824.	9.71	0.0240	398.	60.	0.05

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.31	132835.	3.88	34228.	11402.	9.15	0.0230	3245.	32.	0.39
MILE 420.49	606.72	138116.	3.78	36517.	5858.	7.02	0.0230	478.	28.	0.27
MILE 416.28	605.45	140031.	4.06	34494.	5136.	7.68	0.0270	477.	26.	0.28
MILE 412.08	603.65	141660.	3.74	37919.	3618.	8.04	0.0270	478.	27.	0.20
MILE 407.88	601.99	143423.	3.68	38971.	4249.	7.78	0.0270	478.	26.	0.21
MILE 403.67	600.54	144676.	3.85	37569.	2883.	7.48	0.0240	477.	27.	0.19
MILE 399.47	599.36	147673.	2.82	52296.	11138.	7.07	0.0220	478.	35.	0.23
MILE 395.26	598.26	149244.	3.73	40027.	13440.	9.61	0.0220	477.	40.	0.38
MILE 391.06	597.22	151937.	3.12	48639.	2597.	7.70	0.0220	438.	31.	0.13
MILE 386.85	596.54	153097.	2.44	62621.	5153.	6.04	0.0210	398.	37.	0.12
MILE 382.64	595.97	154191.	1.93	79906.	10113.	6.17	0.0210	397.	33.	0.12
MILE 378.44	595.52	155918.	2.38	65463.	12631.	5.55	0.0210	397.	39.	0.18
MILE 374.23	595.23	157317.	1.50	105168.	14071.	6.54	0.0210	398.	37.	0.10

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MILE 370.03	595.03	158785.	1.39	114322.	8217.	7.03	0.0210	398.	45.	0.07
MILE 365.82	594.71	160060.	1.25	127835.	7724.	6.86	0.0210	397.	42.	0.05
MILE 361.62	594.56	162070.	1.40	115362.	12667.	7.84	0.0210	398.	49.	0.08
MILE 357.41	594.44	163481.	1.18	137986.	23938.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.36	164823.	1.49	110702.	6698.	9.23	0.0230	398.	57.	0.06
MILE 349.00	594.14	165379.	1.43	115339.	3824.	9.71	0.0240	398.	60.	0.05

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.26	132511.	3.88	34165.	11367.	9.15	0.0230	3216.	32.	0.39
MILE 420.49	606.67	137787.	3.78	36423.	5839.	7.03	0.0230	479.	28.	0.27
MILE 416.28	605.40	139701.	4.06	34394.	5120.	7.69	0.0270	478.	26.	0.28
MILE 412.08	603.60	141299.	3.73	37842.	3610.	8.03	0.0270	479.	27.	0.20
MILE 407.88	601.95	143003.	3.68	38855.	4232.	7.78	0.0270	479.	26.	0.21
MILE 403.67	600.50	144214.	3.86	37394.	2871.	7.50	0.0240	478.	27.	0.19
MILE 399.47	599.31	147043.	2.82	52108.	11085.	7.07	0.0220	479.	35.	0.23
MILE 395.26	598.23	148551.	3.72	39956.	13398.	9.61	0.0220	478.	40.	0.38
MILE 391.06	597.19	151106.	3.11	48552.	2595.	7.70	0.0220	438.	31.	0.13
MILE 386.85	596.51	152204.	2.43	62509.	5152.	6.03	0.0210	398.	37.	0.12
MILE 382.64	595.95	153234.	1.92	79787.	10094.	6.16	0.0210	397.	33.	0.12
MILE 378.44	595.50	154913.	2.37	65363.	12614.	5.55	0.0210	397.	39.	0.18
MILE 374.23	595.21	156957.	1.49	105048.	14066.	6.54	0.0210	398.	37.	0.10
MILE 370.03	595.01	158904.	1.39	114203.	8214.	7.02	0.0210	398.	45.	0.07
MILE 365.82	594.69	159908.	1.25	127712.	7720.	6.85	0.0210	397.	41.	0.05
MILE 361.62	594.54	161089.	1.40	115287.	12658.	7.84	0.0210	398.	49.	0.08
MILE 357.41	594.43	162620.	1.18	137895.	23921.	7.82	0.0210	397.	58.	0.09
MILE 353.21	594.34	165581.	1.50	110625.	6691.	9.22	0.0230	398.	57.	0.06
MILE 349.00	594.11	166735.	1.45	115225.	3823.	9.71	0.0240	398.	60.	0.05

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	608.01	123097.	3.64	33839.	11181.	9.11	0.0230	3195.	32.	0.37
MILE 420.49	606.54	132874.	3.67	36160.	5787.	7.06	0.0230	480.	28.	0.26
MILE 416.28	605.33	137717.	4.02	34234.	5095.	7.71	0.0270	479.	26.	0.27
MILE 412.08	603.55	140503.	3.72	37754.	3600.	8.02	0.0270	480.	27.	0.20
MILE 407.88	601.90	142516.	3.68	38741.	4216.	7.78	0.0270	480.	26.	0.21
MILE 403.67	600.46	143747.	3.86	37227.	2859.	7.52	0.0240	479.	27.	0.19
MILE 399.47	599.27	146449.	2.82	51929.	11034.	7.07	0.0220	480.	35.	0.23
MILE 395.26	598.19	147894.	3.71	39889.	13358.	9.60	0.0220	479.	40.	0.38

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MILE 391.06	597.16	150315.	3.10	48469.	2594.	7.70	0.0220	439.	31.	0.13
MILE 386.85	596.49	151411.	2.43	62400.	5151.	6.03	0.0210	398.	37.	0.12
MILE 382.64	595.93	152495.	1.91	79665.	10074.	6.16	0.0210	397.	33.	0.12
MILE 378.44	595.48	154308.	2.36	65251.	12595.	5.54	0.0210	397.	39.	0.18
MILE 374.23	595.19	156114.	1.49	104927.	14062.	6.54	0.0210	398.	37.	0.10
MILE 370.03	594.99	158027.	1.39	114092.	8209.	7.02	0.0210	398.	45.	0.07
MILE 365.82	594.67	159471.	1.25	127580.	7716.	6.85	0.0210	397.	41.	0.05
MILE 361.62	594.52	161797.	1.40	115175.	12645.	7.84	0.0210	398.	49.	0.08
MILE 357.41	594.40	164181.	1.19	137736.	23893.	7.81	0.0210	397.	58.	0.09
MILE 353.21	594.32	168290.	1.52	110510.	6682.	9.22	0.0230	398.	57.	0.07
MILE 349.00	594.07	169839.	1.48	115073.	3822.	9.70	0.0240	398.	60.	0.05

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.79	119022.	3.55	33544.	11013.	9.08	0.0230	3174.	32.	0.36
MILE 420.49	606.36	129711.	3.62	35831.	5720.	7.10	0.0230	481.	27.	0.25
MILE 416.28	605.19	135034.	3.98	33945.	5048.	7.74	0.0270	479.	26.	0.27
MILE 412.08	603.46	138396.	3.68	37597.	3583.	8.00	0.0270	481.	27.	0.20
MILE 407.88	601.84	141241.	3.66	38577.	4192.	7.77	0.0270	481.	26.	0.21
MILE 403.67	600.41	142803.	3.86	37032.	2846.	7.55	0.0240	479.	27.	0.19
MILE 399.47	599.24	145759.	2.82	51752.	10983.	7.07	0.0220	481.	35.	0.23
MILE 395.26	598.16	147246.	3.70	39825.	13319.	9.60	0.0220	479.	40.	0.38
MILE 391.06	597.13	149649.	3.09	48387.	2593.	7.69	0.0220	439.	31.	0.13
MILE 386.85	596.46	150723.	2.42	62290.	5150.	6.02	0.0210	398.	37.	0.12
MILE 382.64	595.90	151774.	1.91	79540.	10054.	6.15	0.0210	397.	33.	0.12
MILE 378.44	595.46	153556.	2.36	65139.	12576.	5.54	0.0210	397.	39.	0.18
MILE 374.23	595.17	155902.	1.49	104787.	14056.	6.53	0.0210	398.	37.	0.10
MILE 370.03	594.97	158514.	1.39	113942.	8200.	7.01	0.0210	398.	45.	0.07
MILE 365.82	594.65	160335.	1.26	127375.	7709.	6.84	0.0210	397.	41.	0.05
MILE 361.62	594.49	163285.	1.42	115008.	12626.	7.83	0.0210	398.	49.	0.08
MILE 357.41	594.37	166350.	1.21	137510.	23853.	7.81	0.0210	397.	58.	0.09
MILE 353.21	594.28	171651.	1.56	110355.	6670.	9.21	0.0230	398.	57.	0.07
MILE 349.00	594.02	173524.	1.51	114883.	3820.	9.69	0.0240	398.	60.	0.05

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.57	116100.	3.49	33261.	10852.	9.04	0.0230	3150.	32.	0.35
MILE 420.49	606.18	127036.	3.58	35480.	5648.	7.14	0.0230	481.	27.	0.25
MILE 416.28	605.03	132569.	3.94	33616.	4995.	7.77	0.0270	480.	26.	0.27

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MILE 412.08	603.34	136247.	3.64	37397.	3561.	7.98	0.0270	481.	27.	0.20
MILE 407.88	601.75	139492.	3.64	38352.	4160.	7.77	0.0270	481.	25.	0.21
MILE 403.67	600.35	141252.	3.84	36777.	2829.	7.59	0.0240	480.	27.	0.19
MILE 399.47	599.19	144704.	2.81	51547.	10924.	7.08	0.0220	481.	35.	0.23
MILE 395.26	598.12	146349.	3.68	39758.	13280.	9.60	0.0220	480.	40.	0.37
MILE 391.06	597.10	148926.	3.08	48302.	2591.	7.69	0.0220	439.	31.	0.13
MILE 386.85	596.44	150057.	2.41	62177.	5148.	6.01	0.0210	398.	37.	0.12
MILE 382.64	595.88	151200.	1.90	79408.	10033.	6.14	0.0210	397.	33.	0.12
MILE 378.44	595.43	153258.	2.36	65005.	12553.	5.53	0.0210	397.	39.	0.18
MILE 374.23	595.14	156191.	1.49	104611.	14050.	6.52	0.0210	398.	37.	0.10
MILE 370.03	594.94	159498.	1.40	113753.	8188.	7.00	0.0210	398.	45.	0.07
MILE 365.82	594.61	161683.	1.27	127114.	7701.	6.84	0.0210	397.	41.	0.06
MILE 361.62	594.45	165015.	1.44	114803.	12603.	7.82	0.0210	398.	49.	0.08
MILE 357.41	594.33	167561.	1.22	137270.	23811.	7.81	0.0210	397.	58.	0.09
MILE 353.21	594.25	170288.	1.54	110243.	6661.	9.20	0.0230	398.	57.	0.07
MILE 349.00	594.01	171207.	1.49	114845.	3820.	9.68	0.0240	398.	60.	0.05

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.41	116091.	3.51	33055.	10734.	9.02	0.0230	3126.	31.	0.35
MILE 420.49	606.01	125831.	3.58	35169.	5583.	7.18	0.0230	482.	27.	0.25
MILE 416.28	604.87	130417.	3.91	33347.	4941.	7.76	0.0270	481.	26.	0.27
MILE 412.08	603.21	134130.	3.61	37176.	3537.	7.95	0.0270	482.	27.	0.20
MILE 407.88	601.64	137588.	3.61	38093.	4122.	7.77	0.0270	482.	25.	0.21
MILE 403.67	600.28	139488.	3.82	36478.	2808.	7.64	0.0240	481.	27.	0.19
MILE 399.47	599.14	143346.	2.79	51306.	10854.	7.08	0.0220	482.	35.	0.23
MILE 395.26	598.09	145160.	3.66	39683.	13235.	9.60	0.0220	481.	40.	0.37
MILE 391.06	597.07	148109.	3.07	48206.	2590.	7.69	0.0220	440.	31.	0.13
MILE 386.85	596.41	149387.	2.41	62048.	5147.	6.00	0.0210	398.	37.	0.12
MILE 382.64	595.85	150689.	1.90	79253.	10008.	6.14	0.0210	397.	33.	0.12
MILE 378.44	595.40	153108.	2.36	64847.	12526.	5.52	0.0210	397.	39.	0.18
MILE 374.23	595.11	156537.	1.50	104403.	14042.	6.52	0.0210	398.	37.	0.10
MILE 370.03	594.90	159871.	1.41	113549.	8176.	7.00	0.0210	398.	45.	0.07
MILE 365.82	594.58	161500.	1.27	126886.	7693.	6.83	0.0210	397.	41.	0.06
MILE 361.62	594.42	163371.	1.42	114661.	12587.	7.81	0.0210	398.	49.	0.08
MILE 357.41	594.31	164775.	1.20	137134.	23786.	7.80	0.0210	397.	58.	0.09
MILE 353.21	594.23	165868.	1.51	110182.	6656.	9.20	0.0230	398.	57.	0.07
MILE 349.00	594.01	166309.	1.45	114845.	3820.	9.68	0.0240	398.	60.	0.05

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.29	116171.	3.53	32888.	10637.	9.00	0.0230	3104.	31.	0.35
MILE 420.49	605.86	124850.	3.58	34903.	5526.	7.22	0.0230	482.	27.	0.25
MILE 416.28	604.73	128899.	3.89	33121.	4894.	7.73	0.0270	481.	26.	0.26
MILE 412.08	603.08	132363.	3.58	36965.	3514.	7.93	0.0270	482.	26.	0.19
MILE 407.88	601.54	135771.	3.59	37825.	4083.	7.76	0.0270	482.	25.	0.21
MILE 403.67	600.19	137709.	3.81	36155.	2786.	7.69	0.0240	481.	27.	0.19
MILE 399.47	599.07	141867.	2.78	51033.	10775.	7.08	0.0220	482.	35.	0.23
MILE 395.26	598.04	143848.	3.63	39595.	13182.	9.60	0.0220	481.	40.	0.37
MILE 391.06	597.03	147197.	3.06	48094.	2588.	7.68	0.0220	440.	31.	0.13
MILE 386.85	596.37	148634.	2.40	61895.	5145.	5.99	0.0210	398.	37.	0.12
MILE 382.64	595.82	150081.	1.90	79072.	9979.	6.13	0.0210	397.	33.	0.12
MILE 378.44	595.37	152664.	2.36	64674.	12497.	5.51	0.0210	397.	39.	0.18
MILE 374.23	595.08	155410.	1.49	104214.	14035.	6.51	0.0210	398.	37.	0.10
MILE 370.03	594.88	157806.	1.39	113394.	8166.	6.99	0.0210	398.	45.	0.07
MILE 365.82	594.56	158999.	1.25	126755.	7689.	6.83	0.0210	397.	41.	0.05
MILE 361.62	594.41	160243.	1.40	114590.	12579.	7.81	0.0210	398.	49.	0.08
MILE 357.41	594.30	161162.	1.18	137072.	23775.	7.80	0.0210	397.	58.	0.09
MILE 353.21	594.23	161891.	1.47	110151.	6653.	9.20	0.0230	398.	57.	0.06
MILE 349.00	594.01	162302.	1.41	114845.	3820.	9.68	0.0240	398.	60.	0.05

ODATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.18	116372.	3.55	32748.	10557.	8.98	0.0230	3082.	31.	0.36
MILE 420.49	605.73	124212.	3.58	34678.	5478.	7.26	0.0230	482.	27.	0.25
MILE 416.28	604.60	127794.	3.88	32922.	4852.	7.71	0.0270	481.	25.	0.26
MILE 412.08	602.97	130969.	3.56	36770.	3492.	7.91	0.0270	482.	26.	0.19
MILE 407.88	601.43	134201.	3.57	37569.	4046.	7.76	0.0270	482.	25.	0.21
MILE 403.67	600.11	136115.	3.80	35832.	2763.	7.75	0.0240	481.	27.	0.19
MILE 399.47	599.01	140429.	2.77	50738.	10690.	7.09	0.0220	482.	35.	0.22
MILE 395.26	597.99	142528.	3.61	39496.	13123.	9.60	0.0220	481.	39.	0.37
MILE 391.06	596.98	146165.	3.05	47968.	2586.	7.68	0.0220	440.	30.	0.12
MILE 386.85	596.33	147663.	2.39	61727.	5143.	5.98	0.0210	398.	37.	0.12
MILE 382.64	595.78	149080.	1.89	78886.	9949.	6.12	0.0210	397.	33.	0.12
MILE 378.44	595.34	151430.	2.35	64519.	12470.	5.51	0.0210	397.	39.	0.18
MILE 374.23	595.05	153514.	1.48	104062.	14030.	6.50	0.0210	398.	37.	0.10
MILE 370.03	594.86	155265.	1.37	113275.	8159.	6.99	0.0210	398.	45.	0.06
MILE 365.82	594.55	156249.	1.23	126670.	7686.	6.83	0.0210	397.	41.	0.05
MILE 361.62	594.40	157292.	1.37	114548.	12574.	7.81	0.0210	398.	49.	0.08
MILE 357.41	594.29	157917.	1.15	137044.	23770.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.22	158141.	1.44	110148.	6653.	9.20	0.0230	398.	57.	0.06
MILE 349.00	594.02	158344.	1.38	114883.	3820.	9.69	0.0240	398.	60.	0.04

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TIME	9.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	607.09	116571.	3.57	32628.	10488.	8.97	0.0230	3057.	31. 0.36
MILE	420.49	605.62	123763.	3.59	34485.	5435.	7.29	0.0230	482.	27. 0.25
MILE	416.28	604.49	126946.	3.88	32749.	4815.	7.69	0.0270	481.	25. 0.26
MILE	412.08	602.86	129859.	3.55	36595.	3473.	7.88	0.0270	482.	26. 0.19
MILE	407.88	601.33	132893.	3.56	37329.	4011.	7.76	0.0270	482.	25. 0.21
MILE	403.67	600.03	134754.	3.79	35518.	2741.	7.81	0.0240	481.	27. 0.19
MILE	399.47	598.94	139094.	2.76	50435.	10601.	7.09	0.0220	482.	35. 0.22
MILE	395.26	597.93	141236.	3.59	39390.	13059.	9.59	0.0220	481.	39. 0.36
MILE	391.06	596.94	144925.	3.03	47838.	2584.	7.67	0.0220	440.	30. 0.12
MILE	386.85	596.29	146410.	2.38	61560.	5141.	5.97	0.0210	398.	37. 0.12
MILE	382.64	595.75	147762.	1.88	78712.	9921.	6.11	0.0210	397.	33. 0.12
MILE	378.44	595.31	149916.	2.33	64382.	12447.	5.50	0.0210	397.	39. 0.18
MILE	374.23	595.03	151687.	1.46	103932.	14025.	6.50	0.0210	398.	37. 0.09
MILE	370.03	594.84	153102.	1.35	113177.	8153.	6.98	0.0210	398.	45. 0.06
MILE	365.82	594.54	153838.	1.22	126613.	7684.	6.82	0.0210	397.	41. 0.05
MILE	361.62	594.40	154554.	1.35	114528.	12572.	7.81	0.0210	398.	49. 0.08
MILE	357.41	594.29	155559.	1.14	137020.	23766.	7.80	0.0210	397.	58. 0.08
MILE	353.21	594.21	157680.	1.43	110111.	6650.	9.20	0.0230	398.	57. 0.06
MILE	349.00	594.00	158575.	1.38	114807.	3820.	9.68	0.0240	398.	60. 0.04

ODATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	10.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN	N	LOCAL INFLOW
DEPTH	FROUDE									
MILE	424.70	607.01	116893.	3.59	32527.	10429.	8.96	0.0230	3031.	31. 0.36
MILE	420.49	605.53	123481.	3.60	34320.	5399.	7.32	0.0230	482.	27. 0.25
MILE	416.28	604.40	126306.	3.87	32595.	4782.	7.67	0.0270	481.	25. 0.26
MILE	412.08	602.77	128966.	3.54	36436.	3456.	7.87	0.0270	482.	26. 0.19
MILE	407.88	601.24	131809.	3.55	37105.	3978.	7.76	0.0270	482.	25. 0.20
MILE	403.67	599.96	133528.	3.78	35304.	2720.	7.83	0.0240	481.	27. 0.19
MILE	399.47	598.87	137840.	2.75	50131.	10512.	7.10	0.0220	482.	35. 0.22
MILE	395.26	597.88	139952.	3.56	39282.	12994.	9.59	0.0220	481.	39. 0.36
MILE	391.06	596.89	143567.	3.01	47709.	2582.	7.67	0.0220	440.	30. 0.12
MILE	386.85	596.25	145024.	2.36	61399.	5139.	5.96	0.0210	398.	37. 0.12
MILE	382.64	595.72	146328.	1.86	78549.	9895.	6.10	0.0210	397.	33. 0.12
MILE	378.44	595.29	148347.	2.31	64258.	12426.	5.49	0.0210	397.	39. 0.18
MILE	374.23	595.02	149869.	1.44	103818.	14021.	6.49	0.0210	398.	37. 0.09
MILE	370.03	594.83	151347.	1.34	113085.	8147.	6.98	0.0210	398.	45. 0.06
MILE	365.82	594.53	152534.	1.21	126526.	7681.	6.82	0.0210	397.	41. 0.05

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MILE 361.62	594.38	154328.	1.35	114457.	12564.	7.81	0.0210	398.	49.	0.08
MILE 357.41	594.28	155814.	1.14	136930.	23750.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.20	157842.	1.43	110061.	6646.	9.20	0.0230	398.	57.	0.06
MILE 349.00	593.99	158628.	1.38	114769.	3820.	9.68	0.0240	398.	59.	0.04

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.47	139979.	4.23	33129.	10776.	9.03	0.0230	3004.	31.	0.42
MILE 420.49	605.68	134907.	3.90	34580.	5456.	7.28	0.0230	482.	27.	0.27
MILE 416.28	604.39	130219.	4.00	32585.	4780.	7.67	0.0270	481.	25.	0.27
MILE 412.08	602.70	129327.	3.56	36326.	3444.	7.85	0.0270	482.	26.	0.19
MILE 407.88	601.16	130924.	3.55	36906.	3948.	7.76	0.0270	482.	25.	0.20
MILE 403.67	599.89	132353.	3.76	35168.	2701.	7.82	0.0240	481.	27.	0.18
MILE 399.47	598.80	136565.	2.74	49836.	10425.	7.10	0.0220	482.	35.	0.22
MILE 395.26	597.82	138665.	3.54	39175.	12930.	9.59	0.0220	481.	39.	0.36
MILE 391.06	596.85	142190.	2.99	47584.	2580.	7.66	0.0220	440.	30.	0.12
MILE 386.85	596.22	143606.	2.34	61245.	5138.	5.95	0.0210	398.	37.	0.12
MILE 382.64	595.69	144874.	1.85	78395.	9870.	6.09	0.0210	397.	32.	0.12
MILE 378.44	595.27	146898.	2.29	64136.	12405.	5.49	0.0210	397.	39.	0.18
MILE 374.23	594.99	149022.	1.44	103686.	14013.	6.49	0.0210	398.	36.	0.09
MILE 370.03	594.81	151079.	1.34	112960.	8139.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.51	152273.	1.20	126394.	7677.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.37	153721.	1.34	114372.	12554.	7.80	0.0210	398.	49.	0.08
MILE 357.41	594.26	154632.	1.13	136852.	23736.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.20	155054.	1.41	110040.	6644.	9.19	0.0230	398.	57.	0.06
MILE 349.00	594.00	155263.	1.35	114807.	3820.	9.68	0.0240	398.	59.	0.04

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.26	123294.	3.75	32857.	10620.	9.00	0.0230	2976.	31.	0.38
MILE 420.49	605.66	128431.	3.72	34548.	5449.	7.28	0.0230	482.	27.	0.26
MILE 416.28	604.46	130949.	4.01	32693.	4803.	7.68	0.0270	481.	25.	0.27
MILE 412.08	602.73	131967.	3.63	36378.	3449.	7.86	0.0270	482.	26.	0.20
MILE 407.88	601.14	132131.	3.58	36862.	3942.	7.76	0.0270	482.	25.	0.21
MILE 403.67	599.84	132755.	3.78	35083.	2688.	7.81	0.0240	481.	27.	0.18
MILE 399.47	598.74	135692.	2.74	49572.	10347.	7.10	0.0220	482.	35.	0.22
MILE 395.26	597.77	137475.	3.52	39073.	12868.	9.59	0.0220	481.	39.	0.36
MILE 391.06	596.80	140841.	2.97	47462.	2578.	7.66	0.0220	440.	30.	0.12
MILE 386.85	596.18	142270.	2.33	61092.	5136.	5.94	0.0210	398.	37.	0.12

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MILE 382.64	595.66	143611.	1.84	78235.	9845.	6.09	0.0210	397.	32.	0.11
MILE 378.44	595.24	145837.	2.28	63999.	12382.	5.48	0.0210	397.	39.	0.18
MILE 374.23	594.97	148019.	1.43	103541.	13998.	6.48	0.0210	398.	36.	0.09
MILE 370.03	594.79	149856.	1.33	112841.	8132.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.50	150672.	1.19	126305.	7674.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.36	151315.	1.32	114333.	12550.	7.80	0.0210	398.	49.	0.08
MILE 357.41	594.26	151845.	1.11	136828.	23732.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.19	152245.	1.38	110026.	6643.	9.19	0.0230	398.	57.	0.06
MILE 349.00	594.00	152560.	1.33	114807.	3820.	9.68	0.0240	398.	60.	0.04

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TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.33	128849.	3.91	32948.	10672.	9.01	0.0230	2951.	31.	0.39
MILE 420.49	605.68	130932.	3.79	34579.	5456.	7.28	0.0230	482.	27.	0.27
MILE 416.28	604.44	130770.	4.00	32660.	4796.	7.68	0.0270	481.	25.	0.27
MILE 412.08	602.72	131262.	3.61	36350.	3446.	7.86	0.0270	482.	26.	0.20
MILE 407.88	601.13	132435.	3.60	36826.	3936.	7.76	0.0270	482.	25.	0.21
MILE 403.67	599.82	133435.	3.81	35035.	2681.	7.81	0.0240	481.	27.	0.19
MILE 399.47	598.70	135749.	2.75	49396.	10295.	7.11	0.0220	482.	35.	0.22
MILE 395.26	597.72	137201.	3.52	38986.	12816.	9.59	0.0220	481.	39.	0.36
MILE 391.06	596.76	139876.	2.95	47352.	2576.	7.65	0.0220	440.	30.	0.12
MILE 386.85	596.15	141163.	2.32	60941.	5134.	5.93	0.0210	398.	37.	0.12
MILE 382.64	595.63	142435.	1.82	78071.	9818.	6.08	0.0210	397.	32.	0.11
MILE 378.44	595.21	144519.	2.26	63866.	12359.	5.47	0.0210	397.	39.	0.18
MILE 374.23	594.95	146154.	1.41	103417.	13986.	6.48	0.0210	398.	36.	0.09
MILE 370.03	594.77	147478.	1.31	112751.	8126.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.49	148253.	1.17	126250.	7672.	6.81	0.0210	397.	41.	0.05
MILE 361.62	594.36	148884.	1.30	114313.	12547.	7.80	0.0210	398.	49.	0.08
MILE 357.41	594.26	148394.	1.08	136850.	23736.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.21	145434.	1.32	110096.	6649.	9.20	0.0230	398.	57.	0.06
MILE 349.00	594.05	144574.	1.26	114997.	3821.	9.69	0.0240	398.	60.	0.04

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.37	129656.	3.93	33002.	10703.	9.01	0.0230	2926.	31.	0.39
MILE 420.49	605.70	131587.	3.80	34616.	5464.	7.27	0.0230	482.	27.	0.27
MILE 416.28	604.45	131544.	4.03	32682.	4801.	7.68	0.0270	481.	25.	0.27
MILE 412.08	602.71	131941.	3.63	36341.	3445.	7.85	0.0270	482.	26.	0.20
MILE 407.88	601.11	132636.	3.61	36773.	3928.	7.75	0.0270	482.	25.	0.21

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MILE 403.67	599.79	133413.	3.81	34980.	2673.	7.81	0.0240	481.	26.	0.19
MILE 399.47	598.67	135636.	2.75	49239.	10249.	7.11	0.0220	482.	35.	0.22
MILE 395.26	597.69	137005.	3.52	38916.	12774.	9.58	0.0220	481.	39.	0.36
MILE 391.06	596.73	139325.	2.95	47260.	2575.	7.65	0.0220	440.	30.	0.12
MILE 386.85	596.12	140403.	2.31	60815.	5133.	5.93	0.0210	398.	37.	0.12
MILE 382.64	595.60	141447.	1.82	77930.	9796.	6.07	0.0210	397.	32.	0.11
MILE 378.44	595.19	143074.	2.24	63754.	12340.	5.47	0.0210	397.	39.	0.17
MILE 374.23	594.94	144361.	1.40	103315.	13975.	6.47	0.0210	398.	36.	0.09
MILE 370.03	594.76	144927.	1.29	112691.	8123.	6.96	0.0210	398.	45.	0.06
MILE 365.82	594.49	144684.	1.15	126283.	7673.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.37	143287.	1.25	114395.	12557.	7.80	0.0210	398.	49.	0.07
MILE 357.41	594.29	142125.	1.04	136989.	23761.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.23	140166.	1.27	110173.	6655.	9.20	0.0230	398.	57.	0.06
MILE 349.00	594.07	139787.	1.21	115073.	3822.	9.70	0.0240	398.	60.	0.04

ODATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.40	130165.	3.94	33043.	10726.	9.02	0.0230	2901.	31.	0.40
MILE 420.49	605.72	132122.	3.81	34659.	5473.	7.26	0.0230	482.	27.	0.27
MILE 416.28	604.47	132120.	4.04	32705.	4806.	7.68	0.0270	481.	25.	0.27
MILE 412.08	602.71	132419.	3.64	36344.	3446.	7.85	0.0270	482.	26.	0.20
MILE 407.88	601.10	132999.	3.62	36746.	3924.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.77	133704.	3.83	34939.	2668.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.64	135518.	2.76	49107.	10209.	7.11	0.0220	482.	35.	0.22
MILE 395.26	597.65	136709.	3.52	38857.	12738.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.70	138727.	2.94	47183.	2574.	7.65	0.0220	440.	30.	0.12
MILE 386.85	596.09	139691.	2.30	60710.	5131.	5.92	0.0210	398.	37.	0.12
MILE 382.64	595.58	140575.	1.81	77820.	9778.	6.06	0.0210	397.	32.	0.11
MILE 378.44	595.18	141692.	2.23	63679.	12327.	5.47	0.0210	397.	39.	0.17
MILE 374.23	594.93	141460.	1.37	103286.	13972.	6.47	0.0210	398.	36.	0.09
MILE 370.03	594.77	140779.	1.25	112714.	8124.	6.96	0.0210	398.	45.	0.06
MILE 365.82	594.51	140586.	1.11	126389.	7677.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.39	139932.	1.22	114487.	12567.	7.81	0.0210	398.	49.	0.07
MILE 357.41	594.30	138966.	1.01	137114.	23783.	7.80	0.0210	397.	58.	0.07
MILE 353.21	594.25	136757.	1.24	110261.	6662.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.10	136296.	1.18	115187.	3823.	9.70	0.0240	398.	60.	0.04

ODATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	607.45	131324.	3.97	33102.	10760.	9.02	0.0230	2876.	31.	0.40
MILE 420.49	605.75	132952.	3.83	34712.	5485.	7.25	0.0230	482.	27.	0.27
MILE 416.28	604.49	132724.	4.05	32734.	4812.	7.69	0.0270	481.	25.	0.27
MILE 412.08	602.72	132890.	3.66	36352.	3447.	7.86	0.0270	482.	26.	0.20
MILE 407.88	601.09	133358.	3.63	36729.	3922.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.75	133990.	3.84	34909.	2663.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.61	135495.	2.77	49001.	10178.	7.11	0.0220	482.	35.	0.22
MILE 395.26	597.63	136528.	3.52	38807.	12708.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.68	138162.	2.93	47122.	2573.	7.65	0.0220	440.	30.	0.12
MILE 386.85	596.07	138909.	2.29	60633.	5131.	5.91	0.0210	398.	37.	0.12
MILE 382.64	595.57	139491.	1.79	77755.	9767.	6.06	0.0210	397.	32.	0.11
MILE 378.44	595.17	139968.	2.20	63658.	12323.	5.46	0.0210	397.	39.	0.17
MILE 374.23	594.93	139574.	1.35	103298.	13973.	6.47	0.0210	398.	36.	0.09
MILE 370.03	594.77	138798.	1.23	112749.	8126.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.52	138368.	1.09	126487.	7680.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.41	137256.	1.20	114579.	12578.	7.81	0.0210	398.	49.	0.07
MILE 357.41	594.32	136293.	0.99	137240.	23805.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.27	134752.	1.22	110337.	6668.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.12	134486.	1.17	115263.	3823.	9.71	0.0240	398.	60.	0.04

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.48	131628.	3.97	33144.	10784.	9.03	0.0230	2854.	31.	0.40
MILE 420.49	605.78	133388.	3.84	34762.	5496.	7.25	0.0230	482.	27.	0.27
MILE 416.28	604.51	133261.	4.07	32769.	4819.	7.69	0.0270	481.	25.	0.27
MILE 412.08	602.73	133404.	3.67	36369.	3448.	7.86	0.0270	482.	26.	0.20
MILE 407.88	601.09	133752.	3.64	36725.	3921.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.74	134302.	3.85	34888.	2660.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.59	135494.	2.77	48918.	10153.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.61	136351.	3.52	38769.	12684.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.67	137540.	2.92	47081.	2572.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.06	138128.	2.28	60590.	5130.	5.91	0.0210	398.	37.	0.12
MILE 382.64	595.56	138582.	1.78	77728.	9763.	6.06	0.0210	397.	32.	0.11
MILE 378.44	595.17	138846.	2.18	63659.	12323.	5.46	0.0210	397.	39.	0.17
MILE 374.23	594.94	138158.	1.34	103331.	13977.	6.48	0.0210	398.	36.	0.09
MILE 370.03	594.78	137266.	1.22	112802.	8130.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.54	136952.	1.08	126587.	7683.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.42	136376.	1.19	114653.	12586.	7.81	0.0210	398.	49.	0.07
MILE 357.41	594.33	136714.	1.00	137298.	23816.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.27	138729.	1.26	110324.	6667.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.09	139716.	1.21	115149.	3822.	9.70	0.0240	398.	60.	0.04

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.60	136020.	4.08	33304.	10876.	9.05	0.0230	2831.	32.	0.41
MILE 420.49	605.85	135817.	3.89	34880.	5521.	7.23	0.0230	482.	27.	0.27
MILE 416.28	604.54	134445.	4.10	32823.	4831.	7.70	0.0270	481.	25.	0.28
MILE 412.08	602.74	134011.	3.68	36393.	3451.	7.86	0.0270	482.	26.	0.20
MILE 407.88	601.09	134148.	3.65	36730.	3922.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.73	134619.	3.86	34876.	2659.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.58	135489.	2.77	48859.	10135.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.59	136180.	3.52	38742.	12668.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.66	137042.	2.91	47056.	2572.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.06	137508.	2.27	60568.	5130.	5.91	0.0210	398.	37.	0.12
MILE 382.64	595.56	137846.	1.77	77723.	9762.	6.06	0.0210	397.	32.	0.11
MILE 378.44	595.18	137919.	2.17	63677.	12327.	5.47	0.0210	397.	39.	0.17
MILE 374.23	594.94	137460.	1.33	103367.	13981.	6.48	0.0210	398.	36.	0.09
MILE 370.03	594.78	137379.	1.22	112827.	8131.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.53	138076.	1.09	126577.	7683.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.41	139314.	1.22	114616.	12582.	7.81	0.0210	398.	49.	0.07
MILE 357.41	594.33	139359.	1.02	137266.	23810.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.28	137459.	1.25	110364.	6670.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.13	136948.	1.19	115301.	3824.	9.71	0.0240	398.	60.	0.04

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.66	135796.	4.07	33378.	10919.	9.06	0.0230	2809.	32.	0.41
MILE 420.49	605.91	136320.	3.90	34987.	5544.	7.21	0.0230	482.	27.	0.27
MILE 416.28	604.59	135494.	4.12	32907.	4848.	7.71	0.0270	481.	25.	0.28
MILE 412.08	602.78	135060.	3.71	36447.	3457.	7.87	0.0270	482.	26.	0.20
MILE 407.88	601.10	134834.	3.67	36764.	3927.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.74	135115.	3.87	34878.	2659.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.57	135557.	2.78	48825.	10125.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.59	136080.	3.51	38725.	12658.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.65	136656.	2.90	47042.	2571.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.06	137045.	2.26	60560.	5130.	5.91	0.0210	398.	37.	0.12
MILE 382.64	595.56	137382.	1.77	77726.	9763.	6.06	0.0210	397.	32.	0.11
MILE 378.44	595.18	137693.	2.16	63681.	12327.	5.47	0.0210	397.	39.	0.17
MILE 374.23	594.94	138520.	1.34	103349.	13979.	6.48	0.0210	398.	36.	0.09
MILE 370.03	594.78	138969.	1.23	112805.	8130.	6.97	0.0210	398.	45.	0.06
MILE 365.82	594.53	138705.	1.10	126581.	7683.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.42	137748.	1.20	114649.	12586.	7.81	0.0210	398.	49.	0.07
MILE 357.41	594.33	138733.	1.01	137276.	23812.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.26	143120.	1.30	110278.	6664.	9.21	0.0230	398.	57.	0.06

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MILE 349.00 594.06 144932. 1.26 115035. 3822. 9.70 0.0240 398. 60. 0.04

0DATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	607.68	134869.	4.04	33407.	10935.	9.06	0.0230	2786. 32. 0.41
MILE 420.49	605.95	136269.	3.89	35059.	5560.	7.20	0.0230	482. 27. 0.27
MILE 416.28	604.64	135933.	4.12	32973.	4862.	7.71	0.0270	481. 25. 0.28
MILE 412.08	602.81	135693.	3.72	36502.	3463.	7.87	0.0270	482. 26. 0.20
MILE 407.88	601.12	135508.	3.68	36815.	3935.	7.76	0.0270	482. 25. 0.21
MILE 403.67	599.74	135749.	3.89	34895.	2661.	7.80	0.0240	481. 26. 0.19
MILE 399.47	598.57	135813.	2.78	48823.	10125.	7.12	0.0220	482. 34. 0.22
MILE 395.26	597.58	136170.	3.52	38717.	12653.	9.58	0.0220	481. 39. 0.35
MILE 391.06	596.65	136512.	2.90	47035.	2571.	7.64	0.0220	440. 30. 0.12
MILE 386.85	596.05	136918.	2.26	60550.	5130.	5.91	0.0210	398. 37. 0.12
MILE 382.64	595.56	137371.	1.77	77712.	9761.	6.06	0.0210	397. 32. 0.11
MILE 378.44	595.18	137829.	2.16	63666.	12325.	5.46	0.0210	397. 39. 0.17
MILE 374.23	594.94	137607.	1.33	103354.	13979.	6.48	0.0210	398. 36. 0.09
MILE 370.03	594.78	138113.	1.22	112805.	8130.	6.97	0.0210	398. 45. 0.06
MILE 365.82	594.52	139672.	1.10	126512.	7681.	6.82	0.0210	397. 41. 0.05
MILE 361.62	594.40	142964.	1.25	114527.	12572.	7.81	0.0210	398. 49. 0.07
MILE 357.41	594.30	145645.	1.06	137077.	23776.	7.80	0.0210	397. 58. 0.08
MILE 353.21	594.23	149474.	1.36	110164.	6654.	9.20	0.0230	398. 57. 0.06
MILE 349.00	594.03	150928.	1.31	114921.	3821.	9.69	0.0240	398. 60. 0.04

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TIME 21.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH FROUDE								
MILE 424.70	607.62	130954.	3.93	33324.	10887.	9.05	0.0230	2764. 32. 0.40
MILE 420.49	605.94	134503.	3.84	35046.	5557.	7.20	0.0230	482. 27. 0.27
MILE 416.28	604.65	135475.	4.11	33000.	4868.	7.72	0.0270	481. 25. 0.28
MILE 412.08	602.83	135882.	3.72	36539.	3467.	7.88	0.0270	482. 26. 0.20
MILE 407.88	601.14	135954.	3.69	36862.	3942.	7.76	0.0270	482. 25. 0.21
MILE 403.67	599.76	136226.	3.90	34917.	2664.	7.80	0.0240	481. 26. 0.19
MILE 399.47	598.58	136150.	2.79	48843.	10131.	7.12	0.0220	482. 34. 0.22
MILE 395.26	597.58	136445.	3.52	38717.	12653.	9.58	0.0220	481. 39. 0.36
MILE 391.06	596.65	136664.	2.91	47032.	2571.	7.64	0.0220	440. 30. 0.12
MILE 386.85	596.05	136959.	2.26	60542.	5129.	5.91	0.0210	398. 37. 0.12
MILE 382.64	595.56	137265.	1.77	77703.	9759.	6.06	0.0210	397. 32. 0.11
MILE 378.44	595.17	137687.	2.16	63652.	12322.	5.46	0.0210	397. 39. 0.17
MILE 374.23	594.93	139735.	1.35	103279.	13971.	6.47	0.0210	398. 36. 0.09

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Appendix K		Checked	WBB

MILE 370.03	594.76	142178.	1.26	112677.	8122.	6.96	0.0210	398.	45.	0.06
MILE 365.82	594.49	143671.	1.14	126295.	7674.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.37	145797.	1.27	114363.	12553.	7.80	0.0210	398.	49.	0.07
MILE 357.41	594.27	147618.	1.08	136892.	23743.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.21	149833.	1.36	110075.	6647.	9.20	0.0230	398.	57.	0.06
MILE 349.00	594.02	150606.	1.31	114883.	3820.	9.69	0.0240	398.	60.	0.04

ODATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.60	130933.	3.93	33300.	10874.	9.05	0.0230	2742.	32.	0.40
MILE 420.49	605.93	134225.	3.83	35024.	5552.	7.21	0.0230	482.	27.	0.27
MILE 416.28	604.64	134958.	4.09	32986.	4865.	7.72	0.0270	481.	25.	0.28
MILE 412.08	602.83	135508.	3.71	36541.	3467.	7.88	0.0270	482.	26.	0.20
MILE 407.88	601.15	135956.	3.69	36880.	3944.	7.76	0.0270	482.	25.	0.21
MILE 403.67	599.76	136371.	3.90	34931.	2666.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.58	136425.	2.79	48868.	10138.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.58	136713.	3.53	38722.	12656.	9.58	0.0220	481.	39.	0.36
MILE 391.06	596.65	136819.	2.91	47034.	2571.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.05	137209.	2.27	60534.	5129.	5.91	0.0210	398.	37.	0.12
MILE 382.64	595.55	137816.	1.77	77668.	9753.	6.06	0.0210	397.	32.	0.11
MILE 378.44	595.16	138993.	2.19	63574.	12309.	5.46	0.0210	397.	39.	0.17
MILE 374.23	594.91	141132.	1.37	103159.	13959.	6.47	0.0210	398.	36.	0.09
MILE 370.03	594.74	143379.	1.27	112555.	8114.	6.96	0.0210	398.	45.	0.06
MILE 365.82	594.47	144534.	1.15	126146.	7669.	6.81	0.0210	397.	41.	0.05
MILE 361.62	594.35	145882.	1.28	114264.	12542.	7.80	0.0210	398.	49.	0.07
MILE 357.41	594.25	147213.	1.08	136780.	23723.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.19	148965.	1.35	110002.	6641.	9.19	0.0230	398.	57.	0.06
MILE 349.00	594.00	149816.	1.30	114807.	3820.	9.68	0.0240	398.	60.	0.04

ODATE 5-13-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.59	130735.	3.93	33280.	10863.	9.05	0.0230	2720.	32.	0.40
MILE 420.49	605.91	133950.	3.83	35001.	5547.	7.21	0.0230	482.	27.	0.27
MILE 416.28	604.63	134690.	4.09	32971.	4862.	7.71	0.0270	481.	25.	0.28
MILE 412.08	602.83	135298.	3.70	36534.	3467.	7.88	0.0270	482.	26.	0.20
MILE 407.88	601.15	135810.	3.68	36878.	3944.	7.76	0.0270	482.	25.	0.21
MILE 403.67	599.76	136260.	3.90	34934.	2667.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.59	136484.	2.79	48882.	10142.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.59	136864.	3.53	38726.	12659.	9.58	0.0220	481.	39.	0.36

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MILE 391.06	596.65	137282.	2.92	47023.	2571.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.04	137767.	2.28	60499.	5129.	5.91	0.0210	398.	37.	0.12
MILE 382.64	595.54	138411.	1.78	77601.	9743.	6.05	0.0210	397.	32.	0.11
MILE 378.44	595.14	139509.	2.20	63495.	12295.	5.46	0.0210	397.	39.	0.17
MILE 374.23	594.89	141090.	1.37	103061.	13949.	6.46	0.0210	398.	36.	0.09
MILE 370.03	594.72	142679.	1.27	112465.	8109.	6.96	0.0210	398.	45.	0.06
MILE 365.82	594.46	143789.	1.14	126039.	7665.	6.81	0.0210	397.	41.	0.05
MILE 361.62	594.33	145414.	1.27	114182.	12532.	7.79	0.0210	398.	49.	0.07
MILE 357.41	594.24	147007.	1.08	136674.	23705.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.17	149308.	1.36	109932.	6636.	9.19	0.0230	398.	57.	0.06
MILE 349.00	593.98	150293.	1.31	114731.	3819.	9.68	0.0240	398.	59.	0.04

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.35	120753.	3.66	32968.	10683.	9.01	0.0230	2698.	31.	0.37
MILE 420.49	605.80	128753.	3.70	34804.	5505.	7.24	0.0230	482.	27.	0.26
MILE 416.28	604.59	132633.	4.03	32904.	4848.	7.71	0.0270	481.	25.	0.27
MILE 412.08	602.81	134639.	3.69	36509.	3464.	7.87	0.0270	482.	26.	0.20
MILE 407.88	601.15	135586.	3.68	36867.	3942.	7.76	0.0270	482.	25.	0.21
MILE 403.67	599.76	136129.	3.90	34932.	2667.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.59	136541.	2.79	48885.	10143.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.59	137026.	3.54	38724.	12657.	9.58	0.0220	481.	39.	0.36
MILE 391.06	596.64	137622.	2.93	47006.	2571.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.03	138125.	2.28	60461.	5129.	5.90	0.0210	398.	37.	0.12
MILE 382.64	595.53	138716.	1.79	77541.	9733.	6.05	0.0210	397.	32.	0.11
MILE 378.44	595.13	139628.	2.20	63430.	12284.	5.45	0.0210	397.	39.	0.17
MILE 374.23	594.88	141032.	1.37	102978.	13940.	6.46	0.0210	398.	36.	0.09
MILE 370.03	594.71	142607.	1.27	112377.	8103.	6.95	0.0210	398.	45.	0.06
MILE 365.82	594.44	143743.	1.14	125925.	7662.	6.81	0.0210	397.	41.	0.05
MILE 361.62	594.32	145323.	1.27	114096.	12523.	7.79	0.0210	398.	49.	0.07
MILE 357.41	594.22	146514.	1.07	136580.	23688.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.16	147673.	1.34	109891.	6632.	9.19	0.0230	398.	57.	0.06
MILE 349.00	593.98	148232.	1.29	114731.	3819.	9.68	0.0240	398.	59.	0.04

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.19	118862.	3.63	32764.	10566.	8.99	0.0230	2678.	31.	0.36
MILE 420.49	605.68	126669.	3.66	34579.	5456.	7.28	0.0230	482.	27.	0.26
MILE 416.28	604.49	130193.	3.98	32741.	4813.	7.69	0.0270	481.	25.	0.27

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MILE 412.08	602.75	132625.	3.64	36407.	3453.	7.86	0.0270	482.	26.	0.20
MILE 407.88	601.12	134520.	3.66	36793.	3931.	7.76	0.0270	482.	25.	0.21
MILE 403.67	599.75	135462.	3.88	34906.	2663.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.58	136458.	2.79	48867.	10138.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.58	137093.	3.54	38717.	12653.	9.58	0.0220	481.	39.	0.36
MILE 391.06	596.63	137780.	2.93	46989.	2571.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.02	138294.	2.29	60427.	5128.	5.90	0.0210	398.	37.	0.12
MILE 382.64	595.52	138886.	1.79	77488.	9724.	6.05	0.0210	397.	32.	0.11
MILE 378.44	595.12	139816.	2.21	63367.	12274.	5.45	0.0210	397.	39.	0.17
MILE 374.23	594.87	141253.	1.37	102895.	13932.	6.46	0.0210	398.	36.	0.09
MILE 370.03	594.70	142643.	1.27	112297.	8098.	6.95	0.0210	398.	45.	0.06
MILE 365.82	594.43	143384.	1.14	125846.	7659.	6.80	0.0210	397.	41.	0.05
MILE 361.62	594.31	143930.	1.26	114058.	12518.	7.79	0.0210	398.	49.	0.07
MILE 357.41	594.22	143637.	1.05	136578.	23687.	7.80	0.0210	397.	58.	0.08
MILE 353.21	594.17	141291.	1.29	109938.	6636.	9.19	0.0230	398.	57.	0.06
MILE 349.00	594.02	140692.	1.22	114883.	3820.	9.69	0.0240	398.	60.	0.04

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	607.08	118750.	3.64	32626.	10487.	8.97	0.0230	2658.	31.	0.36
MILE 420.49	605.56	125627.	3.65	34382.	5412.	7.31	0.0230	482.	27.	0.26
MILE 416.28	604.39	128626.	3.95	32579.	4779.	7.67	0.0270	481.	25.	0.27
MILE 412.08	602.68	131017.	3.61	36278.	3438.	7.85	0.0270	482.	26.	0.20
MILE 407.88	601.06	133112.	3.63	36665.	3912.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.72	134198.	3.85	34848.	2655.	7.80	0.0240	481.	26.	0.19
MILE 399.47	598.57	135859.	2.78	48803.	10119.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.57	136735.	3.53	38702.	12644.	9.58	0.0220	481.	39.	0.36
MILE 391.06	596.63	137772.	2.93	46965.	2570.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.01	138371.	2.29	60388.	5128.	5.90	0.0210	398.	37.	0.12
MILE 382.64	595.50	139002.	1.80	77433.	9716.	6.04	0.0210	397.	32.	0.11
MILE 378.44	595.11	139898.	2.21	63312.	12264.	5.45	0.0210	397.	39.	0.17
MILE 374.23	594.86	140753.	1.37	102841.	13926.	6.46	0.0210	398.	36.	0.09
MILE 370.03	594.69	141038.	1.26	112275.	8097.	6.95	0.0210	398.	45.	0.06
MILE 365.82	594.44	140757.	1.12	125895.	7661.	6.80	0.0210	397.	41.	0.05
MILE 361.62	594.32	139302.	1.22	114142.	12528.	7.79	0.0210	398.	49.	0.07
MILE 357.41	594.25	137463.	1.01	136734.	23715.	7.80	0.0210	397.	58.	0.07
MILE 353.21	594.20	133122.	1.21	110061.	6646.	9.20	0.0230	398.	57.	0.05
MILE 349.00	594.07	132029.	1.15	115073.	3822.	9.70	0.0240	398.	60.	0.04

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.76	108730.	3.38	32211.	10247.	8.92	0.0230	2641.	31.	0.34
MILE 420.49	605.36	119660.	3.52	34040.	5336.	7.37	0.0230	482.	26.	0.25
MILE 416.28	604.26	125602.	3.88	32382.	4737.	7.65	0.0270	481.	25.	0.26
MILE 412.08	602.59	129284.	3.58	36138.	3423.	7.83	0.0270	482.	26.	0.19
MILE 407.88	601.00	131748.	3.61	36520.	3891.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.68	132938.	3.82	34773.	2644.	7.79	0.0240	481.	26.	0.19
MILE 399.47	598.54	134984.	2.77	48700.	10088.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.56	136048.	3.52	38675.	12628.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.61	137482.	2.93	46930.	2570.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.00	138171.	2.29	60342.	5127.	5.90	0.0210	398.	37.	0.12
MILE 382.64	595.50	138769.	1.79	77388.	9708.	6.04	0.0210	397.	32.	0.11
MILE 378.44	595.10	139321.	2.20	63290.	12260.	5.45	0.0210	397.	39.	0.17
MILE 374.23	594.86	138673.	1.35	102865.	13929.	6.46	0.0210	398.	36.	0.09
MILE 370.03	594.71	137271.	1.22	112353.	8102.	6.95	0.0210	398.	45.	0.06
MILE 365.82	594.46	136256.	1.08	126085.	7667.	6.81	0.0210	397.	41.	0.05
MILE 361.62	594.36	133872.	1.17	114322.	12548.	7.80	0.0210	398.	49.	0.07
MILE 357.41	594.28	131405.	0.96	136986.	23760.	7.80	0.0210	397.	58.	0.07
MILE 353.21	594.24	126698.	1.15	110226.	6659.	9.20	0.0230	398.	57.	0.05
MILE 349.00	594.12	125578.	1.09	115263.	3823.	9.71	0.0240	398.	60.	0.03

ODATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	606.47	104178.	3.27	31837.	10030.	8.88	0.0230	2623.	30.	0.32
MILE 420.49	605.13	115747.	3.44	33654.	5247.	7.44	0.0230	482.	26.	0.24
MILE 416.28	604.08	121892.	3.80	32086.	4674.	7.61	0.0270	481.	25.	0.26
MILE 412.08	602.46	126190.	3.51	35922.	3399.	7.80	0.0270	482.	26.	0.19
MILE 407.88	600.92	129633.	3.57	36316.	3860.	7.75	0.0270	482.	25.	0.21
MILE 403.67	599.63	131232.	3.78	34673.	2629.	7.79	0.0240	481.	26.	0.18
MILE 399.47	598.51	133947.	2.76	48564.	10047.	7.12	0.0220	482.	34.	0.22
MILE 395.26	597.54	135224.	3.50	38637.	12605.	9.58	0.0220	481.	39.	0.35
MILE 391.06	596.60	136864.	2.92	46890.	2569.	7.64	0.0220	440.	30.	0.12
MILE 386.85	596.00	137525.	2.28	60304.	5127.	5.89	0.0210	398.	37.	0.12
MILE 382.64	595.49	137940.	1.78	77375.	9706.	6.04	0.0210	397.	32.	0.11
MILE 378.44	595.11	137896.	2.18	63325.	12266.	5.45	0.0210	397.	39.	0.17
MILE 374.23	594.88	136112.	1.32	102968.	13939.	6.46	0.0210	398.	36.	0.09
MILE 370.03	594.73	133685.	1.19	112498.	8111.	6.96	0.0210	398.	45.	0.06
MILE 365.82	594.50	132323.	1.05	126342.	7675.	6.82	0.0210	397.	41.	0.05
MILE 361.62	594.40	129636.	1.13	114538.	12573.	7.81	0.0210	398.	49.	0.07
MILE 357.41	594.33	127007.	0.93	137267.	23810.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.29	122421.	1.11	110404.	6674.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.17	121326.	1.05	115453.	3825.	9.72	0.0240	398.	60.	0.03

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ODATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	5.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH	FROUDE										
MILE	424.70	606.17	99618.	3.17	31452.	9806.	8.83	0.0230	2604.	30.	0.31
MILE	420.49	604.88	111281.	3.35	33239.	5148.	7.46	0.0230	482.	26.	0.23
MILE	416.28	603.87	118281.	3.72	31755.	4603.	7.58	0.0270	481.	25.	0.25
MILE	412.08	602.31	123107.	3.45	35661.	3370.	7.77	0.0270	482.	26.	0.19
MILE	407.88	600.81	127037.	3.52	36046.	3820.	7.75	0.0270	482.	25.	0.20
MILE	403.67	599.56	128869.	3.73	34535.	2609.	7.78	0.0240	481.	26.	0.18
MILE	399.47	598.47	132381.	2.74	48374.	9990.	7.13	0.0220	482.	34.	0.22
MILE	395.26	597.51	133923.	3.47	38590.	12576.	9.58	0.0220	481.	39.	0.35
MILE	391.06	596.59	135806.	2.90	46852.	2568.	7.63	0.0220	440.	30.	0.12
MILE	386.85	595.99	136440.	2.26	60286.	5127.	5.89	0.0210	398.	37.	0.12
MILE	382.64	595.50	136710.	1.77	77403.	9711.	6.04	0.0210	397.	32.	0.11
MILE	378.44	595.13	136267.	2.15	63404.	12280.	5.45	0.0210	397.	39.	0.17
MILE	374.23	594.90	134011.	1.30	103115.	13955.	6.47	0.0210	398.	36.	0.08
MILE	370.03	594.76	131236.	1.16	112677.	8122.	6.96	0.0210	398.	45.	0.06
MILE	365.82	594.54	129738.	1.02	126616.	7684.	6.82	0.0210	397.	41.	0.04
MILE	361.62	594.44	126908.	1.11	114759.	12598.	7.82	0.0210	398.	49.	0.06
MILE	357.41	594.37	124170.	0.90	137552.	23861.	7.81	0.0210	397.	58.	0.07
MILE	353.21	594.33	119463.	1.08	110585.	6688.	9.22	0.0230	398.	57.	0.05
MILE	349.00	594.22	118318.	1.02	115643.	3826.	9.73	0.0240	398.	60.	0.03

ODATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	6.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH	FROUDE										
MILE	424.70	605.66	86157.	2.80	30799.	9424.	8.75	0.0230	2584.	30.	0.27
MILE	420.49	604.52	101474.	3.11	32658.	5010.	7.39	0.0230	482.	26.	0.21
MILE	416.28	603.60	112360.	3.58	31343.	4515.	7.53	0.0270	481.	24.	0.24
MILE	412.08	602.12	119213.	3.37	35351.	3336.	7.74	0.0270	482.	26.	0.18
MILE	407.88	600.67	124074.	3.47	35728.	3772.	7.75	0.0270	482.	24.	0.20
MILE	403.67	599.47	126192.	3.67	34366.	2585.	7.77	0.0240	481.	26.	0.18
MILE	399.47	598.41	130325.	2.71	48133.	9917.	7.13	0.0220	482.	34.	0.22
MILE	395.26	597.48	132084.	3.43	38530.	12539.	9.58	0.0220	481.	39.	0.34
MILE	391.06	596.57	134276.	2.87	46811.	2568.	7.63	0.0220	440.	30.	0.12
MILE	386.85	595.99	134973.	2.24	60277.	5126.	5.89	0.0210	398.	37.	0.12
MILE	382.64	595.51	135235.	1.75	77454.	9719.	6.05	0.0210	397.	32.	0.11
MILE	378.44	595.14	134717.	2.12	63507.	12297.	5.46	0.0210	397.	39.	0.16
MILE	374.23	594.93	132375.	1.28	103284.	13972.	6.47	0.0210	398.	36.	0.08
MILE	370.03	594.79	129520.	1.15	112870.	8134.	6.97	0.0210	398.	45.	0.05
MILE	365.82	594.58	127955.	1.01	126896.	7694.	6.83	0.0210	397.	41.	0.04

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MILE 361.62	594.48	125020.	1.09	114981.	12623.	7.83	0.0210	398.	49.	0.06
MILE 357.41	594.42	122181.	0.89	137838.	23911.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.38	117240.	1.06	110767.	6703.	9.23	0.0230	398.	57.	0.05
MILE 349.00	594.27	116026.	1.00	115834.	3828.	9.74	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.38	86740.	2.85	30440.	9212.	8.71	0.0230	2567.	29.	0.28
MILE 420.49	604.21	99640.	3.10	32169.	4893.	7.32	0.0230	482.	25.	0.21
MILE 416.28	603.30	107683.	3.49	30868.	4413.	7.47	0.0270	481.	24.	0.23
MILE 412.08	601.88	114052.	3.26	34953.	3292.	7.69	0.0270	482.	25.	0.18
MILE 407.88	600.50	119940.	3.40	35316.	3709.	7.74	0.0270	482.	24.	0.19
MILE 403.67	599.36	122590.	3.59	34152.	2554.	7.76	0.0240	481.	26.	0.17
MILE 399.47	598.34	127746.	2.67	47838.	9828.	7.14	0.0220	482.	34.	0.21
MILE 395.26	597.44	129832.	3.38	38457.	12495.	9.57	0.0220	481.	39.	0.34
MILE 391.06	596.55	132413.	2.83	46762.	2567.	7.63	0.0220	440.	30.	0.12
MILE 386.85	595.99	133219.	2.21	60264.	5126.	5.89	0.0210	398.	37.	0.11
MILE 382.64	595.52	133549.	1.72	77508.	9728.	6.05	0.0210	397.	32.	0.11
MILE 378.44	595.17	133127.	2.09	63615.	12316.	5.46	0.0210	397.	39.	0.16
MILE 374.23	594.96	130820.	1.26	103459.	13990.	6.48	0.0210	398.	36.	0.08
MILE 370.03	594.82	127969.	1.13	113068.	8146.	6.98	0.0210	398.	45.	0.05
MILE 365.82	594.62	126377.	0.99	127180.	7703.	6.84	0.0210	397.	41.	0.04
MILE 361.62	594.53	123383.	1.07	115206.	12649.	7.84	0.0210	398.	49.	0.06
MILE 357.41	594.46	120482.	0.87	138126.	23962.	7.82	0.0210	397.	58.	0.06
MILE 353.21	594.43	115402.	1.04	110950.	6717.	9.24	0.0230	398.	58.	0.05
MILE 349.00	594.32	114155.	0.98	116024.	3829.	9.75	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.15	87027.	2.89	30153.	9043.	8.67	0.0230	2549.	29.	0.28
MILE 420.49	603.95	98054.	3.09	31749.	4792.	7.27	0.0230	482.	25.	0.21
MILE 416.28	603.05	104931.	3.44	30476.	4328.	7.43	0.0270	481.	24.	0.23
MILE 412.08	601.66	110680.	3.20	34586.	3251.	7.64	0.0270	482.	25.	0.17
MILE 407.88	600.32	116064.	3.33	34887.	3643.	7.74	0.0270	482.	24.	0.19
MILE 403.67	599.23	118633.	3.50	33907.	2518.	7.74	0.0240	481.	26.	0.17
MILE 399.47	598.26	124478.	2.62	47472.	9716.	7.15	0.0220	482.	34.	0.21
MILE 395.26	597.40	126917.	3.31	38366.	12440.	9.57	0.0220	481.	39.	0.33
MILE 391.06	596.53	130180.	2.79	46696.	2566.	7.63	0.0220	440.	30.	0.12
MILE 386.85	595.98	131176.	2.18	60239.	5126.	5.89	0.0210	398.	37.	0.11

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MILE 382.64	595.53	131624.	1.70	77555.	9735.	6.05	0.0210	397.	32.	0.11
MILE 378.44	595.19	131363.	2.06	63720.	12334.	5.47	0.0210	397.	39.	0.16
MILE 374.23	594.99	129122.	1.25	103632.	14008.	6.49	0.0210	398.	36.	0.08
MILE 370.03	594.86	126311.	1.12	113267.	8158.	6.99	0.0210	398.	45.	0.05
MILE 365.82	594.66	124729.	0.98	127464.	7712.	6.85	0.0210	397.	41.	0.04
MILE 361.62	594.57	121745.	1.05	115431.	12674.	7.85	0.0210	398.	49.	0.06
MILE 357.41	594.51	118844.	0.86	138416.	24014.	7.82	0.0210	397.	58.	0.06
MILE 353.21	594.47	113756.	1.02	111134.	6732.	9.25	0.0230	398.	58.	0.04
MILE 349.00	594.37	112500.	0.97	116214.	3831.	9.76	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.96	87444.	2.92	29917.	8901.	8.64	0.0230	2530.	29.	0.28
MILE 420.49	603.73	97031.	3.09	31397.	4708.	7.22	0.0230	482.	25.	0.21
MILE 416.28	602.83	102920.	3.41	30139.	4256.	7.39	0.0270	481.	24.	0.23
MILE 412.08	601.47	107959.	3.15	34261.	3215.	7.60	0.0270	482.	25.	0.17
MILE 407.88	600.15	112853.	3.27	34495.	3583.	7.74	0.0270	482.	24.	0.19
MILE 403.67	599.10	115311.	3.43	33666.	2483.	7.73	0.0240	481.	26.	0.16
MILE 399.47	598.16	121207.	2.57	47077.	9596.	7.16	0.0220	482.	34.	0.20
MILE 395.26	597.34	123793.	3.24	38257.	12373.	9.57	0.0220	481.	39.	0.32
MILE 391.06	596.50	127526.	2.74	46611.	2565.	7.63	0.0220	440.	30.	0.11
MILE 386.85	595.97	128717.	2.14	60191.	5125.	5.89	0.0210	398.	37.	0.11
MILE 382.64	595.53	129321.	1.67	77585.	9740.	6.05	0.0210	397.	32.	0.10
MILE 378.44	595.20	129318.	2.03	63817.	12350.	5.47	0.0210	397.	39.	0.16
MILE 374.23	595.01	127217.	1.23	103799.	14020.	6.49	0.0210	398.	37.	0.08
MILE 370.03	594.89	124504.	1.10	113460.	8170.	6.99	0.0210	398.	45.	0.05
MILE 365.82	594.70	122963.	0.96	127744.	7721.	6.85	0.0210	397.	41.	0.04
MILE 361.62	594.61	120032.	1.04	115654.	12700.	7.86	0.0210	398.	49.	0.06
MILE 357.41	594.55	117165.	0.84	138704.	24065.	7.83	0.0210	397.	58.	0.06
MILE 353.21	594.52	112123.	1.01	111317.	6747.	9.26	0.0230	398.	58.	0.04
MILE 349.00	594.42	110867.	0.95	116404.	3832.	9.77	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.78	87138.	2.93	29709.	8768.	8.61	0.0230	2510.	29.	0.28
MILE 420.49	603.54	95877.	3.08	31085.	4633.	7.18	0.0230	482.	25.	0.21
MILE 416.28	602.65	101201.	3.39	29846.	4192.	7.35	0.0270	481.	23.	0.22
MILE 412.08	601.30	105755.	3.11	33974.	3184.	7.57	0.0270	482.	25.	0.17
MILE 407.88	600.00	110194.	3.23	34142.	3528.	7.74	0.0270	482.	24.	0.18

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MILE 403.67	598.98	112500.	3.36	33440.	2450.	7.72	0.0240	481.	26.	0.16
MILE 399.47	598.07	118234.	2.53	46683.	9474.	7.17	0.0220	482.	34.	0.20
MILE 395.26	597.28	120844.	3.17	38139.	12300.	9.57	0.0220	481.	39.	0.32
MILE 391.06	596.47	124734.	2.68	46515.	2563.	7.62	0.0220	440.	30.	0.11
MILE 386.85	595.95	126017.	2.10	60128.	5125.	5.88	0.0210	398.	37.	0.11
MILE 382.64	595.54	126724.	1.63	77598.	9742.	6.05	0.0210	397.	32.	0.10
MILE 378.44	595.22	126942.	1.99	63900.	12365.	5.48	0.0210	397.	39.	0.15
MILE 374.23	595.04	125034.	1.20	103954.	14026.	6.50	0.0210	398.	37.	0.08
MILE 370.03	594.92	122490.	1.08	113644.	8182.	7.00	0.0210	398.	45.	0.05
MILE 365.82	594.74	121035.	0.95	128015.	7730.	6.86	0.0210	397.	42.	0.04
MILE 361.62	594.65	118310.	1.02	115869.	12724.	7.86	0.0210	398.	49.	0.06
MILE 357.41	594.59	116018.	0.83	138969.	24111.	7.83	0.0210	397.	58.	0.06
MILE 353.21	594.56	112608.	1.01	111465.	6759.	9.26	0.0230	398.	58.	0.04
MILE 349.00	594.45	111866.	0.96	116519.	3833.	9.78	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.61	86441.	2.93	29509.	8640.	8.57	0.0230	2493.	29.	0.28
MILE 420.49	603.36	94632.	3.07	30796.	4564.	7.14	0.0230	482.	24.	0.21
MILE 416.28	602.47	99583.	3.37	29580.	4134.	7.32	0.0270	481.	23.	0.22
MILE 412.08	601.14	103795.	3.08	33714.	3155.	7.54	0.0270	482.	25.	0.17
MILE 407.88	599.86	107891.	3.18	33915.	3477.	7.71	0.0270	482.	24.	0.18
MILE 403.67	598.87	110087.	3.31	33227.	2418.	7.70	0.0240	481.	26.	0.16
MILE 399.47	597.98	115553.	2.50	46302.	9356.	7.17	0.0220	482.	34.	0.20
MILE 395.26	597.21	118109.	3.11	38020.	12228.	9.57	0.0220	481.	39.	0.31
MILE 391.06	596.43	121963.	2.63	46416.	2561.	7.62	0.0220	440.	30.	0.11
MILE 386.85	595.94	123269.	2.05	60058.	5124.	5.88	0.0210	398.	37.	0.11
MILE 382.64	595.54	124022.	1.60	77600.	9743.	6.05	0.0210	397.	32.	0.10
MILE 378.44	595.23	124366.	1.94	63971.	12377.	5.48	0.0210	397.	39.	0.15
MILE 374.23	595.06	122687.	1.18	104092.	14031.	6.50	0.0210	398.	37.	0.08
MILE 370.03	594.94	120644.	1.06	113801.	8191.	7.01	0.0210	398.	45.	0.05
MILE 365.82	594.77	119751.	0.93	128230.	7737.	6.87	0.0210	397.	42.	0.04
MILE 361.62	594.68	118132.	1.02	116027.	12742.	7.87	0.0210	398.	49.	0.06
MILE 357.41	594.62	116524.	0.84	139162.	24145.	7.83	0.0210	397.	58.	0.06
MILE 353.21	594.59	113774.	1.02	111584.	6768.	9.27	0.0230	398.	58.	0.04
MILE 349.00	594.48	113162.	0.97	116633.	3834.	9.78	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	604.48	86748.	2.96	29353.	8540.	8.55	0.0230	2476.	28.	0.28
MILE 420.49	603.20	94054.	3.08	30547.	4504.	7.11	0.0230	482.	24.	0.21
MILE 416.28	602.32	98282.	3.35	29338.	4081.	7.29	0.0270	481.	23.	0.22
MILE 412.08	600.99	102032.	3.05	33474.	3128.	7.51	0.0270	482.	24.	0.16
MILE 407.88	599.73	105811.	3.14	33705.	3431.	7.69	0.0270	482.	23.	0.18
MILE 403.67	598.76	107883.	3.27	33029.	2389.	7.69	0.0240	481.	25.	0.15
MILE 399.47	597.89	113075.	2.46	45942.	9244.	7.18	0.0220	482.	34.	0.19
MILE 395.26	597.15	115551.	3.05	37904.	12157.	9.56	0.0220	481.	39.	0.30
MILE 391.06	596.39	119280.	2.58	46319.	2560.	7.61	0.0220	440.	30.	0.11
MILE 386.85	595.92	120571.	2.01	59986.	5123.	5.87	0.0210	398.	37.	0.10
MILE 382.64	595.54	121358.	1.56	77594.	9742.	6.05	0.0210	397.	32.	0.10
MILE 378.44	595.24	121911.	1.90	64024.	12386.	5.48	0.0210	397.	39.	0.15
MILE 374.23	595.07	121081.	1.16	104187.	14034.	6.51	0.0210	398.	37.	0.08
MILE 370.03	594.96	119876.	1.05	113907.	8198.	7.01	0.0210	398.	45.	0.05
MILE 365.82	594.79	119245.	0.93	128381.	7742.	6.87	0.0210	397.	42.	0.04
MILE 361.62	594.71	117804.	1.01	116149.	12756.	7.88	0.0210	398.	49.	0.06
MILE 357.41	594.65	116105.	0.83	139330.	24175.	7.84	0.0210	397.	58.	0.06
MILE 353.21	594.62	112658.	1.01	111705.	6778.	9.28	0.0230	398.	58.	0.04
MILE 349.00	594.52	111767.	0.96	116785.	3835.	9.79	0.0240	398.	60.	0.03

ODATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.93	108159.	3.62	29882.	8879.	8.64	0.0230	2459.	29.	0.35
MILE 420.49	603.32	105802.	3.44	30734.	4549.	7.13	0.0230	482.	24.	0.23
MILE 416.28	602.28	102018.	3.48	29274.	4067.	7.28	0.0270	481.	23.	0.23
MILE 412.08	600.89	101884.	3.06	33302.	3109.	7.49	0.0270	482.	24.	0.16
MILE 407.88	599.62	104214.	3.11	33521.	3390.	7.66	0.0270	482.	23.	0.17
MILE 403.67	598.66	105976.	3.23	32846.	2362.	7.68	0.0240	481.	25.	0.15
MILE 399.47	597.81	110776.	2.43	45604.	9138.	7.19	0.0220	482.	34.	0.19
MILE 395.26	597.09	113134.	2.99	37794.	12089.	9.56	0.0220	481.	39.	0.30
MILE 391.06	596.36	116736.	2.53	46223.	2558.	7.61	0.0220	440.	30.	0.10
MILE 386.85	595.90	118057.	1.97	59909.	5122.	5.87	0.0210	398.	37.	0.10
MILE 382.64	595.53	118965.	1.53	77567.	9737.	6.05	0.0210	397.	32.	0.10
MILE 378.44	595.25	119862.	1.87	64046.	12390.	5.48	0.0210	397.	39.	0.15
MILE 374.23	595.08	119416.	1.15	104248.	14037.	6.51	0.0210	398.	37.	0.07
MILE 370.03	594.97	118408.	1.04	113993.	8203.	7.01	0.0210	398.	45.	0.05
MILE 365.82	594.81	117653.	0.92	128535.	7747.	6.87	0.0210	397.	42.	0.04
MILE 361.62	594.73	115850.	1.00	116286.	12772.	7.88	0.0210	398.	49.	0.06
MILE 357.41	594.68	114127.	0.82	139515.	24207.	7.84	0.0210	397.	58.	0.06
MILE 353.21	594.65	111031.	0.99	111820.	6787.	9.28	0.0230	398.	58.	0.04
MILE 349.00	594.55	110312.	0.94	116899.	3836.	9.80	0.0240	398.	60.	0.03

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.66	92960.	3.14	29559.	8672.	8.58	0.0230	2441.	29.	0.30
MILE 420.49	603.24	98496.	3.22	30610.	4519.	7.12	0.0230	482.	24.	0.22
MILE 416.28	602.31	102258.	3.49	29323.	4078.	7.29	0.0270	481.	23.	0.23
MILE 412.08	600.90	104230.	3.13	33319.	3111.	7.49	0.0270	482.	24.	0.17
MILE 407.88	599.58	105086.	3.14	33464.	3377.	7.66	0.0270	482.	23.	0.18
MILE 403.67	598.61	105943.	3.24	32738.	2346.	7.67	0.0240	481.	25.	0.15
MILE 399.47	597.74	109138.	2.41	45318.	9048.	7.20	0.0220	482.	34.	0.19
MILE 395.26	597.04	111073.	2.95	37691.	12026.	9.56	0.0220	481.	39.	0.29
MILE 391.06	596.33	114462.	2.48	46128.	2557.	7.61	0.0220	440.	30.	0.10
MILE 386.85	595.88	115776.	1.94	59822.	5121.	5.86	0.0210	398.	37.	0.10
MILE 382.64	595.52	116710.	1.51	77523.	9730.	6.05	0.0210	397.	32.	0.09
MILE 378.44	595.25	117634.	1.84	64057.	12391.	5.48	0.0210	397.	39.	0.14
MILE 374.23	595.09	116952.	1.12	104310.	14039.	6.51	0.0210	398.	37.	0.07
MILE 370.03	594.99	115789.	1.01	114085.	8209.	7.02	0.0210	398.	45.	0.05
MILE 365.82	594.83	115181.	0.90	128692.	7752.	6.88	0.0210	397.	42.	0.04
MILE 361.62	594.76	113825.	0.98	116414.	12786.	7.89	0.0210	398.	49.	0.06
MILE 357.41	594.71	112398.	0.80	139684.	24237.	7.84	0.0210	397.	58.	0.06
MILE 353.21	594.67	109659.	0.98	111928.	6796.	9.29	0.0230	398.	58.	0.04
MILE 349.00	594.58	109045.	0.93	117013.	3837.	9.80	0.0240	398.	60.	0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.66	96446.	3.26	29560.	8673.	8.58	0.0230	2426.	29.	0.31
MILE 420.49	603.20	100083.	3.28	30555.	4506.	7.11	0.0230	482.	24.	0.22
MILE 416.28	602.24	101351.	3.47	29215.	4055.	7.27	0.0270	481.	23.	0.23
MILE 412.08	600.84	102817.	3.09	33226.	3100.	7.48	0.0270	482.	24.	0.17
MILE 407.88	599.54	104793.	3.14	33396.	3362.	7.65	0.0270	482.	23.	0.18
MILE 403.67	598.57	106070.	3.25	32665.	2335.	7.67	0.0240	481.	25.	0.15
MILE 399.47	597.70	108749.	2.41	45144.	8993.	7.21	0.0220	482.	34.	0.19
MILE 395.26	596.99	110302.	2.93	37611.	11976.	9.56	0.0220	481.	38.	0.29
MILE 391.06	596.30	112689.	2.45	46051.	2556.	7.60	0.0220	440.	30.	0.10
MILE 386.85	595.86	113729.	1.90	59747.	5120.	5.86	0.0210	398.	37.	0.10
MILE 382.64	595.51	114491.	1.48	77487.	9724.	6.05	0.0210	397.	32.	0.09
MILE 378.44	595.25	115207.	1.80	64074.	12394.	5.48	0.0210	397.	39.	0.14
MILE 374.23	595.10	114631.	1.10	104367.	14041.	6.51	0.0210	398.	37.	0.07
MILE 370.03	595.00	113627.	1.00	114164.	8213.	7.02	0.0210	398.	45.	0.05
MILE 365.82	594.85	113083.	0.88	128829.	7757.	6.88	0.0210	397.	42.	0.04
MILE 361.62	594.78	111799.	0.96	116530.	12799.	7.89	0.0210	398.	49.	0.06
MILE 357.41	594.73	110454.	0.79	139840.	24265.	7.84	0.0210	397.	58.	0.06
MILE 353.21	594.70	107911.	0.96	112030.	6804.	9.29	0.0230	398.	58.	0.04

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MILE 349.00 594.61 107331. 0.92 117127. 3838. 9.81 0.0240 398. 60. 0.03

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	604.76	101189.	3.41	29680.	8749.	8.60	0.0230	2411. 29. 0.33
MILE 420.49	603.22	102698.	3.36	30584.	4513.	7.11	0.0230	482. 24. 0.23
MILE 416.28	602.22	102408.	3.51	29192.	4049.	7.27	0.0270	481. 23. 0.23
MILE 412.08	600.81	103077.	3.11	33165.	3093.	7.47	0.0270	482. 24. 0.17
MILE 407.88	599.49	104357.	3.13	33319.	3345.	7.64	0.0270	482. 23. 0.17
MILE 403.67	598.52	105390.	3.23	32582.	2323.	7.66	0.0240	481. 25. 0.15
MILE 399.47	597.66	107992.	2.40	44975.	8939.	7.21	0.0220	482. 34. 0.19
MILE 395.26	596.96	109419.	2.91	37554.	11941.	9.56	0.0220	481. 38. 0.29
MILE 391.06	596.28	111442.	2.42	46002.	2555.	7.60	0.0220	440. 30. 0.10
MILE 386.85	595.85	112260.	1.88	59706.	5120.	5.85	0.0210	398. 37. 0.10
MILE 382.64	595.51	112834.	1.46	77474.	9722.	6.05	0.0210	397. 32. 0.09
MILE 378.44	595.26	113243.	1.77	64095.	12398.	5.49	0.0210	397. 39. 0.14
MILE 374.23	595.11	112585.	1.08	104423.	14043.	6.52	0.0210	398. 37. 0.07
MILE 370.03	595.01	111622.	0.98	114239.	8215.	7.02	0.0210	398. 45. 0.05
MILE 365.82	594.87	111281.	0.86	128948.	7761.	6.89	0.0210	397. 42. 0.04
MILE 361.62	594.79	111730.	0.96	116586.	12806.	7.89	0.0210	398. 49. 0.06
MILE 357.41	594.71	117981.	0.84	139693.	24239.	7.84	0.0210	397. 58. 0.06
MILE 353.21	594.60	137849.	1.23	111642.	6773.	9.27	0.0230	398. 58. 0.05
MILE 349.00	594.35	144670.	1.25	116140.	3830.	9.76	0.0240	398. 60. 0.04

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	604.78	101128.	3.40	29706.	8766.	8.61	0.0230	2397. 29. 0.33
MILE 420.49	603.24	103025.	3.37	30609.	4519.	7.12	0.0230	482. 24. 0.23
MILE 416.28	602.24	103275.	3.54	29212.	4054.	7.27	0.0270	481. 23. 0.23
MILE 412.08	600.80	103822.	3.13	33155.	3092.	7.47	0.0270	482. 24. 0.17
MILE 407.88	599.47	104582.	3.14	33282.	3337.	7.63	0.0270	482. 23. 0.18
MILE 403.67	598.49	105347.	3.24	32527.	2314.	7.66	0.0240	481. 25. 0.15
MILE 399.47	597.62	107231.	2.39	44841.	8897.	7.22	0.0220	482. 34. 0.19
MILE 395.26	596.94	108426.	2.89	37505.	11911.	9.56	0.0220	481. 38. 0.29
MILE 391.06	596.27	110188.	2.40	45961.	2554.	7.60	0.0220	440. 30. 0.10
MILE 386.85	595.85	110943.	1.86	59677.	5120.	5.85	0.0210	398. 37. 0.10
MILE 382.64	595.51	111453.	1.44	77476.	9723.	6.05	0.0210	397. 32. 0.09
MILE 378.44	595.26	111780.	1.74	64124.	12403.	5.49	0.0210	397. 39. 0.14
MILE 374.23	595.11	112085.	1.07	104438.	14044.	6.52	0.0210	398. 37. 0.07

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MILE 370.03	594.99	116101.	1.02	114109.	8210.	7.02	0.0210	398.	45.	0.05
MILE 365.82	594.79	122417.	0.95	128422.	7743.	6.87	0.0210	397.	42.	0.04
MILE 361.62	594.67	135339.	1.17	115961.	12735.	7.87	0.0210	398.	49.	0.07
MILE 357.41	594.57	144678.	1.04	138831.	24087.	7.83	0.0210	397.	58.	0.08
MILE 353.21	594.49	157284.	1.41	111219.	6739.	9.25	0.0230	398.	58.	0.06
MILE 349.00	594.28	160894.	1.39	115872.	3828.	9.74	0.0240	398.	60.	0.04

ODATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.79	101039.	3.40	29714.	8771.	8.61	0.0230	2382.	29.	0.33
MILE 420.49	603.25	103208.	3.37	30624.	4522.	7.12	0.0230	482.	24.	0.23
MILE 416.28	602.24	103611.	3.55	29222.	4056.	7.27	0.0270	481.	23.	0.23
MILE 412.08	600.80	104150.	3.14	33151.	3092.	7.47	0.0270	482.	24.	0.17
MILE 407.88	599.46	104841.	3.15	33264.	3332.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.47	105525.	3.25	32496.	2310.	7.66	0.0240	481.	25.	0.15
MILE 399.47	597.60	106918.	2.39	44754.	8869.	7.22	0.0220	482.	34.	0.19
MILE 395.26	596.92	107859.	2.88	37469.	11889.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.25	109166.	2.38	45931.	2554.	7.60	0.0220	440.	30.	0.10
MILE 386.85	595.84	109891.	1.84	59648.	5119.	5.85	0.0210	398.	37.	0.10
MILE 382.64	595.50	110799.	1.43	77435.	9716.	6.04	0.0210	397.	32.	0.09
MILE 378.44	595.24	113542.	1.77	63980.	12378.	5.48	0.0210	397.	39.	0.14
MILE 374.23	595.05	123473.	1.19	104008.	14028.	6.50	0.0210	398.	37.	0.08
MILE 370.03	594.90	133459.	1.18	113545.	8176.	7.00	0.0210	398.	45.	0.06
MILE 365.82	594.68	137983.	1.08	127609.	7717.	6.85	0.0210	397.	41.	0.05
MILE 361.62	594.56	143778.	1.25	115399.	12671.	7.84	0.0210	398.	49.	0.07
MILE 357.41	594.48	148600.	1.08	138211.	23977.	7.82	0.0210	397.	58.	0.08
MILE 353.21	594.42	154647.	1.39	110911.	6714.	9.24	0.0230	398.	58.	0.06
MILE 349.00	594.24	156179.	1.35	115720.	3827.	9.73	0.0240	398.	60.	0.04

ODATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.79	100949.	3.40	29716.	8772.	8.61	0.0230	2370.	29.	0.33
MILE 420.49	603.25	103274.	3.37	30629.	4524.	7.12	0.0230	482.	24.	0.23
MILE 416.28	602.24	103768.	3.55	29225.	4057.	7.27	0.0270	481.	23.	0.23
MILE 412.08	600.80	104334.	3.15	33146.	3091.	7.47	0.0270	482.	24.	0.17
MILE 407.88	599.45	104989.	3.16	33250.	3329.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.46	105616.	3.25	32474.	2307.	7.66	0.0240	481.	25.	0.15
MILE 399.47	597.59	106727.	2.39	44695.	8850.	7.22	0.0220	482.	33.	0.19
MILE 395.26	596.90	107567.	2.87	37443.	11872.	9.55	0.0220	481.	38.	0.29

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MILE 391.06	596.23	109210.	2.38	45872.	2553.	7.60	0.0220	440.	30.	0.10
MILE 386.85	595.81	110786.	1.86	59510.	5118.	5.84	0.0210	398.	37.	0.10
MILE 382.64	595.45	113245.	1.47	77153.	9671.	6.03	0.0210	397.	32.	0.09
MILE 378.44	595.16	118784.	1.87	63581.	12310.	5.46	0.0210	397.	39.	0.14
MILE 374.23	594.97	126329.	1.22	103521.	13996.	6.48	0.0210	398.	36.	0.08
MILE 370.03	594.83	134009.	1.18	113101.	8148.	6.98	0.0210	398.	45.	0.06
MILE 365.82	594.61	137483.	1.08	127120.	7701.	6.84	0.0210	397.	41.	0.05
MILE 361.62	594.51	141640.	1.23	115089.	12636.	7.83	0.0210	398.	49.	0.07
MILE 357.41	594.43	144580.	1.05	137899.	23922.	7.82	0.0210	397.	58.	0.08
MILE 353.21	594.38	146469.	1.32	110752.	6702.	9.23	0.0230	398.	57.	0.06
MILE 349.00	594.22	147288.	1.27	115644.	3826.	9.73	0.0240	398.	60.	0.04

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.79	100887.	3.40	29714.	8771.	8.61	0.0230	2357.	29.	0.33
MILE 420.49	603.25	103292.	3.37	30628.	4523.	7.12	0.0230	482.	24.	0.23
MILE 416.28	602.24	103839.	3.55	29223.	4056.	7.27	0.0270	481.	23.	0.23
MILE 412.08	600.79	104420.	3.15	33140.	3091.	7.47	0.0270	482.	24.	0.17
MILE 407.88	599.44	105057.	3.16	33238.	3327.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.45	105671.	3.26	32456.	2304.	7.66	0.0240	481.	25.	0.15
MILE 399.47	597.57	106862.	2.39	44640.	8833.	7.22	0.0220	482.	33.	0.19
MILE 395.26	596.88	108061.	2.89	37402.	11847.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.19	110924.	2.42	45746.	2551.	7.59	0.0220	440.	30.	0.10
MILE 386.85	595.75	112595.	1.90	59258.	5115.	5.83	0.0210	398.	37.	0.10
MILE 382.64	595.38	114656.	1.49	76796.	9613.	6.01	0.0210	397.	32.	0.09
MILE 378.44	595.09	118846.	1.88	63238.	12251.	5.44	0.0210	397.	39.	0.15
MILE 374.23	594.91	124228.	1.20	103136.	13957.	6.47	0.0210	398.	36.	0.08
MILE 370.03	594.78	128917.	1.14	112782.	8128.	6.97	0.0210	398.	45.	0.05
MILE 365.82	594.57	131181.	1.03	126835.	7691.	6.83	0.0210	397.	41.	0.04
MILE 361.62	594.47	134186.	1.17	114922.	12617.	7.82	0.0210	398.	49.	0.07
MILE 357.41	594.40	136978.	0.99	137721.	23891.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.35	140430.	1.27	110645.	6693.	9.22	0.0230	398.	57.	0.06
MILE 349.00	594.20	141635.	1.23	115568.	3826.	9.72	0.0240	398.	60.	0.04

0DATE 5-14-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.78	100777.	3.39	29709.	8768.	8.61	0.0230	2344.	29.	0.32
MILE 420.49	603.25	103249.	3.37	30623.	4522.	7.12	0.0230	482.	24.	0.23
MILE 416.28	602.24	103851.	3.55	29218.	4055.	7.27	0.0270	481.	23.	0.23

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MILE 412.08	600.79	104467.	3.15	33132.	3090.	7.46	0.0270	482.	24.	0.17
MILE 407.88	599.44	105166.	3.17	33226.	3324.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.44	105871.	3.26	32434.	2301.	7.66	0.0240	481.	25.	0.15
MILE 399.47	597.55	107601.	2.41	44560.	8807.	7.23	0.0220	482.	33.	0.19
MILE 395.26	596.85	109000.	2.92	37345.	11811.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.15	111693.	2.45	45629.	2549.	7.59	0.0220	440.	30.	0.10
MILE 386.85	595.70	113180.	1.92	59049.	5112.	5.81	0.0210	398.	37.	0.10
MILE 382.64	595.33	114834.	1.50	76514.	9568.	6.00	0.0210	397.	32.	0.09
MILE 378.44	595.04	117807.	1.87	62973.	12206.	5.43	0.0210	397.	39.	0.15
MILE 374.23	594.86	121029.	1.18	102860.	13928.	6.46	0.0210	398.	36.	0.08
MILE 370.03	594.74	124284.	1.10	112544.	8114.	6.96	0.0210	398.	45.	0.05
MILE 365.82	594.54	126303.	1.00	126616.	7684.	6.82	0.0210	397.	41.	0.04
MILE 361.62	594.45	129188.	1.13	114780.	12600.	7.82	0.0210	398.	49.	0.07
MILE 357.41	594.38	131749.	0.96	137564.	23863.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.33	135714.	1.23	110550.	6685.	9.22	0.0230	398.	57.	0.05
MILE 349.00	594.18	137104.	1.19	115492.	3825.	9.72	0.0240	398.	60.	0.04

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.03	110132.	3.67	30000.	8952.	8.65	0.0230	2331.	29.	0.35
MILE 420.49	603.35	108557.	3.53	30792.	4563.	7.14	0.0230	482.	24.	0.24
MILE 416.28	602.28	105886.	3.62	29274.	4067.	7.28	0.0270	481.	23.	0.24
MILE 412.08	600.79	105084.	3.17	33138.	3090.	7.47	0.0270	482.	24.	0.17
MILE 407.88	599.43	105448.	3.18	33209.	3320.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.42	106160.	3.28	32402.	2296.	7.65	0.0240	481.	25.	0.15
MILE 399.47	597.53	108048.	2.43	44456.	8774.	7.23	0.0220	482.	33.	0.19
MILE 395.26	596.82	109411.	2.93	37286.	11775.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.11	111810.	2.46	45529.	2547.	7.58	0.0220	440.	30.	0.10
MILE 386.85	595.66	113040.	1.92	58885.	5110.	5.80	0.0210	398.	37.	0.10
MILE 382.64	595.29	114334.	1.50	76309.	9535.	5.99	0.0210	397.	32.	0.09
MILE 378.44	595.01	116621.	1.86	62782.	12173.	5.42	0.0210	397.	39.	0.14
MILE 374.23	594.83	119426.	1.16	102644.	13906.	6.45	0.0210	398.	36.	0.08
MILE 370.03	594.71	122240.	1.09	112346.	8101.	6.95	0.0210	398.	45.	0.05
MILE 365.82	594.51	124035.	0.98	126417.	7678.	6.82	0.0210	397.	41.	0.04
MILE 361.62	594.42	126606.	1.10	114644.	12585.	7.81	0.0210	398.	49.	0.06
MILE 357.41	594.35	128935.	0.94	137402.	23834.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.30	132563.	1.20	110453.	6678.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.16	133750.	1.16	115416.	3825.	9.72	0.0240	398.	60.	0.04

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TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.31	117068.	3.86	30355.	9162.	8.70	0.0230	2321.	29.	0.37
MILE 420.49	603.53	113370.	3.65	31068.	4629.	7.18	0.0230	482.	25.	0.25
MILE 416.28	602.39	109354.	3.71	29456.	4107.	7.30	0.0270	481.	23.	0.24
MILE 412.08	600.85	107465.	3.23	33236.	3101.	7.48	0.0270	482.	24.	0.17
MILE 407.88	599.44	106731.	3.21	33237.	3327.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.42	107037.	3.30	32390.	2294.	7.65	0.0240	481.	25.	0.15
MILE 399.47	597.50	108332.	2.44	44361.	8743.	7.23	0.0220	482.	33.	0.19
MILE 395.26	596.79	109469.	2.94	37233.	11742.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.08	111558.	2.45	45446.	2546.	7.58	0.0220	440.	30.	0.10
MILE 386.85	595.63	112691.	1.92	58754.	5109.	5.79	0.0210	398.	37.	0.10
MILE 382.64	595.26	113895.	1.50	76144.	9509.	5.98	0.0210	397.	32.	0.09
MILE 378.44	594.98	116010.	1.85	62612.	12154.	5.42	0.0210	397.	39.	0.14
MILE 374.23	594.80	118645.	1.16	102465.	13888.	6.44	0.0210	398.	36.	0.08
MILE 370.03	594.68	121299.	1.08	112175.	8091.	6.94	0.0210	398.	45.	0.05
MILE 365.82	594.49	122938.	0.97	126232.	7672.	6.81	0.0210	397.	41.	0.04
MILE 361.62	594.40	125205.	1.09	114512.	12570.	7.81	0.0210	398.	49.	0.06
MILE 357.41	594.33	127216.	0.93	137249.	23807.	7.81	0.0210	397.	58.	0.07
MILE 353.21	594.28	130159.	1.18	110362.	6670.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.14	131227.	1.14	115339.	3824.	9.71	0.0240	398.	60.	0.04

ODATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	605.01	100383.	3.35	29975.	8937.	8.65	0.0230	2310.	29.	0.32
MILE 420.49	603.48	105311.	3.40	30999.	4613.	7.17	0.0230	482.	24.	0.23
MILE 416.28	602.46	108391.	3.67	29561.	4130.	7.32	0.0270	481.	23.	0.24
MILE 412.08	600.93	109143.	3.27	33362.	3115.	7.49	0.0270	482.	24.	0.18
MILE 407.88	599.49	108636.	3.26	33315.	3344.	7.64	0.0270	482.	23.	0.18
MILE 403.67	598.43	108742.	3.35	32422.	2299.	7.66	0.0240	481.	25.	0.16
MILE 399.47	597.49	109132.	2.46	44320.	8730.	7.23	0.0220	482.	33.	0.19
MILE 395.26	596.77	109900.	2.95	37192.	11717.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.05	111465.	2.46	45378.	2545.	7.58	0.0220	440.	30.	0.10
MILE 386.85	595.60	112462.	1.92	58642.	5108.	5.79	0.0210	398.	37.	0.10
MILE 382.64	595.23	113583.	1.49	76001.	9486.	5.97	0.0210	397.	32.	0.09
MILE 378.44	594.95	115569.	1.85	62459.	12139.	5.42	0.0210	397.	39.	0.14
MILE 374.23	594.77	118028.	1.15	102301.	13871.	6.44	0.0210	398.	36.	0.07
MILE 370.03	594.65	120485.	1.08	112022.	8081.	6.94	0.0210	398.	45.	0.05
MILE 365.82	594.46	121974.	0.97	126066.	7666.	6.81	0.0210	397.	41.	0.04
MILE 361.62	594.37	124024.	1.08	114394.	12556.	7.80	0.0210	398.	49.	0.06
MILE 357.41	594.30	125913.	0.92	137108.	23782.	7.80	0.0210	397.	58.	0.07
MILE 353.21	594.26	128614.	1.17	110276.	6663.	9.21	0.0230	398.	57.	0.05
MILE 349.00	594.12	129641.	1.12	115263.	3823.	9.71	0.0240	398.	60.	0.04

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TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH	FROUDE							
MILE 424.70	604.93	100084.	3.35	29876.	8875.	8.64	0.0230	2300. 29. 0.32
MILE 420.49	603.43	104449.	3.38	30910.	4591.	7.16	0.0230	482. 24. 0.23
MILE 416.28	602.41	106335.	3.61	29477.	4112.	7.31	0.0270	481. 23. 0.24
MILE 412.08	600.91	107589.	3.23	33333.	3112.	7.49	0.0270	482. 24. 0.17
MILE 407.88	599.50	108695.	3.26	33324.	3346.	7.64	0.0270	482. 23. 0.18
MILE 403.67	598.44	109402.	3.37	32436.	2301.	7.66	0.0240	481. 25. 0.16
MILE 399.47	597.49	110114.	2.48	44321.	8731.	7.23	0.0220	482. 33. 0.19
MILE 395.26	596.76	110791.	2.98	37171.	11704.	9.55	0.0220	481. 38. 0.29
MILE 391.06	596.04	111786.	2.47	45332.	2544.	7.57	0.0220	440. 30. 0.10
MILE 386.85	595.58	112562.	1.92	58554.	5107.	5.78	0.0210	398. 36. 0.10
MILE 382.64	595.21	113513.	1.50	75878.	9466.	5.97	0.0210	397. 32. 0.09
MILE 378.44	594.93	115215.	1.85	62323.	12126.	5.42	0.0210	397. 39. 0.14
MILE 374.23	594.75	117418.	1.15	102153.	13855.	6.43	0.0210	398. 36. 0.07
MILE 370.03	594.63	119684.	1.07	111881.	8073.	6.93	0.0210	398. 45. 0.05
MILE 365.82	594.44	121109.	0.96	125909.	7661.	6.81	0.0210	397. 41. 0.04
MILE 361.62	594.35	123197.	1.08	114278.	12543.	7.80	0.0210	398. 49. 0.06
MILE 357.41	594.28	125545.	0.92	136955.	23755.	7.80	0.0210	397. 58. 0.07
MILE 353.21	594.23	129708.	1.18	110161.	6654.	9.20	0.0230	398. 57. 0.05
MILE 349.00	594.08	131249.	1.14	115111.	3822.	9.70	0.0240	398. 60. 0.04

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
DEPTH	FROUDE							
MILE 424.70	604.87	99473.	3.34	29803.	8828.	8.62	0.0230	2290. 29. 0.32
MILE 420.49	603.37	103586.	3.36	30815.	4568.	7.14	0.0230	482. 24. 0.23
MILE 416.28	602.36	105405.	3.59	29401.	4095.	7.30	0.0270	481. 23. 0.24
MILE 412.08	600.87	106845.	3.21	33274.	3105.	7.48	0.0270	482. 24. 0.17
MILE 407.88	599.47	108089.	3.25	33284.	3337.	7.63	0.0270	482. 23. 0.18
MILE 403.67	598.43	108880.	3.36	32407.	2296.	7.65	0.0240	481. 25. 0.16
MILE 399.47	597.48	110156.	2.49	44280.	8718.	7.24	0.0220	482. 33. 0.19
MILE 395.26	596.75	111009.	2.99	37156.	11694.	9.55	0.0220	481. 38. 0.30
MILE 391.06	596.02	112171.	2.48	45297.	2543.	7.57	0.0220	440. 30. 0.10
MILE 386.85	595.57	112887.	1.93	58487.	5106.	5.78	0.0210	398. 36. 0.10
MILE 382.64	595.19	113709.	1.50	75779.	9450.	5.96	0.0210	397. 32. 0.09
MILE 378.44	594.90	115108.	1.85	62205.	12114.	5.41	0.0210	397. 39. 0.14
MILE 374.23	594.73	117133.	1.15	102017.	13841.	6.43	0.0210	398. 36. 0.07
MILE 370.03	594.61	119534.	1.07	111738.	8064.	6.93	0.0210	398. 45. 0.05
MILE 365.82	594.41	121325.	0.97	125718.	7655.	6.80	0.0210	397. 41. 0.04

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MILE 361.62	594.32	124064.	1.09	114124.	12526.	7.79	0.0210	398.	49.	0.06
MILE 357.41	594.25	125968.	0.92	136780.	23723.	7.80	0.0210	397.	58.	0.07
MILE 353.21	594.21	127674.	1.16	110088.	6648.	9.20	0.0230	398.	57.	0.05
MILE 349.00	594.08	128325.	1.11	115111.	3822.	9.70	0.0240	398.	60.	0.04

ODATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.82	99216.	3.34	29745.	8791.	8.61	0.0230	2273.	29.	0.32
MILE 420.49	603.32	103077.	3.35	30733.	4549.	7.13	0.0230	482.	24.	0.23
MILE 416.28	602.31	104767.	3.57	29327.	4079.	7.29	0.0270	481.	23.	0.23
MILE 412.08	600.84	106175.	3.20	33211.	3098.	7.47	0.0270	482.	24.	0.17
MILE 407.88	599.44	107489.	3.23	33236.	3326.	7.63	0.0270	482.	23.	0.18
MILE 403.67	598.40	108334.	3.35	32366.	2290.	7.65	0.0240	481.	25.	0.16
MILE 399.47	597.47	109782.	2.48	44215.	8697.	7.24	0.0220	482.	33.	0.19
MILE 395.26	596.74	110746.	2.98	37131.	11679.	9.55	0.0220	481.	38.	0.29
MILE 391.06	596.01	112150.	2.48	45255.	2543.	7.57	0.0220	440.	30.	0.10
MILE 386.85	595.55	112956.	1.93	58418.	5105.	5.77	0.0210	398.	36.	0.10
MILE 382.64	595.17	113832.	1.50	75685.	9435.	5.96	0.0210	397.	32.	0.09
MILE 378.44	594.88	115353.	1.86	62090.	12103.	5.41	0.0210	397.	38.	0.14
MILE 374.23	594.71	117816.	1.16	101871.	13826.	6.42	0.0210	398.	36.	0.08
MILE 370.03	594.58	120112.	1.08	111593.	8055.	6.92	0.0210	398.	45.	0.05
MILE 365.82	594.39	121164.	0.96	125567.	7650.	6.80	0.0210	397.	41.	0.04
MILE 361.62	594.30	122342.	1.07	114033.	12515.	7.79	0.0210	398.	49.	0.06
MILE 357.41	594.23	124142.	0.91	136666.	23703.	7.80	0.0210	397.	58.	0.07
MILE 353.21	594.18	127754.	1.16	109986.	6640.	9.19	0.0230	398.	57.	0.05
MILE 349.00	594.04	129149.	1.12	114959.	3821.	9.69	0.0240	398.	60.	0.04

ODATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.65	94344.	3.19	29547.	8664.	8.58	0.0230	2256.	29.	0.30
MILE 420.49	603.21	100007.	3.27	30571.	4510.	7.11	0.0230	482.	24.	0.22
MILE 416.28	602.25	103257.	3.53	29229.	4058.	7.28	0.0270	481.	23.	0.23
MILE 412.08	600.79	105366.	3.18	33140.	3091.	7.47	0.0270	482.	24.	0.17
MILE 407.88	599.41	106893.	3.22	33184.	3315.	7.62	0.0270	482.	23.	0.18
MILE 403.67	598.38	107787.	3.34	32320.	2284.	7.65	0.0240	481.	25.	0.16
MILE 399.47	597.45	109373.	2.48	44135.	8671.	7.24	0.0220	482.	33.	0.19
MILE 395.26	596.72	110407.	2.98	37099.	11659.	9.55	0.0220	481.	38.	0.29
MILE 391.06	595.99	111986.	2.48	45206.	2542.	7.57	0.0220	440.	29.	0.10
MILE 386.85	595.53	112898.	1.94	58338.	5104.	5.77	0.0210	398.	36.	0.10

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MILE 382.64	595.15	113889.	1.51	75577.	9417.	5.95	0.0210	397.	32.	0.09
MILE 378.44	594.86	115501.	1.86	61972.	12091.	5.41	0.0210	397.	38.	0.15
MILE 374.23	594.69	117106.	1.15	101758.	13815.	6.42	0.0210	398.	36.	0.07
MILE 370.03	594.57	119006.	1.07	111487.	8048.	6.92	0.0210	398.	45.	0.05
MILE 365.82	594.37	120627.	0.96	125426.	7645.	6.79	0.0210	397.	41.	0.04
MILE 361.62	594.28	123265.	1.08	113907.	12501.	7.78	0.0210	398.	49.	0.06
MILE 357.41	594.21	125439.	0.92	136502.	23674.	7.79	0.0210	397.	58.	0.07
MILE 353.21	594.16	128330.	1.17	109893.	6633.	9.19	0.0230	398.	57.	0.05
MILE 349.00	594.02	129463.	1.13	114883.	3820.	9.69	0.0240	398.	60.	0.04

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	604.29	84368.	2.90	29129.	8397.	8.51	0.0230	2240.	28.	0.27
MILE 420.49	603.00	93539.	3.09	30236.	4429.	7.07	0.0230	482.	24.	0.21
MILE 416.28	602.12	99685.	3.43	29027.	4013.	7.25	0.0270	481.	23.	0.23
MILE 412.08	600.72	103373.	3.13	33012.	3076.	7.45	0.0270	482.	24.	0.17
MILE 407.88	599.36	105783.	3.20	33105.	3297.	7.61	0.0270	482.	23.	0.18
MILE 403.67	598.35	106941.	3.32	32258.	2274.	7.65	0.0240	481.	25.	0.16
MILE 399.47	597.42	108883.	2.47	44039.	8640.	7.24	0.0220	482.	33.	0.19
MILE 395.26	596.70	110055.	2.97	37062.	11636.	9.55	0.0220	481.	38.	0.29
MILE 391.06	595.97	111795.	2.48	45151.	2541.	7.57	0.0220	440.	29.	0.10
MILE 386.85	595.51	112696.	1.93	58254.	5103.	5.76	0.0210	398.	36.	0.10
MILE 382.64	595.13	113596.	1.51	75477.	9401.	5.95	0.0210	397.	32.	0.09
MILE 378.44	594.85	115088.	1.86	61868.	12081.	5.41	0.0210	397.	38.	0.14
MILE 374.23	594.67	117468.	1.16	101624.	13801.	6.41	0.0210	398.	36.	0.08
MILE 370.03	594.54	119883.	1.08	111344.	8039.	6.91	0.0210	398.	45.	0.05
MILE 365.82	594.35	121309.	0.97	125250.	7639.	6.79	0.0210	397.	41.	0.04
MILE 361.62	594.26	123260.	1.08	113782.	12487.	7.78	0.0210	398.	49.	0.06
MILE 357.41	594.19	125134.	0.92	136357.	23648.	7.79	0.0210	397.	58.	0.07
MILE 353.21	594.14	127923.	1.16	109806.	6626.	9.18	0.0230	398.	57.	0.05
MILE 349.00	594.00	128962.	1.12	114807.	3820.	9.68	0.0240	398.	60.	0.04

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.91	77248.	2.69	28687.	8113.	8.44	0.0230	2223.	28.	0.25
MILE 420.49	602.73	87951.	2.95	29800.	4324.	7.01	0.0230	482.	24.	0.20
MILE 416.28	601.90	95124.	3.31	28700.	3942.	7.21	0.0270	481.	23.	0.22
MILE 412.08	600.57	99906.	3.05	32779.	3050.	7.42	0.0270	482.	24.	0.16
MILE 407.88	599.27	103527.	3.14	32960.	3265.	7.59	0.0270	482.	23.	0.17

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MILE 403.67	598.29	105161.	3.27	32154.	2259.	7.64	0.0240	481.	25.	0.15
MILE 399.47	597.39	107952.	2.46	43904.	8596.	7.25	0.0220	482.	33.	0.19
MILE 395.26	596.68	109390.	2.96	37018.	11608.	9.55	0.0220	481.	38.	0.29
MILE 391.06	595.95	111355.	2.47	45092.	2540.	7.56	0.0220	440.	29.	0.10
MILE 386.85	595.49	112367.	1.93	58169.	5102.	5.76	0.0210	398.	36.	0.10
MILE 382.64	595.11	113429.	1.51	75368.	9384.	5.94	0.0210	397.	32.	0.09
MILE 378.44	594.82	115221.	1.87	61741.	12069.	5.41	0.0210	397.	38.	0.15
MILE 374.23	594.64	117418.	1.16	101486.	13787.	6.40	0.0210	398.	36.	0.08
MILE 370.03	594.52	119711.	1.08	111211.	8031.	6.91	0.0210	398.	45.	0.05
MILE 365.82	594.33	121112.	0.97	125099.	7634.	6.78	0.0210	397.	41.	0.04
MILE 361.62	594.24	122935.	1.08	113676.	12475.	7.77	0.0210	398.	49.	0.06
MILE 357.41	594.17	124204.	0.91	136245.	23628.	7.79	0.0210	397.	58.	0.07
MILE 353.21	594.13	125180.	1.14	109759.	6622.	9.18	0.0230	398.	57.	0.05
MILE 349.00	594.00	125687.	1.09	114807.	3820.	9.68	0.0240	398.	60.	0.04

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.70	77789.	2.73	28445.	7957.	8.40	0.0230	2208.	28.	0.25
MILE 420.49	602.50	86642.	2.94	29433.	4235.	6.95	0.0230	482.	24.	0.20
MILE 416.28	601.67	92027.	3.25	28351.	3865.	7.17	0.0270	481.	22.	0.21
MILE 412.08	600.40	96412.	2.97	32485.	3017.	7.38	0.0270	482.	24.	0.16
MILE 407.88	599.14	100489.	3.07	32753.	3218.	7.57	0.0270	482.	23.	0.17
MILE 403.67	598.21	102432.	3.20	31997.	2235.	7.63	0.0240	481.	25.	0.15
MILE 399.47	597.34	106184.	2.43	43698.	8530.	7.26	0.0220	482.	33.	0.19
MILE 395.26	596.64	108044.	2.92	36958.	11571.	9.55	0.0220	481.	38.	0.29
MILE 391.06	595.92	110718.	2.46	45015.	2539.	7.56	0.0220	440.	29.	0.10
MILE 386.85	595.47	111919.	1.93	58062.	5101.	5.75	0.0210	398.	36.	0.10
MILE 382.64	595.09	113058.	1.50	75245.	9364.	5.93	0.0210	397.	32.	0.09
MILE 378.44	594.80	114888.	1.86	61617.	12056.	5.41	0.0210	397.	38.	0.15
MILE 374.23	594.62	117017.	1.15	101354.	13773.	6.40	0.0210	398.	36.	0.08
MILE 370.03	594.50	118869.	1.07	111096.	8024.	6.90	0.0210	398.	45.	0.05
MILE 365.82	594.31	119788.	0.96	124996.	7631.	6.78	0.0210	397.	41.	0.04
MILE 361.62	594.22	120837.	1.06	113617.	12468.	7.77	0.0210	398.	49.	0.06
MILE 357.41	594.16	122334.	0.90	136170.	23615.	7.79	0.0210	397.	58.	0.07
MILE 353.21	594.11	125182.	1.14	109687.	6616.	9.18	0.0230	398.	57.	0.05
MILE 349.00	593.97	126339.	1.10	114693.	3819.	9.68	0.0240	398.	59.	0.04

ODATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	603.53	77985.	2.76	28250.	7832.	8.36	0.0230	2193.	28.	0.26
MILE 420.49	602.31	85586.	2.94	29125.	4161.	6.91	0.0230	482.	23.	0.20
MILE 416.28	601.49	90175.	3.21	28065.	3802.	7.13	0.0270	481.	22.	0.21
MILE 412.08	600.23	94093.	2.92	32218.	2987.	7.35	0.0270	482.	24.	0.16
MILE 407.88	599.01	97805.	3.01	32538.	3171.	7.54	0.0270	482.	23.	0.17
MILE 403.67	598.11	99703.	3.13	31816.	2208.	7.62	0.0240	481.	25.	0.15
MILE 399.47	597.27	103944.	2.39	43426.	8441.	7.27	0.0220	482.	33.	0.19
MILE 395.26	596.60	106147.	2.88	36873.	11518.	9.54	0.0220	481.	38.	0.28
MILE 391.06	595.89	109526.	2.44	44915.	2537.	7.56	0.0220	440.	29.	0.10
MILE 386.85	595.44	110971.	1.92	57935.	5099.	5.74	0.0210	398.	36.	0.10
MILE 382.64	595.06	112249.	1.49	75112.	9343.	5.93	0.0210	397.	32.	0.09
MILE 378.44	594.78	114146.	1.86	61498.	12044.	5.41	0.0210	397.	38.	0.14
MILE 374.23	594.61	115723.	1.14	101248.	13762.	6.40	0.0210	398.	36.	0.07
MILE 370.03	594.49	117441.	1.06	111001.	8018.	6.90	0.0210	398.	44.	0.05
MILE 365.82	594.30	118866.	0.95	124881.	7627.	6.78	0.0210	397.	41.	0.04
MILE 361.62	594.21	121083.	1.07	113518.	12457.	7.77	0.0210	398.	49.	0.06
MILE 357.41	594.14	122820.	0.90	136048.	23593.	7.79	0.0210	397.	58.	0.07
MILE 353.21	594.09	124971.	1.14	109623.	6611.	9.17	0.0230	398.	57.	0.05
MILE 349.00	593.96	125845.	1.10	114655.	3819.	9.67	0.0240	398.	59.	0.04

ODATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.39	78179.	2.78	28088.	7728.	8.33	0.0230	2172.	27.	0.26
MILE 420.49	602.14	84851.	2.94	28867.	4098.	6.88	0.0230	482.	23.	0.20
MILE 416.28	601.33	88803.	3.19	27821.	3748.	7.10	0.0270	481.	22.	0.21
MILE 412.08	600.09	92261.	2.88	31982.	2961.	7.32	0.0270	482.	23.	0.15
MILE 407.88	598.89	95657.	2.96	32340.	3126.	7.52	0.0270	482.	23.	0.16
MILE 403.67	598.01	97493.	3.08	31637.	2181.	7.61	0.0240	481.	25.	0.14
MILE 399.47	597.19	101824.	2.36	43126.	8344.	7.28	0.0220	482.	33.	0.18
MILE 395.26	596.54	104174.	2.83	36769.	11453.	9.54	0.0220	481.	38.	0.28
MILE 391.06	595.84	107910.	2.41	44797.	2535.	7.55	0.0220	440.	29.	0.10
MILE 386.85	595.40	109490.	1.89	57790.	5098.	5.73	0.0210	398.	36.	0.10
MILE 382.64	595.04	110848.	1.48	74972.	9320.	5.92	0.0210	397.	32.	0.09
MILE 378.44	594.76	112956.	1.84	61377.	12032.	5.41	0.0210	397.	38.	0.14
MILE 374.23	594.58	115370.	1.14	101114.	13748.	6.39	0.0210	398.	36.	0.07
MILE 370.03	594.46	117630.	1.06	110869.	8010.	6.89	0.0210	398.	44.	0.05
MILE 365.82	594.28	118869.	0.95	124738.	7623.	6.77	0.0210	397.	41.	0.04
MILE 361.62	594.19	120387.	1.06	113426.	12446.	7.76	0.0210	398.	49.	0.06
MILE 357.41	594.12	121754.	0.90	135948.	23575.	7.79	0.0210	397.	58.	0.07
MILE 353.21	594.08	123589.	1.13	109567.	6606.	9.17	0.0230	398.	57.	0.05
MILE 349.00	593.95	124320.	1.08	114617.	3818.	9.67	0.0240	398.	59.	0.03

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.28	78402.	2.80	27952.	7641.	8.31	0.0230	2151.	27.	0.26
MILE 420.49	602.01	84330.	2.94	28648.	4045.	6.85	0.0230	482.	23.	0.19
MILE 416.28	601.19	87750.	3.18	27613.	3702.	7.07	0.0270	481.	22.	0.21
MILE 412.08	599.96	90826.	2.86	31776.	2937.	7.29	0.0270	482.	23.	0.15
MILE 407.88	598.78	93920.	2.92	32159.	3085.	7.49	0.0270	482.	23.	0.16
MILE 403.67	597.91	95670.	3.04	31465.	2155.	7.60	0.0240	481.	25.	0.14
MILE 399.47	597.12	99941.	2.33	42821.	8243.	7.29	0.0220	482.	33.	0.18
MILE 395.26	596.48	102314.	2.79	36658.	11383.	9.54	0.0220	481.	38.	0.27
MILE 391.06	595.80	106146.	2.38	44670.	2533.	7.55	0.0220	440.	29.	0.10
MILE 386.85	595.36	107855.	1.87	57631.	5096.	5.72	0.0210	398.	36.	0.10
MILE 382.64	595.01	109422.	1.46	74807.	9294.	5.91	0.0210	397.	32.	0.09
MILE 378.44	594.73	111946.	1.83	61223.	12017.	5.40	0.0210	397.	38.	0.14
MILE 374.23	594.56	114297.	1.13	100967.	13733.	6.38	0.0210	398.	36.	0.07
MILE 370.03	594.44	116478.	1.05	110744.	8002.	6.89	0.0210	398.	44.	0.05
MILE 365.82	594.26	117715.	0.94	124619.	7619.	6.77	0.0210	397.	41.	0.04
MILE 361.62	594.17	119235.	1.05	113349.	12438.	7.76	0.0210	398.	49.	0.06
MILE 357.41	594.11	120516.	0.89	135865.	23560.	7.78	0.0210	397.	58.	0.07
MILE 353.21	594.07	122079.	1.11	109519.	6602.	9.17	0.0230	398.	57.	0.05
MILE 349.00	593.94	122780.	1.07	114579.	3818.	9.67	0.0240	398.	59.	0.03

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.18	78616.	2.82	27838.	7567.	8.29	0.0230	2133.	27.	0.26
MILE 420.49	601.89	83946.	2.95	28462.	4000.	6.82	0.0230	482.	23.	0.19
MILE 416.28	601.07	86938.	3.17	27433.	3662.	7.05	0.0270	481.	22.	0.20
MILE 412.08	599.85	89688.	2.84	31596.	2917.	7.27	0.0270	482.	23.	0.15
MILE 407.88	598.67	92509.	2.89	31992.	3048.	7.47	0.0270	482.	22.	0.16
MILE 403.67	597.83	94160.	3.01	31303.	2130.	7.59	0.0240	481.	25.	0.14
MILE 399.47	597.04	98255.	2.31	42521.	8144.	7.30	0.0220	482.	33.	0.18
MILE 395.26	596.42	100621.	2.75	36544.	11312.	9.54	0.0220	481.	38.	0.27
MILE 391.06	595.75	104542.	2.35	44535.	2531.	7.54	0.0220	440.	29.	0.10
MILE 386.85	595.32	106294.	1.85	57455.	5094.	5.71	0.0210	398.	36.	0.10
MILE 382.64	594.97	107878.	1.45	74628.	9277.	5.90	0.0210	397.	32.	0.09
MILE 378.44	594.70	110395.	1.81	61067.	12002.	5.40	0.0210	397.	38.	0.14
MILE 374.23	594.54	112735.	1.12	100818.	13718.	6.38	0.0210	398.	36.	0.07
MILE 370.03	594.42	114833.	1.04	110617.	7994.	6.88	0.0210	398.	44.	0.05
MILE 365.82	594.24	116011.	0.93	124506.	7615.	6.77	0.0210	397.	41.	0.04
MILE 361.62	594.16	117128.	1.03	113289.	12431.	7.76	0.0210	398.	49.	0.06
MILE 357.41	594.11	116478.	0.86	135863.	23560.	7.78	0.0210	397.	58.	0.06
MILE 353.21	594.09	112188.	1.02	109605.	6609.	9.17	0.0230	398.	57.	0.04

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MILE 349.00 594.01 110915. 0.97 114844. 3820. 9.68 0.0240 398. 60. 0.03

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	603.09	78810.	2.84	27741.	7504.	8.28	0.0230	2114. 27. 0.26
MILE 420.49	601.79	83662.	2.96	28302.	3961.	6.80	0.0230	482. 23. 0.19
MILE 416.28	600.97	86306.	3.16	27280.	3628.	7.03	0.0270	481. 22. 0.20
MILE 412.08	599.75	88767.	2.82	31433.	2898.	7.25	0.0270	482. 23. 0.15
MILE 407.88	598.58	91342.	2.87	31840.	3014.	7.45	0.0270	482. 22. 0.16
MILE 403.67	597.74	92904.	2.98	31151.	2107.	7.58	0.0240	481. 24. 0.14
MILE 399.47	596.97	96820.	2.29	42233.	8049.	7.32	0.0220	482. 33. 0.18
MILE 395.26	596.36	99138.	2.72	36431.	11241.	9.54	0.0220	481. 38. 0.27
MILE 391.06	595.70	102960.	2.32	44401.	2529.	7.54	0.0220	440. 29. 0.10
MILE 386.85	595.28	104693.	1.83	57281.	5092.	5.70	0.0210	398. 36. 0.10
MILE 382.64	594.94	106264.	1.43	74448.	9262.	5.90	0.0210	397. 32. 0.09
MILE 378.44	594.68	108736.	1.79	60911.	11986.	5.40	0.0210	397. 38. 0.14
MILE 374.23	594.52	110748.	1.10	100682.	13703.	6.37	0.0210	398. 36. 0.07
MILE 370.03	594.41	111533.	1.01	110543.	7990.	6.88	0.0210	398. 44. 0.05
MILE 365.82	594.25	110859.	0.89	124567.	7617.	6.77	0.0210	397. 41. 0.04
MILE 361.62	594.19	108183.	0.95	113424.	12446.	7.76	0.0210	398. 49. 0.06
MILE 357.41	594.15	105360.	0.77	136107.	23604.	7.79	0.0210	397. 58. 0.06
MILE 353.21	594.13	99530.	0.91	109777.	6623.	9.18	0.0230	398. 57. 0.04
MILE 349.00	594.07	98034.	0.85	115073.	3822.	9.70	0.0240	398. 60. 0.03

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TIME 13.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	603.02	79070.	2.86	27659.	7451.	8.26	0.0230	2091. 27. 0.26
MILE 420.49	601.70	83485.	2.96	28166.	3928.	6.78	0.0230	482. 23. 0.20
MILE 416.28	600.88	85816.	3.16	27148.	3599.	7.01	0.0270	481. 22. 0.20
MILE 412.08	599.66	88029.	2.81	31287.	2881.	7.23	0.0270	482. 23. 0.15
MILE 407.88	598.49	90386.	2.85	31700.	2982.	7.44	0.0270	482. 22. 0.15
MILE 403.67	597.66	91857.	2.96	31008.	2085.	7.57	0.0240	481. 24. 0.14
MILE 399.47	596.90	95544.	2.28	41960.	7958.	7.33	0.0220	482. 33. 0.17
MILE 395.26	596.30	97773.	2.69	36322.	11172.	9.53	0.0220	481. 38. 0.26
MILE 391.06	595.65	101441.	2.29	44271.	2527.	7.53	0.0220	440. 29. 0.10
MILE 386.85	595.24	103098.	1.81	57113.	5090.	5.69	0.0210	398. 36. 0.09
MILE 382.64	594.91	104510.	1.41	74285.	9249.	5.89	0.0210	397. 32. 0.09
MILE 378.44	594.66	106278.	1.75	60808.	11976.	5.40	0.0210	397. 38. 0.14
MILE 374.23	594.51	105386.	1.05	100677.	13703.	6.37	0.0210	398. 36. 0.07

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MILE 370.03	594.43	103376.	0.93	110636.	7995.	6.88	0.0210	398.	44.	0.04
MILE 365.82	594.29	102038.	0.82	124830.	7626.	6.78	0.0210	397.	41.	0.04
MILE 361.62	594.23	99477.	0.88	113657.	12473.	7.77	0.0210	398.	49.	0.05
MILE 357.41	594.19	98289.	0.72	136367.	23650.	7.79	0.0210	397.	58.	0.05
MILE 353.21	594.15	98060.	0.89	109869.	6631.	9.19	0.0230	398.	57.	0.04
MILE 349.00	594.06	98444.	0.86	115035.	3822.	9.70	0.0240	398.	60.	0.03

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.96	79334.	2.88	27591.	7407.	8.25	0.0230	2068.	27.	0.26
MILE 420.49	601.63	83380.	2.97	28049.	3900.	6.76	0.0230	482.	23.	0.20
MILE 416.28	600.81	85446.	3.16	27033.	3573.	7.00	0.0270	481.	22.	0.20
MILE 412.08	599.58	87445.	2.81	31157.	2866.	7.21	0.0270	482.	23.	0.15
MILE 407.88	598.41	89598.	2.84	31572.	2954.	7.42	0.0270	482.	22.	0.15
MILE 403.67	597.59	90977.	2.95	30877.	2065.	7.56	0.0240	481.	24.	0.13
MILE 399.47	596.83	94407.	2.26	41704.	7872.	7.34	0.0220	482.	33.	0.17
MILE 395.26	596.24	96508.	2.66	36220.	11107.	9.53	0.0220	481.	38.	0.26
MILE 391.06	595.61	99813.	2.26	44158.	2525.	7.53	0.0220	440.	29.	0.10
MILE 386.85	595.21	101122.	1.77	56986.	5088.	5.68	0.0210	398.	36.	0.09
MILE 382.64	594.89	101902.	1.37	74207.	9242.	5.88	0.0210	397.	32.	0.09
MILE 378.44	594.66	102222.	1.68	60829.	11978.	5.40	0.0210	397.	38.	0.13
MILE 374.23	594.53	100235.	0.99	100778.	13713.	6.38	0.0210	398.	36.	0.06
MILE 370.03	594.44	98412.	0.89	110752.	8003.	6.89	0.0210	398.	44.	0.04
MILE 365.82	594.31	98524.	0.79	124969.	7630.	6.78	0.0210	397.	41.	0.03
MILE 361.62	594.24	99128.	0.87	113723.	12480.	7.77	0.0210	398.	49.	0.05
MILE 357.41	594.20	99030.	0.73	136435.	23662.	7.79	0.0210	397.	58.	0.05
MILE 353.21	594.17	98302.	0.89	109936.	6636.	9.19	0.0230	398.	57.	0.04
MILE 349.00	594.09	98197.	0.85	115149.	3822.	9.70	0.0240	398.	60.	0.03

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.91	79428.	2.89	27527.	7366.	8.24	0.0230	2045.	27.	0.26
MILE 420.49	601.56	83229.	2.98	27945.	3874.	6.75	0.0230	482.	23.	0.20
MILE 416.28	600.74	85130.	3.16	26932.	3551.	6.99	0.0270	481.	22.	0.20
MILE 412.08	599.51	86967.	2.80	31042.	2853.	7.20	0.0270	482.	23.	0.15
MILE 407.88	598.34	88941.	2.83	31457.	2928.	7.40	0.0270	482.	22.	0.15
MILE 403.67	597.52	90225.	2.93	30757.	2047.	7.55	0.0240	481.	24.	0.13
MILE 399.47	596.77	93314.	2.25	41471.	7793.	7.35	0.0220	482.	33.	0.17
MILE 395.26	596.19	95146.	2.63	36131.	11051.	9.53	0.0220	481.	38.	0.26

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Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

MILE 391.06	595.58	97694.	2.22	44082.	2524.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.20	98664.	1.73	56929.	5088.	5.68	0.0210	398.	36.	0.09
MILE 382.64	594.89	99193.	1.34	74209.	9242.	5.88	0.0210	397.	32.	0.08
MILE 378.44	594.67	99506.	1.63	60872.	11982.	5.40	0.0210	397.	38.	0.13
MILE 374.23	594.54	99787.	0.99	100810.	13717.	6.38	0.0210	398.	36.	0.06
MILE 370.03	594.45	99757.	0.90	110769.	8004.	6.89	0.0210	398.	44.	0.04
MILE 365.82	594.31	99541.	0.80	125006.	7631.	6.78	0.0210	397.	41.	0.03
MILE 361.62	594.25	98466.	0.87	113771.	12486.	7.78	0.0210	398.	49.	0.05
MILE 357.41	594.21	97272.	0.71	136522.	23678.	7.79	0.0210	397.	58.	0.05
MILE 353.21	594.19	94987.	0.86	110010.	6642.	9.19	0.0230	398.	57.	0.04
MILE 349.00	594.12	94401.	0.82	115263.	3823.	9.71	0.0240	398.	60.	0.03

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.26	92295.	3.30	27929.	7625.	8.31	0.0230	2022.	27.	0.30
MILE 420.49	601.68	90501.	3.22	28129.	3919.	6.77	0.0230	482.	23.	0.21
MILE 416.28	600.75	87840.	3.26	26945.	3554.	6.99	0.0270	481.	22.	0.21
MILE 412.08	599.46	87379.	2.82	30967.	2844.	7.19	0.0270	482.	23.	0.15
MILE 407.88	598.28	88470.	2.82	31359.	2906.	7.39	0.0270	482.	22.	0.15
MILE 403.67	597.47	89530.	2.92	30652.	2031.	7.55	0.0240	481.	24.	0.13
MILE 399.47	596.72	92093.	2.23	41272.	7726.	7.36	0.0220	482.	33.	0.17
MILE 395.26	596.15	93615.	2.60	36060.	11006.	9.53	0.0220	481.	38.	0.25
MILE 391.06	595.56	95735.	2.17	44026.	2523.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.19	96755.	1.70	56884.	5087.	5.67	0.0210	398.	36.	0.09
MILE 382.64	594.89	97620.	1.32	74186.	9240.	5.88	0.0210	397.	32.	0.08
MILE 378.44	594.67	98676.	1.62	60861.	11981.	5.40	0.0210	397.	38.	0.13
MILE 374.23	594.54	98647.	0.98	100830.	13719.	6.38	0.0210	398.	36.	0.06
MILE 370.03	594.46	98195.	0.89	110818.	8007.	6.89	0.0210	398.	44.	0.04
MILE 365.82	594.33	97740.	0.78	125114.	7635.	6.78	0.0210	397.	41.	0.03
MILE 361.62	594.27	96375.	0.85	113872.	12497.	7.78	0.0210	398.	49.	0.05
MILE 357.41	594.23	95059.	0.70	136659.	23702.	7.80	0.0210	397.	58.	0.05
MILE 353.21	594.21	92400.	0.84	110091.	6648.	9.20	0.0230	398.	57.	0.04
MILE 349.00	594.14	91889.	0.80	115339.	3824.	9.71	0.0240	398.	60.	0.03

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.45	94847.	3.37	28151.	7768.	8.35	0.0230	2000.	27.	0.31
MILE 420.49	601.81	93067.	3.28	28337.	3970.	6.80	0.0230	482.	23.	0.22
MILE 416.28	600.86	90840.	3.35	27107.	3590.	7.01	0.0270	481.	22.	0.21

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MILE 412.08	599.51	89884.	2.90	31045.	2853.	7.20	0.0270	482.	23.	0.15
MILE 407.88	598.28	89568.	2.86	31357.	2905.	7.39	0.0270	482.	22.	0.15
MILE 403.67	597.44	89977.	2.94	30607.	2024.	7.54	0.0240	481.	24.	0.13
MILE 399.47	596.68	91314.	2.22	41129.	7677.	7.37	0.0220	482.	33.	0.17
MILE 395.26	596.12	92474.	2.57	36000.	10969.	9.53	0.0220	481.	38.	0.25
MILE 391.06	595.54	94513.	2.15	43965.	2522.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.17	95477.	1.68	56819.	5087.	5.67	0.0210	398.	36.	0.09
MILE 382.64	594.88	96198.	1.30	74148.	9237.	5.88	0.0210	397.	32.	0.08
MILE 378.44	594.67	96848.	1.59	60870.	11982.	5.40	0.0210	397.	38.	0.12
MILE 374.23	594.55	96324.	0.95	100878.	13724.	6.38	0.0210	398.	36.	0.06
MILE 370.03	594.47	95343.	0.86	110893.	8011.	6.89	0.0210	398.	44.	0.04
MILE 365.82	594.35	94886.	0.76	125242.	7639.	6.79	0.0210	397.	41.	0.03
MILE 361.62	594.29	93853.	0.82	113976.	12509.	7.79	0.0210	398.	49.	0.05
MILE 357.41	594.26	92700.	0.68	136797.	23726.	7.80	0.0210	397.	58.	0.05
MILE 353.21	594.23	90108.	0.82	110186.	6656.	9.20	0.0230	398.	57.	0.04
MILE 349.00	594.17	89580.	0.78	115453.	3825.	9.72	0.0240	398.	60.	0.02

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.54	94651.	3.35	28258.	7838.	8.36	0.0230	1978.	28.	0.31
MILE 420.49	601.91	93915.	3.29	28503.	4010.	6.83	0.0230	482.	23.	0.22
MILE 416.28	600.95	92474.	3.39	27253.	3622.	7.03	0.0270	481.	22.	0.22
MILE 412.08	599.58	91611.	2.94	31156.	2866.	7.21	0.0270	482.	23.	0.16
MILE 407.88	598.31	91084.	2.90	31411.	2918.	7.40	0.0270	482.	22.	0.16
MILE 403.67	597.45	91310.	2.98	30623.	2026.	7.54	0.0240	481.	24.	0.14
MILE 399.47	596.67	91829.	2.24	41082.	7662.	7.37	0.0220	482.	33.	0.17
MILE 395.26	596.10	92549.	2.57	35962.	10944.	9.53	0.0220	481.	38.	0.25
MILE 391.06	595.52	93609.	2.13	43928.	2521.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.17	94243.	1.66	56784.	5086.	5.67	0.0210	398.	36.	0.09
MILE 382.64	594.88	94711.	1.28	74139.	9237.	5.88	0.0210	397.	32.	0.08
MILE 378.44	594.67	94965.	1.56	60897.	11985.	5.40	0.0210	397.	38.	0.12
MILE 374.23	594.56	94238.	0.93	100935.	13730.	6.38	0.0210	398.	36.	0.06
MILE 370.03	594.48	93187.	0.84	110969.	8016.	6.90	0.0210	398.	44.	0.04
MILE 365.82	594.36	92607.	0.74	125371.	7643.	6.79	0.0210	397.	41.	0.03
MILE 361.62	594.31	91396.	0.80	114083.	12521.	7.79	0.0210	398.	49.	0.05
MILE 357.41	594.27	90841.	0.66	136919.	23748.	7.80	0.0210	397.	58.	0.05
MILE 353.21	594.25	90690.	0.82	110236.	6660.	9.20	0.0230	398.	57.	0.04
MILE 349.00	594.17	90936.	0.79	115453.	3825.	9.72	0.0240	398.	60.	0.03

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Appendix K		Checked	WBB

TIME	19.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH	FROUDE										
MILE	424.70	603.60	94385.	3.33	28329.	7883.	8.38	0.0230	1958.	28.	0.31
MILE	420.49	601.99	94354.	3.30	28625.	4039.	6.84	0.0230	482.	23.	0.22
MILE	416.28	601.03	93379.	3.41	27364.	3647.	7.04	0.0270	481.	22.	0.22
MILE	412.08	599.64	92750.	2.97	31252.	2877.	7.22	0.0270	482.	23.	0.16
MILE	407.88	598.35	92324.	2.93	31473.	2931.	7.41	0.0270	482.	22.	0.16
MILE	403.67	597.47	92522.	3.02	30659.	2032.	7.55	0.0240	481.	24.	0.14
MILE	399.47	596.67	92639.	2.25	41092.	7665.	7.37	0.0220	482.	33.	0.17
MILE	395.26	596.10	92989.	2.59	35955.	10940.	9.53	0.0220	481.	38.	0.25
MILE	391.06	595.52	93262.	2.12	43927.	2521.	7.52	0.0220	440.	29.	0.09
MILE	386.85	595.17	93540.	1.65	56792.	5086.	5.67	0.0210	398.	36.	0.09
MILE	382.64	594.88	93733.	1.26	74164.	9239.	5.88	0.0210	397.	32.	0.08
MILE	378.44	594.68	93569.	1.54	60945.	11989.	5.40	0.0210	397.	38.	0.12
MILE	374.23	594.57	92576.	0.92	101008.	13737.	6.39	0.0210	398.	36.	0.06
MILE	370.03	594.49	91805.	0.83	111040.	8020.	6.90	0.0210	398.	44.	0.04
MILE	365.82	594.37	91934.	0.73	125446.	7646.	6.79	0.0210	397.	41.	0.03
MILE	361.62	594.32	92236.	0.81	114120.	12525.	7.79	0.0210	398.	49.	0.05
MILE	357.41	594.28	92532.	0.68	136946.	23753.	7.80	0.0210	397.	58.	0.05
MILE	353.21	594.25	93101.	0.84	110248.	6661.	9.20	0.0230	398.	57.	0.04
MILE	349.00	594.17	93474.	0.81	115453.	3825.	9.72	0.0240	398.	60.	0.03

ODATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME	20.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH	FROUDE										
MILE	424.70	603.64	94065.	3.31	28378.	7914.	8.38	0.0230	1938.	28.	0.31
MILE	420.49	602.05	94548.	3.29	28714.	4061.	6.85	0.0230	482.	23.	0.22
MILE	416.28	601.08	93942.	3.42	27448.	3666.	7.05	0.0270	481.	22.	0.22
MILE	412.08	599.69	93543.	2.99	31331.	2886.	7.23	0.0270	482.	23.	0.16
MILE	407.88	598.39	93235.	2.96	31530.	2944.	7.41	0.0270	482.	22.	0.16
MILE	403.67	597.49	93413.	3.04	30700.	2038.	7.55	0.0240	481.	24.	0.14
MILE	399.47	596.68	93225.	2.27	41137.	7680.	7.37	0.0220	482.	33.	0.17
MILE	395.26	596.10	93367.	2.60	35968.	10948.	9.53	0.0220	481.	38.	0.25
MILE	391.06	595.53	93207.	2.12	43949.	2522.	7.52	0.0220	440.	29.	0.09
MILE	386.85	595.18	93282.	1.64	56831.	5087.	5.67	0.0210	398.	36.	0.09
MILE	382.64	594.89	93304.	1.26	74219.	9243.	5.89	0.0210	397.	32.	0.08
MILE	378.44	594.69	93002.	1.52	61003.	11995.	5.40	0.0210	397.	38.	0.12
MILE	374.23	594.57	92993.	0.92	101050.	13742.	6.39	0.0210	398.	36.	0.06
MILE	370.03	594.50	93081.	0.84	111062.	8022.	6.90	0.0210	398.	44.	0.04
MILE	365.82	594.38	93392.	0.74	125447.	7646.	6.79	0.0210	397.	41.	0.03
MILE	361.62	594.32	93693.	0.82	114114.	12525.	7.79	0.0210	398.	49.	0.05
MILE	357.41	594.28	93765.	0.68	136943.	23753.	7.80	0.0210	397.	58.	0.05
MILE	353.21	594.25	93455.	0.85	110260.	6662.	9.21	0.0230	398.	57.	0.04
MILE	349.00	594.18	93520.	0.81	115491.	3825.	9.72	0.0240	398.	60.	0.03

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Appendix K		Checked	WBB

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	603.67	93814.	3.30	28412.	7937.	8.39	0.0230	1921. 28. 0.31
MILE 420.49	602.09	94648.	3.29	28780.	4077.	6.86	0.0230	482. 23. 0.22
MILE 416.28	601.12	94301.	3.43	27512.	3680.	7.06	0.0270	481. 22. 0.22
MILE 412.08	599.73	94070.	3.00	31395.	2894.	7.24	0.0270	482. 23. 0.16
MILE 407.88	598.42	93863.	2.97	31582.	2956.	7.42	0.0270	482. 22. 0.16
MILE 403.67	597.52	94038.	3.06	30744.	2045.	7.55	0.0240	481. 24. 0.14
MILE 399.47	596.70	93683.	2.27	41203.	7703.	7.36	0.0220	482. 33. 0.17
MILE 395.26	596.12	93701.	2.60	35992.	10964.	9.53	0.0220	481. 38. 0.25
MILE 391.06	595.54	93324.	2.12	43983.	2522.	7.52	0.0220	440. 29. 0.09
MILE 386.85	595.19	93407.	1.64	56878.	5087.	5.67	0.0210	398. 36. 0.09
MILE 382.64	594.90	93572.	1.26	74266.	9247.	5.89	0.0210	397. 32. 0.08
MILE 378.44	594.70	93623.	1.53	61032.	11998.	5.40	0.0210	397. 38. 0.12
MILE 374.23	594.58	93832.	0.93	101070.	13744.	6.39	0.0210	398. 36. 0.06
MILE 370.03	594.50	94001.	0.85	111079.	8023.	6.90	0.0210	398. 44. 0.04
MILE 365.82	594.38	94084.	0.75	125468.	7647.	6.79	0.0210	397. 41. 0.03
MILE 361.62	594.32	93893.	0.82	114133.	12527.	7.79	0.0210	398. 49. 0.05
MILE 357.41	594.28	94075.	0.69	136960.	23755.	7.80	0.0210	397. 58. 0.05
MILE 353.21	594.25	94638.	0.86	110255.	6662.	9.20	0.0230	398. 57. 0.04
MILE 349.00	594.17	95097.	0.82	115454.	3825.	9.72	0.0240	398. 60. 0.03

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 22.0000 DEPTH FROUDE	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW
MILE 424.70	603.70	93643.	3.29	28439.	7954.	8.39	0.0230	1903. 28. 0.31
MILE 420.49	602.12	94708.	3.28	28831.	4089.	6.87	0.0230	482. 23. 0.22
MILE 416.28	601.16	94533.	3.43	27561.	3691.	7.07	0.0270	481. 22. 0.22
MILE 412.08	599.76	94422.	3.00	31447.	2900.	7.25	0.0270	482. 23. 0.16
MILE 407.88	598.45	94295.	2.98	31628.	2966.	7.43	0.0270	482. 22. 0.16
MILE 403.67	597.54	94480.	3.07	30787.	2051.	7.56	0.0240	481. 24. 0.14
MILE 399.47	596.72	94072.	2.28	41277.	7728.	7.36	0.0220	482. 33. 0.17
MILE 395.26	596.13	94082.	2.61	36021.	10982.	9.53	0.0220	481. 38. 0.25
MILE 391.06	595.55	93787.	2.13	44014.	2523.	7.52	0.0220	440. 29. 0.09
MILE 386.85	595.20	93895.	1.65	56913.	5088.	5.67	0.0210	398. 36. 0.09
MILE 382.64	594.91	94070.	1.27	74296.	9249.	5.89	0.0210	397. 32. 0.08
MILE 378.44	594.70	94070.	1.54	61059.	12001.	5.40	0.0210	397. 38. 0.12
MILE 374.23	594.58	93925.	0.93	101101.	13747.	6.39	0.0210	398. 36. 0.06
MILE 370.03	594.50	93964.	0.85	111105.	8024.	6.90	0.0210	398. 45. 0.04
MILE 365.82	594.38	94368.	0.75	125481.	7647.	6.79	0.0210	397. 41. 0.03

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MILE 361.62	594.32	94906.	0.83	114133.	12527.	7.79	0.0210	398.	49.	0.05
MILE 357.41	594.28	94880.	0.69	136969.	23757.	7.80	0.0210	397.	58.	0.05
MILE 353.21	594.26	93696.	0.85	110285.	6664.	9.21	0.0230	398.	57.	0.04
MILE 349.00	594.19	93586.	0.81	115529.	3825.	9.72	0.0240	398.	60.	0.03

0DATE 5-15-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.71	93451.	3.28	28457.	7965.	8.40	0.0230	1886.	28.	0.31
MILE 420.49	602.15	94700.	3.28	28869.	4099.	6.88	0.0230	482.	23.	0.22
MILE 416.28	601.18	94670.	3.43	27600.	3699.	7.07	0.0270	481.	22.	0.22
MILE 412.08	599.79	94660.	3.01	31491.	2905.	7.26	0.0270	482.	23.	0.16
MILE 407.88	598.47	94610.	2.99	31669.	2975.	7.43	0.0270	482.	22.	0.16
MILE 403.67	597.56	94823.	3.08	30828.	2058.	7.56	0.0240	481.	24.	0.14
MILE 399.47	596.74	94488.	2.29	41350.	7753.	7.36	0.0220	482.	33.	0.17
MILE 395.26	596.15	94540.	2.62	36048.	10999.	9.53	0.0220	481.	38.	0.26
MILE 391.06	595.57	94264.	2.14	44043.	2523.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.20	94343.	1.66	56949.	5088.	5.68	0.0210	398.	36.	0.09
MILE 382.64	594.91	94453.	1.27	74332.	9252.	5.89	0.0210	397.	32.	0.08
MILE 378.44	594.71	94372.	1.54	61088.	12004.	5.40	0.0210	397.	38.	0.12
MILE 374.23	594.59	94601.	0.94	101120.	13749.	6.39	0.0210	398.	36.	0.06
MILE 370.03	594.51	94556.	0.85	111125.	8026.	6.90	0.0210	398.	45.	0.04
MILE 365.82	594.39	94342.	0.75	125525.	7648.	6.79	0.0210	397.	41.	0.03
MILE 361.62	594.33	93469.	0.82	114186.	12533.	7.79	0.0210	398.	49.	0.05
MILE 357.41	594.30	92651.	0.68	137053.	23772.	7.80	0.0210	397.	58.	0.05
MILE 353.21	594.27	90848.	0.82	110345.	6669.	9.21	0.0230	398.	57.	0.04
MILE 349.00	594.21	90601.	0.78	115606.	3826.	9.73	0.0240	398.	60.	0.03

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TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.66	91031.	3.21	28393.	7924.	8.39	0.0230	1868.	28.	0.30
MILE 420.49	602.13	93373.	3.24	28852.	4094.	6.87	0.0230	482.	23.	0.21
MILE 416.28	601.19	94241.	3.41	27614.	3702.	7.07	0.0270	481.	22.	0.22
MILE 412.08	599.81	94684.	3.00	31522.	2908.	7.26	0.0270	482.	23.	0.16
MILE 407.88	598.49	94834.	2.99	31704.	2983.	7.44	0.0270	482.	22.	0.16
MILE 403.67	597.58	95101.	3.08	30864.	2063.	7.56	0.0240	481.	24.	0.14
MILE 399.47	596.75	94847.	2.29	41417.	7775.	7.35	0.0220	482.	33.	0.17
MILE 395.26	596.16	94917.	2.63	36074.	11015.	9.53	0.0220	481.	38.	0.26
MILE 391.06	595.58	94643.	2.15	44073.	2524.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.21	94755.	1.66	56986.	5088.	5.68	0.0210	398.	36.	0.09

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MILE 382.64	594.92	94920.	1.28	74366.	9255.	5.89	0.0210	397.	32.	0.08
MILE 378.44	594.71	94809.	1.55	61121.	12007.	5.40	0.0210	397.	38.	0.12
MILE 374.23	594.59	94039.	0.93	101177.	13755.	6.39	0.0210	398.	36.	0.06
MILE 370.03	594.52	93124.	0.84	111200.	8030.	6.91	0.0210	398.	45.	0.04
MILE 365.82	594.40	92674.	0.74	125641.	7652.	6.80	0.0210	397.	41.	0.03
MILE 361.62	594.35	91619.	0.80	114283.	12544.	7.80	0.0210	398.	49.	0.05
MILE 357.41	594.32	90622.	0.66	137178.	23794.	7.80	0.0210	397.	58.	0.05
MILE 353.21	594.29	88607.	0.80	110422.	6675.	9.21	0.0230	398.	57.	0.03
MILE 349.00	594.23	88364.	0.76	115682.	3827.	9.73	0.0240	398.	60.	0.02

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TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.45	84444.	3.00	28148.	7767.	8.35	0.0230	1851.	27.	0.28
MILE 420.49	602.04	89376.	3.11	28700.	4058.	6.85	0.0230	482.	23.	0.21
MILE 416.28	601.15	92346.	3.35	27552.	3689.	7.07	0.0270	481.	22.	0.22
MILE 412.08	599.80	93926.	2.98	31511.	2907.	7.26	0.0270	482.	23.	0.16
MILE 407.88	598.50	94678.	2.99	31718.	2986.	7.44	0.0270	482.	22.	0.16
MILE 403.67	597.60	95111.	3.08	30887.	2067.	7.56	0.0240	481.	24.	0.14
MILE 399.47	596.77	95061.	2.29	41474.	7794.	7.35	0.0220	482.	33.	0.18
MILE 395.26	596.18	95209.	2.64	36098.	11031.	9.53	0.0220	481.	38.	0.26
MILE 391.06	595.59	95015.	2.15	44102.	2524.	7.52	0.0220	440.	29.	0.09
MILE 386.85	595.22	95059.	1.67	57026.	5089.	5.68	0.0210	398.	36.	0.09
MILE 382.64	594.93	95027.	1.28	74420.	9260.	5.89	0.0210	397.	32.	0.08
MILE 378.44	594.73	94449.	1.54	61195.	12014.	5.40	0.0210	397.	38.	0.12
MILE 374.23	594.61	93269.	0.92	101273.	13765.	6.40	0.0210	398.	36.	0.06
MILE 370.03	594.54	91882.	0.83	111304.	8037.	6.91	0.0210	398.	45.	0.04
MILE 365.82	594.42	91289.	0.73	125781.	7657.	6.80	0.0210	397.	41.	0.03
MILE 361.62	594.37	90152.	0.79	114389.	12556.	7.80	0.0210	398.	49.	0.05
MILE 357.41	594.34	89184.	0.65	137308.	23817.	7.81	0.0210	397.	58.	0.05
MILE 353.21	594.31	87457.	0.79	110501.	6681.	9.22	0.0230	398.	57.	0.03
MILE 349.00	594.25	87260.	0.75	115758.	3827.	9.73	0.0240	398.	60.	0.02

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.36	84473.	3.01	28047.	7702.	8.33	0.0230	1834.	27.	0.28
MILE 420.49	601.96	88629.	3.10	28568.	4026.	6.83	0.0230	482.	23.	0.21
MILE 416.28	601.07	90755.	3.31	27431.	3662.	7.05	0.0270	481.	22.	0.21
MILE 412.08	599.75	92344.	2.94	31427.	2897.	7.25	0.0270	482.	23.	0.16
MILE 407.88	598.48	93700.	2.96	31682.	2978.	7.43	0.0270	482.	22.	0.16

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MILE 403.67	597.59	94425.	3.06	30879.	2065.	7.56	0.0240	481.	24.	0.14
MILE 399.47	596.78	94926.	2.29	41505.	7805.	7.35	0.0220	482.	33.	0.17
MILE 395.26	596.19	95233.	2.64	36119.	11044.	9.53	0.0220	481.	38.	0.26
MILE 391.06	595.60	95049.	2.15	44137.	2525.	7.53	0.0220	440.	29.	0.09
MILE 386.85	595.24	95055.	1.67	57087.	5090.	5.69	0.0210	398.	36.	0.09
MILE 382.64	594.95	94950.	1.27	74503.	9266.	5.90	0.0210	397.	32.	0.08
MILE 378.44	594.74	94191.	1.54	61292.	12024.	5.41	0.0210	397.	38.	0.12
MILE 374.23	594.63	92817.	0.92	101389.	13777.	6.40	0.0210	398.	36.	0.06
MILE 370.03	594.55	91384.	0.82	111420.	8044.	6.91	0.0210	398.	45.	0.04
MILE 365.82	594.44	90785.	0.72	125923.	7662.	6.81	0.0210	397.	41.	0.03
MILE 361.62	594.39	89501.	0.78	114497.	12568.	7.81	0.0210	398.	49.	0.05
MILE 357.41	594.36	87893.	0.64	137457.	23844.	7.81	0.0210	397.	58.	0.05
MILE 353.21	594.34	84435.	0.76	110615.	6691.	9.22	0.0230	398.	57.	0.03
MILE 349.00	594.29	83709.	0.72	115910.	3828.	9.74	0.0240	398.	60.	0.02

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TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	603.30	84463.	3.02	27976.	7656.	8.32	0.0230	1819.	27.	0.28
MILE 420.49	601.89	88097.	3.10	28459.	3999.	6.82	0.0230	482.	23.	0.20
MILE 416.28	601.01	89904.	3.29	27335.	3641.	7.04	0.0270	481.	22.	0.21
MILE 412.08	599.70	91385.	2.92	31345.	2888.	7.24	0.0270	482.	23.	0.16
MILE 407.88	598.45	92677.	2.93	31628.	2966.	7.43	0.0270	482.	22.	0.16
MILE 403.67	597.57	93418.	3.03	30847.	2060.	7.56	0.0240	481.	24.	0.14
MILE 399.47	596.77	94200.	2.27	41494.	7801.	7.35	0.0220	482.	33.	0.17
MILE 395.26	596.19	94656.	2.62	36132.	11052.	9.53	0.0220	481.	38.	0.26
MILE 391.06	595.61	94773.	2.15	44168.	2525.	7.53	0.0220	440.	29.	0.09
MILE 386.85	595.25	94852.	1.66	57151.	5090.	5.69	0.0210	398.	36.	0.09
MILE 382.64	594.96	94775.	1.27	74596.	9274.	5.90	0.0210	397.	32.	0.08
MILE 378.44	594.76	94053.	1.53	61399.	12035.	5.41	0.0210	397.	38.	0.12
MILE 374.23	594.65	92681.	0.91	101514.	13789.	6.41	0.0210	398.	36.	0.06
MILE 370.03	594.58	90872.	0.81	111556.	8052.	6.92	0.0210	398.	45.	0.04
MILE 365.82	594.47	89716.	0.71	126117.	7668.	6.81	0.0210	397.	41.	0.03
MILE 361.62	594.42	87409.	0.76	114659.	12587.	7.81	0.0210	398.	49.	0.04
MILE 357.41	594.39	85681.	0.62	137654.	23879.	7.81	0.0210	397.	58.	0.05
MILE 353.21	594.37	83115.	0.75	110721.	6699.	9.23	0.0230	398.	57.	0.03
MILE 349.00	594.31	82712.	0.71	115986.	3829.	9.75	0.0240	398.	60.	0.02

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TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	602.92	73847.	2.68	27544.	7377.	8.24	0.0230	1804.	27.	0.24
MILE 420.49	601.69	81484.	2.90	28143.	3922.	6.77	0.0230	482.	23.	0.19
MILE 416.28	600.90	86829.	3.20	27173.	3605.	7.02	0.0270	481.	22.	0.21
MILE 412.08	599.64	89956.	2.88	31249.	2877.	7.22	0.0270	482.	23.	0.15
MILE 407.88	598.41	91726.	2.91	31573.	2954.	7.42	0.0270	482.	22.	0.16
MILE 403.67	597.55	92536.	3.00	30811.	2055.	7.56	0.0240	481.	24.	0.14
MILE 399.47	596.77	93381.	2.25	41468.	7793.	7.35	0.0220	482.	33.	0.17
MILE 395.26	596.20	93910.	2.60	36135.	11054.	9.53	0.0220	481.	38.	0.25
MILE 391.06	595.62	94220.	2.13	44191.	2526.	7.53	0.0220	440.	29.	0.09
MILE 386.85	595.26	94401.	1.65	57205.	5091.	5.69	0.0210	398.	36.	0.09
MILE 382.64	594.98	94385.	1.26	74685.	9281.	5.91	0.0210	397.	32.	0.08
MILE 378.44	594.78	93619.	1.52	61519.	12047.	5.41	0.0210	397.	38.	0.12
MILE 374.23	594.67	91517.	0.90	101677.	13806.	6.41	0.0210	398.	36.	0.06
MILE 370.03	594.60	89348.	0.80	111727.	8063.	6.93	0.0210	398.	45.	0.04
MILE 365.82	594.50	88514.	0.70	126322.	7675.	6.82	0.0210	397.	41.	0.03
MILE 361.62	594.45	87082.	0.76	114802.	12603.	7.82	0.0210	398.	49.	0.04
MILE 357.41	594.42	85611.	0.62	137827.	23909.	7.81	0.0210	397.	58.	0.05
MILE 353.21	594.40	82771.	0.75	110832.	6708.	9.23	0.0230	398.	57.	0.03
MILE 349.00	594.34	82275.	0.71	116100.	3830.	9.75	0.0240	398.	60.	0.02

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.65	70563.	2.59	27223.	7170.	8.19	0.0230	1792.	27.	0.23
MILE 420.49	601.47	78258.	2.82	27799.	3839.	6.73	0.0230	482.	22.	0.18
MILE 416.28	600.72	83263.	3.10	26892.	3542.	6.98	0.0270	481.	22.	0.20
MILE 412.08	599.51	86777.	2.80	31042.	2853.	7.20	0.0270	482.	23.	0.15
MILE 407.88	598.34	89591.	2.85	31454.	2927.	7.40	0.0270	482.	22.	0.15
MILE 403.67	597.52	90851.	2.96	30741.	2044.	7.55	0.0240	481.	24.	0.13
MILE 399.47	596.76	92401.	2.23	41421.	7776.	7.35	0.0220	482.	33.	0.17
MILE 395.26	596.19	93148.	2.58	36133.	11053.	9.53	0.0220	481.	38.	0.25
MILE 391.06	595.63	93555.	2.12	44211.	2526.	7.53	0.0220	440.	29.	0.09
MILE 386.85	595.28	93698.	1.64	57263.	5092.	5.70	0.0210	398.	36.	0.09
MILE 382.64	595.00	93583.	1.25	74788.	9290.	5.91	0.0210	397.	32.	0.08
MILE 378.44	594.81	92704.	1.50	61654.	12060.	5.41	0.0210	397.	38.	0.12
MILE 374.23	594.70	91178.	0.90	101827.	13822.	6.42	0.0210	398.	36.	0.06
MILE 370.03	594.63	89376.	0.80	111875.	8072.	6.93	0.0210	398.	45.	0.04
MILE 365.82	594.52	88459.	0.70	126504.	7681.	6.82	0.0210	397.	41.	0.03
MILE 361.62	594.48	86717.	0.75	114940.	12619.	7.83	0.0210	398.	49.	0.04
MILE 357.41	594.44	85371.	0.62	137992.	23939.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.42	83349.	0.75	110926.	6716.	9.24	0.0230	398.	58.	0.03
MILE 349.00	594.36	83050.	0.71	116176.	3830.	9.76	0.0240	398.	60.	0.02

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TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.48	70796.	2.62	27032.	7046.	8.15	0.0230	1779.	26.	0.24
MILE 420.49	601.29	77160.	2.80	27512.	3769.	6.68	0.0230	482.	22.	0.18
MILE 416.28	600.54	81032.	3.04	26627.	3483.	6.95	0.0270	481.	21.	0.19
MILE 412.08	599.36	84189.	2.73	30810.	2826.	7.17	0.0270	482.	23.	0.15
MILE 407.88	598.24	87056.	2.78	31292.	2891.	7.38	0.0270	482.	22.	0.15
MILE 403.67	597.45	88434.	2.89	30628.	2027.	7.55	0.0240	481.	24.	0.13
MILE 399.47	596.73	90615.	2.19	41309.	7739.	7.36	0.0220	482.	33.	0.17
MILE 395.26	596.19	91650.	2.54	36120.	11044.	9.53	0.0220	481.	38.	0.25
MILE 391.06	595.63	92518.	2.09	44226.	2526.	7.53	0.0220	440.	29.	0.09
MILE 386.85	595.29	92830.	1.62	57319.	5092.	5.70	0.0210	398.	36.	0.09
MILE 382.64	595.02	92888.	1.24	74885.	9306.	5.92	0.0210	397.	32.	0.08
MILE 378.44	594.83	92282.	1.49	61771.	12072.	5.41	0.0210	397.	38.	0.12
MILE 374.23	594.72	90722.	0.89	101971.	13837.	6.42	0.0210	398.	36.	0.06
MILE 370.03	594.65	89154.	0.80	112017.	8081.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.55	88555.	0.70	126667.	7686.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.50	87401.	0.76	115055.	12632.	7.83	0.0210	398.	49.	0.04
MILE 357.41	594.46	86314.	0.62	138129.	23963.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.44	84357.	0.76	111010.	6722.	9.24	0.0230	398.	58.	0.03
MILE 349.00	594.38	84080.	0.72	116252.	3831.	9.76	0.0240	398.	60.	0.02

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TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.35	70936.	2.64	26883.	6950.	8.13	0.0230	1769.	26.	0.24
MILE 420.49	601.14	76366.	2.80	27277.	3711.	6.65	0.0230	482.	22.	0.18
MILE 416.28	600.40	79608.	3.01	26413.	3435.	6.92	0.0270	481.	21.	0.19
MILE 412.08	599.24	82363.	2.69	30607.	2803.	7.14	0.0270	482.	23.	0.14
MILE 407.88	598.14	84913.	2.73	31136.	2855.	7.36	0.0270	482.	22.	0.15
MILE 403.67	597.38	86215.	2.83	30505.	2008.	7.54	0.0240	481.	24.	0.13
MILE 399.47	596.69	88498.	2.15	41160.	7688.	7.37	0.0220	482.	33.	0.16
MILE 395.26	596.17	89725.	2.49	36087.	11024.	9.53	0.0220	481.	38.	0.24
MILE 391.06	595.63	91135.	2.06	44217.	2526.	7.53	0.0220	440.	29.	0.09
MILE 386.85	595.30	91664.	1.60	57346.	5093.	5.70	0.0210	398.	36.	0.08
MILE 382.64	595.03	91880.	1.23	74959.	9318.	5.92	0.0210	397.	32.	0.08
MILE 378.44	594.85	91589.	1.48	61876.	12082.	5.41	0.0210	397.	38.	0.12
MILE 374.23	594.74	90641.	0.89	102090.	13849.	6.43	0.0210	398.	36.	0.06
MILE 370.03	594.67	89471.	0.80	112133.	8088.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.57	88974.	0.70	126803.	7690.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.52	87972.	0.76	115153.	12643.	7.83	0.0210	398.	49.	0.04
MILE 357.41	594.48	87286.	0.63	138240.	23982.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.46	86299.	0.78	111069.	6727.	9.24	0.0230	398.	58.	0.03

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MILE 349.00 594.39 86270. 0.74 116290. 3831. 9.76 0.0240 398. 60. 0.02

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TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 602.25 71094. 2.66 26762. 6871. 8.10 0.0230 1758. 26. 0.24
MILE 420.49 601.02 75814. 2.80 27085. 3665. 6.62 0.0230 482. 22. 0.18
MILE 416.28 600.28 78550. 2.99 26236. 3395. 6.90 0.0270 481. 21. 0.19
MILE 412.08 599.13 80925. 2.66 30434. 2783. 7.12 0.0270 482. 23. 0.14
MILE 407.88 598.05 83181. 2.68 30998. 2824. 7.35 0.0270 482. 22. 0.14
MILE 403.67 597.32 84405. 2.78 30391. 1990. 7.53 0.0240 481. 24. 0.13
MILE 399.47 596.65 86674. 2.11 41002. 7634. 7.37 0.0220 482. 33. 0.16
MILE 395.26 596.14 87956. 2.44 36043. 10996. 9.53 0.0220 481. 38. 0.24
MILE 391.06 595.62 89551. 2.03 44193. 2526. 7.53 0.0220 440. 29. 0.09
MILE 386.85 595.30 90244. 1.57 57350. 5093. 5.70 0.0210 398. 36. 0.08
MILE 382.64 595.04 90678. 1.21 75002. 9325. 5.92 0.0210 397. 32. 0.08
MILE 378.44 594.86 90828. 1.47 61946. 12089. 5.41 0.0210 397. 38. 0.11
MILE 374.23 594.75 90244. 0.88 102180. 13858. 6.43 0.0210 398. 36. 0.06
MILE 370.03 594.68 89632. 0.80 112221. 8094. 6.95 0.0210 398. 45. 0.04
MILE 365.82 594.58 89578. 0.71 126895. 7693. 6.83 0.0210 397. 41. 0.03
MILE 361.62 594.53 89512. 0.78 115208. 12649. 7.84 0.0210 398. 49. 0.05
MILE 357.41 594.49 90300. 0.65 138269. 23988. 7.82 0.0210 397. 58. 0.05
MILE 353.21 594.45 92833. 0.84 111044. 6725. 9.24 0.0230 398. 58. 0.04
MILE 349.00 594.36 93903. 0.81 116176. 3830. 9.76 0.0240 398. 60. 0.03

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70 602.10 69247. 2.60 26588. 6759. 8.07 0.0230 1748. 26. 0.23
MILE 420.49 600.89 74206. 2.76 26882. 3615. 6.59 0.0230 482. 22. 0.18
MILE 416.28 600.17 77232. 2.96 26072. 3359. 6.87 0.0270 481. 21. 0.19
MILE 412.08 599.03 79653. 2.63 30283. 2765. 7.10 0.0270 482. 22. 0.14
MILE 407.88 597.98 81774. 2.65 30876. 2797. 7.33 0.0270 482. 22. 0.14
MILE 403.67 597.26 82937. 2.74 30286. 1974. 7.52 0.0240 481. 24. 0.12
MILE 399.47 596.60 85115. 2.08 40845. 7581. 7.38 0.0220 482. 33. 0.16
MILE 395.26 596.12 86404. 2.40 35994. 10965. 9.53 0.0220 481. 38. 0.23
MILE 391.06 595.61 88109. 2.00 44159. 2525. 7.53 0.0220 440. 29. 0.08
MILE 386.85 595.29 88868. 1.55 57334. 5092. 5.70 0.0210 398. 36. 0.08
MILE 382.64 595.05 89410. 1.19 75018. 9327. 5.92 0.0210 397. 32. 0.07
MILE 378.44 594.87 89891. 1.45 61983. 12092. 5.41 0.0210 397. 38. 0.11
MILE 374.23 594.76 90191. 0.88 102216. 13862. 6.43 0.0210 398. 36. 0.06

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MILE 370.03	594.69	90998.	0.81	112231.	8094.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.57	92204.	0.73	126846.	7692.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.51	94292.	0.82	115136.	12641.	7.83	0.0210	398.	49.	0.05
MILE 357.41	594.47	95666.	0.69	138173.	23971.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.44	97108.	0.87	111007.	6722.	9.24	0.0230	398.	58.	0.04
MILE 349.00	594.36	97662.	0.84	116176.	3830.	9.76	0.0240	398.	60.	0.03

ODATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.83	64275.	2.45	26281.	6560.	8.02	0.0230	1737.	26.	0.22
MILE 420.49	600.70	70615.	2.66	26590.	3544.	6.55	0.0230	482.	22.	0.17
MILE 416.28	600.03	74858.	2.89	25866.	3312.	6.85	0.0270	481.	21.	0.18
MILE 412.08	598.93	77922.	2.59	30117.	2746.	7.07	0.0270	482.	22.	0.14
MILE 407.88	597.90	80311.	2.61	30753.	2769.	7.31	0.0270	482.	22.	0.14
MILE 403.67	597.20	81530.	2.70	30183.	1958.	7.52	0.0240	481.	24.	0.12
MILE 399.47	596.56	83742.	2.06	40693.	7529.	7.39	0.0220	482.	32.	0.16
MILE 395.26	596.09	85053.	2.37	35945.	10934.	9.53	0.0220	481.	38.	0.23
MILE 391.06	595.59	86799.	1.97	44118.	2524.	7.53	0.0220	440.	29.	0.08
MILE 386.85	595.29	87659.	1.53	57299.	5092.	5.70	0.0210	398.	36.	0.08
MILE 382.64	595.04	88434.	1.18	74995.	9324.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.86	89673.	1.45	61951.	12089.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.75	91905.	0.90	102145.	13855.	6.43	0.0210	398.	36.	0.06
MILE 370.03	594.67	93959.	0.84	112146.	8089.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.56	94876.	0.75	126741.	7688.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.50	95525.	0.83	115080.	12635.	7.83	0.0210	398.	49.	0.05
MILE 357.41	594.47	95119.	0.69	138157.	23968.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.45	92463.	0.83	111052.	6726.	9.24	0.0230	398.	58.	0.04
MILE 349.00	594.40	91750.	0.79	116328.	3832.	9.77	0.0240	398.	60.	0.03

ODATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.68	64374.	2.47	26111.	6449.	7.99	0.0230	1729.	26.	0.22
MILE 420.49	600.55	69761.	2.65	26346.	3484.	6.52	0.0230	482.	22.	0.17
MILE 416.28	599.88	73006.	2.85	25643.	3260.	6.81	0.0270	481.	21.	0.18
MILE 412.08	598.80	75733.	2.53	29910.	2722.	7.05	0.0270	482.	22.	0.13
MILE 407.88	597.81	78348.	2.56	30601.	2735.	7.29	0.0270	482.	22.	0.13
MILE 403.67	597.14	79718.	2.65	30064.	1940.	7.51	0.0240	481.	24.	0.12
MILE 399.47	596.52	82260.	2.03	40530.	7473.	7.40	0.0220	482.	32.	0.15
MILE 395.26	596.06	83729.	2.33	35892.	10900.	9.53	0.0220	481.	38.	0.23

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MILE 391.06	595.57	85810.	1.95	44061.	2523.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.27	86936.	1.52	57224.	5091.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.02	88095.	1.18	74905.	9309.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.84	89955.	1.45	61852.	12080.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.74	91503.	0.90	102063.	13846.	6.43	0.0210	398.	36.	0.06
MILE 370.03	594.67	92302.	0.82	112111.	8087.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.56	92029.	0.73	126788.	7690.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.52	90572.	0.79	115169.	12645.	7.84	0.0210	398.	49.	0.05
MILE 357.41	594.49	89337.	0.65	138300.	23993.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.47	86764.	0.78	111135.	6732.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.42	86320.	0.74	116405.	3832.	9.77	0.0240	398.	60.	0.02

ODATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.58	64616.	2.49	25987.	6369.	7.97	0.0230	1720.	26.	0.22
MILE 420.49	600.42	69229.	2.65	26145.	3435.	6.49	0.0230	482.	21.	0.17
MILE 416.28	599.75	71909.	2.82	25466.	3218.	6.79	0.0270	481.	21.	0.18
MILE 412.08	598.69	74295.	2.50	29727.	2701.	7.02	0.0270	482.	22.	0.13
MILE 407.88	597.71	76620.	2.52	30453.	2701.	7.27	0.0270	482.	21.	0.13
MILE 403.67	597.07	77923.	2.60	29936.	1920.	7.50	0.0240	481.	24.	0.12
MILE 399.47	596.47	80623.	2.00	40336.	7406.	7.41	0.0220	482.	32.	0.15
MILE 395.26	596.02	82328.	2.30	35825.	10857.	9.53	0.0220	481.	38.	0.22
MILE 391.06	595.54	85016.	1.93	43978.	2522.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.24	86240.	1.51	57117.	5090.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.00	87244.	1.17	74805.	9293.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.83	88369.	1.43	61799.	12074.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.74	87844.	0.86	102075.	13847.	6.43	0.0210	398.	36.	0.06
MILE 370.03	594.68	86889.	0.77	112173.	8091.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.58	86564.	0.68	126924.	7694.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.54	86040.	0.75	115277.	12657.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.51	86236.	0.62	138410.	24013.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.48	87293.	0.79	111167.	6735.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.41	87957.	0.76	116367.	3832.	9.77	0.0240	398.	60.	0.02

ODATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 13.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.63	68824.	2.64	26048.	6408.	7.98	0.0230	1714.	26.	0.23
MILE 420.49	600.38	71280.	2.73	26082.	3419.	6.48	0.0230	482.	21.	0.17
MILE 416.28	599.68	72184.	2.85	25358.	3193.	6.77	0.0270	481.	20.	0.18

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MILE 412.08	598.60	73526.	2.49	29584.	2684.	7.00	0.0270	482.	22.	0.13
MILE 407.88	597.63	75361.	2.49	30322.	2671.	7.26	0.0270	482.	21.	0.13
MILE 403.67	597.00	76569.	2.57	29814.	1901.	7.49	0.0240	481.	24.	0.11
MILE 399.47	596.41	79292.	1.98	40132.	7336.	7.42	0.0220	482.	32.	0.15
MILE 395.26	595.98	81041.	2.27	35747.	10807.	9.52	0.0220	481.	37.	0.22
MILE 391.06	595.51	83577.	1.90	43899.	2521.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.23	84610.	1.48	57037.	5089.	5.68	0.0210	398.	36.	0.08
MILE 382.64	595.00	85236.	1.14	74766.	9288.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.84	85586.	1.38	61818.	12076.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.75	85040.	0.83	102122.	13852.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.68	84733.	0.76	112212.	8093.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.59	85312.	0.67	126951.	7695.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.54	86474.	0.75	115272.	12656.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.50	87424.	0.63	138389.	24009.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.48	89064.	0.80	111158.	6734.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.41	89716.	0.77	116367.	3832.	9.77	0.0240	398.	60.	0.02

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TIME 14.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.66	70314.	2.70	26084.	6431.	7.99	0.0230	1708.	26.	0.24
MILE 420.49	600.37	72197.	2.77	26063.	3414.	6.47	0.0230	482.	21.	0.18
MILE 416.28	599.66	72829.	2.88	25326.	3185.	6.76	0.0270	481.	20.	0.18
MILE 412.08	598.55	73784.	2.50	29515.	2676.	6.99	0.0270	482.	22.	0.13
MILE 407.88	597.58	75011.	2.48	30237.	2652.	7.25	0.0270	482.	21.	0.13
MILE 403.67	596.94	75964.	2.56	29719.	1886.	7.49	0.0240	481.	24.	0.11
MILE 399.47	596.36	78159.	1.96	39943.	7270.	7.43	0.0220	482.	32.	0.15
MILE 395.26	595.94	79604.	2.23	35675.	10762.	9.52	0.0220	481.	37.	0.22
MILE 391.06	595.49	81631.	1.86	43840.	2520.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.21	82541.	1.45	56993.	5089.	5.68	0.0210	398.	36.	0.08
MILE 382.64	595.00	83220.	1.11	74754.	9287.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.84	84056.	1.36	61818.	12076.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.74	85182.	0.83	102102.	13850.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.68	86302.	0.77	112176.	8091.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.58	86953.	0.69	126902.	7694.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.54	87041.	0.76	115253.	12654.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.51	84737.	0.61	138456.	24021.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.52	77148.	0.69	111315.	6747.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.51	74916.	0.64	116747.	3835.	9.79	0.0240	398.	60.	0.02

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.98	79761.	3.02	26453.	6671.	8.05	0.0230	1704.	26.	0.27
MILE 420.49	600.50	77893.	2.96	26273.	3466.	6.51	0.0230	482.	21.	0.19
MILE 416.28	599.70	75494.	2.97	25392.	3201.	6.77	0.0270	481.	21.	0.19
MILE 412.08	598.54	74699.	2.53	29501.	2675.	6.99	0.0270	482.	22.	0.13
MILE 407.88	597.55	75105.	2.49	30188.	2641.	7.24	0.0270	482.	21.	0.13
MILE 403.67	596.91	75803.	2.56	29656.	1876.	7.48	0.0240	481.	24.	0.11
MILE 399.47	596.33	77353.	1.94	39810.	7224.	7.44	0.0220	482.	32.	0.15
MILE 395.26	595.91	78485.	2.20	35620.	10727.	9.52	0.0220	481.	37.	0.21
MILE 391.06	595.47	80168.	1.83	43788.	2519.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.20	81144.	1.43	56934.	5088.	5.68	0.0210	398.	36.	0.08
MILE 382.64	594.98	82118.	1.10	74697.	9282.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.83	83615.	1.35	61763.	12071.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.74	84603.	0.83	102068.	13847.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.68	83781.	0.75	112217.	8093.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.61	81773.	0.64	127114.	7701.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.58	78096.	0.68	115473.	12679.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.53	81020.	0.58	138572.	24041.	7.83	0.0210	397.	58.	0.04
MILE 353.21	594.46	94549.	0.85	111100.	6730.	9.25	0.0230	398.	58.	0.04
MILE 349.00	594.31	99204.	0.86	115987.	3829.	9.75	0.0240	398.	60.	0.03

0DATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.36	87537.	3.26	26891.	6955.	8.13	0.0230	1700.	26.	0.29
MILE 420.49	600.72	83406.	3.13	26624.	3552.	6.56	0.0230	482.	22.	0.20
MILE 416.28	599.86	79466.	3.10	25611.	3252.	6.81	0.0270	481.	21.	0.19
MILE 412.08	598.62	77427.	2.61	29623.	2689.	7.01	0.0270	482.	22.	0.14
MILE 407.88	597.57	76513.	2.53	30226.	2650.	7.24	0.0270	482.	21.	0.13
MILE 403.67	596.91	76688.	2.59	29651.	1875.	7.48	0.0240	481.	24.	0.11
MILE 399.47	596.31	77266.	1.94	39736.	7198.	7.45	0.0220	482.	32.	0.15
MILE 395.26	595.89	78068.	2.19	35580.	10701.	9.52	0.0220	481.	37.	0.21
MILE 391.06	595.45	79593.	1.82	43736.	2518.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.18	80448.	1.41	56866.	5087.	5.67	0.0210	398.	36.	0.07
MILE 382.64	594.97	81094.	1.09	74644.	9278.	5.90	0.0210	397.	32.	0.07
MILE 378.44	594.83	81224.	1.31	61785.	12073.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.76	78527.	0.77	102187.	13859.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.69	79630.	0.71	112252.	8096.	6.95	0.0210	398.	45.	0.03
MILE 365.82	594.57	84584.	0.67	126869.	7693.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.51	94204.	0.82	115107.	12638.	7.83	0.0210	398.	49.	0.05
MILE 357.41	594.48	95629.	0.69	138217.	23978.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.49	87547.	0.79	111197.	6737.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.49	84684.	0.73	116670.	3834.	9.78	0.0240	398.	60.	0.02

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TIME 17.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH FROUDE										
MILE 424.70	602.54	87595.	3.23	27095.	7087.	8.16	0.0230	1690.	27.	0.29
MILE 420.49	600.91	84897.	3.15	26913.	3623.	6.60	0.0230	482.	22.	0.20
MILE 416.28	600.03	82178.	3.18	25862.	3311.	6.85	0.0270	481.	21.	0.20
MILE 412.08	598.75	80334.	2.69	29827.	2713.	7.03	0.0270	482.	22.	0.14
MILE 407.88	597.64	78901.	2.60	30342.	2676.	7.26	0.0270	482.	21.	0.14
MILE 403.67	596.94	78757.	2.65	29713.	1885.	7.49	0.0240	481.	24.	0.12
MILE 399.47	596.31	78446.	1.97	39752.	7204.	7.45	0.0220	482.	32.	0.15
MILE 395.26	595.88	78764.	2.21	35563.	10690.	9.52	0.0220	481.	37.	0.21
MILE 391.06	595.45	79061.	1.81	43727.	2518.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.19	79175.	1.39	56876.	5087.	5.67	0.0210	398.	36.	0.07
MILE 382.64	594.98	79240.	1.06	74684.	9281.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.82	80271.	1.30	61751.	12070.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.71	87825.	0.86	101913.	13831.	6.42	0.0210	398.	36.	0.06
MILE 370.03	594.65	91150.	0.81	111990.	8079.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.56	88731.	0.70	126792.	7690.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.54	81137.	0.70	115271.	12656.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.52	77929.	0.56	138478.	24025.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.50	77652.	0.70	111241.	6741.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.45	77702.	0.67	116519.	3833.	9.78	0.0240	398.	60.	0.02

ODATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 18.0000	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
DEPTH FROUDE										
MILE 424.70	602.66	87504.	3.21	27234.	7177.	8.19	0.0230	1679.	27.	0.29
MILE 420.49	601.05	85780.	3.16	27139.	3678.	6.63	0.0230	482.	22.	0.21
MILE 416.28	600.17	83728.	3.21	26065.	3357.	6.87	0.0270	481.	21.	0.20
MILE 412.08	598.86	82225.	2.74	30009.	2734.	7.06	0.0270	482.	22.	0.15
MILE 407.88	597.72	81002.	2.66	30469.	2705.	7.28	0.0270	482.	21.	0.14
MILE 403.67	596.99	80849.	2.71	29803.	1899.	7.49	0.0240	481.	24.	0.12
MILE 399.47	596.34	79979.	2.01	39847.	7237.	7.44	0.0220	482.	32.	0.15
MILE 395.26	595.89	79705.	2.24	35587.	10706.	9.52	0.0220	481.	37.	0.22
MILE 391.06	595.45	79218.	1.81	43741.	2518.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.18	80131.	1.41	56841.	5087.	5.67	0.0210	398.	36.	0.07
MILE 382.64	594.95	81801.	1.10	74536.	9269.	5.90	0.0210	397.	32.	0.07
MILE 378.44	594.80	83987.	1.36	61584.	12053.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.72	79681.	0.78	101995.	13839.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.68	77026.	0.69	112181.	8091.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.60	77688.	0.61	127039.	7698.	6.84	0.0210	397.	41.	0.03

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MILE 361.62	594.56	79834.	0.69	115381.	12669.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.53	81707.	0.59	138535.	24035.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.49	85033.	0.76	111204.	6738.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.40	86747.	0.75	116329.	3832.	9.77	0.0240	398.	60.	0.02

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TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.75	87297.	3.19	27337.	7244.	8.21	0.0230	1669.	27.	0.29
MILE 420.49	601.16	86308.	3.16	27314.	3720.	6.66	0.0230	482.	22.	0.21
MILE 416.28	600.27	84777.	3.23	26225.	3393.	6.89	0.0270	481.	21.	0.20
MILE 412.08	598.96	83600.	2.77	30161.	2751.	7.08	0.0270	482.	22.	0.15
MILE 407.88	597.80	82540.	2.70	30585.	2731.	7.29	0.0270	482.	22.	0.14
MILE 403.67	597.04	82375.	2.76	29898.	1914.	7.50	0.0240	481.	24.	0.12
MILE 399.47	596.37	81359.	2.04	39975.	7282.	7.43	0.0220	482.	32.	0.15
MILE 395.26	595.91	81431.	2.29	35616.	10724.	9.52	0.0220	481.	37.	0.22
MILE 391.06	595.45	81811.	1.87	43727.	2518.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.17	81492.	1.43	56808.	5086.	5.67	0.0210	398.	36.	0.08
MILE 382.64	594.96	80531.	1.08	74580.	9273.	5.90	0.0210	397.	32.	0.07
MILE 378.44	594.82	78322.	1.27	61736.	12068.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.74	78697.	0.77	102061.	13846.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.68	78935.	0.70	112172.	8091.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.58	80273.	0.63	126930.	7695.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.53	83387.	0.72	115235.	12652.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.49	86579.	0.63	138310.	23995.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.46	92005.	0.83	111097.	6729.	9.25	0.0230	398.	58.	0.04
MILE 349.00	594.39	93298.	0.80	116291.	3831.	9.76	0.0240	398.	60.	0.03

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TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.82	87182.	3.18	27420.	7297.	8.22	0.0230	1659.	27.	0.29
MILE 420.49	601.25	86695.	3.16	27451.	3754.	6.68	0.0230	482.	22.	0.21
MILE 416.28	600.36	85519.	3.25	26353.	3422.	6.91	0.0270	481.	21.	0.21
MILE 412.08	599.04	84599.	2.79	30290.	2766.	7.10	0.0270	482.	22.	0.15
MILE 407.88	597.86	83786.	2.73	30690.	2755.	7.31	0.0270	482.	22.	0.14
MILE 403.67	597.09	83771.	2.79	29985.	1928.	7.50	0.0240	481.	24.	0.12
MILE 399.47	596.40	83185.	2.07	40091.	7322.	7.43	0.0220	482.	32.	0.16
MILE 395.26	595.93	82852.	2.32	35656.	10750.	9.52	0.0220	481.	37.	0.22
MILE 391.06	595.48	81145.	1.85	43815.	2519.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.20	80908.	1.42	56948.	5088.	5.68	0.0210	398.	36.	0.07

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MILE 382.64	594.98	81038.	1.08	74692.	9282.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.82	81277.	1.32	61742.	12069.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.73	82883.	0.81	101999.	13840.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.66	85613.	0.76	112043.	8083.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.55	87130.	0.69	126708.	7687.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.50	88763.	0.77	115073.	12634.	7.83	0.0210	398.	49.	0.05
MILE 357.41	594.46	90194.	0.65	138136.	23964.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.44	92719.	0.84	110990.	6721.	9.24	0.0230	398.	58.	0.04
MILE 349.00	594.36	93827.	0.81	116176.	3830.	9.76	0.0240	398.	60.	0.03

ODATE 5-16-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.87	87011.	3.17	27483.	7338.	8.23	0.0230	1649.	27.	0.29
MILE 420.49	601.32	86935.	3.15	27562.	3781.	6.69	0.0230	482.	22.	0.21
MILE 416.28	600.43	86087.	3.25	26458.	3445.	6.92	0.0270	481.	21.	0.21
MILE 412.08	599.11	85438.	2.81	30397.	2779.	7.11	0.0270	482.	23.	0.15
MILE 407.88	597.92	84822.	2.76	30779.	2775.	7.32	0.0270	482.	22.	0.15
MILE 403.67	597.14	84768.	2.82	30064.	1940.	7.51	0.0240	481.	24.	0.13
MILE 399.47	596.44	83553.	2.08	40225.	7368.	7.42	0.0220	482.	32.	0.16
MILE 395.26	595.96	83113.	2.33	35714.	10787.	9.52	0.0220	481.	37.	0.23
MILE 391.06	595.50	82403.	1.88	43861.	2520.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.21	82459.	1.45	56979.	5088.	5.68	0.0210	398.	36.	0.08
MILE 382.64	594.98	82933.	1.11	74684.	9281.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.81	84111.	1.36	61681.	12063.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.71	86271.	0.85	101904.	13830.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.64	88402.	0.79	111953.	8077.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.54	89602.	0.71	126590.	7683.	6.82	0.0210	397.	41.	0.03
MILE 361.62	594.48	91058.	0.79	114984.	12624.	7.83	0.0210	398.	49.	0.05
MILE 357.41	594.45	91568.	0.66	138040.	23947.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.43	90057.	0.81	110975.	6719.	9.24	0.0230	398.	58.	0.04
MILE 349.00	594.38	89712.	0.77	116252.	3831.	9.76	0.0240	398.	60.	0.02

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TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.91	86805.	3.15	27531.	7369.	8.24	0.0230	1639.	27.	0.29
MILE 420.49	601.37	87081.	3.15	27649.	3802.	6.70	0.0230	482.	22.	0.21
MILE 416.28	600.48	86493.	3.26	26542.	3464.	6.94	0.0270	481.	21.	0.21
MILE 412.08	599.16	85993.	2.82	30487.	2789.	7.12	0.0270	482.	23.	0.15
MILE 407.88	597.97	85434.	2.77	30860.	2793.	7.33	0.0270	482.	22.	0.15

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MILE 424.70	602.62	75275.	2.77	27189.	7148.	8.18	0.0230	1619.	27.	0.25
MILE 420.49	601.30	80656.	2.93	27530.	3773.	6.69	0.0230	482.	22.	0.19
MILE 416.28	600.51	84340.	3.17	26577.	3472.	6.94	0.0270	481.	21.	0.20
MILE 412.08	599.23	86042.	2.81	30603.	2802.	7.14	0.0270	482.	23.	0.15
MILE 407.88	598.05	86454.	2.79	30987.	2822.	7.34	0.0270	482.	22.	0.15
MILE 403.67	597.25	86720.	2.87	30264.	1971.	7.52	0.0240	481.	24.	0.13
MILE 399.47	596.53	86401.	2.13	40557.	7482.	7.40	0.0220	482.	32.	0.16
MILE 395.26	596.02	86470.	2.41	35821.	10855.	9.53	0.0220	481.	38.	0.23
MILE 391.06	595.52	86219.	1.96	43927.	2521.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.22	86200.	1.51	56998.	5089.	5.68	0.0210	398.	36.	0.08
MILE 382.64	594.97	86091.	1.15	74647.	9278.	5.90	0.0210	397.	32.	0.07
MILE 378.44	594.81	85402.	1.39	61651.	12060.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.71	84426.	0.83	101916.	13831.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.65	83363.	0.74	112016.	8081.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.56	83121.	0.66	126757.	7689.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.52	82636.	0.72	115156.	12643.	7.83	0.0210	398.	49.	0.04
MILE 357.41	594.49	81863.	0.59	138295.	23992.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.48	79980.	0.72	111143.	6733.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.43	79683.	0.68	116443.	3833.	9.77	0.0240	398.	60.	0.02

ODATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 1.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.38	71658.	2.66	26917.	6972.	8.13	0.0230	1611.	26.	0.24
MILE 420.49	601.14	77501.	2.84	27281.	3712.	6.65	0.0230	482.	22.	0.18
MILE 416.28	600.38	81214.	3.08	26390.	3430.	6.92	0.0270	481.	21.	0.20
MILE 412.08	599.17	83613.	2.74	30497.	2790.	7.12	0.0270	482.	23.	0.15
MILE 407.88	598.03	85347.	2.76	30954.	2814.	7.34	0.0270	482.	22.	0.15
MILE 403.67	597.25	86151.	2.85	30267.	1971.	7.52	0.0240	481.	24.	0.13
MILE 399.47	596.54	86616.	2.13	40613.	7502.	7.40	0.0220	482.	32.	0.16
MILE 395.26	596.04	86840.	2.42	35849.	10872.	9.53	0.0220	481.	38.	0.24
MILE 391.06	595.54	86375.	1.96	43970.	2522.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.23	86301.	1.51	57066.	5089.	5.68	0.0210	398.	36.	0.08
MILE 382.64	594.99	86183.	1.15	74730.	9285.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.82	85509.	1.39	61733.	12068.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.73	84543.	0.83	102007.	13840.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.67	83338.	0.74	112111.	8087.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.58	82588.	0.65	126891.	7693.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.54	80958.	0.70	115267.	12656.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.51	79808.	0.58	138428.	24016.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.49	78321.	0.70	111210.	6738.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.44	78255.	0.67	116481.	3833.	9.77	0.0240	398.	60.	0.02

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TIME 2.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.25	71614.	2.68	26769.	6876.	8.11	0.0230	1603.	26.	0.24
MILE 420.49	601.01	76471.	2.82	27071.	3661.	6.62	0.0230	482.	22.	0.18
MILE 416.28	600.26	79331.	3.03	26201.	3387.	6.89	0.0270	481.	21.	0.19
MILE 412.08	599.07	81589.	2.69	30345.	2773.	7.10	0.0270	482.	22.	0.14
MILE 407.88	597.97	83555.	2.71	30862.	2794.	7.33	0.0270	482.	22.	0.14
MILE 403.67	597.22	84525.	2.80	30216.	1963.	7.52	0.0240	481.	24.	0.13
MILE 399.47	596.54	85605.	2.11	40598.	7496.	7.40	0.0220	482.	32.	0.16
MILE 395.26	596.05	86127.	2.40	35867.	10884.	9.53	0.0220	481.	38.	0.23
MILE 391.06	595.55	86279.	1.96	44006.	2522.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.25	86366.	1.51	57131.	5090.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.01	86320.	1.15	74818.	9295.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.84	85614.	1.38	61837.	12078.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.75	83985.	0.82	102137.	13854.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.69	82402.	0.73	112241.	8095.	6.95	0.0210	398.	45.	0.03
MILE 365.82	594.60	81918.	0.64	127038.	7698.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.56	81170.	0.70	115361.	12667.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.52	80816.	0.58	138521.	24032.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.50	80542.	0.72	111248.	6741.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.44	80826.	0.69	116481.	3833.	9.77	0.0240	398.	60.	0.02

0DATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 3.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.16	71577.	2.69	26656.	6803.	8.09	0.0230	1595.	26.	0.24
MILE 420.49	600.90	75762.	2.82	26899.	3619.	6.60	0.0230	482.	22.	0.18
MILE 416.28	600.16	78175.	3.00	26048.	3353.	6.87	0.0270	481.	21.	0.19
MILE 412.08	598.99	80180.	2.65	30208.	2757.	7.09	0.0270	482.	22.	0.14
MILE 407.88	597.91	81965.	2.66	30766.	2772.	7.32	0.0270	482.	22.	0.14
MILE 403.67	597.19	82908.	2.75	30149.	1953.	7.52	0.0240	481.	24.	0.12
MILE 399.47	596.52	84200.	2.08	40541.	7477.	7.40	0.0220	482.	32.	0.16
MILE 395.26	596.05	84961.	2.37	35864.	10882.	9.53	0.0220	481.	38.	0.23
MILE 391.06	595.56	85613.	1.94	44023.	2523.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.26	85857.	1.50	57183.	5091.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.02	85849.	1.15	74909.	9310.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.86	85206.	1.38	61951.	12089.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.77	84254.	0.82	102254.	13866.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.70	83393.	0.74	112339.	8101.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.61	83350.	0.66	127118.	7701.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.56	83273.	0.72	115402.	12671.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.53	83146.	0.60	138562.	24039.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.51	82652.	0.74	111279.	6744.	9.26	0.0230	398.	58.	0.03

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MILE 349.00 594.45 82789. 0.71 116519. 3833. 9.78 0.0240 398. 60. 0.02

ODATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 4.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.07	71441.	2.69	26561.	6741.	8.07	0.0230	1587.	26.	0.24
MILE 420.49	600.81	75177.	2.81	26757.	3585.	6.58	0.0230	482.	22.	0.18
MILE 416.28	600.07	77284.	2.98	25922.	3325.	6.85	0.0270	481.	21.	0.19
MILE 412.08	598.91	79062.	2.63	30091.	2743.	7.07	0.0270	482.	22.	0.14
MILE 407.88	597.86	80682.	2.63	30680.	2752.	7.30	0.0270	482.	22.	0.14
MILE 403.67	597.15	81598.	2.71	30084.	1943.	7.51	0.0240	481.	24.	0.12
MILE 399.47	596.50	82970.	2.05	40465.	7451.	7.40	0.0220	482.	32.	0.16
MILE 395.26	596.04	83781.	2.34	35849.	10873.	9.53	0.0220	481.	38.	0.23
MILE 391.06	595.56	84547.	1.92	44030.	2523.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.27	84949.	1.48	57220.	5091.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.04	85217.	1.14	74974.	9320.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.87	85254.	1.37	62019.	12096.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.78	85238.	0.83	102317.	13872.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.71	85172.	0.76	112391.	8104.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.62	85179.	0.67	127169.	7702.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.57	84782.	0.73	115441.	12676.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.54	84396.	0.61	138615.	24049.	7.83	0.0210	397.	58.	0.04
MILE 353.21	594.52	83444.	0.75	111315.	6747.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.46	83457.	0.72	116557.	3833.	9.78	0.0240	398.	60.	0.02

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TIME 5.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	602.00	71242.	2.69	26477.	6686.	8.05	0.0230	1581.	26.	0.24
MILE 420.49	600.73	74656.	2.80	26636.	3555.	6.56	0.0230	482.	22.	0.18
MILE 416.28	600.00	76537.	2.96	25814.	3301.	6.84	0.0270	481.	21.	0.19
MILE 412.08	598.85	78144.	2.61	29990.	2731.	7.06	0.0270	482.	22.	0.14
MILE 407.88	597.81	79630.	2.60	30602.	2735.	7.29	0.0270	482.	22.	0.14
MILE 403.67	597.11	80506.	2.68	30021.	1933.	7.51	0.0240	481.	24.	0.12
MILE 399.47	596.48	81844.	2.03	40385.	7423.	7.41	0.0220	482.	32.	0.15
MILE 395.26	596.03	82694.	2.31	35829.	10860.	9.53	0.0220	481.	38.	0.22
MILE 391.06	595.56	83702.	1.90	44021.	2523.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.27	84266.	1.47	57224.	5091.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.04	84756.	1.13	74991.	9323.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.88	85237.	1.37	62043.	12099.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.78	85360.	0.83	102352.	13876.	6.44	0.0210	398.	36.	0.05

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MILE 370.03	594.72	85333.	0.76	112434.	8107.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.63	85395.	0.67	127227.	7704.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.58	85248.	0.74	115487.	12681.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.55	85539.	0.62	138657.	24056.	7.83	0.0210	397.	58.	0.05
MILE 353.21	594.52	86279.	0.78	111320.	6747.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.45	86811.	0.75	116519.	3833.	9.78	0.0240	398.	60.	0.02

0DATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 6.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.81	67401.	2.57	26262.	6547.	8.02	0.0230	1575.	26.	0.23
MILE 420.49	600.61	72015.	2.72	26443.	3508.	6.53	0.0230	482.	22.	0.17
MILE 416.28	599.91	74974.	2.92	25693.	3272.	6.82	0.0270	481.	21.	0.18
MILE 412.08	598.79	77098.	2.58	29891.	2720.	7.04	0.0270	482.	22.	0.14
MILE 407.88	597.76	78693.	2.58	30530.	2719.	7.28	0.0270	482.	22.	0.14
MILE 403.67	597.08	79574.	2.66	29963.	1924.	7.50	0.0240	481.	24.	0.12
MILE 399.47	596.46	80938.	2.01	40304.	7395.	7.41	0.0220	482.	32.	0.15
MILE 395.26	596.01	81859.	2.29	35804.	10844.	9.53	0.0220	481.	38.	0.22
MILE 391.06	595.55	83050.	1.89	43999.	2522.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.26	83678.	1.46	57206.	5091.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.04	84188.	1.12	74988.	9323.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.88	84659.	1.36	62057.	12100.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.79	84846.	0.83	102376.	13878.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.72	85211.	0.76	112452.	8108.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.63	85868.	0.67	127229.	7704.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.58	86849.	0.75	115475.	12679.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.54	87381.	0.63	138645.	24054.	7.83	0.0210	397.	58.	0.05
MILE 353.21	594.52	87470.	0.79	111329.	6748.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.46	87708.	0.75	116557.	3833.	9.78	0.0240	398.	60.	0.02

0DATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 7.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.50	61118.	2.36	25899.	6311.	7.95	0.0230	1570.	25.	0.21
MILE 420.49	600.41	67553.	2.59	26127.	3430.	6.48	0.0230	482.	21.	0.17
MILE 416.28	599.77	72037.	2.83	25492.	3224.	6.79	0.0270	481.	21.	0.18
MILE 412.08	598.70	75115.	2.53	29742.	2703.	7.02	0.0270	482.	22.	0.13
MILE 407.88	597.70	77326.	2.54	30435.	2697.	7.27	0.0270	482.	21.	0.13
MILE 403.67	597.04	78409.	2.62	29893.	1913.	7.50	0.0240	481.	24.	0.12
MILE 399.47	596.44	80093.	1.99	40214.	7364.	7.42	0.0220	482.	32.	0.15
MILE 395.26	596.00	81123.	2.27	35776.	10826.	9.53	0.0220	481.	37.	0.22

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MILE 391.06	595.54	82345.	1.87	43975.	2522.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.26	82986.	1.45	57186.	5091.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.04	83541.	1.11	74979.	9321.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.88	84242.	1.36	62049.	12099.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.78	85274.	0.83	102354.	13876.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.72	86104.	0.77	112429.	8107.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.62	86471.	0.68	127214.	7704.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.58	86436.	0.75	115481.	12680.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.55	85872.	0.62	138686.	24061.	7.83	0.0210	397.	58.	0.05
MILE 353.21	594.54	83799.	0.75	111384.	6752.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.49	83367.	0.71	116671.	3834.	9.78	0.0240	398.	60.	0.02

0DATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 8.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.24	58465.	2.28	25603.	6118.	7.90	0.0230	1564.	25.	0.20
MILE 420.49	600.19	64862.	2.51	25795.	3349.	6.44	0.0230	482.	21.	0.16
MILE 416.28	599.59	69134.	2.74	25229.	3162.	6.75	0.0270	481.	20.	0.17
MILE 412.08	598.56	72394.	2.45	29522.	2677.	6.99	0.0270	482.	22.	0.13
MILE 407.88	597.61	75165.	2.48	30288.	2664.	7.25	0.0270	482.	21.	0.13
MILE 403.67	596.98	76515.	2.57	29787.	1897.	7.49	0.0240	481.	24.	0.11
MILE 399.47	596.40	78772.	1.96	40089.	7321.	7.43	0.0220	482.	32.	0.15
MILE 395.26	595.98	80033.	2.24	35741.	10804.	9.52	0.0220	481.	37.	0.22
MILE 391.06	595.53	81589.	1.86	43942.	2521.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.25	82400.	1.44	57150.	5090.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.03	83153.	1.11	74942.	9315.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.87	84120.	1.36	62017.	12096.	5.41	0.0210	397.	38.	0.11
MILE 374.23	594.78	84568.	0.83	102342.	13875.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.72	84521.	0.75	112448.	8108.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.63	84185.	0.66	127293.	7706.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.60	82959.	0.72	115571.	12690.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.57	81871.	0.59	138817.	24084.	7.83	0.0210	397.	58.	0.04
MILE 353.21	594.56	79678.	0.71	111463.	6759.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.51	79344.	0.68	116747.	3835.	9.79	0.0240	398.	60.	0.02

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TIME 9.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.08	58482.	2.30	25415.	5996.	7.87	0.0230	1558.	25.	0.20
MILE 420.49	600.02	63868.	2.50	25519.	3281.	6.39	0.0230	482.	21.	0.16
MILE 416.28	599.42	67245.	2.69	24985.	3104.	6.71	0.0270	481.	20.	0.17

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MILE 412.08	598.41	70118.	2.39	29291.	2650.	6.96	0.0270	482.	22.	0.13
MILE 407.88	597.50	72835.	2.42	30118.	2625.	7.23	0.0270	482.	21.	0.13
MILE 403.67	596.91	74240.	2.50	29653.	1876.	7.48	0.0240	481.	24.	0.11
MILE 399.47	596.36	76894.	1.93	39914.	7260.	7.44	0.0220	482.	32.	0.14
MILE 395.26	595.95	78461.	2.20	35688.	10770.	9.52	0.0220	481.	37.	0.21
MILE 391.06	595.51	80649.	1.84	43888.	2521.	7.52	0.0220	440.	29.	0.08
MILE 386.85	595.24	81592.	1.43	57093.	5090.	5.69	0.0210	398.	36.	0.08
MILE 382.64	595.02	82275.	1.10	74905.	9309.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.87	82812.	1.34	62020.	12096.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.79	82084.	0.80	102392.	13880.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.73	81027.	0.72	112527.	8113.	6.96	0.0210	398.	45.	0.03
MILE 365.82	594.65	80655.	0.63	127423.	7711.	6.85	0.0210	397.	41.	0.03
MILE 361.62	594.61	80228.	0.69	115664.	12701.	7.86	0.0210	398.	49.	0.04
MILE 357.41	594.58	81445.	0.59	138873.	24094.	7.83	0.0210	397.	58.	0.04
MILE 353.21	594.55	85669.	0.77	111421.	6755.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.46	87303.	0.75	116557.	3833.	9.78	0.0240	398.	60.	0.02

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TIME 10.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
 DEPTH FROUDE

MILE 424.70	600.95	58610.	2.32	25271.	5902.	7.84	0.0230	1552.	25.	0.20
MILE 420.49	599.87	63211.	2.50	25293.	3225.	6.36	0.0230	482.	21.	0.16
MILE 416.28	599.28	66018.	2.66	24789.	3058.	6.68	0.0270	481.	20.	0.16
MILE 412.08	598.29	68512.	2.36	29092.	2627.	6.93	0.0270	482.	22.	0.12
MILE 407.88	597.40	70929.	2.37	29958.	2589.	7.21	0.0270	482.	21.	0.12
MILE 403.67	596.83	72263.	2.45	29516.	1854.	7.48	0.0240	481.	24.	0.11
MILE 399.47	596.30	75001.	1.89	39708.	7189.	7.45	0.0220	482.	32.	0.14
MILE 395.26	595.91	76682.	2.15	35619.	10726.	9.52	0.0220	481.	37.	0.21
MILE 391.06	595.49	78999.	1.80	43827.	2520.	7.51	0.0220	440.	29.	0.08
MILE 386.85	595.23	79928.	1.40	57045.	5089.	5.68	0.0210	398.	36.	0.07
MILE 382.64	595.02	80474.	1.07	74900.	9308.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.88	80715.	1.30	62061.	12100.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.80	80303.	0.78	102448.	13886.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.74	80847.	0.72	112544.	8114.	6.96	0.0210	398.	45.	0.03
MILE 365.82	594.64	82496.	0.65	127352.	7708.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.59	85703.	0.74	115549.	12688.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.56	87765.	0.63	138716.	24067.	7.83	0.0210	397.	58.	0.05
MILE 353.21	594.53	90202.	0.81	111359.	6750.	9.26	0.0230	398.	58.	0.04
MILE 349.00	594.46	91023.	0.78	116557.	3833.	9.78	0.0240	398.	60.	0.02

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TIME 11.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	600.98	62280.	2.46	25303.	5923.	7.84	0.0230	1546.	25.	0.21
MILE 420.49	599.82	64923.	2.58	25203.	3203.	6.35	0.0230	482.	21.	0.16
MILE 416.28	599.19	66104.	2.68	24663.	3028.	6.66	0.0270	481.	20.	0.17
MILE 412.08	598.19	67590.	2.34	28934.	2609.	6.91	0.0270	482.	22.	0.12
MILE 407.88	597.32	69496.	2.33	29819.	2557.	7.19	0.0270	482.	21.	0.12
MILE 403.67	596.76	70701.	2.41	29389.	1834.	7.47	0.0240	481.	23.	0.11
MILE 399.47	596.25	73247.	1.85	39504.	7117.	7.46	0.0220	482.	32.	0.14
MILE 395.26	595.87	74813.	2.10	35548.	10680.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.46	76914.	1.76	43771.	2519.	7.51	0.0220	440.	29.	0.07
MILE 386.85	595.22	77864.	1.37	57005.	5089.	5.68	0.0210	398.	36.	0.07
MILE 382.64	595.02	78656.	1.05	74885.	9306.	5.92	0.0210	397.	32.	0.07
MILE 378.44	594.87	80025.	1.29	62030.	12097.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.78	83099.	0.81	102347.	13875.	6.44	0.0210	398.	36.	0.05
MILE 370.03	594.72	85819.	0.76	112417.	8106.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.62	86948.	0.68	127190.	7703.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.57	87948.	0.76	115448.	12676.	7.85	0.0210	398.	49.	0.04
MILE 357.41	594.54	88890.	0.64	138609.	24048.	7.83	0.0210	397.	58.	0.05
MILE 353.21	594.52	90286.	0.81	111302.	6746.	9.26	0.0230	398.	58.	0.04
MILE 349.00	594.45	90804.	0.78	116519.	3833.	9.78	0.0240	398.	60.	0.02

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TIME 12.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.01	64062.	2.53	25339.	5946.	7.85	0.0230	1540.	25.	0.22
MILE 420.49	599.80	65941.	2.62	25172.	3196.	6.34	0.0230	482.	21.	0.16
MILE 416.28	599.16	66659.	2.71	24616.	3017.	6.65	0.0270	481.	20.	0.17
MILE 412.08	598.14	67661.	2.35	28852.	2599.	6.90	0.0270	482.	22.	0.12
MILE 407.88	597.26	68913.	2.32	29728.	2537.	7.18	0.0270	482.	21.	0.12
MILE 403.67	596.70	69831.	2.38	29293.	1819.	7.46	0.0240	481.	23.	0.10
MILE 399.47	596.20	71757.	1.82	39328.	7056.	7.47	0.0220	482.	32.	0.14
MILE 395.26	595.83	73115.	2.06	35481.	10638.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.44	75368.	1.72	43699.	2517.	7.51	0.0220	440.	29.	0.07
MILE 386.85	595.19	76734.	1.35	56908.	5088.	5.67	0.0210	398.	36.	0.07
MILE 382.64	595.00	78236.	1.05	74761.	9288.	5.91	0.0210	397.	32.	0.07
MILE 378.44	594.85	80801.	1.31	61887.	12083.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.76	83056.	0.81	102221.	13862.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.70	85311.	0.76	112314.	8099.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.61	86503.	0.68	127092.	7700.	6.84	0.0210	397.	41.	0.03
MILE 361.62	594.56	87880.	0.76	115388.	12670.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.53	88939.	0.64	138549.	24037.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.51	89806.	0.81	111265.	6743.	9.25	0.0230	398.	58.	0.04
MILE 349.00	594.44	90343.	0.78	116481.	3833.	9.77	0.0240	398.	60.	0.02

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TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
13.0000										
DEPTH	FROUDE									
MILE 424.70	601.00	64137.	2.53	25329.	5940.	7.85	0.0230	1540.	25.	0.22
MILE 420.49	599.78	66057.	2.63	25144.	3189.	6.34	0.0230	482.	21.	0.16
MILE 416.28	599.14	66878.	2.72	24591.	3011.	6.65	0.0270	481.	20.	0.17
MILE 412.08	598.11	67775.	2.35	28808.	2594.	6.90	0.0270	482.	22.	0.12
MILE 407.88	597.22	68749.	2.32	29673.	2524.	7.17	0.0270	482.	21.	0.12
MILE 403.67	596.67	69524.	2.38	29230.	1809.	7.46	0.0240	481.	23.	0.10
MILE 399.47	596.16	71130.	1.81	39196.	7009.	7.48	0.0220	482.	32.	0.14
MILE 395.26	595.80	72505.	2.05	35416.	10597.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.40	74952.	1.72	43605.	2516.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.16	76227.	1.34	56766.	5086.	5.66	0.0210	398.	36.	0.07
MILE 382.64	594.97	77447.	1.04	74608.	9275.	5.90	0.0210	397.	32.	0.06
MILE 378.44	594.83	79425.	1.29	61757.	12070.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.74	81548.	0.80	102096.	13849.	6.43	0.0210	398.	36.	0.05
MILE 370.03	594.68	83390.	0.74	112213.	8093.	6.95	0.0210	398.	45.	0.04
MILE 365.82	594.59	84538.	0.67	126997.	7697.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.55	86640.	0.75	115312.	12661.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.50	90662.	0.66	138383.	24008.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.46	99964.	0.90	111067.	6727.	9.24	0.0230	398.	58.	0.04
MILE 349.00	594.34	103054.	0.89	116101.	3830.	9.75	0.0240	398.	60.	0.03

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TIME	ELEVATION	DISCHARGE	VELOCITY	AREA	WIDTH	R(2/3)	MANN N	LOCAL INFLOW		
14.0000										
DEPTH	FROUDE									
MILE 424.70	600.99	64264.	2.54	25318.	5933.	7.85	0.0230	1540.	25.	0.22
MILE 420.49	599.76	66142.	2.63	25119.	3183.	6.33	0.0230	482.	21.	0.17
MILE 416.28	599.12	66918.	2.72	24565.	3004.	6.64	0.0270	481.	20.	0.17
MILE 412.08	598.08	67746.	2.35	28769.	2590.	6.89	0.0270	482.	21.	0.12
MILE 407.88	597.20	68692.	2.32	29628.	2514.	7.17	0.0270	482.	21.	0.12
MILE 403.67	596.64	69486.	2.38	29177.	1801.	7.45	0.0240	481.	23.	0.10
MILE 399.47	596.13	71185.	1.82	39079.	6968.	7.49	0.0220	482.	32.	0.14
MILE 395.26	595.77	72469.	2.05	35358.	10559.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.38	74402.	1.71	43529.	2515.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.14	75498.	1.33	56658.	5085.	5.66	0.0210	398.	36.	0.07
MILE 382.64	594.94	76574.	1.03	74484.	9265.	5.90	0.0210	397.	32.	0.06
MILE 378.44	594.80	78252.	1.27	61635.	12058.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.72	80373.	0.79	101958.	13835.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.65	84086.	0.75	112025.	8081.	6.94	0.0210	398.	45.	0.04
MILE 365.82	594.54	87715.	0.69	126655.	7686.	6.82	0.0210	397.	41.	0.03

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MILE 361.62	594.49	93935.	0.82	114996.	12625.	7.83	0.0210	398.	49.	0.05
MILE 357.41	594.45	97130.	0.70	138033.	23946.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.43	98725.	0.89	110965.	6719.	9.24	0.0230	398.	58.	0.04
MILE 349.00	594.37	99107.	0.85	116214.	3831.	9.76	0.0240	398.	60.	0.03

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TIME 15.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.08	67070.	2.64	25424.	6002.	7.87	0.0230	1538.	25.	0.23
MILE 420.49	599.79	67839.	2.70	25168.	3195.	6.34	0.0230	482.	21.	0.17
MILE 416.28	599.12	67687.	2.75	24569.	3005.	6.64	0.0270	481.	20.	0.17
MILE 412.08	598.07	67998.	2.37	28742.	2587.	6.89	0.0270	482.	21.	0.13
MILE 407.88	597.17	68750.	2.32	29587.	2505.	7.16	0.0270	482.	21.	0.12
MILE 403.67	596.61	69490.	2.39	29128.	1793.	7.45	0.0240	481.	23.	0.10
MILE 399.47	596.10	71000.	1.82	38973.	6930.	7.50	0.0220	482.	32.	0.14
MILE 395.26	595.74	72164.	2.04	35310.	10528.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.35	73932.	1.70	43464.	2514.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.11	74954.	1.33	56560.	5084.	5.65	0.0210	398.	36.	0.07
MILE 382.64	594.92	76140.	1.02	74358.	9255.	5.89	0.0210	397.	32.	0.06
MILE 378.44	594.77	78771.	1.28	61448.	12039.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.67	84490.	0.83	101661.	13805.	6.41	0.0210	398.	36.	0.05
MILE 370.03	594.61	89036.	0.80	111733.	8063.	6.93	0.0210	398.	45.	0.04
MILE 365.82	594.51	90102.	0.71	126386.	7677.	6.82	0.0210	397.	41.	0.03
MILE 361.62	594.47	90055.	0.78	114882.	12612.	7.82	0.0210	398.	49.	0.05
MILE 357.41	594.44	90019.	0.65	137963.	23934.	7.82	0.0210	397.	58.	0.05
MILE 353.21	594.43	89184.	0.80	110945.	6717.	9.24	0.0230	398.	58.	0.03
MILE 349.00	594.38	89012.	0.77	116252.	3831.	9.76	0.0240	398.	60.	0.02

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TIME 16.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.21	69775.	2.73	25570.	6097.	7.89	0.0230	1536.	25.	0.23
MILE 420.49	599.86	69752.	2.76	25274.	3221.	6.36	0.0230	482.	21.	0.17
MILE 416.28	599.16	69023.	2.80	24627.	3019.	6.65	0.0270	481.	20.	0.17
MILE 412.08	598.08	68891.	2.40	28760.	2589.	6.89	0.0270	482.	21.	0.13
MILE 407.88	597.16	69201.	2.34	29575.	2502.	7.16	0.0270	482.	21.	0.12
MILE 403.67	596.59	69757.	2.40	29098.	1789.	7.45	0.0240	481.	23.	0.10
MILE 399.47	596.08	70883.	1.82	38888.	6900.	7.50	0.0220	482.	32.	0.14
MILE 395.26	595.71	71927.	2.04	35265.	10500.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.32	73904.	1.70	43384.	2512.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.08	75384.	1.34	56410.	5082.	5.64	0.0210	398.	36.	0.07

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MILE 382.64	594.88	77201.	1.04	74135.	9236.	5.88	0.0210	397.	32.	0.06
MILE 378.44	594.73	80264.	1.31	61210.	12016.	5.40	0.0210	397.	38.	0.10
MILE 374.23	594.65	81749.	0.81	101496.	13788.	6.41	0.0210	398.	36.	0.05
MILE 370.03	594.59	82944.	0.74	111647.	8058.	6.92	0.0210	398.	45.	0.04
MILE 365.82	594.51	83405.	0.66	126384.	7677.	6.82	0.0210	397.	41.	0.03
MILE 361.62	594.47	83418.	0.73	114919.	12616.	7.82	0.0210	398.	49.	0.04
MILE 357.41	594.45	82902.	0.60	138045.	23948.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.44	80509.	0.73	111003.	6722.	9.24	0.0230	398.	58.	0.03
MILE 349.00	594.40	80251.	0.69	116328.	3832.	9.77	0.0240	398.	60.	0.02

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TIME 17.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.32	71268.	2.77	25693.	6177.	7.92	0.0230	1536.	25.	0.24
MILE 420.49	599.94	71099.	2.80	25394.	3250.	6.38	0.0230	482.	21.	0.18
MILE 416.28	599.22	70299.	2.84	24713.	3040.	6.67	0.0270	481.	20.	0.18
MILE 412.08	598.11	69994.	2.43	28814.	2595.	6.90	0.0270	482.	22.	0.13
MILE 407.88	597.17	70022.	2.37	29592.	2506.	7.16	0.0270	482.	21.	0.12
MILE 403.67	596.59	70458.	2.42	29091.	1787.	7.45	0.0240	481.	23.	0.11
MILE 399.47	596.06	71404.	1.84	38827.	6879.	7.51	0.0220	482.	32.	0.14
MILE 395.26	595.69	72537.	2.06	35218.	10469.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.29	74659.	1.72	43291.	2511.	7.49	0.0220	440.	29.	0.07
MILE 386.85	595.04	75667.	1.34	56260.	5080.	5.63	0.0210	398.	36.	0.07
MILE 382.64	594.85	76452.	1.03	73989.	9224.	5.88	0.0210	397.	32.	0.06
MILE 378.44	594.71	77329.	1.27	61125.	12007.	5.40	0.0210	397.	38.	0.10
MILE 374.23	594.64	77509.	0.76	101448.	13783.	6.40	0.0210	398.	36.	0.05
MILE 370.03	594.59	76902.	0.69	111649.	8058.	6.92	0.0210	398.	45.	0.03
MILE 365.82	594.52	76511.	0.60	126474.	7680.	6.82	0.0210	397.	41.	0.03
MILE 361.62	594.49	75289.	0.65	115023.	12628.	7.83	0.0210	398.	49.	0.04
MILE 357.41	594.48	72822.	0.53	138239.	23982.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.49	66041.	0.59	111197.	6737.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.49	64270.	0.55	116671.	3834.	9.78	0.0240	398.	60.	0.02

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TIME 18.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.48	74100.	2.86	25875.	6296.	7.95	0.0230	1536.	25.	0.25
MILE 420.49	600.04	73220.	2.86	25559.	3291.	6.40	0.0230	482.	21.	0.18
MILE 416.28	599.30	71850.	2.89	24820.	3065.	6.68	0.0270	481.	20.	0.18
MILE 412.08	598.16	71189.	2.46	28885.	2603.	6.91	0.0270	482.	22.	0.13
MILE 407.88	597.19	71060.	2.40	29622.	2512.	7.17	0.0270	482.	21.	0.12

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MILE 403.67	596.59	71481.	2.46	29095.	1788.	7.45	0.0240	481.	23.	0.11
MILE 399.47	596.05	72420.	1.87	38780.	6862.	7.51	0.0220	482.	32.	0.14
MILE 395.26	595.67	73248.	2.08	35183.	10447.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.27	74164.	1.71	43255.	2510.	7.49	0.0220	440.	29.	0.07
MILE 386.85	595.03	74718.	1.33	56220.	5080.	5.63	0.0210	398.	36.	0.07
MILE 382.64	594.84	75099.	1.02	73962.	9222.	5.87	0.0210	397.	32.	0.06
MILE 378.44	594.71	75063.	1.23	61131.	12008.	5.40	0.0210	397.	38.	0.10
MILE 374.23	594.65	73477.	0.72	101507.	13789.	6.41	0.0210	398.	36.	0.05
MILE 370.03	594.61	70689.	0.63	111772.	8066.	6.93	0.0210	398.	45.	0.03
MILE 365.82	594.56	68274.	0.54	126766.	7689.	6.83	0.0210	397.	41.	0.02
MILE 361.62	594.55	63701.	0.55	115302.	12660.	7.84	0.0210	398.	49.	0.03
MILE 357.41	594.53	62030.	0.45	138551.	24038.	7.82	0.0210	397.	58.	0.03
MILE 353.21	594.51	62777.	0.56	111282.	6744.	9.26	0.0230	398.	58.	0.02
MILE 349.00	594.46	63557.	0.55	116557.	3833.	9.78	0.0240	398.	60.	0.02

ODATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 19.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.56	74073.	2.85	25966.	6354.	7.96	0.0230	1540.	26.	0.25
MILE 420.49	600.13	73818.	2.87	25689.	3323.	6.42	0.0230	482.	21.	0.18
MILE 416.28	599.38	73004.	2.93	24932.	3092.	6.70	0.0270	481.	20.	0.18
MILE 412.08	598.21	72563.	2.50	28976.	2614.	6.92	0.0270	482.	22.	0.13
MILE 407.88	597.22	72329.	2.44	29669.	2523.	7.17	0.0270	482.	21.	0.13
MILE 403.67	596.60	72606.	2.49	29115.	1791.	7.45	0.0240	481.	23.	0.11
MILE 399.47	596.05	72876.	1.88	38770.	6858.	7.51	0.0220	482.	32.	0.14
MILE 395.26	595.66	73282.	2.08	35174.	10441.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.27	73597.	1.70	43255.	2510.	7.49	0.0220	440.	29.	0.07
MILE 386.85	595.04	73730.	1.31	56241.	5080.	5.63	0.0210	398.	36.	0.07
MILE 382.64	594.86	73543.	0.99	74029.	9228.	5.88	0.0210	397.	32.	0.06
MILE 378.44	594.74	72058.	1.18	61275.	12022.	5.41	0.0210	397.	38.	0.09
MILE 374.23	594.69	67406.	0.66	101753.	13814.	6.42	0.0210	398.	36.	0.04
MILE 370.03	594.65	64000.	0.57	112007.	8080.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.59	64155.	0.51	126969.	7696.	6.83	0.0210	397.	41.	0.02
MILE 361.62	594.56	65656.	0.57	115363.	12667.	7.84	0.0210	398.	49.	0.03
MILE 357.41	594.53	66886.	0.48	138556.	24038.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.51	69324.	0.62	111271.	6743.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.45	70304.	0.60	116519.	3833.	9.78	0.0240	398.	60.	0.02

ODATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 20.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

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MILE 424.70	601.61	74016.	2.84	26028.	6395.	7.98	0.0230	1544.	26.	0.25
MILE 420.49	600.19	74210.	2.88	25788.	3347.	6.43	0.0230	482.	21.	0.18
MILE 416.28	599.44	73705.	2.95	25017.	3112.	6.71	0.0270	481.	20.	0.18
MILE 412.08	598.26	73417.	2.53	29052.	2623.	6.93	0.0270	482.	22.	0.13
MILE 407.88	597.25	73232.	2.46	29720.	2535.	7.18	0.0270	482.	21.	0.13
MILE 403.67	596.62	73454.	2.52	29151.	1797.	7.45	0.0240	481.	23.	0.11
MILE 399.47	596.06	73322.	1.89	38811.	6873.	7.51	0.0220	482.	32.	0.14
MILE 395.26	595.67	73376.	2.09	35189.	10451.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.29	72731.	1.68	43305.	2511.	7.49	0.0220	440.	29.	0.07
MILE 386.85	595.06	72254.	1.28	56355.	5081.	5.64	0.0210	398.	36.	0.07
MILE 382.64	594.89	71417.	0.96	74219.	9243.	5.89	0.0210	397.	32.	0.06
MILE 378.44	594.78	69587.	1.13	61481.	12043.	5.41	0.0210	397.	38.	0.09
MILE 374.23	594.71	69820.	0.69	101870.	13826.	6.42	0.0210	398.	36.	0.04
MILE 370.03	594.66	70000.	0.62	112042.	8083.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.58	70564.	0.56	126917.	7694.	6.83	0.0210	397.	41.	0.02
MILE 361.62	594.54	71483.	0.62	115286.	12658.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.51	72910.	0.53	138425.	24015.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.48	76567.	0.69	111178.	6736.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.42	77707.	0.67	116405.	3832.	9.77	0.0240	398.	60.	0.02

ODATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 21.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.65	73971.	2.84	26075.	6426.	7.98	0.0230	1556.	26.	0.25
MILE 420.49	600.24	74474.	2.88	25864.	3366.	6.45	0.0230	482.	21.	0.18
MILE 416.28	599.48	74164.	2.96	25082.	3127.	6.72	0.0270	481.	20.	0.18
MILE 412.08	598.30	73982.	2.54	29116.	2630.	6.94	0.0270	482.	22.	0.13
MILE 407.88	597.29	73827.	2.48	29769.	2546.	7.18	0.0270	482.	21.	0.13
MILE 403.67	596.65	74003.	2.53	29195.	1804.	7.45	0.0240	481.	23.	0.11
MILE 399.47	596.08	73480.	1.89	38888.	6900.	7.50	0.0220	482.	32.	0.14
MILE 395.26	595.70	73126.	2.08	35232.	10478.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.32	71857.	1.66	43389.	2512.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.09	71775.	1.27	56485.	5083.	5.65	0.0210	398.	36.	0.07
MILE 382.64	594.91	72057.	0.97	74329.	9252.	5.89	0.0210	397.	32.	0.06
MILE 378.44	594.78	72555.	1.18	61516.	12046.	5.41	0.0210	397.	38.	0.09
MILE 374.23	594.71	73568.	0.72	101871.	13826.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.65	75481.	0.67	112000.	8080.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.56	76843.	0.61	126796.	7690.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.52	78146.	0.68	115186.	12647.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.50	77099.	0.56	138369.	24005.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.50	71781.	0.65	111236.	6740.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.48	70406.	0.60	116633.	3834.	9.78	0.0240	398.	60.	0.02

ODATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

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Appendix K		Checked	WBB

TIME 22.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.69	73974.	2.83	26114.	6451.	7.99	0.0230	1568.	26.	0.25
MILE 420.49	600.28	74672.	2.88	25925.	3381.	6.45	0.0230	482.	21.	0.18
MILE 416.28	599.52	74478.	2.96	25135.	3140.	6.73	0.0270	481.	20.	0.18
MILE 412.08	598.34	74348.	2.55	29173.	2637.	6.95	0.0270	482.	22.	0.14
MILE 407.88	597.32	74165.	2.49	29821.	2558.	7.19	0.0270	482.	21.	0.13
MILE 403.67	596.68	74270.	2.54	29249.	1812.	7.46	0.0240	481.	23.	0.11
MILE 399.47	596.11	73468.	1.88	38996.	6938.	7.49	0.0220	482.	32.	0.14
MILE 395.26	595.72	73277.	2.08	35279.	10508.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.34	73018.	1.68	43424.	2513.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.10	73181.	1.30	56505.	5083.	5.65	0.0210	398.	36.	0.07
MILE 382.64	594.91	73606.	0.99	74323.	9252.	5.89	0.0210	397.	32.	0.06
MILE 378.44	594.78	74542.	1.21	61480.	12043.	5.41	0.0210	397.	38.	0.09
MILE 374.23	594.70	76488.	0.75	101809.	13820.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.65	76811.	0.69	111989.	8079.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.58	75575.	0.60	126895.	7693.	6.83	0.0210	397.	41.	0.03
MILE 361.62	594.55	72605.	0.63	115328.	12663.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.52	72443.	0.52	138514.	24031.	7.82	0.0210	397.	58.	0.04
MILE 353.21	594.50	74438.	0.67	111228.	6740.	9.25	0.0230	398.	58.	0.03
MILE 349.00	594.43	75455.	0.65	116443.	3833.	9.77	0.0240	398.	60.	0.02

0DATE 5-17-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 23.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.71	73960.	2.83	26146.	6472.	8.00	0.0230	1590.	26.	0.25
MILE 420.49	600.31	74798.	2.88	25976.	3393.	6.46	0.0230	482.	21.	0.18
MILE 416.28	599.55	74675.	2.97	25182.	3151.	6.74	0.0270	481.	20.	0.18
MILE 412.08	598.37	74571.	2.55	29227.	2643.	6.95	0.0270	482.	22.	0.14
MILE 407.88	597.35	74416.	2.49	29874.	2570.	7.20	0.0270	482.	21.	0.13
MILE 403.67	596.71	74589.	2.55	29303.	1821.	7.46	0.0240	481.	23.	0.11
MILE 399.47	596.13	74236.	1.90	39090.	6972.	7.49	0.0220	482.	32.	0.14
MILE 395.26	595.74	74305.	2.10	35310.	10528.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.34	74264.	1.71	43441.	2513.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.10	74610.	1.32	56501.	5083.	5.65	0.0210	398.	36.	0.07
MILE 382.64	594.91	75025.	1.01	74292.	9249.	5.89	0.0210	397.	32.	0.06
MILE 378.44	594.78	74960.	1.22	61481.	12043.	5.41	0.0210	397.	38.	0.10
MILE 374.23	594.71	72557.	0.71	101902.	13830.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.66	71560.	0.64	112086.	8085.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.59	72695.	0.57	126947.	7695.	6.83	0.0210	397.	41.	0.02
MILE 361.62	594.55	74952.	0.65	115319.	12662.	7.84	0.0210	398.	49.	0.04
MILE 357.41	594.53	73946.	0.53	138566.	24040.	7.83	0.0210	397.	58.	0.04
MILE 353.21	594.54	67387.	0.61	111383.	6752.	9.26	0.0230	398.	58.	0.03

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MILE 349.00 594.53 65756. 0.56 116823. 3836. 9.79 0.0240 398. 60. 0.02

0DATE 5-18-03 May 2003 Flood - Guntersville - Local Inflow Hydrographs

TIME 0.0000 ELEVATION DISCHARGE VELOCITY AREA WIDTH R(2/3) MANN N LOCAL INFLOW
DEPTH FROUDE

MILE 424.70	601.74	73956.	2.83	26174.	6490.	8.00	0.0230	1611.	26.	0.25
MILE 420.49	600.34	74889.	2.88	26021.	3404.	6.47	0.0230	482.	21.	0.18
MILE 416.28	599.58	74828.	2.97	25223.	3161.	6.75	0.0270	481.	20.	0.19
MILE 412.08	598.40	74809.	2.56	29276.	2649.	6.96	0.0270	482.	22.	0.14
MILE 407.88	597.38	74790.	2.50	29920.	2580.	7.20	0.0270	482.	21.	0.13
MILE 403.67	596.73	75052.	2.56	29345.	1827.	7.46	0.0240	481.	23.	0.11
MILE 399.47	596.15	74984.	1.91	39156.	6995.	7.48	0.0220	482.	32.	0.14
MILE 395.26	595.75	75198.	2.13	35332.	10543.	9.52	0.0220	481.	37.	0.20
MILE 391.06	595.35	75069.	1.73	43464.	2514.	7.50	0.0220	440.	29.	0.07
MILE 386.85	595.11	74882.	1.32	56544.	5083.	5.65	0.0210	398.	36.	0.07
MILE 382.64	594.92	74481.	1.00	74371.	9256.	5.89	0.0210	397.	32.	0.06
MILE 378.44	594.79	73614.	1.20	61560.	12051.	5.41	0.0210	397.	38.	0.09
MILE 374.23	594.71	74612.	0.73	101912.	13830.	6.42	0.0210	398.	36.	0.05
MILE 370.03	594.67	73514.	0.66	112122.	8088.	6.94	0.0210	398.	45.	0.03
MILE 365.82	594.61	71268.	0.56	127122.	7701.	6.84	0.0210	397.	41.	0.02
MILE 361.62	594.59	66721.	0.58	115526.	12685.	7.85	0.0210	398.	49.	0.03
MILE 357.41	594.56	66640.	0.48	138754.	24073.	7.83	0.0210	397.	58.	0.04
MILE 353.21	594.53	72104.	0.65	111351.	6750.	9.26	0.0230	398.	58.	0.03
MILE 349.00	594.45	74031.	0.64	116519.	3833.	9.78	0.0240	398.	60.	0.02

1 May 2003 Flood - Guntersville - Local Inflow Hydrographs

THE COMPUTATION STARTED ON 4-29-03 AT TIME 0.00 AND TERMINATED ON 5-18-03 AT TIME 0.00

THE MAXIMUM ELEVATIONS, DISCHARGES, VELOCITIES ARE:

MILE	EL(FT)	DAY	TIME	Q(CFS)	DAY	TIME	V(FPS)	DAY	TIME
MILE 424.70	619.25	8	2.00	274653.	7	23.01	5.51	6	19.01
MILE 420.49	617.26	8	2.30	294052.	8	0.05	4.80	6	20.51
MILE 416.28	615.35	8	18.23	292624.	8	2.16	4.76	6	22.26
MILE 412.08	612.67	8	19.00	294073.	8	2.69	5.01	8	1.12
MILE 407.88	610.40	8	19.84	295535.	8	3.59	4.41	7	1.24
MILE 403.67	608.04	8	20.52	298208.	8	4.07	4.28	7	0.04
MILE 399.47	605.79	8	21.75	299384.	8	20.50	3.57	8	4.64
MILE 395.26	603.58	8	22.88	301721.	8	20.83	5.80	8	5.57
MILE 391.06	601.80	8	23.04	304043.	8	21.56	4.86	8	21.08
MILE 386.85	600.56	8	23.54	305619.	8	21.59	3.84	8	9.48
MILE 382.64	599.52	9	0.30	307157.	8	20.82	3.13	8	9.22

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MILE 378.44	598.51	9	1.10	308675.	8	23.00	3.81	8	8.84
MILE 374.23	597.87	9	1.21	310080.	8	22.65	2.54	8	19.26
MILE 370.03	597.38	9	0.91	312200.	9	2.54	2.42	9	2.57
MILE 365.82	596.61	9	0.55	313958.	9	2.29	2.22	9	2.31
MILE 361.62	596.17	9	0.21	315966.	9	1.95	2.55	9	1.96
MILE 357.41	595.85	8	23.77	317997.	9	1.59	2.16	9	1.59
MILE 353.21	595.60	9	2.28	320843.	9	6.31	2.78	9	6.31
MILE 349.00	595.07	6	19.00	322556.	9	6.00	2.74	9	6.00

19 LOCATIONS LISTED
 1 DISCHARGES AT DOWNSTREAM END OF CHANNEL 1; RM = 349.00

DATE TIME DISCHARGE

4-29-03	0.0	37084.
	1.0	42526.
	2.0	47284.
	3.0	56798.
	4.0	69921.
	5.0	78834.
	6.0	74071.
	7.0	67701.
	8.0	62121.
	9.0	56909.
	10.0	52052.
	11.0	47955.
	12.0	45002.
	13.0	42889.
	14.0	41274.
	15.0	39919.
	16.0	39018.
	17.0	38425.
	18.0	38024.
	19.0	37692.
	20.0	37468.
	21.0	37332.
	22.0	37259.
	23.0	37190.
	24.0	37140.
4-30-03	1.0	37109.
	2.0	37097.
	3.0	37087.
	4.0	37078.
	5.0	37072.
	6.0	37072.
	7.0	37073.
	8.0	37072.
	9.0	37073.

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10.0	37074.	
11.0	37076.	
12.0	37076.	
13.0	37077.	
14.0	37078.	
15.0	37079.	
16.0	37080.	
17.0	37080.	
18.0	37081.	
19.0	37082.	
20.0	37082.	
21.0	37082.	
22.0	37083.	
23.0	37083.	
24.0	37083.	
5-01-03	1.0	37083.
2.0	37083.	
3.0	37083.	
4.0	37083.	
5.0	37084.	
6.0	37084.	
7.0	37084.	
8.0	37084.	
9.0	37084.	
10.0	37084.	
11.0	37084.	
12.0	37084.	
13.0	37084.	
14.0	37084.	
15.0	37084.	
16.0	37084.	
17.0	37084.	
18.0	37084.	
19.0	37084.	
20.0	37084.	
21.0	37084.	
22.0	37084.	
23.0	37084.	
24.0	37084.	
5-02-03	1.0	37084.
2.0	37084.	
3.0	37084.	
4.0	37084.	
5.0	37084.	
6.0	37084.	
7.0	37084.	
8.0	37084.	
9.0	37084.	
10.0	37084.	
11.0	37084.	
12.0	37084.	

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 296 of 338
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Appendix K		Checked	WBB

13.0	37084.
14.0	37084.
15.0	37084.
16.0	37084.
17.0	37084.
18.0	37084.
19.0	37084.
20.0	37084.
21.0	37084.
22.0	37084.
23.0	37084.
24.0	37084.
5-03-03	1.0 29117.
2.0	22578.
3.0	23611.
4.0	22701.
5.0	24447.
6.0	34880.
7.0	43942.
8.0	44357.
9.0	35913.
10.0	23014.
11.0	21564.
12.0	25008.
13.0	30615.
14.0	32770.
15.0	38416.
16.0	47776.
17.0	20509.
18.0	8010.
19.0	7208.
20.0	6786.
21.0	1522.
22.0	5167.
23.0	16000.
24.0	25509.
5-04-03	1.0 28205.
2.0	28049.
3.0	27832.
4.0	26272.
5.0	16954.
6.0	9577.
7.0	16167.
8.0	25172.
9.0	18048.
10.0	14165.
11.0	24556.
12.0	36346.
13.0	46408.
14.0	42927.
15.0	38925.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 297 of 338
Subject: SOCH Model Calibration, Guntersville		Prepped	JTS
Appendix K		Checked	WBB

16.0	36882.
17.0	43204.
18.0	28921.
19.0	27343.
20.0	31556.
21.0	4947.
22.0	-3014.
23.0	10132.
24.0	25979.
5-05-03	1.0 30888.
2.0	27884.
3.0	27192.
4.0	27124.
5.0	31194.
6.0	63092.
7.0	100179.
8.0	71311.
9.0	58084.
10.0	40367.
11.0	33669.
12.0	17281.
13.0	20578.
14.0	9176.
15.0	32712.
16.0	37227.
17.0	23381.
18.0	8553.
19.0	7666.
20.0	29451.
21.0	56245.
22.0	62381.
23.0	59636.
24.0	54916.
5-06-03	1.0 54416.
2.0	65063.
3.0	63381.
4.0	83107.
5.0	95474.
6.0	76188.
7.0	60346.
8.0	62944.
9.0	69002.
10.0	127777.
11.0	123925.
12.0	96120.
13.0	95916.
14.0	80414.
15.0	71495.
16.0	108294.
17.0	125619.
18.0	140090.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 298 of 338
Subject: SOCH Model Calibration, Gunter'sville		Prepped	JTS
Appendix K		Checked	WBB

	19.0	143800.
	20.0	160553.
	21.0	172890.
	22.0	180199.
	23.0	200800.
	24.0	215859.
5-07-03	1.0	216647.
	2.0	214109.
	3.0	217933.
	4.0	223368.
	5.0	220863.
	6.0	228353.
	7.0	229188.
	8.0	226773.
	9.0	216255.
	10.0	238036.
	11.0	243252.
	12.0	259273.
	13.0	266859.
	14.0	260676.
	15.0	262048.
	16.0	272758.
	17.0	280576.
	18.0	280653.
	19.0	282546.
	20.0	285924.
	21.0	291655.
	22.0	303444.
	23.0	309967.
	24.0	306172.
5-08-03	1.0	302505.
	2.0	306265.
	3.0	308979.
	4.0	308749.
	5.0	307503.
	6.0	313073.
	7.0	304605.
	8.0	302462.
	9.0	307282.
	10.0	314951.
	11.0	314620.
	12.0	308673.
	13.0	308742.
	14.0	311271.
	15.0	313093.
	16.0	316133.
	17.0	320698.
	18.0	316154.
	19.0	316048.
	20.0	318391.
	21.0	318234.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 299 of 338
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Appendix K		Checked	WBB

	22.0	318458.
	23.0	317833.
	24.0	320192.
5-09-03	1.0	322510.
	2.0	316879.
	3.0	319229.
	4.0	319786.
	5.0	318165.
	6.0	322556.
	7.0	318779.
	8.0	317834.
	9.0	311689.
	10.0	318869.
	11.0	312300.
	12.0	312750.
	13.0	312774.
	14.0	312894.
	15.0	319676.
	16.0	316528.
	17.0	313593.
	18.0	312738.
	19.0	309085.
	20.0	307307.
	21.0	304096.
	22.0	303972.
	23.0	307242.
	24.0	302658.
5-10-03	1.0	303314.
	2.0	304004.
	3.0	302895.
	4.0	302453.
	5.0	301132.
	6.0	293513.
	7.0	290358.
	8.0	289915.
	9.0	293492.
	10.0	293233.
	11.0	277131.
	12.0	267507.
	13.0	260915.
	14.0	260714.
	15.0	252171.
	16.0	241284.
	17.0	241268.
	18.0	243347.
	19.0	247035.
	20.0	250600.
	21.0	253796.
	22.0	251276.
	23.0	250007.
	24.0	247282.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 300 of 338
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5-11-03	1.0	247793.
	2.0	248711.
	3.0	243271.
	4.0	245029.
	5.0	244865.
	6.0	248748.
	7.0	247946.
	8.0	239977.
	9.0	233219.
	10.0	234282.
	11.0	237505.
	12.0	224533.
	13.0	224797.
	14.0	216865.
	15.0	213643.
	16.0	212769.
	17.0	218883.
	18.0	217422.
	19.0	213228.
	20.0	214264.
	21.0	220916.
	22.0	217010.
	23.0	219649.
	24.0	220639.
5-12-03	1.0	221020.
	2.0	217492.
	3.0	217109.
	4.0	221042.
	5.0	223383.
	6.0	213851.
	7.0	203365.
	8.0	202824.
	9.0	203525.
	10.0	210878.
	11.0	208579.
	12.0	203330.
	13.0	189799.
	14.0	187531.
	15.0	182201.
	16.0	170572.
	17.0	166780.
	18.0	164272.
	19.0	165894.
	20.0	165454.
	21.0	166107.
	22.0	166782.
	23.0	164427.
	24.0	166221.
5-13-03	1.0	165379.
	2.0	166735.
	3.0	169839.

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4.0	173524.
5.0	171207.
6.0	166309.
7.0	162302.
8.0	158344.
9.0	158575.
10.0	158628.
11.0	155263.
12.0	152560.
13.0	144574.
14.0	139787.
15.0	136296.
16.0	134486.
17.0	139716.
18.0	136948.
19.0	144932.
20.0	150928.
21.0	150606.
22.0	149816.
23.0	150293.
24.0	148232.
5-14-03	1.0 140692.
2.0	132029.
3.0	125578.
4.0	121326.
5.0	118318.
6.0	116026.
7.0	114155.
8.0	112500.
9.0	110867.
10.0	111866.
11.0	113162.
12.0	111767.
13.0	110312.
14.0	109045.
15.0	107331.
16.0	144670.
17.0	160894.
18.0	156179.
19.0	147288.
20.0	141635.
21.0	137104.
22.0	133750.
23.0	131227.
24.0	129641.
5-15-03	1.0 131249.
2.0	128325.
3.0	129149.
4.0	129463.
5.0	128962.
6.0	125687.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 302 of 338
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7.0	126339.
8.0	125845.
9.0	124320.
10.0	122780.
11.0	110915.
12.0	98034.
13.0	98444.
14.0	98197.
15.0	94401.
16.0	91889.
17.0	89580.
18.0	90936.
19.0	93474.
20.0	93520.
21.0	95097.
22.0	93586.
23.0	90601.
24.0	88364.
5-16-03	1.0 87260.
2.0	83709.
3.0	82712.
4.0	82275.
5.0	83050.
6.0	84080.
7.0	86270.
8.0	93903.
9.0	97662.
10.0	91750.
11.0	86320.
12.0	87957.
13.0	89716.
14.0	74916.
15.0	99204.
16.0	84684.
17.0	77702.
18.0	86747.
19.0	93298.
20.0	93827.
21.0	89712.
22.0	85393.
23.0	83523.
24.0	79683.
5-17-03	1.0 78255.
2.0	80826.
3.0	82789.
4.0	83457.
5.0	86811.
6.0	87708.
7.0	83367.
8.0	79344.
9.0	87303.

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Calculation No. CDQ000020080041	Rev: 0	Plant: GEN	Page: 304 of 338
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616.12 615.93 615.80 615.68 615.59 615.50 615.43 615.37 615.32 615.28
615.23 615.19 615.16 615.12 614.91 614.63 614.42 614.28 614.15 614.04
613.92 613.82 613.71 613.61 613.51 613.38 613.20 613.04 612.90 612.71
612.40 612.13 611.95 611.80 611.67 611.55 611.44 611.34 611.26 611.19
611.12 611.06 611.00 610.91 610.51 610.31 610.15 610.00 609.88 609.77
609.67 609.54 609.39 609.27 609.16 609.05 608.96 608.88 608.80 608.72
608.66 608.59 608.54 608.48 608.44 608.40 608.35 608.31 608.26 608.01
607.79 607.57 607.41 607.29 607.18 607.09 607.01 607.47 607.26 607.33
607.37 607.40 607.45 607.48 607.60 607.66 607.68 607.62 607.60 607.59
607.35 607.19 607.08 606.76 606.47 606.17 605.66 605.38 605.15 604.96
604.78 604.61 604.48 604.93 604.66 604.66 604.76 604.78 604.79 604.79
604.79 604.78 605.03 605.31 605.01 604.93 604.87 604.82 604.65 604.29
603.91 603.70 603.53 603.39 603.28 603.18 603.09 603.02 602.96 602.91
603.26 603.45 603.54 603.60 603.64 603.67 603.70 603.71 603.66 603.45
603.36 603.30 602.92 602.65 602.48 602.35 602.25 602.10 601.83 601.68
601.58 601.63 601.66 601.98 602.36 602.54 602.66 602.75 602.82 602.87
602.91 602.95 602.62 602.38 602.25 602.16 602.07 602.00 601.81 601.50
601.24 601.08 600.95 600.98 601.01 601.00 600.99 601.08 601.21 601.32
601.48 601.56 601.61 601.65 601.69 601.71 601.74
36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493. 36493.
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19977. 19964. 19918. 19849. 19889. 19879. 19931. 19941. 20003. 19942.
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53284. 38354. 35882. 30429. 26417. 26447. 26479. 31816. 47526. 53680.
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128254. 157744. 159931. 159864. 170291. 191042. 191908. 202528. 214714. 217105.
224759. 224345. 223738. 215166. 207304. 207621. 207571. 210297. 212841. 220942.
236465. 249907. 255351. 255035. 254812. 254697. 254788. 254602. 254504. 254980.
255969. 256739. 259806. 262381. 262580. 264929. 274653. 269242. 267071. 258676.
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265603. 264425. 265688. 265520. 265372. 265131. 261107. 251769. 248938. 249763.
250118. 249748. 233031. 231398. 231441. 231617. 231988. 231791. 232001. 232562.
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605.70 605.72 605.75 605.78 605.85 605.91 605.95 605.94 605.93 605.91
605.80 605.68 605.56 605.36 605.13 604.88 604.52 604.21 603.95 603.73
603.54 603.36 603.20 603.32 603.24 603.20 603.22 603.24 603.25 603.25
603.25 603.25 603.35 603.53 603.48 603.43 603.37 603.32 603.21 603.00
602.73 602.50 602.31 602.14 602.01 601.89 601.79 601.70 601.63 601.56
601.68 601.81 601.91 601.99 602.05 602.09 602.12 602.15 602.13 602.04
601.96 601.89 601.69 601.47 601.29 601.14 601.02 600.89 600.70 600.55
600.42 600.38 600.37 600.50 600.72 600.91 601.05 601.16 601.25 601.32
601.37 601.42 601.30 601.14 601.01 600.90 600.81 600.73 600.61 600.41
600.19 600.02 599.87 599.82 599.80 599.78 599.76 599.79 599.86 599.94
600.04 600.13 600.19 600.24 600.28 600.31 600.34
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215319. 215313. 215338. 215324. 209074. 201613. 198440. 197255. 196396. 195559.
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131587. 132122. 132952. 133388. 135817. 136320. 136269. 134503. 134225. 133950.
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87951. 86642. 85586. 84851. 84330. 83946. 83662. 83485. 83380. 83229.

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597.26 597.33 597.11 596.90 596.73 596.58 596.46 596.35 596.26 596.18
596.11 596.04 595.99 595.95 595.92 595.89 595.88 595.86 595.85 595.84
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594.57 594.44 594.56 594.71 594.80 595.03 595.09 595.07 595.04 595.04
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595.03 595.00 594.89 594.65 594.48 594.57 594.53 594.58 594.80 594.88
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Appendix K		Checked	WBB

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TRM 403.67

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Appendix K		Checked	WBB

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TRM 386.85

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Appendix K		Checked	WBB

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Appendix K		Checked	WBB

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Appendix K		Checked	WBB

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Appendix K		Checked	WBB

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