

YADKIN RIVER

FIA Copy

Floodway Run
100-YR STRT WSEL

SUMMARY PRINTOUT

YADKIN RIVER 100 YR NATU

SECNO	ELENC	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	TOPWID	SSTA	ENDBT	SECNO
9026.90	0	0	0	860.60	63000.00	892.60	0	892.86	959.24	135.15	1094.39	9026.90
9026.90	100000.00	0	0	860.60	63000.00	893.60	0	893.88	758.17	284.35	6381042.52	9026.90
9027.50	0	911.50	924.00	860.70	63000.00	892.51	0	893.13	582.19	302.99	948.85	9027.50
9027.50	100000.00	911.50	924.00	860.70	63000.00	893.49	0	894.16	462.64	416.48	719 900.29	9027.50
9028.50	0	911.50	924.00	860.70	63000.00	892.89	0	893.48	586.34	302.46	949.45	9028.50
9028.50	100000.00	911.50	924.00	860.70	63000.00	893.89	0	894.52	468.39	412.56	901.96	9028.50
9030.10	0	0	0	861.00	63000.00	893.61	0	893.79	1191.80	131.36	1344.18	9030.10
9030.10	100000.00	0	0	861.00	63000.00	894.64	0	894.83	963.52	291.31	578 1254.83	9030.10
9061.20	0	0	0	862.90	63000.00	895.50	0	895.65	1515.09	.90	1515.99	9061.20
9061.20	100000.00	0	0	862.90	63000.00	896.52	0	896.69	1202.56	144.24	110 1346.81	9061.20
9087.80	0	0	0	862.50	63000.00	897.12	0	897.27	1704.66	332.11	2036.77	9087.80
9087.80	100000.00	0	0	862.50	63000.00	898.13	0	898.30	1329.22	477.71	110 1806.93	9087.80
9100.00	0	0	0	862.50	63000.00	897.84	0	897.98	1712.09	331.11	2043.20	9100.00
9100.00	100000.00	0	0	862.50	63000.00	898.85	0	899.01	1347.73	475.66	1823.39	9100.00
9113.00	0	0	0	862.30	63000.00	898.70	0	899.03	1354.55	144.14	1498.70	9113.00
9113.00	100000.00	0	0	862.30	63000.00	899.74	0	900.09	912.83	522.17	1337 1435.00	9113.00
9113.60	0	909.90	919.00	863.60	63000.00	898.82	0	899.11	1295.80	210.65	1551.68	9113.60
9113.60	100000.00	909.90	919.00	863.60	63000.00	899.86	0	900.17	918.42	554.54	1228 1499.00	9113.60
9114.00	0	909.90	919.00	863.60	63000.00	898.87	0	899.16	1296.72	209.92	1551.78	9114.00
9114.00	100000.00	909.90	919.00	863.60	63000.00	899.92	0	900.22	918.51	554.53	1499.00	9114.00
9114.80	0	0	0	860.60	63000.00	898.93	0	899.28	1060.87	293.00	1482.87	9114.80
9114.80	100000.00	0	0	860.60	63000.00	899.98	0	900.34	802.71	647.28	120 1450.00	9114.80
9119.80	0	0	0	863.00	63000.00	899.43	0	899.87	1022.62	181.48	1380.10	9119.80
9119.80	100000.00	0	0	863.00	63000.00	900.54	0	900.97	716.83	454.17	110 1326.00	9119.80
9120.20	0	895.60	902.60	862.50	63000.00	899.63	0	899.98	1216.30	186.34	1404.64	9120.20
9120.20	100000.00	895.60	902.60	862.50	63000.00	900.78	0	901.10	1016.60	354.47	1371.07	9120.20
9120.60	0	895.60	902.60	862.50	63000.00	899.80	0	900.13	1219.03	183.93	1404.96	9120.60
9120.60	100000.00	895.60	902.60	862.50	63000.00	900.94	0	901.25	1020.42	350.97	1371.40	9120.60
9120.80	0	0	0	862.50	63000.00	899.90	0	900.18	1088.55	195.57	1405.11	9120.80
9120.80	100000.00	0	0	862.50	63000.00	900.98	0	901.28	776.50	591.50	1287 1368.00	9120.80
9130.40	0	0	0	866.60	63000.00	900.74	0	901.03	1297.28	2.01	1299.29	9130.40
9130.40	100000.00	0	0	866.60	63000.00	901.84	0	902.14	921.10	279.06	577 1200.16	9130.40
9150.90	0	0	0	867.20	63000.00	902.23	0	902.39	1269.72	157.58	1427.30	9150.90
9150.90	100000.00	0	0	867.20	63000.00	903.30	0	903.47	1062.01	273.88	1335.89	9150.90
9187.50	0	0	0	868.60	63000.00	904.58	0	904.93	802.15	119.51	921.66	9187.50
9187.50	100000.00	0	0	868.60	63000.00	905.62	0	906.00	564.71	208.55	571 773.26	9187.50

SUMMARY PRINTOUT

YADKIN RIVER 100 YR NATU

SECNO	CMSL	VOL	DEPTH	VCH	QLOB	VLOB	QCH	VCH	QROR	VROR	AREA	SECNO
9026.90	892.60	0	32.00	4.76	10385.02	2.49	35761.74	4.76	16853.24	3.13	17060.30	9026.90
9026.90	893.60	0	33.00	4.87	9210.23	2.79	37880.54	4.87	15909.22	3.16	16103.74	9026.90
9027.50	892.51	18.76	31.81	6.91	17754.25	5.43	36410.26	6.91	8835.49	5.39	10180.68	9027.50
9027.50	893.49	17.79	32.79	6.98	17522.27	5.92	38032.78	6.98	7444.95	5.61	9732.06	9027.50
9028.50	892.89	42.39	32.19	6.73	18090.54	5.36	35925.21	6.73	8984.25	5.32	10405.48	9028.50
9028.50	893.89	40.42	33.19	6.80	17893.83	5.80	37488.80	6.80	7617.37	5.51	9983.04	9028.50
9030.10	893.61	99.45	32.61	4.29	8233.94	2.51	27256.67	4.29	27529.39	2.50	20664.89	9030.10
9030.10	894.64	94.52	33.64	4.38	6423.62	2.85	28745.28	4.38	27831.10	2.61	19472.33	9030.10
9061.20	895.50	1636.86	32.60	4.20	34165.62	2.44	24301.85	4.20	4532.53	1.74	22402.37	9061.20
9061.20	896.52	1537.92	33.62	4.28	35129.40	2.57	25600.03	4.28	2270.57	1.75	20961.57	9061.20
9087.80	897.12	3037.22	34.62	4.08	16418.43	2.14	27306.57	4.08	19275.00	2.12	23461.94	9087.80
9087.80	898.13	2843.77	35.63	4.17	15405.04	2.25	28914.74	4.17	18680.22	2.33	21807.42	9087.80
9100.00	897.84	3711.54	35.34	4.03	15806.75	1.94	27635.58	4.03	19557.68	2.02	24691.34	9100.00
9100.00	898.85	3471.42	36.35	4.11	14751.64	2.03	29199.94	4.11	19048.42	2.20	23013.00	9100.00
9113.00	898.70	4341.55	36.40	5.73	24832.03	2.36	36698.66	5.73	1469.31	2.40	17529.00	9113.00
9113.00	899.74	4051.48	37.44	5.68	25425.43	2.75	37574.57	5.68	0	0	15859.91	9113.00
9113.60	898.82	4365.62	35.22	5.32	26790.25	2.58	35034.50	5.32	1175.24	2.48	17420.46	9113.60
9113.60	899.86	4073.51	36.26	5.31	26944.77	2.89	36055.23	5.31	0	0	16122.66	9113.60
9114.00	898.87	4381.65	35.27	5.31	26855.68	2.58	34967.18	5.31	1177.14	2.47	17478.18	9114.00
9114.00	899.92	4088.34	36.32	5.29	27011.40	2.88	35988.56	5.29	0	0	16173.45	9114.00
9114.80	898.93	4413.09	38.33	5.75	24271.79	2.47	38098.17	5.75	630.04	1.98	16763.35	9114.80
9114.80	899.98	4117.26	39.38	5.72	23946.88	2.82	39053.12	5.72	0	0	15327.83	9114.80
9119.80	899.43	4595.44	36.43	6.63	25207.54	2.84	35388.69	6.63	2403.76	3.04	15009.68	9119.80
9119.80	900.54	4284.33	37.54	6.42	27566.38	3.34	35433.62	6.42	0	0	13781.66	9119.80
9120.20	899.63	4608.86	37.13	5.52	29796.44	3.65	30301.43	5.52	2902.12	5.13	14223.71	9120.20
9120.20	900.76	4297.25	38.28	5.15	33295.13	3.90	28490.32	5.15	1214.55	4.10	14363.96	9120.20
9120.60	899.80	4622.00	37.30	5.48	29983.72	3.60	30080.47	5.48	2935.81	5.12	14395.71	9120.60
9120.60	900.94	4310.52	38.44	5.03	33953.61	3.91	27806.30	5.03	1240.09	4.09	14530.51	9120.60
9120.80	899.90	4629.30	37.40	5.24	27354.07	2.64	35001.98	5.24	643.94	1.99	17380.19	9120.80
9120.80	900.98	4317.50	38.48	5.22	26859.31	2.99	36140.69	5.22	0	0	15897.29	9120.80
9130.40	900.74	5019.41	34.10	5.15	10635.36	1.87	36500.44	5.15	15864.20	3.03	18022.60	9130.40
9130.40	901.84	4677.01	35.24	5.19	9860.63	2.07	38092.31	5.19	15047.06	3.25	16734.72	9130.40
9150.90	902.23	5959.10	35.03	4.15	8739.01	2.43	25182.07	4.15	29078.91	2.37	21911.71	9150.90
9150.90	903.30	5564.13	36.10	4.21	6901.98	2.66	26385.14	4.21	29712.87	2.45	20962.66	9150.90
9187.50	904.58	7495.75	35.98	5.58	15639.81	3.40	36440.33	5.58	10919.85	3.09	14665.81	9187.50
9187.50	905.62	7017.58	37.02	5.68	14834.11	3.61	38242.69	5.68	9923.21	3.56	13634.01	9187.50

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIBUTARY D-1 500 YR 0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	DEPTH	TQ	TOPWID	STENCL	STENCR	VCH
2,20	0.	0.	0.	933.70	230.00	937.56	3.86	16.67	07.97	0.	0.	0.41
2,20	0.	0.	0.	933.70	430.00	938.37	4.67	31.10	62.33	0.	0.	5.07
2,20	0.	0.	0.	933.70	550.00	938.75	5.05	39.87	69.06	0.	0.	5.35
2,20	0.	0.	0.	933.70	810.00	939.43	5.73	59.07	83.83	0.	0.	5.81
2,70	50.00	0.	0.	936.10	230.00	939.13	3.03	5.92	9.00	0.	0.	9.41
2,70	50.00	0.	0.	936.10	430.00	940.56	4.46	11.11	9.00	0.	0.	11.54
2,70	50.00	0.	0.	936.10	550.00	941.27	5.17	14.01	9.00	0.	0.	12.58
2,70	50.00	0.	0.	936.10	810.00	942.73	6.63	20.29	9.00	0.	0.	14.27
3,20	50.00	958.20	941.10	937.60	230.00	952.45	14.85	56.32	9.00	0.	0.	1.85
3,20	50.00	958.20	941.10	937.60	430.00	959.69	22.09	2568.50	226.71	0.	0.	0.16
3,20	50.00	958.20	941.10	937.60	550.00	960.02	22.42	2658.21	227.90	0.	0.	0.20
3,20	50.00	958.20	941.10	937.60	810.00	960.57	22.97	2814.91	229.17	0.	0.	0.29
3,50	30.00	0.	0.	938.60	230.00	952.52	13.92	851.09	157.82	0.	0.	0.19
3,50	30.00	0.	0.	938.60	430.00	959.69	21.09	2302.82	202.16	0.	0.	0.17
3,50	30.00	0.	0.	938.60	550.00	960.02	21.42	2388.26	207.23	0.	0.	0.22
3,50	30.00	0.	0.	938.60	810.00	960.57	21.97	2534.22	222.64	0.	0.	0.31
5,50	200.00	0.	0.	942.80	230.00	952.52	9.72	331.00	136.94	0.	0.	0.37
5,50	200.00	0.	0.	942.80	430.00	959.69	16.89	1365.96	174.17	0.	0.	0.25
5,50	200.00	0.	0.	942.80	550.00	960.02	17.22	1430.97	176.01	0.	0.	0.31
5,50	200.00	0.	0.	942.80	810.00	960.57	17.77	1542.24	179.05	0.	0.	0.44
7,40	190.00	0.	0.	946.90	230.00	952.53	5.63	42.56	68.40	0.	0.	2.11
7,40	190.00	0.	0.	946.90	430.00	959.69	12.79	566.85	154.89	0.	0.	0.53
7,40	190.00	0.	0.	946.90	550.00	960.02	13.12	609.73	156.01	0.	0.	0.64
7,40	190.00	0.	0.	946.90	810.00	960.58	13.68	684.39	157.87	0.	0.	0.87
8,00	60.00	0.	0.	949.10	230.00	952.79	3.69	11.79	32.86	0.	0.	5.56
8,00	60.00	0.	0.	949.10	430.00	959.69	10.59	324.68	141.44	0.	0.	0.81
8,00	60.00	0.	0.	949.10	550.00	960.03	10.93	356.89	143.67	0.	0.	0.97
8,00	60.00	0.	0.	949.10	810.00	960.59	11.49	414.04	147.39	0.	0.	1.27
9,00	100.00	0.	0.	952.75	230.00	956.49	3.74	12.22	33.70	0.	0.	5.42
9,00	100.00	0.	0.	952.75	430.00	959.72	6.97	85.63	91.44	0.	0.	2.29
9,00	100.00	0.	0.	952.75	550.00	960.06	7.31	100.28	97.03	0.	0.	2.59
9,00	100.00	0.	0.	952.75	810.00	960.64	7.89	128.95	106.68	0.	0.	3.13
10,00	100.00	0.	0.	956.50	230.00	959.96	3.46	12.81	42.98	0.	0.	4.77
10,00	100.00	0.	0.	956.50	430.00	960.15	3.65	15.34	44.00	0.	0.	7.82
10,00	100.00	0.	0.	956.50	550.00	960.53	4.03	23.81	45.93	0.	0.	8.01
10,00	100.00	0.	0.	956.50	810.00	961.27	4.77	34.48	49.83	0.	0.	8.19
11,00	100.00	0.	0.	960.15	230.00	963.50	3.35	11.55	41.68	0.	0.	5.14
11,00	100.00	0.	0.	960.15	430.00	964.61	4.46	28.44	48.23	0.	0.	4.99
11,00	100.00	0.	0.	960.15	550.00	964.94	4.79	35.11	49.99	0.	0.	5.49
11,00	100.00	0.	0.	960.15	810.00	965.52	5.37	48.01	52.98	0.	0.	6.47

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	DEPTH	TU	TOPWID	STENCL	STENCR	VCH
12.00	100.00	0.	0.	963.80	230.00	967.23	3.43	12.43	42.81	0.	0.	4.88
12.00	100.00	0.	0.	963.80	430.00	967.73	3.93	19.40	45.46	0.	0.	6.59
12.00	100.00	0.	0.	963.80	550.00	968.11	4.31	25.68	47.44	0.	0.	5.87
12.00	100.00	0.	0.	963.80	810.00	968.83	5.03	40.05	51.19	0.	0.	7.36
12.50	50.00	0.	0.	965.63	230.00	969.01	3.38	11.87	42.26	0.	0.	5.04
12.50	50.00	0.	0.	965.63	430.00	969.86	4.23	24.31	47.03	0.	0.	5.59
12.50	50.00	0.	0.	965.63	550.00	970.20	4.57	30.39	48.77	0.	0.	6.09
12.50	50.00	0.	0.	965.63	810.00	970.81	5.18	43.24	51.93	0.	0.	6.97
14.00	150.00	0.	0.	967.73	230.00	971.89	4.16	23.04	46.64	0.	0.	3.11
14.00	150.00	0.	0.	967.73	430.00	972.77	5.04	40.38	51.27	0.	0.	3.88
14.00	150.00	0.	0.	967.73	550.00	973.22	5.49	51.18	53.64	0.	0.	4.20
14.00	150.00	0.	0.	967.73	810.00	974.05	6.32	74.24	57.99	0.	0.	4.75
16.00	200.00	0.	0.	970.40	230.00	974.40	4.00	17.93	47.23	0.	0.	3.56
16.00	200.00	0.	0.	970.40	430.00	975.35	4.95	35.21	52.71	0.	0.	3.85
16.00	200.00	0.	0.	970.40	550.00	975.80	5.40	45.83	57.94	0.	0.	4.07
16.00	200.00	0.	0.	970.40	810.00	976.62	6.22	69.29	67.60	0.	0.	4.45
18.00	200.00	0.	0.	973.20	230.00	977.35	4.15	10.12	47.99	0.	0.	3.24
18.00	200.00	0.	0.	973.20	430.00	978.22	5.02	36.72	53.48	0.	0.	3.73
18.00	200.00	0.	0.	973.20	550.00	978.64	5.44	46.62	58.30	0.	0.	4.02
18.00	200.00	0.	0.	973.20	810.00	979.39	6.19	68.27	67.23	0.	0.	4.50
20.20	220.00	0.	0.	976.40	230.00	980.45	4.05	18.60	47.47	0.	0.	3.45
20.20	220.00	0.	0.	976.40	430.00	981.36	4.96	35.27	52.74	0.	0.	3.84
20.20	220.00	0.	0.	976.40	550.00	981.78	5.38	45.29	57.68	0.	0.	4.10
20.20	220.00	0.	0.	976.40	810.00	982.55	6.15	66.89	66.71	0.	0.	4.56
22.00	180.00	0.	0.	979.60	230.00	983.51	3.91	16.58	46.73	0.	0.	3.79
22.00	180.00	0.	0.	979.60	430.00	984.36	4.76	31.13	51.30	0.	0.	4.24
22.00	180.00	0.	0.	979.60	550.00	984.76	5.16	39.91	55.09	0.	0.	4.50
22.00	180.00	0.	0.	979.60	810.00	985.49	5.89	59.27	63.74	0.	0.	4.98
24.00	200.00	0.	0.	983.20	230.00	987.18	3.98	17.07	47.06	0.	0.	3.63
24.00	200.00	0.	0.	983.20	430.00	988.03	4.83	32.51	51.67	0.	0.	4.09
24.00	200.00	0.	0.	983.20	550.00	988.43	5.23	41.50	55.88	0.	0.	4.37
24.00	200.00	0.	0.	983.20	810.00	989.15	5.95	60.77	64.34	0.	0.	4.89
25.60	160.00	0.	0.	986.10	230.00	990.38	4.28	15.02	61.98	0.	0.	3.88
25.60	160.00	0.	0.	986.10	430.00	991.13	5.03	29.46	79.14	0.	0.	4.26
25.60	160.00	0.	0.	986.10	550.00	991.49	5.39	38.69	87.43	0.	0.	4.40
25.60	160.00	0.	0.	986.10	810.00	992.13	6.03	60.12	97.52	0.	0.	4.57
26.00	40.00	0.	0.	986.10	230.00	991.43	5.33	10.96	9.00	0.	0.	6.04
26.00	40.00	0.	0.	986.10	430.00	992.08	5.98	13.56	9.00	0.	0.	9.77
26.00	40.00	0.	0.	986.10	550.00	992.17	6.07	13.91	9.00	0.	0.	12.29
26.00	40.00	0.	0.	986.10	810.00	993.47	7.37	19.49	9.00	0.	0.	14.33

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	DEPTH	TQ	TOPWID	STENCL	STENCR	VCH
26.50	50.00	1004.70	994.20	991.20	230.00	1005.60	14.40	738.29	172.57	0.	0.	0.22
26.50	50.00	1004.70	994.20	991.20	430.00	1006.34	15.14	855.07	179.26	0.	0.	0.38
26.50	50.00	1004.70	994.20	991.20	550.00	1006.63	15.43	902.25	181.82	0.	0.	0.46
26.50	50.00	1004.70	994.20	991.20	810.00	1007.13	15.93	989.14	186.37	0.	0.	0.64
28.00	150.00	0.	0.	994.10	170.00	1005.60	11.50	376.13	105.70	0.	0.	0.27
28.00	150.00	0.	0.	994.10	320.00	1006.35	12.25	455.39	152.82	0.	0.	0.45
28.00	150.00	0.	0.	994.10	410.00	1006.64	12.54	487.96	155.55	0.	0.	0.54
28.00	150.00	0.	0.	994.10	600.00	1007.15	13.05	548.85	160.41	0.	0.	0.73
29.50	150.00	0.	0.	997.00	170.00	1005.61	8.61	151.34	110.35	0.	0.	0.54
29.50	150.00	0.	0.	997.00	320.00	1006.36	9.36	197.26	120.93	0.	0.	0.83
29.50	150.00	0.	0.	997.00	410.00	1006.65	9.65	216.88	125.01	0.	0.	1.00
29.50	150.00	0.	0.	997.00	600.00	1007.17	10.17	255.22	132.39	0.	0.	1.29
31.00	150.00	0.	0.	1000.80	170.00	1005.64	4.84	39.21	69.98	0.	0.	1.51
31.00	150.00	0.	0.	1000.80	320.00	1006.43	5.63	62.85	82.69	0.	0.	1.99
31.00	150.00	0.	0.	1000.80	410.00	1006.75	5.95	74.17	87.78	0.	0.	2.26
31.00	150.00	0.	0.	1000.80	600.00	1007.32	6.52	97.35	96.93	0.	0.	2.70
32.00	100.00	0.	0.	1002.50	170.00	1006.01	3.51	13.19	48.15	0.	0.	3.43
32.00	100.00	0.	0.	1002.50	320.00	1006.88	4.38	28.28	62.55	0.	0.	3.62
32.00	100.00	0.	0.	1002.50	410.00	1007.25	4.75	36.81	68.46	0.	0.	3.81
32.00	100.00	0.	0.	1002.50	600.00	1007.89	5.39	54.89	78.78	0.	0.	4.14
33.00	100.00	0.	0.	1004.20	170.00	1007.70	3.50	12.97	47.74	0.	0.	3.47
33.00	100.00	0.	0.	1004.20	320.00	1008.36	4.16	23.91	59.13	0.	0.	4.11
33.00	100.00	0.	0.	1004.20	410.00	1008.70	4.50	30.78	64.38	0.	0.	4.36
33.00	100.00	0.	0.	1004.20	600.00	1009.29	5.09	45.66	73.81	0.	0.	4.74
34.00	100.00	0.	0.	1005.90	170.00	1009.40	3.50	13.12	48.02	0.	0.	3.44
34.00	100.00	0.	0.	1005.90	320.00	1010.10	4.20	24.76	59.82	0.	0.	4.01
34.00	100.00	0.	0.	1005.90	410.00	1010.43	4.53	31.68	65.02	0.	0.	4.26
34.00	100.00	0.	0.	1005.90	600.00	1011.00	5.10	46.16	74.09	0.	0.	4.71
35.00	100.00	0.	0.	1007.60	170.00	1011.10	3.50	12.95	47.69	0.	0.	3.48
35.00	100.00	0.	0.	1007.60	320.00	1011.80	4.20	24.37	59.51	0.	0.	4.06
35.00	100.00	0.	0.	1007.60	410.00	1012.12	4.52	31.36	64.79	0.	0.	4.30
35.00	100.00	0.	0.	1007.60	600.00	1012.69	5.09	46.04	74.03	0.	0.	4.71
37.00	200.00	0.	0.	1011.30	170.00	1015.06	3.76	11.06	44.43	0.	0.	3.98
37.00	200.00	0.	0.	1011.30	320.00	1016.15	4.85	18.02	39.91	0.	0.	5.26
37.00	200.00	0.	0.	1011.30	410.00	1016.55	5.25	22.40	56.53	0.	0.	5.76
37.00	200.00	0.	0.	1011.30	600.00	1017.13	5.83	33.27	75.12	0.	0.	6.31

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH N	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
2.200	230,000	937.558	0.	0.	0.	47.965	0.	0.
2.200	430,000	938.373	0.815	0.	0.	62.329	-14.364	0.
2.200	550,000	938.755	0.382	0.	0.	69.058	-21.093	0.
2.200	810,000	939.429	0.674	0.	0.	83.825	-35.860	0.
2.700	230,000	939.131	0.	1.574	0.	9.000	0.	50,000
2.700	430,000	940.556	1.425	2.183	0.	9.000	0.	50,000
2.700	550,000	941.274	0.718	2.519	0.	9.000	0.	50,000
2.700	810,000	942.725	1.451	3.297	0.	9.000	0.	50,000
3.200	230,000	952.448	0.	13.317	0.	9.000	0.	50,000
3.200	430,000	959.686	7.239	19.131	0.	226.714	-217.714	50,000
3.200	550,000	960.018	0.332	18.744	0.	227.899	-218.899	50,000

3,200	810,000	960,568	0,550	17,843	0.	229,166	-220,166	50,000
3,500	230,000	952,817	0.	0,069	0.	157,815	0.	30,000
3,500	430,000	959,687	7,170	0,000	0.	202,157	-44,341	30,000
3,500	550,000	960,018	0,332	0,000	0.	207,230	-49,414	30,000
3,500	810,000	960,568	0,550	0,000	0.	222,638	-64,823	30,000
5,500	230,000	952,519	0.	0,002	0.	136,939	0.	200,000
5,500	430,000	959,687	7,168	0,001	0.	174,169	-37,230	200,000
5,500	550,000	960,019	0,332	0,001	0.	176,005	-39,066	200,000
5,500	810,000	960,571	0,551	0,003	0.	179,053	-42,114	200,000
7,400	230,000	952,526	0.	0,007	0.	68,404	0.	190,000
7,400	430,000	959,690	7,164	0,003	0.	154,887	-86,483	190,000
7,400	550,000	960,023	0,333	0,004	0.	156,009	-87,605	190,000
7,400	810,000	960,578	0,555	0,007	0.	157,875	-89,470	190,000
8,000	230,000	952,786	0.	0,260	0.	33,857	0.	60,000
8,000	430,000	959,694	6,908	0,004	0.	141,436	-108,579	60,000
8,000	550,000	960,029	0,335	0,005	0.	143,672	-110,815	60,000
8,000	810,000	960,587	0,558	0,009	0.	147,304	-114,537	60,000
9,000	230,000	956,486	0.	3,700	0.	33,698	0.	100,000
9,000	430,000	959,716	3,230	0,022	0.	91,401	-57,743	100,000
9,000	550,000	960,059	0,343	0,031	0.	97,030	-63,331	100,000
9,000	810,000	960,638	0,578	0,051	0.	106,683	-72,985	100,000
10,000	230,000	959,959	0.	3,473	0.	42,976	0.	100,000
10,000	430,000	960,154	0,195	0,438	0.	43,498	-1,022	100,000
10,000	550,000	960,531	0,377	0,471	0.	45,932	-2,957	100,000
10,000	810,000	961,271	0,740	0,633	0.	49,834	-6,858	100,000
11,000	230,000	963,498	0.	3,539	0.	41,683	0.	100,000
11,000	430,000	964,612	1,113	4,458	0.	48,232	-6,549	100,000
11,000	550,000	964,940	0,329	4,409	0.	49,993	-8,310	100,000
11,000	810,000	965,516	0,576	4,245	0.	52,977	-11,294	100,000
12,000	230,000	967,228	0.	3,730	0.	42,812	0.	100,000
12,000	430,000	967,729	0,500	3,117	0.	45,461	-2,649	100,000
12,000	550,000	968,111	0,383	3,171	0.	47,441	-4,629	100,000
12,000	810,000	968,827	0,716	3,312	0.	51,191	-8,380	100,000
12,500	230,000	969,008	0.	1,780	0.	42,261	0.	50,000
12,500	430,000	969,861	0,853	2,133	0.	47,034	-4,772	50,000
12,500	550,000	970,196	0,335	2,085	0.	48,767	-6,506	50,000
12,500	810,000	970,805	0,609	1,978	0.	51,926	-9,665	50,000
14,000	230,000	971,888	0.	2,879	0.	46,644	0.	150,000
14,000	430,000	972,766	0,878	2,904	0.	51,268	-4,625	150,000
14,000	550,000	973,224	0,458	3,028	0.	53,644	-7,000	150,000
14,000	810,000	974,054	0,830	3,249	0.	57,985	-11,341	150,000
16,000	230,000	974,396	0.	2,508	0.	47,229	0.	200,000
16,000	430,000	975,353	0,958	2,588	0.	52,705	-5,477	200,000
16,000	550,000	975,797	0,444	2,574	0.	57,936	-10,707	200,000
16,000	810,000	976,619	0,821	2,564	0.	67,602	-20,373	200,000
18,000	230,000	977,350	0.	2,954	0.	47,989	0.	200,000
18,000	430,000	978,225	0,875	2,872	0.	53,483	-5,494	200,000
18,000	550,000	978,635	0,410	2,838	0.	58,302	-10,312	200,000
18,000	810,000	979,390	0,754	2,771	0.	67,226	-19,237	200,000
20,200	230,000	980,447	0.	3,098	0.	47,467	0.	220,000
20,200	430,000	981,359	0,912	3,134	0.	52,737	-5,270	220,000
20,200	550,000	981,783	0,424	3,148	0.	57,685	-10,218	220,000
20,200	810,000	982,546	0,764	3,157	0.	66,707	-19,240	220,000

22,000	230,000	983,511	0.	3,064	0.	46,735	0.	180,000
22,000	430,000	984,361	0.849	3,001	0.	51,303	-4,568	180,000
22,000	550,000	984,764	0.403	2,981	0.	55,092	-8,358	180,000
22,000	810,000	985,490	0.726	2,944	0.	63,740	-17,006	180,000
24,000	230,000	987,178	0.	3,667	0.	47,033	0.	200,000
24,000	430,000	988,029	0.851	3,669	0.	51,672	-4,604	200,000
24,000	550,000	988,431	0.402	3,667	0.	55,878	-8,815	200,000
24,000	810,000	989,147	0.716	3,657	0.	64,539	-17,275	200,000
25,600	230,000	990,379	0.	3,201	0.	61,975	0.	160,000
25,600	430,000	991,132	0.753	3,103	0.	79,142	-17,166	160,000
25,600	550,000	991,492	0.360	3,061	0.	87,434	-25,459	160,000
25,600	810,000	992,128	0.636	2,981	0.	97,520	-15,544	160,000
26,000	230,000	991,429	0.	1,049	0.	9,000	0.	40,000
26,000	430,000	992,081	0.653	0,949	0.	9,000	0.	40,000
26,000	550,000	992,167	0.086	0,675	0.	9,000	0.	40,000
26,000	810,000	993,474	1.307	1,347	0.	9,000	0.	40,000
26,500	230,000	1005,599	0.	14,170	0.	172,574	0.	50,000
26,500	430,000	1006,344	0.745	14,262	0.	179,256	-6,682	50,000
26,500	550,000	1006,629	0.285	14,462	0.	181,820	-9,246	50,000
26,500	810,000	1007,135	0.505	13,660	0.	186,367	-13,793	50,000
28,000	170,000	1005,600	0.	0,002	0.	145,702	0.	150,000
28,000	320,000	1006,348	0.748	0,005	0.	152,822	-7,120	150,000
28,000	410,000	1006,636	0.288	0,007	0.	155,554	-9,852	150,000
28,000	600,000	1007,147	0.511	0,012	0.	160,411	-14,709	150,000
29,500	170,000	1005,606	0.	0,005	0.	110,349	0.	150,000
29,500	320,000	1006,360	0.755	0,012	0.	120,931	-10,582	150,000
29,500	410,000	1006,653	0.292	0,017	0.	125,009	-14,660	150,000
29,500	600,000	1007,174	0.522	0,028	0.	132,390	-22,041	150,000
31,000	170,000	1005,643	0.	0,037	0.	69,977	0.	150,000
31,000	320,000	1006,434	0.791	0,074	0.	82,691	-12,715	150,000
31,000	410,000	1006,751	0.317	0,098	0.	87,780	-17,803	150,000
31,000	600,000	1007,320	0.569	0,145	0.	96,926	-26,950	150,000
32,000	170,000	1006,013	0.	0,370	0.	48,154	0.	100,000
32,000	320,000	1006,879	0.866	0,445	0.	62,552	-14,399	100,000
32,000	410,000	1007,247	0.368	0,496	0.	68,461	-20,308	100,000
32,000	600,000	1007,890	0.643	0,570	0.	78,780	-30,627	100,000
33,000	170,000	1007,700	0.	1,687	0.	47,743	0.	100,000
33,000	320,000	1006,363	0.663	1,484	0.	59,129	-11,387	100,000
33,000	410,000	1008,695	0.333	1,448	0.	64,378	-16,636	100,000
33,000	600,000	1009,286	0.590	1,396	0.	73,806	-26,064	100,000
34,000	170,000	1009,401	0.	1,701	0.	48,017	0.	100,000
34,000	320,000	1010,104	0.703	1,741	0.	59,816	-11,799	100,000
34,000	410,000	1010,430	0.326	1,734	0.	65,017	-17,000	100,000
34,000	600,000	1010,999	0.569	1,713	0.	74,091	-26,075	100,000
35,000	170,000	1011,101	0.	1,700	0.	47,694	0.	100,000
35,000	320,000	1011,798	0.697	1,695	0.	59,507	-11,812	100,000
35,000	410,000	1012,120	0.322	1,690	0.	64,788	-17,094	100,000
35,000	600,000	1012,693	0.573	1,694	0.	74,025	-26,331	100,000
37,000	170,000	1015,055	0.	3,954	0.	14,435	0.	200,000
37,000	320,000	1016,150	1.094	4,351	0.	39,906	-23,471	200,000
37,000	410,000	1016,549	0.099	4,429	0.	56,525	-42,091	200,000
37,000	600,000	1017,134	0.585	4,442	0.	75,118	-60,683	200,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	5.185	0.
2	0.	0.	6.761	1.576
3	0.	0.	7.094	1.909
4	0.	0.	7.683	2.498

HEC2 VERSION UPDATED AUG 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
MODIFICATIONS 52,53,54,55,56,57,58,59

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S*S EOJ DATE 12-14-76 TIME 14.626 ID = K2 C8C1TC

 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY D=1

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	2.	0.	0.	0,019000	0.	0.	0.	938,000	0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1,000	0.	-1,000	0.	0.	0.	0.	0.	0.	0.
J3	1,000	8,000	34,000	4,000	27,000	28,000	26,000	0.	0.	0.
NC	0,100	0,100	0,100	10,300	0,500	0.	0.	0.	0.	0.
QT	5,000	230,000	430,000	550,000	550,000	810,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	10,400	0.	0.	0.	0.	0.
X1	2,200	15,000	158,000	167,000	0.	0.	0.	0.	0.	0.
GR	970,100	0.	950,900	50,000	984,400	100,000	947,700	107,000	941,900	120,000
GR	939,100	150,000	934,900	158,000	933,800	159,000	933,700	161,000	933,800	165,000
GR	935,500	167,000	937,500	200,000	939,600	233,000	948,800	250,000	954,500	260,000
X1	2,700	0.	0.	0.	50,000	50,000	50,000	0.	2,400	0.
X3	10,000	0.	0.	0.	0.	0.	0.	958,000	958,000	0.
SB	0.	1,500	2,500	0.	2,700	0.	9,600	0.	937,600	936,100
X1	3,200	18,000	165,000	174,000	50,000	50,000	50,000	0.	-1,000	0.
X2	0.	0.	1,000	941,100	958,200	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	959,000	959,000	0.
BT	13,000	0.	959,800	0.	50,000	958,600	0.	100,000	959,000	0.
BT	150,000	961,700	0.	165,000	963,000	0.	168,200	963,200	939,400	160,600
BT	963,200	940,600	170,000	463,200	941,100	171,500	963,200	940,600	171,800	963,200
BT	939,400	189,000	965,500	0.	200,000	966,900	0.	232,000	971,300	0.
GR	960,700	0.	960,200	16,000	959,200	29,000	952,700	50,000	946,600	67,000
GR	944,800	100,000	941,200	150,000	940,000	165,000	939,500	167,000	940,400	168,200
GR	939,200	168,600	938,600	170,000	939,200	171,500	940,400	171,800	939,900	174,000
GR	941,400	169,000	948,900	200,000	962,800	232,000	0.	0.	0.	0.
X1	3,500	0.	0.	0.	30,000	30,000	30,000	0.	1,000	0.
X1	5,500	0.	0.	0.	200,000	200,000	200,000	0.	4,200	0.
X1	7,400	14,000	164,000	173,000	190,000	190,000	190,000	0.	0.	0.
GR	966,700	0.	966,600	11,000	965,900	25,000	959,300	36,000	956,500	50,000
GR	953,100	100,000	950,100	150,000	948,400	164,000	947,100	165,000	946,900	169,000
GR	947,100	171,000	949,600	173,000	965,400	200,000	971,400	215,000	0.	0.

X1	8,000	0.	0.	0.	80,000	80,000	80,000	0.	2,200	0.
X1	9,000	0.	0.	0.	100,000	100,000	100,000	0.	3,650	0.
X1	10,000	10,000	41,000	55,000	100,000	100,000	100,000	0.	-9,100	0.
GR	980,200	0.	967,900	41,000	966,100	42,000	965,600	44,000	966,100	47,000
GR	956,600	50,000	967,400	55,000	969,000	80,000	979,500	100,000	990,400	120,000
X1	11,000	0.	0.	0.	100,000	100,000	100,000	0.	3,650	0.
X1	12,000	0.	0.	0.	100,000	100,000	100,000	0.	3,650	0.
X1	12,500	0.	0.	0.	50,000	50,000	50,000	0.	1,830	0.
X1	14,000	0.	0.	0.	150,000	150,000	150,000	0.	2,100	0.
X1	16,000	12,000	97,000	108,000	200,000	200,000	200,000	0.	-6,000	0.
GR	996,100	0.	988,300	50,000	981,300	97,000	976,900	100,000	976,400	103,000
GR	976,900	106,000	978,200	108,000	979,800	142,000	981,500	150,000	986,800	177,000
GR	989,400	200,000	999,500	230,000	0.	0.	0.	0.	0.	0.
X1	18,000	0.	0.	0.	200,000	200,000	200,000	0.	2,800	0.
X1	20,200	0.	0.	0.	220,000	220,000	220,000	0.	3,200	0.
X1	22,000	0.	0.	0.	180,000	180,000	180,000	0.	3,200	0.
X1	24,000	0.	0.	0.	200,000	200,000	200,000	0.	3,600	0.
X1	25,600	13,000	167,000	176,000	160,000	160,000	160,000	0.	0.	0.
GR	1012,400	0.	1004,000	50,000	996,900	100,000	991,800	150,000	989,900	167,000
GR	986,200	170,000	986,100	172,000	986,200	174,000	989,800	176,000	988,600	200,000
GR	991,700	243,000	994,000	250,000	1008,900	284,000	0.	0.	0.	0.
X1	26,000	0.	0.	0.	40,000	40,000	40,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	1006,000	1006,000	0.
SB	0.	1,500	2,500	0.	2,400	0.	7,100	0.	991,200	986,100
X1	26,500	14,000	130,000	141,000	50,000	50,000	50,000	0.	0.	0.
X2	0.	0.	1,000	994,200	1004,700	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	1005,500	1005,500	0.
H7	12,000	0.	1010,000	0.	50,000	1006,300	0.	100,000	1004,900	0.
BT	130,000	1005,000	0.	135,500	1005,400	992,700	135,800	1005,400	994,000	137,000
BT	1005,400	994,200	133,200	1005,400	994,000	138,500	1005,400	992,700	150,000	1005,600
BT	0.	200,000	1009,300	0.	250,000	1015,000	0.	0.	0.	0.
GR	1014,300	0.	1001,500	50,000	995,600	100,000	994,400	130,000	992,700	135,500
GR	991,600	135,800	991,200	137,000	991,600	138,200	992,700	138,500	993,300	141,000
GR	995,400	150,000	1004,300	200,000	1014,200	250,000	1018,300	283,000	0.	0.
DT	5,000	170,000	320,000	410,000	410,000	600,000	0.	0.	0.	0.
X1	28,000	0.	0.	0.	150,000	150,000	150,000	0.	2,900	0.

 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS S2,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY D-1 90 YR Q

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	PO
	0.	3.	0.	0.	0.019000	0.	0.	0.	939.000	0.
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY D=1 100 YR D

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	0.	0.	0.	0.019000	0.	0.	0.	940,000	0.
J2	NPROF	IPLOT	PRFVS	XSECV	XBECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3,000	0.	-1,000	0.	0.	0.	0.	0.	0.	0.

 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY D=1500 YR Q

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	6.	0.	0.	0.019000	0.	0.	0.	941,000	0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.	-1.000	0.	100.	0.	0.	0.	0.	0.

HEC2 VERSION UPDATED AUG 1976

ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10

MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
T2 FLOOD INSURANCE STUDY
T3 YADKIN RIVER 10 YR D

J1 ICHECK INQ NINVA IDIP STRY METRIC HVINS Q WSEL FG

0. 2. 0. 0. 0.000800 0. 0. 0. 110.500 0.

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC ISW CRNID ITRACE

1.000 0. -1.000 5.000 100.000 0. 0. 0. 0. 0.

NC 0.090 0.090 0.080 0.300 0.500 0. 0. 0. 0. 0.
QT 5.000 27000.000 49000.000 63000.000 63000.000 115000.000 0. 0. 0. 0.
ET 0. 0. 0. 0. 10.400 0. 0. 0. 0. 0.

X1 9026.900 60.000 506.000 771.000 0. 0. 0. 0. 0. 0.
GR 929.200 0. 918.200 50.000 899.300 96.000 899.200 100.000 899.600 113.000
GR 899.200 125.000 887.500 143.000 889.700 150.000 889.700 153.000 888.300 163.000
GR 888.500 167.000 887.300 173.000 886.300 193.000 885.800 200.000 882.300 250.000
GR 881.600 300.000 878.600 350.000 878.800 362.000 880.900 370.000 878.300 400.000
GR 877.000 450.000 877.000 500.000 877.500 506.000 865.900 525.000 863.000 533.000
GR 862.800 545.000 863.100 555.000 863.200 565.000 863.600 575.000 863.600 585.000
GR 863.500 595.000 863.400 605.000 863.100 615.000 862.500 625.000 862.100 635.000
GR 862.000 645.000 862.000 655.000 862.300 665.000 862.800 675.000 862.600 685.000
GR 862.600 695.000 862.300 705.000 862.000 715.000 861.500 725.000 860.600 735.000
GR 861.300 745.000 866.000 751.000 874.800 757.000 876.000 763.000 879.800 771.000
GR 879.900 800.000 876.700 830.000 873.500 900.000 872.900 950.000 872.700 1000.000
GR 873.200 1050.000 873.200 1060.000 879.900 1067.000 895.200 1100.000 915.500 1135.000

X1 9027.500 89.000 626.000 812.000 60.000 60.000 60.000 0. 0. 0.
BT 13.000 210.000 922.000 924.000 258.000 926.700 922.800 330.000 925.000 921.000
BT 374.000 923.800 919.900 421.000 922.500 918.800 492.000 920.900 917.000 562.000
BT 919.000 915.300 632.000 917.400 913.500 703.000 915.600 911.700 773.000 914.100
BT 910.100 843.000 912.900 908.900 914.000 912.000 908.000 979.000 911.300 907.800
GR 933.000 0. 930.700 100.000 927.800 210.000 923.200 211.000 907.000 257.000
GR 922.800 258.000 922.800 260.000 906.700 261.000 899.800 293.000 892.500 303.000
GR 893.500 309.000 894.500 318.000 894.900 326.000 921.000 327.000 921.000 329.000
GR 894.900 330.000 894.300 337.000 888.400 345.000 890.100 346.000 890.200 350.000
GR 885.400 373.000 920.000 374.000 920.000 376.000 885.300 377.000 882.200 400.000
GR 881.500 420.000 918.700 421.000 918.700 423.000 881.300 424.000 880.100 460.000
GR 876.700 491.000 917.000 492.000 917.000 494.000 878.600 495.000 878.000 510.000
GR 876.900 561.000 915.200 562.000 915.200 564.000 876.900 565.000 879.000 610.000
GR 875.800 626.000 875.700 631.000 913.500 632.000 913.500 634.000 875.700 635.000
GR 866.100 644.000 861.600 654.000 861.300 664.000 861.800 674.000 861.800 684.000
GR 861.400 694.000 861.300 702.000 911.700 703.000 911.700 705.000 861.300 706.000
GR 861.900 714.000 861.700 724.000 861.500 734.000 861.100 744.000 861.300 754.000
GR 860.900 764.000 860.900 772.000 910.100 773.000 910.100 775.000 860.900 776.000
GR 860.700 784.000 861.000 794.000 860.900 804.000 860.100 812.000 875.900 823.000
GR 877.800 842.000 908.900 843.000 908.900 845.000 877.800 846.000 879.100 860.000
GR 881.300 910.000 881.700 913.000 908.000 914.000 908.000 915.000 881.700 916.000
GR 883.700 935.000 899.600 960.000 907.100 978.000 911.500 979.000 911.500 1000.000

GR	911.400	1050.000	911.500	1100.000	911.800	1150.000	912.500	1200.000	0.0
X1	9028.500	0.0	0.0	100.000	100.000	100.000	100.000	100.000	0.0
X2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	9030.100	67.000	405.000	610.000	160.000	160.000	160.000	160.000	0.0
GR	932.300	0.0	919.900	905.000	905.000	100.000	897.700	126.000	891.600
GR	891.600	140.000	893.900	150.000	894.200	160.000	893.600	170.000	888.900
GR	890.000	189.000	888.600	200.000	889.000	213.000	883.200	226.000	881.000
GR	878.300	300.000	873.300	350.000	873.300	400.000	872.600	405.000	870.100
GR	861.000	425.000	861.500	435.000	862.000	445.000	862.500	455.000	862.500
GR	862.400	475.000	862.200	485.000	861.800	495.000	862.000	505.000	861.700
GR	861.600	525.000	861.700	535.000	861.900	545.000	861.100	555.000	861.400
GR	862.100	575.000	861.500	585.000	861.700	595.000	866.100	604.000	875.300
GR	881.500	650.000	882.300	700.000	881.400	750.000	881.000	800.000	881.200
GR	881.000	900.000	881.200	950.000	876.800	1000.000	874.700	1050.000	874.300
GR	875.500	1129.000	870.100	1150.000	867.600	1168.000	867.100	1171.000	867.600
GR	867.700	1177.000	875.500	1187.000	875.300	1199.000	872.900	1200.000	871.000
GR	875.100	1211.000	876.200	1250.000	877.700	1283.000	879.300	1300.000	895.500
GR	907.600	1400.000	913.100	1421.000	0.0	0.0	0.0	0.0	0.0
X1	9061.200	65.000	1013.000	1208.000	3110.000	3110.000	3110.000	0.0	0.0
GR	896.700	0.0	892.700	3.000	893.200	8.000	893.900	18.000	893.300
GR	893.200	29.000	891.600	34.000	891.900	43.000	890.400	50.000	890.000
GR	883.300	100.000	879.800	128.000	879.500	150.000	878.200	175.000	876.700
GR	877.300	193.000	876.400	200.000	879.100	250.000	879.000	300.000	879.200
GR	879.800	400.000	880.600	450.000	881.900	500.000	882.600	550.000	883.200
GR	878.600	650.000	884.100	700.000	882.600	750.000	881.700	800.000	880.900
GR	878.300	900.000	876.600	950.000	880.800	1000.000	881.500	1013.000	877.300
GR	876.500	1030.000	868.000	1038.000	863.900	1048.000	863.800	1058.000	863.400
GR	863.300	1078.000	863.000	1088.000	863.500	1098.000	863.200	1108.000	863.300
GR	862.900	1128.000	862.900	1138.000	853.200	1148.000	863.000	1158.000	863.000
GR	863.200	1178.000	863.300	1188.000	868.000	1198.000	876.000	1200.000	880.600
GR	883.200	1221.000	889.500	1231.000	847.800	1235.000	888.100	1250.000	887.800
GR	887.400	1350.000	885.000	1400.000	885.200	1450.000	889.900	1500.000	907.400
X1	9087.800	77.000	994.000	1226.000	2660.000	2660.000	2660.000	0.0	0.0
GR	925.100	100.000	918.500	150.000	913.100	200.000	907.000	250.000	902.800
GR	903.000	301.000	903.000	311.000	902.200	325.000	892.200	339.000	894.400
GR	893.300	359.000	893.300	371.000	888.500	383.000	887.300	400.000	883.500
GR	881.500	500.000	883.000	550.000	843.700	600.000	884.700	650.000	844.200
GR	884.700	750.000	885.100	800.000	886.900	850.000	888.100	892.000	888.300
GR	888.400	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.300	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300	1400.000	883.200	1450.000	883.100	1500.000	883.400	1550.000	883.100
GR	883.100	1606.000	879.300	1611.000	882.800	1622.000	882.900	1650.000	882.600
GR	884.000	1750.000	885.600	1800.000	886.900	850.000	888.100	892.000	888.300
GR	884.000	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.400	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300	1400.000	883.200	1450.000	883.100	1500.000	883.400	1550.000	883.100
GR	883.100	1606.000	879.300	1611.000	882.800	1622.000	882.900	1650.000	882.600
GR	884.000	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.400	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300	1400.000	883.200	1450.000	883.100	1500.000	883.400	1550.000	883.100
GR	883.100	1606.000	879.300	1611.000	882.800	1622.000	882.900	1650.000	882.600
GR	884.000	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.400	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300	1400.000	883.200	1450.000	883.100	1500.000	883.400	1550.000	883.100
GR	883.100	1606.000	879.300	1611.000	882.800	1622.000	882.900	1650.000	882.600
GR	884.000	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.400	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300	1400.000	883.200	1450.000	883.100	1500.000	883.400	1550.000	883.100
GR	883.100	1606.000	879.300	1611.000	882.800	1622.000	882.900	1650.000	882.600
GR	884.000	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.400	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300	1400.000	883.200	1450.000	883.100	1500.000	883.400	1550.000	883.100
GR	883.100	1606.000	879.300	1611.000	882.800	1622.000	882.900	1650.000	882.600
GR	884.000	914.000	885.900	950.000	884.300	994.000	877.900	1000.000	877.400
GR	888.400	1015.000	862.500	1025.000	863.100	1035.000	864.100	1045.000	864.500
GR	864.800	1065.000	864.500	1075.000	864.500	1085.000	864.400	1095.000	864.300
GR	864.300	1115.000	863.900	1125.000	863.700	1135.000	864.000	1145.000	863.500
GR	863.700	1165.000	863.500	1175.000	868.400	1184.000	879.600	1188.000	880.700
GR	881.700	1217.000	885.500	1226.000	887.100	1250.000	887.900	1300.000	886.200
GR	884.300								

GR	895,400	250,000	895,900	300,000	895,700	313,000	892,600	350,000	892,400	353,000
GR	891,800	366,000	890,300	400,000	890,600	435,000	890,600	462,000	889,500	496,000
GR	888,900	500,000	888,700	524,000	889,200	543,000	889,300	566,000	889,200	600,000
GR	889,500	650,000	889,700	700,000	889,700	750,000	889,400	800,000	889,100	822,000
GR	886,800	850,000	885,600	900,000	884,300	950,000	885,200	1000,000	886,100	1050,000
GR	886,300	1100,000	883,600	1150,000	880,100	1200,000	879,300	1232,000	878,200	1237,000
GR	885,500	1265,000	864,900	1275,000	866,200	1285,000	866,500	1295,000	866,700	1305,000
GR	866,200	1315,000	865,900	1325,000	865,200	1335,000	865,000	1345,000	864,000	1355,000
GR	863,800	1365,000	862,300	1375,000	862,300	1385,000	863,500	1395,000	864,800	1405,000
GR	869,700	1415,000	878,200	1435,000	883,600	1444,000	884,800	1450,000	894,600	1488,000
GR	899,200	1500,000	909,800	1514,000	909,600	1550,000	907,100	1600,000	907,300	1625,000
GR	911,300	1636,000	911,300	1636,000	911,300	1636,000	911,300	1636,000	911,300	1636,000
X1	913,600	95,000	1289,000	1499,000	60,000	60,000	60,000	60,000	0.	0.
BT	3,000	50,000	924,300	919,000	390,000	924,000	918,400	1578,000	909,900	904,600
GR	925,700	0.	924,300	50,000	914,900	51,000	905,800	100,000	901,200	169,000
GR	918,900	170,000	901,200	172,000	898,000	224,000	918,900	225,000	898,000	227,000
GR	896,700	250,000	897,500	279,000	918,900	280,000	897,300	281,000	897,700	300,000
GR	896,400	335,000	918,700	336,000	896,400	338,000	893,500	390,000	918,400	391,000
GR	893,500	393,000	890,300	446,000	917,800	447,000	890,000	449,000	888,800	501,000
GR	917,300	502,000	888,600	504,000	888,000	557,000	916,600	558,000	888,000	560,000
GR	888,100	612,000	916,000	613,000	888,000	615,000	888,800	668,000	915,400	669,000
GR	888,800	671,000	889,600	722,000	914,600	723,000	889,600	725,000	889,100	778,000
GR	914,000	779,000	889,100	781,000	888,900	833,000	913,400	834,000	888,900	836,000
GR	886,700	947,000	885,600	999,000	911,500	1000,000	885,600	1002,000	886,400	1054,000
GR	910,700	1055,000	886,400	1057,000	886,500	1110,000	910,100	1111,000	886,500	1112,000
GR	886,300	1165,000	909,500	1166,000	886,300	1168,000	882,500	1220,000	908,800	1220,000
GR	908,800	1224,000	882,500	1224,000	880,900	1250,000	878,200	1259,000	869,400	1300,000
GR	846,700	1310,000	865,400	1320,000	865,200	1350,000	865,500	1370,000	864,600	1350,000
GR	864,900	1360,000	865,300	1372,000	912,000	1372,000	912,000	1376,000	865,300	1376,000
GR	865,900	1390,000	864,100	1420,000	864,500	1430,000	863,600	1450,000	865,000	1470,000
GR	876,900	1488,000	883,500	1499,000	883,800	1515,000	889,700	1526,000	905,100	1526,000
GR	905,100	1530,000	889,700	1530,000	909,900	1578,000	909,900	1600,000	912,200	1500,000
X1	914,000	0.	0.	0.	40,000	40,000	40,000	40,000	0.	0.
X2	914,000	0.	0.	0.	0.	0.	1,000	0.	0.	0.
X1	914,800	65,000	1253,000	1450,000	80,000	80,000	80,000	80,000	0.	0.
GR	904,900	53,000	904,500	61,000	903,900	63,000	904,700	43,000	903,800	103,000
GR	904,200	104,000	904,500	114,000	920,000	114,000	920,000	293,000	896,200	293,000
GR	895,700	300,000	895,700	315,000	893,000	350,000	891,700	363,000	891,000	375,000
GR	910,000	375,000	910,000	504,000	888,000	504,000	887,400	550,000	888,000	563,000
GR	888,600	589,000	888,100	610,000	888,700	650,000	889,300	700,000	888,800	750,000
GR	888,900	765,000	889,500	800,000	888,900	822,000	887,300	836,000	887,300	836,000
GR	887,300	850,000	887,100	900,000	886,800	950,000	887,300	1000,000	885,400	1050,000
GR	882,900	1100,000	881,500	1150,000	881,500	1200,000	879,200	1210,000	881,500	1221,000
GR	881,200	1244,000	880,100	1248,000	879,800	1250,000	879,400	1253,000	881,800	1256,000
GR	864,200	1276,000	864,500	1286,000	862,200	1296,000	862,700	1306,000	863,200	1316,000
GR	863,000	1326,000	862,800	1336,000	863,600	1346,000	863,500	1356,000	863,800	1366,000
GR	863,800	1376,000	863,100	1386,000	861,800	1396,000	860,600	1406,000	860,600	1416,000
GR	867,800	1426,000	875,300	1436,000	879,600	1450,000	909,000	1500,000	911,400	1547,000
X1	919,800	72,000	1165,000	1326,000	500,000	500,000	500,000	0.	0.	0.
GR	912,100	0.	911,000	21,000	911,400	22,000	911,600	31,000	930,000	31,000
GR	930,000	148,000	901,300	148,000	901,400	153,000	900,300	154,000	900,000	181,000
GR	898,800	182,000	898,000	200,000	897,000	234,000	896,500	249,000	896,000	286,000
GR	894,600	289,000	895,100	294,000	895,000	300,000	893,400	350,000	892,900	373,000
GR	893,300	373,000	893,400	375,000	910,000	375,000	910,000	396,000	891,000	396,000
GR	890,300	450,000	890,600	499,000	910,000	499,000	910,000	515,000	889,500	515,000
GR	889,500	519,000	889,600	528,000	889,200	556,000	889,300	596,000	910,000	596,000
GR	910,000	701,000	888,300	701,000	888,300	713,000	888,500	728,000	888,300	747,000

GR	888,300	750,000	890,500	800,000	910,000	800,000	910,000	834,000	890,900	834,000
GR	884,900	861,000	883,900	900,000	883,000	950,000	882,300	1000,000	881,600	1050,000
GR	882,500	1100,000	882,600	1150,000	880,900	1145,000	870,200	1182,000	868,900	1186,000
GR	867,500	1196,000	867,600	1206,000	866,600	1216,000	865,100	1226,000	864,400	1236,000
GR	864,500	1246,000	863,100	1256,000	863,100	1266,000	863,000	1276,000	864,400	1286,000
GR	864,500	1296,000	864,000	1306,000	863,200	1316,000	870,200	1326,000	906,400	1393,000
GR	907,200	1400,000	907,200	1450,000	0.	0.	0.	0.	0.	0.

X1	9120,200	71,000	1161,000	1354,000	40,000	40,000	40,000	0.	0.	0.
BT	2,000	1015,000	895,600	891,000	1417,000	907,000	902,600	0.	0.	0.
GR	913,000	0.	910,500	50,000	906,200	100,000	902,100	150,000	898,700	200,000
GR	897,000	250,000	895,400	300,000	893,300	350,000	891,600	400,000	890,600	450,000
GR	890,100	500,000	889,500	550,000	888,900	600,000	888,700	650,000	888,700	700,000
GR	888,900	736,000	888,900	750,000	889,800	800,000	891,000	850,000	892,400	900,000
GR	893,900	950,000	895,300	1000,000	895,700	1015,000	891,300	1016,000	890,800	1018,000
GR	882,500	1038,000	882,300	1065,000	883,500	1093,000	893,500	1093,000	893,500	1095,000
GR	883,500	1095,000	884,200	1115,000	881,300	1124,000	879,700	1161,000	878,200	1165,000
GR	869,400	1172,000	895,700	1172,000	895,700	1176,000	869,400	1176,000	868,000	1189,000
GR	867,100	1204,000	867,600	1219,000	866,400	1234,000	865,800	1249,000	865,800	1254,000
GR	898,000	1254,000	898,000	1258,000	865,800	1258,000	866,100	1264,000	864,700	1279,000
GR	862,500	1294,000	862,900	1304,000	868,300	1314,000	868,800	1324,000	870,300	1336,000
GR	900,500	1336,000	900,500	1338,000	870,300	1338,000	882,600	1354,000	884,700	1376,000
GR	901,900	1409,000	902,200	1415,000	902,800	1417,000	907,200	1418,000	907,800	1450,000
GR	909,200	1500,000	910,900	1550,000	912,900	1600,000	915,400	1650,000	917,900	1700,000
GR	920,200	1750,000	0.	0.	0.	0.	0.	0.	0.	0.

X1	9120,600	0.	0.	0.	40,000	40,000	40,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.

X1	9120,800	69,000	1146,000	1368,000	20,000	20,000	20,000	0.	0.	0.
GR	913,200	0.	912,500	20,000	912,700	21,000	913,000	31,000	930,000	31,000
GR	930,000	147,000	901,900	147,000	901,400	186,000	899,200	200,000	899,200	219,000
GR	895,900	221,000	896,700	233,000	896,700	247,000	896,800	250,000	896,700	281,000
GR	895,300	265,000	895,200	290,000	895,800	300,000	910,000	300,000	910,000	421,000
GR	891,300	421,000	891,000	450,000	891,600	468,000	889,200	520,000	889,400	527,000
GR	888,300	553,000	888,600	600,000	889,300	622,000	889,600	682,000	888,600	702,000
GR	880,700	713,000	888,100	730,000	888,300	750,000	890,100	800,000	890,300	850,000
GR	890,100	860,000	882,700	885,000	880,600	900,000	878,400	950,000	878,700	1000,000
GR	878,500	1014,000	883,200	1024,000	879,300	1034,000	879,200	1050,000	881,500	1100,000
GR	888,400	1120,000	882,200	1131,000	881,300	1146,000	880,000	1160,000	870,200	1174,000
GR	868,000	1189,000	867,100	1204,000	867,600	1219,000	866,400	1234,000	865,800	1249,000
GR	866,100	1264,000	864,700	1279,000	862,500	1294,000	862,900	1304,000	868,300	1314,000
GR	866,800	1324,000	870,300	1336,000	882,600	1354,000	882,600	1368,000	897,400	1400,000
GR	905,700	1417,000	907,900	1450,000	909,200	1500,000	910,300	1550,000	0.	0.

X1	9130,400	60,000	725,000	958,000	960,000	960,000	960,000	0.	0.	0.
GR	901,600	0.	898,200	8,000	898,200	17,000	899,000	24,000	898,900	50,000
GR	897,600	100,000	896,700	131,000	895,400	143,000	895,500	150,000	895,500	154,000
GR	894,000	175,000	893,000	200,000	892,000	250,000	890,500	300,000	890,400	350,000
GR	889,500	400,000	890,400	432,000	890,400	450,000	890,500	480,000	890,700	500,000
GR	891,200	550,000	891,700	600,000	892,900	650,000	893,300	700,000	892,000	725,000
GR	880,300	747,000	880,000	750,000	871,600	759,000	866,600	769,000	867,100	779,000
GR	866,600	789,000	866,700	799,000	867,000	809,000	866,800	819,000	866,900	829,000
GR	866,600	839,000	866,600	849,000	866,700	859,000	867,000	869,000	867,400	879,000
GR	868,000	889,000	868,200	899,000	868,200	909,000	868,600	919,000	868,200	929,000
GR	868,600	939,000	871,500	945,000	883,900	958,000	883,700	1000,000	882,900	1019,000
GR	882,600	1050,000	881,900	1100,000	881,900	1150,000	883,600	1200,000	890,900	1250,000
GR	898,300	1273,000	899,200	1296,000	903,900	1306,000	911,600	1350,000	913,200	1363,000
NC	0.090	0.085	0.080	0.300	0.500	0.	0.	0.	0.	0.

X1	9150,900	72,000	397,000	579,000	2050,000	2050,000	2050,000	0.	0.	0.
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 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 50 YR.O

J1	ICHECK	ING	NINV	IDIR	SYRT	METRIC	HVINS	G	WSEL	FG
	0.	3.	0.	0.	0.000800	0.	0.	0.	885,500	0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CRNIR	ITRACE
	2,000	0.	-1,000	0.	0.	0.	0.	0.	0.	0.

 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 100 YR Q

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.000800	0.	0.	0.	888.500	0.
J2	NPROF	IPL0T	PREVS	XSECV	XSECH	FN	ALLDC	TBW	CHNIN	ITRACE
	15.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

YADKIN RIVER 100 YR 0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWID	10K+S	TIME	VOL
9026.90	0.	0.	0.	860.60	27000.00	884.00	0.	884.17	850.10	8.03	0.	0.
9026.90	0.	0.	0.	860.60	49000.00	889.69	0.	889.92	945.38	8.02	0.	0.
9026.90	0.	0.	0.	860.60	63000.00	892.60	0.	892.86	959.24	8.01	0.	0.
9027.50	60.00	911.50	924.00	860.70	27000.00	883.94	0.	884.40	520.91	32.60	0.00	10.06
9027.50	60.00	911.50	924.00	860.70	49000.00	889.61	0.	890.17	565.15	35.18	0.00	15.70
9027.50	60.00	911.50	924.00	860.70	63000.00	892.51	0.	893.13	582.21	35.77	0.00	18.76
9028.50	100.00	911.50	924.00	860.70	27000.00	884.30	0.	884.73	524.26	30.21	0.01	22.74
9028.50	100.00	911.50	924.00	860.70	49000.00	889.99	0.	890.52	568.49	32.91	0.01	35.49
9028.50	100.00	911.50	924.00	860.70	63000.00	892.89	0.	893.48	586.36	33.66	0.01	42.39
9030.10	160.00	0.	0.	861.00	27000.00	884.86	0.	885.00	1094.90	6.41	0.02	52.71
9030.10	160.00	0.	0.	861.00	49000.00	890.65	0.	890.82	1160.66	5.95	0.02	83.09
9030.10	160.00	0.	0.	861.00	63000.00	893.62	0.	893.79	1191.84	5.81	0.02	99.46
9061.20	3110.00	0.	0.	862.90	27000.00	887.15	0.	887.32	1268.44	8.60	0.30	801.94
9061.20	3110.00	0.	0.	862.90	49000.00	892.63	0.	892.79	1477.04	6.77	0.31	1342.82
9061.20	3110.00	0.	0.	862.90	63000.00	895.50	0.	895.66	1515.09	6.13	0.30	1636.98
9087.80	2660.00	0.	0.	862.50	27000.00	889.36	0.	889.53	1545.24	8.07	0.54	1444.94
9087.80	2660.00	0.	0.	862.50	49000.00	894.42	0.	894.57	1676.79	6.62	0.56	2472.58
9087.80	2660.00	0.	0.	862.50	63000.00	897.12	0.	897.27	1704.66	6.00	0.55	3037.41
9100.00	1220.00	0.	0.	862.50	27000.00	890.28	0.	890.42	1563.92	6.43	0.66	1766.70
9100.00	1220.00	0.	0.	862.50	49000.00	895.20	0.	895.34	1684.86	5.97	0.68	3020.31
9100.00	1220.00	0.	0.	862.50	63000.00	897.84	0.	897.98	1712.10	5.66	0.67	3711.76
9113.00	1300.00	0.	0.	862.30	27000.00	891.19	0.	891.45	1094.93	8.82	0.75	2074.37
9113.00	1300.00	0.	0.	862.30	49000.00	896.10	0.	896.42	1285.63	10.00	0.76	3532.04
9113.00	1300.00	0.	0.	862.30	63000.00	898.70	0.	899.03	1354.56	9.94	0.75	4341.79
9113.60	60.00	909.90	919.00	863.60	27000.00	891.28	0.	891.52	1056.64	10.64	0.76	2086.17
9113.60	60.00	909.90	919.00	863.60	49000.00	896.22	0.	896.50	1162.05	12.18	0.77	3551.51
9113.60	60.00	909.90	919.00	863.60	63000.00	898.82	0.	899.11	1295.81	12.32	0.76	4365.87
9114.00	40.00	909.90	919.00	863.60	27000.00	891.33	0.	891.56	1057.43	10.55	0.76	2094.20
9114.00	40.00	909.90	919.00	863.60	49000.00	896.27	0.	896.55	1163.03	12.08	0.77	3564.57
9114.00	40.00	909.90	919.00	863.60	63000.00	898.87	0.	899.16	1296.73	12.22	0.76	4381.89
9114.80	80.00	0.	0.	860.60	27000.00	891.40	0.	891.63	973.04	7.19	0.77	2110.55
9114.80	80.00	0.	0.	860.60	49000.00	896.34	0.	896.65	1056.47	9.00	0.77	3590.53
9114.80	80.00	0.	0.	860.60	63000.00	898.93	0.	899.28	1060.87	9.51	0.76	4413.33
9119.80	500.00	0.	0.	863.00	27000.00	891.79	0.	892.07	814.95	9.54	0.80	2208.40
9119.80	500.00	0.	0.	863.00	49000.00	896.81	0.	897.21	959.61	11.89	0.80	3742.12
9119.80	500.00	0.	0.	863.00	63000.00	899.43	0.	899.87	1022.62	12.54	0.79	4595.64
9120.20	40.00	895.60	902.60	862.50	27000.00	891.83	0.	892.14	807.54	22.60	0.80	2215.22
9120.20	40.00	895.60	902.60	862.50	49000.00	896.90	0.	897.28	1140.02	33.68	0.81	3753.05
9120.20	40.00	895.60	902.60	862.50	63000.00	899.53	0.	899.98	1216.31	38.83	0.79	4609.11

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRIWS	EG	TOPWID	10K*8	TJME	VOL
9120.60	40.00	895.60	902.60	862.50	27000.00	891.93	0.	892.23	854.68	22.11	0.81	2221.56
9120.60	40.00	895.60	902.60	862.50	49000.00	897.05	0.	897.42	1145.15	32.89	0.81	3763.61
9120.60	40.00	895.60	902.60	862.50	63000.00	899.80	0.	900.13	1219.04	30.17	0.80	4622.25
9120.80	20.00	0.	0.	862.50	27000.00	892.11	0.	892.29	967.57	7.33	0.81	2225.34
9120.80	20.00	0.	0.	862.50	49000.00	897.24	0.	897.49	1058.45	8.61	0.81	3769.60
9120.80	20.00	0.	0.	862.50	63000.00	899.90	0.	900.18	1088.55	8.96	0.80	4629.55
9130.40	960.00	0.	0.	866.60	27000.00	892.83	0.	893.04	985.50	7.86	0.88	2426.78
9130.40	960.00	0.	0.	866.60	49000.00	898.06	0.	898.32	1189.52	8.69	0.88	4090.68
9130.40	960.00	0.	0.	866.60	63000.00	900.75	0.	901.03	1297.28	8.69	0.86	5019.67
9150.90	2050.00	0.	0.	867.20	27000.00	894.18	0.	894.30	1190.93	4.77	1.10	2914.12
9150.90	2050.00	0.	0.	867.20	49000.00	899.53	0.	899.67	1259.75	4.91	1.07	4869.44
9150.90	2050.00	0.	0.	867.20	63000.00	902.23	0.	902.39	1269.72	4.99	1.05	5959.37
9187.50	3660.00	0.	0.	868.60	27000.00	896.24	0.	896.44	617.69	7.04	1.40	3771.94
9187.50	3660.00	0.	0.	868.60	49000.00	901.80	0.	902.10	777.19	8.74	1.31	6170.60
9187.50	3660.00	0.	0.	868.60	63000.00	904.58	0.	904.93	802.15	9.38	1.27	7496.05

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
9026.900	27000.000	883.998	0.	0.	0.	850.097	0.	0.
9026.900	49000.000	889.690	5.692	0.	0.	945.383	-95.285	0.
9026.900	63000.000	892.602	2.911	0.	0.	959.244	-109.147	0.
9027.500	27000.000	883.940	0.	-0.058	0.	520.967	0.	60.000
9027.500	49000.000	889.612	5.672	-0.078	0.	565.148	-44.240	60.000
9027.500	63000.000	892.508	2.896	-0.093	0.	582.206	-61.299	60.000
9028.500	27000.000	884.296	0.	0.355	0.	524.255	0.	100.000
9028.500	49000.000	889.992	5.696	0.380	0.	568.489	-44.234	100.000
9028.500	63000.000	892.893	2.901	0.385	0.	586.355	-62.100	100.000
9030.100	27000.000	884.863	0.	0.567	0.	1094.897	0.	160.000
9030.100	49000.000	890.655	5.792	0.662	0.	1160.658	-65.761	160.000
9030.100	63000.000	893.615	2.960	0.722	0.	1191.637	-96.940	160.000
9061.200	27000.000	887.145	0.	2.282	0.	1268.444	0.	3110.000
9061.200	49000.000	892.633	5.488	1.979	0.	1477.042	-208.598	3110.000
9061.200	63000.000	895.497	2.863	1.881	0.	1515.089	-246.645	3110.000
9087.800	27000.000	889.362	0.	2.217	0.	1545.241	0.	2660.000
9087.800	49000.000	894.420	5.058	1.787	0.	1676.787	-131.576	2660.000
9087.800	63000.000	897.119	2.699	1.623	0.	1704.665	-159.423	2660.000
9100.000	27000.000	890.279	0.	0.916	0.	1563.924	0.	1220.000
9100.000	49000.000	895.202	4.923	0.782	0.	1684.865	-120.941	1220.000
9100.000	63000.000	897.839	2.637	0.720	0.	1712.097	-148.173	1220.000
9113.000	27000.000	891.189	0.	0.910	0.	1094.925	0.	1300.000
9113.000	49000.000	896.100	4.910	0.897	0.	1285.631	-190.705	1300.000
9113.000	63000.000	898.700	2.601	0.862	0.	1354.556	-259.631	1300.000
9113.600	27000.000	891.282	0.	0.093	0.	1056.635	0.	60.000
9113.600	49000.000	896.221	4.939	0.122	0.	1162.049	-105.414	60.000
9113.600	63000.000	898.822	2.601	0.122	0.	1295.806	-239.171	60.000
9114.000	27000.000	891.327	0.	0.045	0.	1057.434	0.	40.000
9114.000	49000.000	896.273	4.946	0.051	0.	1163.026	-105.591	40.000

9114,000	63000,000	898,874	2,601	0,052	0.	1296,728	-239,294	40,000
9114,800	27000,000	891,402	0.	0,075	0.	973,039	0.	80,000
9114,800	49000,000	896,338	4,936	0,065	0.	1056,466	-83,426	80,000
9114,800	63000,000	898,930	2,592	0,056	0.	1060,874	-87,835	80,000
9119,800	27000,000	891,787	0.	0,385	0.	814,953	0.	500,000
9119,800	49000,000	896,812	5,025	0,474	0.	959,608	-144,655	500,000
9119,800	63000,000	899,428	2,617	0,498	0.	1022,621	-207,668	500,000
9120,200	27000,000	891,828	0.	0,041	0.	847,539	0.	40,000
9120,200	49000,000	896,902	5,074	0,090	0.	1140,024	-292,485	40,000
9120,200	63000,000	899,633	2,731	0,204	0.	1216,309	-368,770	40,000
9120,600	27000,000	891,926	0.	0,098	0.	854,678	0.	40,000
9120,600	49000,000	897,047	5,121	0,145	0.	1145,154	-290,475	40,000
9120,600	63000,000	899,796	2,749	0,163	0.	1219,037	-364,359	40,000
9120,800	27000,000	892,115	0.	0,189	0.	967,573	0.	20,000
9120,800	49000,000	897,236	5,121	0,189	0.	1058,455	-90,882	20,000
9120,800	63000,000	899,897	2,661	0,101	0.	1088,551	-120,978	20,000
9130,400	27000,000	892,830	0.	0,715	0.	985,504	0.	960,000
9130,400	49000,000	898,059	5,230	0,824	0.	1189,521	-204,016	960,000
9130,400	63000,000	900,745	2,686	0,848	0.	1297,284	-311,779	960,000
9150,900	27000,000	894,180	0.	1,350	0.	1190,931	0.	2050,000
9150,900	49000,000	899,530	5,350	1,470	0.	1259,752	-68,821	2050,000
9150,900	63000,000	902,229	2,699	1,484	0.	1269,722	-78,791	2050,000
9187,500	27000,000	896,241	0.	2,061	0.	617,694	0.	3660,000
9187,500	49000,000	901,800	5,559	2,270	0.	777,197	-159,493	3660,000
9187,500	63000,000	904,576	2,776	2,347	0.	802,154	-184,459	3660,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DIFF
1	0.	0.	423,867	0.
2	0.	0.	474,233	50,366
3	0.	0.	487,765	63,898

HEC2 VERSION UPDATED AUG 1976

ERROR CORRECTYONS 01,02,03,04,05,06,07,08,09,10

MODIFICATIONS 52,53,54,55,56,57,58,59

 HEC2 VERSION UPDATED: AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 500YR Q

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	6.	0.	0.	0.001000	0.	0.	0.	890,000	0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	TBW	CHNIM	ITRACE
	-1,000	0.	-1,000	5,000	100,000	0.	0.	0.	0.	0.
NC	0.075	0.075	0.055	0.300	0.500	0.	0.	0.	0.	0.
QT	5,000	27000,000	49000,000	63000,000	63000,000	115000,000	0.	0.	0.	0.
EY	0.	0.	0.	0.	0.	10,400	0.	0.	0.	0.
X1	9026,900	60,000	506,000	771,000	0.	0.	0.	0.	0.	0.
GR	929,200	0.	918,200	50,000	899,300	96,000	899,200	100,000	899,600	113,000
GR	899,200	125,000	887,500	143,000	889,700	150,000	889,700	153,000	888,300	163,000
GR	888,500	167,000	887,300	173,000	886,300	193,000	885,800	200,000	882,300	250,000
GR	881,600	300,000	878,500	350,000	878,800	362,000	880,900	370,000	878,300	400,000
GR	877,000	450,000	877,000	500,000	877,500	506,000	865,900	525,000	863,000	535,000
GR	862,800	545,000	863,100	555,000	863,200	565,000	863,600	575,000	863,600	585,000
GR	863,500	595,000	863,400	605,000	863,100	615,000	862,500	625,000	862,100	635,000
GR	862,000	645,000	862,000	655,000	862,300	665,000	862,800	675,000	862,600	685,000
GR	862,600	695,000	862,300	705,000	862,000	715,000	861,500	725,000	860,600	735,000
GR	861,300	745,000	866,000	751,000	874,800	757,000	876,000	763,000	879,800	771,000
GR	879,900	800,000	876,700	850,000	873,500	900,000	872,900	950,000	872,700	1000,000
GR	873,200	1050,000	873,200	1060,000	879,900	1067,000	895,200	1100,000	915,500	1135,000
X1	9027,500	89,000	526,000	812,000	60,000	60,000	60,000	0.	0.	0.
BT	13,000	210,000	0,000	924,000	258,000	926,700	922,800	330,000	925,000	921,000
BT	374,000	923,800	919,900	421,000	922,500	918,800	492,000	920,900	917,000	562,000
BT	919,000	915,300	632,000	917,400	913,500	703,000	915,600	911,700	773,000	914,100
BT	910,100	843,000	912,900	908,900	914,000	912,000	908,000	979,000	911,500	907,800
GR	933,000	0.	930,700	100,000	927,800	210,000	923,200	211,000	907,000	257,000
GR	922,800	258,000	922,800	260,000	906,700	261,000	899,800	293,000	892,500	303,000
GR	893,500	309,000	894,500	318,000	894,900	326,000	921,000	327,000	921,000	329,000
GR	894,900	330,000	894,300	337,000	888,400	345,000	890,100	346,000	890,200	350,000
GR	885,400	373,000	920,000	374,000	920,000	376,000	885,300	377,000	882,200	400,000
GR	881,500	420,000	918,700	421,000	918,700	423,000	881,300	424,000	880,100	460,000
GR	878,700	491,000	917,000	492,000	917,000	494,000	878,600	495,000	878,000	510,000
GR	876,900	561,000	915,200	562,000	915,200	564,000	876,900	565,000	879,000	610,000
GR	875,800	626,000	875,700	631,000	913,500	632,000	913,500	634,000	875,700	635,000
GR	866,100	644,000	861,600	654,000	861,300	664,000	861,800	674,000	861,800	684,000
GR	861,400	694,000	861,300	702,000	911,700	703,000	911,700	705,000	861,300	706,000
GR	861,900	714,000	861,700	724,000	861,500	734,000	861,100	744,000	861,300	754,000
GR	860,900	764,000	860,900	772,000	910,100	773,000	910,100	775,000	860,900	776,000
GR	860,700	784,000	861,000	794,000	860,900	804,000	866,100	812,000	875,900	823,000
GR	877,800	842,000	908,900	843,000	908,900	845,000	877,800	846,000	879,100	860,000
GR	881,300	910,000	881,700	913,000	908,000	914,000	908,000	915,000	881,700	916,000
GR	883,700	935,000	899,600	960,000	907,100	978,000	911,500	979,000	911,500	1000,000

GR	911,400	1050,000	911,500	1100,000	911,800	1150,000	912,300	1200,000	0.	0.
X1	9028,500	0.	0.	0.	100,000	100,000	100,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
X1	9030,100	67,000	405,000	610,000	160,000	160,000	160,000	0.	0.	0.
GR	932,300	0.	919,900	50,000	905,000	100,000	897,700	126,000	891,600	134,000
GR	891,600	140,000	893,900	150,000	894,200	160,000	893,600	170,000	888,900	117,000
GR	890,000	189,000	888,600	200,000	889,000	213,000	883,200	226,000	881,000	250,000
GR	878,300	300,000	873,300	350,000	873,300	400,000	872,600	405,000	866,100	415,000
GR	861,000	425,000	861,500	435,000	862,000	445,000	862,500	455,000	862,500	465,000
GR	862,400	475,000	862,200	483,000	861,800	495,000	862,000	505,000	861,700	515,000
GR	861,600	525,000	861,700	535,000	861,900	545,000	861,100	555,000	861,400	565,000
GR	862,100	575,000	861,500	585,000	861,700	595,000	866,100	604,000	875,300	610,000
GR	881,500	650,000	882,300	700,000	881,400	750,000	881,000	800,000	881,200	850,000
GR	881,000	900,000	881,200	950,000	876,800	1000,000	874,700	1050,000	874,300	1100,000
GR	875,500	1129,000	870,100	1150,000	867,600	1168,000	867,100	1171,000	867,600	1173,000
GR	867,700	1177,000	875,500	1187,000	875,300	1199,000	872,900	1200,000	871,000	1204,000
GR	875,100	1211,000	876,200	1250,000	877,700	1283,000	879,300	1300,000	895,500	1350,000
GR	907,800	1400,000	913,100	1421,000	0.	0.	0.	0.	0.	0.
X1	9061,200	65,000	1013,000	1208,000	3110,000	3110,000	3110,000	0.	0.	0.
GR	896,700	0.	892,700	3,000	893,200	8,000	893,900	18,000	893,300	27,000
GR	893,200	29,000	891,600	34,000	891,900	43,000	890,400	50,000	890,000	55,000
GR	883,300	100,000	879,800	128,000	879,500	150,000	878,200	175,000	876,700	180,000
GR	877,300	193,000	878,400	200,000	879,100	250,000	879,000	300,000	879,200	350,000
GR	879,800	400,000	880,600	450,000	881,900	500,000	882,600	550,000	883,200	600,000
GR	883,600	650,000	884,100	700,000	882,600	750,000	881,700	800,000	880,900	850,000
GR	878,300	900,000	876,600	950,000	880,800	1000,000	881,500	1013,000	877,300	1019,000
GR	876,500	1030,000	868,000	1038,000	863,900	1048,000	863,800	1058,000	863,400	1068,000
GR	863,300	1078,000	863,000	1088,000	863,500	1098,000	863,200	1108,000	863,300	1118,000
GR	862,900	1128,000	862,900	1138,000	863,200	1148,000	863,000	1158,000	863,000	1168,000
GR	863,200	1178,000	863,300	1188,000	868,000	1198,000	876,000	1200,000	880,600	1208,000
GR	883,200	1221,000	889,600	1231,000	887,800	1235,000	888,100	1250,000	887,800	1300,000
GR	887,400	1350,000	885,000	1400,000	885,200	1450,000	889,900	1500,000	907,400	1550,000
X1	9087,800	77,000	994,000	1226,000	2660,000	2660,000	2660,000	0.	0.	0.
GR	925,100	100,000	918,500	150,000	913,100	200,000	907,000	250,000	902,800	291,000
GR	903,000	301,000	903,000	311,000	902,200	325,000	892,200	339,000	894,400	350,000
GR	893,300	359,000	893,300	371,000	888,500	383,000	887,300	400,000	883,500	450,000
GR	881,500	500,000	883,000	550,000	883,700	600,000	884,700	650,000	884,200	700,000
GR	884,700	750,000	885,100	800,000	886,900	850,000	888,100	892,000	888,300	900,000
GR	888,400	914,000	885,900	950,000	884,300	994,000	877,900	1000,000	877,400	1003,000
GR	868,300	1015,000	862,500	1025,000	863,100	1035,000	864,100	1045,000	864,500	1055,000
GR	864,800	1065,000	864,500	1075,000	864,500	1085,000	864,400	1095,000	864,300	1105,000
GR	864,300	1115,000	863,900	1125,000	863,700	1135,000	864,000	1145,000	863,500	1155,000
GR	863,700	1165,000	863,500	1175,000	868,400	1184,000	879,600	1188,000	880,700	1200,000
GR	881,700	1217,000	885,500	1226,000	887,100	1250,000	887,900	1300,000	886,200	1350,000
GR	884,300	1400,000	883,200	1450,000	883,100	1500,000	883,400	1550,000	883,100	1600,000
GR	883,100	1606,000	879,300	1611,000	882,800	1622,000	882,900	1650,000	882,600	1700,000
GR	884,000	1750,000	885,600	1800,000	887,500	1850,000	887,900	1900,000	890,700	1950,000
GR	893,000	2000,000	898,600	2050,000	908,100	2091,000	908,400	2100,000	907,900	2106,000
GR	912,600	2115,000	922,100	2150,000	0.	0.	0.	0.	0.	0.
NC	0.095	0.075	0.055	0.300	0.500	0.	0.	0.	0.	0.
X1	9100,000	0.	0.	0.	1220,000	1220,000	1220,000	0.	0.	0.
X1	9113,000	66,000	1232,000	1435,000	1300,000	1300,000	1300,000	0.	0.	0.
GR	904,600	23,000	904,000	53,000	903,900	57,000	902,800	62,000	903,300	82,000
GR	902,700	103,000	902,900	103,000	902,900	109,000	898,000	150,000	896,200	200,000

GR	895,400	250,000	895,900	300,000	895,700	313,000	892,600	350,000	892,400	353,000
GR	891,800	366,000	890,300	400,000	890,600	435,000	890,600	462,000	889,500	496,000
GR	888,900	500,000	888,700	524,000	889,200	543,000	889,300	566,000	889,200	600,000
GR	889,500	650,000	889,700	700,000	889,700	750,000	889,400	800,000	889,100	822,000
GR	886,800	850,000	885,600	900,000	884,300	950,000	885,200	1000,000	886,100	1050,000
GR	886,300	1100,000	883,600	1150,000	880,100	1200,000	879,300	1232,000	878,200	1237,000
GR	865,500	1265,000	864,900	1275,000	866,200	1285,000	866,500	1295,000	866,700	1305,000
GR	866,200	1315,000	865,900	1325,000	865,200	1335,000	865,000	1345,000	864,000	1355,000
GR	863,800	1365,000	862,300	1375,000	862,300	1385,000	863,500	1395,000	864,800	1405,000
GR	869,700	1415,000	878,200	1435,000	883,600	1444,000	884,800	1450,000	894,600	1488,000
GR	899,200	1500,000	909,800	1514,000	909,600	1550,000	907,100	1600,000	907,300	1625,000
GR	911,300	1636,000	0.	0.	0.	0.	0.	0.	0.	0.

X1	9113,600	95,000	1289,000	1499,000	60,000	60,000	60,000	0.	0.	0.
BT	3,000	50,000	924,300	919,000	390,000	924,000	918,400	1578,000	909,900	904,600
GR	925,700	0.	924,300	50,000	914,900	51,000	905,800	100,000	901,200	169,000
GR	918,900	170,000	901,200	172,000	898,000	224,000	918,900	225,000	898,000	227,000
GR	896,700	250,000	897,300	279,000	918,900	280,000	897,300	281,000	897,700	300,000
GR	896,400	335,000	918,700	336,000	896,400	338,000	893,500	390,000	918,400	391,000
GR	893,500	393,000	890,300	446,000	917,800	447,000	890,000	449,000	888,800	501,000
GR	917,300	502,000	888,600	504,000	888,000	557,000	916,600	558,000	888,000	560,000
GR	888,100	612,000	916,000	613,000	888,000	615,000	888,800	668,000	915,400	669,000
GR	888,800	671,000	889,600	722,000	914,600	723,000	889,600	725,000	889,100	778,000
GR	914,000	779,000	889,100	781,000	888,900	833,000	913,400	834,000	888,900	836,000
GR	886,700	889,000	912,700	890,000	886,700	892,000	885,700	944,000	912,100	945,000
GR	885,700	947,000	885,600	999,000	911,500	1000,000	885,600	1002,000	886,400	1054,000
GR	910,700	1055,000	886,400	1057,000	886,500	1110,000	910,100	1111,000	886,500	1112,000
GR	886,300	1165,000	909,500	1166,000	886,300	1168,000	882,500	1220,000	908,800	1220,000
GR	908,800	1224,000	882,500	1224,000	880,900	1250,000	878,200	1289,000	869,400	1300,000
GR	856,700	1310,000	865,400	1320,000	865,200	1330,000	865,500	1340,000	864,600	1350,000
GR	864,900	1360,000	865,300	1372,000	912,000	1372,000	912,000	1376,000	865,300	1376,000
GR	865,900	1390,000	864,100	1420,000	864,500	1430,000	863,600	1450,000	865,000	1470,000
GR	876,900	1488,000	883,500	1499,000	883,800	1515,000	889,700	1526,000	905,100	1526,000
GR	905,100	1530,000	889,700	1530,000	909,900	1578,000	909,900	1600,000	912,200	1800,000

X1	9114,000	0.	0.	0.	40,000	40,000	40,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.

X1	9114,800	65,000	1253,000	1450,000	80,000	80,000	80,000	0.	0.	0.
GR	904,900	53,000	904,500	61,000	903,900	63,000	904,700	83,000	903,800	103,000
GR	904,200	104,000	904,500	114,000	920,000	114,000	920,000	293,000	896,200	293,000
GR	895,700	300,000	895,700	315,000	893,000	350,000	891,700	353,000	891,000	375,000
GR	910,000	375,000	910,000	504,000	888,000	504,000	887,400	550,000	886,000	563,000
GR	888,600	589,000	888,100	610,000	888,700	650,000	889,300	700,000	888,800	750,000
GR	888,900	785,000	889,500	800,000	888,900	822,000	887,300	836,000	887,300	836,000
GR	887,300	850,000	887,100	900,000	886,800	950,000	887,300	1000,000	885,400	1050,000
GR	882,900	1100,000	881,500	1150,000	881,500	1200,000	879,200	1210,000	881,500	1221,000
GR	881,200	1204,000	880,100	1248,000	879,800	1250,000	879,400	1253,000	867,800	1266,000
GR	864,200	1276,000	864,500	1286,000	862,200	1296,000	862,700	1306,000	863,200	1316,000
GR	863,000	1326,000	862,800	1336,000	863,600	1346,000	863,500	1356,000	863,800	1366,000
GR	863,800	1376,000	863,100	1386,000	861,800	1396,000	860,600	1406,000	860,600	1416,000
GR	867,800	1426,000	875,300	1436,000	879,600	1450,000	909,000	1500,000	911,400	1547,000

X1	9119,800	72,000	1165,000	1326,000	500,000	500,000	500,000	0.	0.	0.
GR	912,100	0.	911,000	21,000	911,400	22,000	911,600	31,000	930,000	31,000
GR	930,000	148,000	901,300	148,000	901,400	153,000	900,300	154,000	900,000	181,000
GR	898,800	182,000	898,000	200,000	897,000	234,000	896,500	209,000	896,000	286,000
GR	894,600	289,000	895,100	294,000	895,000	300,000	893,400	350,000	892,900	373,000
GR	893,300	373,000	893,400	375,000	910,000	375,000	910,000	396,000	891,000	396,000
GR	890,300	450,000	890,600	499,000	910,000	499,000	910,000	515,000	889,500	515,000
GR	889,500	519,000	889,600	548,000	889,200	556,000	889,300	596,000	910,000	596,000
GR	910,000	701,000	888,300	701,000	888,300	713,000	888,500	728,000	888,300	747,000

GR	888,300	750,000	890,500	800,000	910,000	800,000	910,000	834,000	890,900	834,000
GR	884,900	861,000	883,900	900,000	883,000	950,000	882,300	1000,000	881,600	1050,000
GR	882,500	1100,000	882,600	1150,000	880,900	1165,000	870,200	1182,000	868,900	1186,000
GR	867,500	1196,000	867,600	1206,000	866,600	1216,000	865,100	1226,000	864,400	1236,000
GR	864,500	1246,000	863,100	1256,000	863,100	1266,000	863,000	1276,000	864,400	1286,000
GR	864,500	1296,000	864,000	1306,000	863,200	1316,000	870,200	1326,000	906,400	1393,000
GR	907,200	1400,000	907,200	1450,000	0.	0.	0.	0.	0.	0.

X1	9120,200	71,000	1161,000	1354,000	40,000	40,000	40,000	0.	0.	0.
BT	2,000	1015,000	895,600	891,000	1417,000	907,000	902,600	0.	0.	0.
GR	913,000	0.	910,500	50,000	906,200	100,000	902,100	150,000	898,700	200,000
GR	897,000	250,000	895,400	300,000	893,300	350,000	891,600	400,000	890,600	450,000
GR	890,100	500,000	889,500	550,000	888,900	600,000	888,700	650,000	888,700	700,000
GR	888,900	736,000	888,900	750,000	889,800	800,000	891,000	850,000	892,400	900,000
GR	893,900	950,000	895,300	1000,000	895,700	1015,000	891,300	1016,000	890,800	1018,000
GR	882,500	1038,000	882,300	1065,000	883,500	1093,000	893,500	1093,000	893,500	1095,000
GR	883,500	1095,000	884,200	1115,000	881,300	1124,000	879,700	1161,000	878,200	1165,000
GR	869,400	1172,000	895,700	1172,000	895,700	1176,000	869,400	1176,000	868,000	1189,000
GR	867,100	1204,000	867,600	1219,000	866,400	1234,000	865,800	1249,000	865,800	1254,000
GR	898,000	1254,000	898,000	1258,000	865,800	1258,000	866,100	1264,000	864,700	1279,000
GR	862,500	1294,000	862,900	1304,000	868,300	1314,000	868,800	1324,000	870,300	1336,000
GR	900,500	1336,000	900,500	1338,000	870,300	1338,000	882,600	1354,000	884,700	1376,000
GR	901,900	1409,000	902,200	1415,000	902,800	1417,000	907,200	1418,000	907,800	1450,000
GR	909,200	1500,000	910,900	1550,000	912,900	1600,000	915,400	1650,000	917,900	1700,000
GR	920,200	1750,000	0.	0.	0.	0.	0.	0.	0.	0.

X1	9120,600	0.	0.	0.	40,000	40,000	40,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.

X1	9120,800	69,000	1146,000	1368,000	20,000	20,000	20,000	0.	0.	0.
GR	913,200	0.	912,500	20,000	912,700	21,000	913,000	31,000	930,000	31,000
GR	930,000	147,000	901,900	147,000	901,400	186,000	899,200	200,000	899,200	219,000
GR	895,900	221,000	896,700	233,000	896,700	247,000	896,800	250,000	896,700	281,000
GR	895,300	285,000	895,200	290,000	895,800	300,000	910,000	300,000	910,000	421,000
GR	891,300	421,000	891,000	450,000	891,600	468,000	889,200	520,000	889,400	527,000
GR	888,300	553,000	888,600	600,000	889,300	622,000	889,600	682,000	888,600	702,000
GR	880,700	713,000	888,100	730,000	888,300	750,000	890,100	800,000	890,300	850,000
GR	890,100	860,000	882,700	885,000	880,600	900,000	878,400	950,000	878,700	1000,000
GR	878,500	1014,000	883,200	1024,000	879,300	1034,000	879,200	1050,000	881,500	1100,000
GR	888,400	1120,000	882,200	1131,000	881,300	1146,000	880,000	1160,000	870,200	1174,000
GR	868,000	1189,000	867,100	1204,000	867,600	1219,000	866,400	1234,000	865,800	1249,000
GR	866,100	1264,000	864,700	1279,000	862,500	1294,000	862,900	1304,000	868,300	1314,000
GR	868,800	1324,000	870,300	1336,000	882,600	1354,000	882,600	1368,000	897,400	1400,000
GR	905,700	1417,000	907,900	1450,000	909,200	1500,000	910,300	1550,000	0.	0.

X1	9130,400	60,000	725,000	958,000	960,000	960,000	960,000	0.	0.	0.
GR	901,600	0.	898,200	8,000	898,200	17,000	899,000	24,000	898,900	50,000
GR	897,500	100,000	896,700	131,000	895,400	143,000	895,500	150,000	895,500	154,000
GR	894,000	175,000	893,000	200,000	892,000	250,000	890,500	300,000	890,400	350,000
GR	889,500	400,000	890,400	432,000	890,400	450,000	890,500	480,000	890,700	500,000
GR	891,200	550,000	891,700	600,000	892,900	650,000	893,300	700,000	892,000	725,000
GR	880,300	747,000	880,000	750,000	871,600	759,000	866,600	769,000	867,100	779,000
GR	866,600	789,000	866,700	799,000	867,000	809,000	866,800	819,000	866,900	829,000
GR	866,600	839,000	866,600	849,000	866,700	859,000	867,000	869,000	867,400	879,000
GR	868,000	889,000	868,200	899,000	868,200	909,000	868,600	919,000	868,200	929,000
GR	868,600	939,000	871,500	945,000	883,900	958,000	883,700	1000,000	882,900	1019,000
GR	882,600	1050,000	881,900	1100,000	881,900	1150,000	883,600	1200,000	890,900	1250,000
GR	898,300	1273,000	899,200	1296,000	903,900	1306,000	911,600	1350,000	913,200	1363,000
NC	0.085	0.075	0.055	0.300	0.500	0.	0.	0.	0.	0.

X1	9150,900	72,000	397,000	579,000	2050,000	2050,000	2050,000	0.	0.	0.
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

YADKIN RIVER 500YR @

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWID	10K*8	TIME	VOL
9026.90	0.	0.	0.	860.60	115000.00	895.18	0.	895.91	968.77	10.03	0.	0.
9027.50	60.00	0.00	924.00	860.70	115000.00	894.81	0.	896.50	619.74	46.98	0.00	21.42
9028.50	100.00	0.00	924.00	860.70	115000.00	895.41	0.	896.99	624.60	43.22	0.00	48.38
9030.10	160.00	0.	0.	861.00	115000.00	897.07	0.	897.54	1229.59	6.67	0.01	115.99
9061.20	3110.00	0.	0.	862.90	115000.00	899.22	0.	899.59	1526.62	6.35	0.20	2006.02
9087.80	2660.00	0.	0.	862.50	115000.00	900.88	0.	901.22	1732.98	5.85	0.37	3776.70
9100.00	1220.00	0.	0.	862.50	115000.00	901.59	0.	901.94	1737.04	5.85	0.44	4632.28
9113.00	1300.00	0.	0.	862.30	115000.00	902.35	0.	903.21	1390.55	10.95	0.50	5433.64
9113.60	60.00	909.90	919.00	863.60	115000.00	902.60	0.	903.33	1372.44	13.85	0.50	5464.63
9114.00	40.00	909.90	919.00	863.60	115000.00	902.66	0.	903.38	1373.53	13.74	0.50	5485.29
9114.80	80.00	0.	0.	860.60	115000.00	902.64	0.	903.60	1067.18	11.08	0.51	5525.00
9119.80	500.00	0.	0.	863.00	115000.00	903.14	0.	904.37	1062.98	14.73	0.52	5752.42
9120.20	40.00	895.60	902.60	862.50	115000.00	904.03	0.	904.65	1290.80	47.44	0.52	5769.87
9120.60	40.00	895.60	902.60	862.50	115000.00	904.24	0.	904.84	1293.46	45.91	0.53	5787.53
9120.80	20.00	0.	0.	862.50	115000.00	904.20	0.	904.95	1145.93	9.77	0.53	5797.07
9130.40	960.00	0.	0.	866.60	115000.00	905.21	0.	905.84	1313.52	8.07	0.57	6304.75
9150.90	2050.00	0.	0.	867.20	115000.00	906.85	0.	907.24	1297.73	5.35	0.69	7520.64
9187.50	3660.00	0.	0.	868.60	115000.00	909.22	0.	910.11	842.37	10.02	0.83	9466.06

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH @	CWSEL DIFF EACH SECTION	CWSEL=KSELK	TOPWID	T.W. DIFF	LENGTH
9026.900	115000.000	895.180	0.	0.	0.	968.772	0.	0.
9027.500	115000.000	894.812	0.	-0.368	0.	619.741	0.	60.000
9028.500	115000.000	895.412	0.	0.600	0.	624.596	0.	100.000
9030.100	115000.000	897.074	0.	1.662	0.	1229.589	0.	160.000
9061.200	115000.000	899.216	0.	2.142	0.	1526.617	0.	3110.000
9087.800	115000.000	900.878	0.	1.663	0.	1732.982	0.	2660.000
9100.000	115000.000	901.589	0.	0.710	0.	1737.043	0.	1220.000
9113.000	115000.000	902.346	0.	0.757	0.	1390.552	0.	1300.000
9113.600	115000.000	902.597	0.	0.251	0.	1372.436	0.	60.000

9114.000	115000.000	902.659	0.	0.062	0.	1373.526	0.	40.000
9114.800	115000.000	902.637	0.	-0.022	0.	1067.179	0.	80.000
9119.800	115000.000	903.145	0.	0.507	0.	1062.975	0.	500.000
9120.200	115000.000	904.029	0.	0.884	0.	1290.800	0.	40.000
9120.600	115000.000	904.243	0.	0.214	0.	1293.460	0.	40.000
9120.800	115000.000	904.201	0.	-0.041	0.	1145.930	0.	20.000
9130.400	115000.000	905.210	0.	1.008	0.	1313.519	0.	960.000
9150.900	115000.000	906.852	0.	1.642	0.	1287.729	0.	2050.000
9187.500	115000.000	909.220	0.	2.368	0.	842.371	0.	3660.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	497.361	0.

HEC2 VERSION UPDATED AUG 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
MODIFICATIONS 52,53,54,55,56,57,58,59

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIBUTARY E-1 500 YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CHSEL	TO	DEPTH	TOPWID	STENCL	STENCR	VCH
6.00	0.	0.	0.	898.60	300.00	903.00	13.97	4.40	21.00	0.	0.	6.25
6.00	0.	0.	0.	898.60	560.00	905.00	37.83	6.40	21.00	0.	0.	6.22
6.00	0.	0.	0.	898.60	690.00	906.60	61.76	8.00	21.00	0.	0.	5.58
6.00	0.	0.	0.	898.60	1040.00	911.70	156.40	13.10	21.00	0.	0.	4.51
7.30	130.00	912.80	906.20	900.70	300.00	903.80	15.21	3.10	21.29	0.	0.	5.48
7.30	130.00	912.80	906.20	900.70	560.00	905.19	28.29	4.49	24.55	0.	0.	6.47
7.30	130.00	912.80	906.20	900.70	690.00	908.23	74.65	7.53	32.31	0.	0.	3.97
7.30	130.00	912.80	906.20	900.70	1040.00	913.91	4410.26	13.21	631.07	0.	0.	0.15
7.80	50.00	0.	0.	901.70	300.00	905.31	25.21	3.61	182.13	0.	0.	3.53
7.80	50.00	0.	0.	901.70	560.00	906.33	106.43	4.63	317.15	0.	0.	1.74
7.80	50.00	0.	0.	901.70	690.00	908.56	605.37	6.86	411.80	0.	0.	0.46
7.80	50.00	0.	0.	901.70	1040.00	913.91	3557.65	12.21	606.44	0.	0.	0.18
8.50	70.00	0.	0.	903.00	300.00	906.71	12.95	3.71	20.92	0.	0.	7.24
8.50	70.00	0.	0.	903.00	560.00	907.99	31.50	4.99	79.74	0.	0.	7.16
8.50	70.00	0.	0.	903.00	690.00	908.32	41.59	5.32	92.06	0.	0.	7.09
8.50	70.00	0.	0.	903.00	1040.00	913.90	807.37	10.90	222.36	0.	0.	1.00
9.50	100.00	0.	0.	905.35	300.00	909.99	23.99	4.64	58.07	0.	0.	4.70
9.50	100.00	0.	0.	905.35	560.00	910.67	41.98	5.32	92.48	0.	0.	5.71
9.50	100.00	0.	0.	905.35	690.00	910.86	48.59	5.51	99.25	0.	0.	6.26
9.50	100.00	0.	0.	905.35	1040.00	913.92	344.16	8.57	185.00	0.	0.	1.94
10.50	100.00	0.	0.	907.60	300.00	911.51	27.95	3.91	72.28	0.	0.	3.89
10.50	100.00	0.	0.	907.60	560.00	912.25	55.42	4.65	109.12	0.	0.	4.26
10.50	100.00	0.	0.	907.60	690.00	912.53	70.89	4.93	137.35	0.	0.	4.31
10.50	100.00	0.	0.	907.60	1040.00	914.04	210.15	6.44	166.36	0.	0.	2.73
11.50	100.00	0.	0.	910.60	300.00	913.99	14.91	3.39	56.14	0.	0.	7.28
11.50	100.00	0.	0.	910.60	560.00	914.73	28.74	4.13	81.22	0.	0.	8.46
11.50	100.00	0.	0.	910.60	690.00	915.00	35.80	4.40	93.79	0.	0.	8.85
11.50	100.00	0.	0.	910.60	1040.00	915.66	60.44	5.06	142.31	0.	0.	8.90
12.50	100.00	0.	0.	913.60	300.00	917.28	19.85	3.68	65.34	0.	0.	5.93
12.50	100.00	0.	0.	913.60	560.00	918.01	36.28	4.41	94.65	0.	0.	7.11
12.50	100.00	0.	0.	913.60	690.00	918.26	44.64	4.66	110.64	0.	0.	7.47
12.50	100.00	0.	0.	913.60	1040.00	918.64	59.80	5.04	141.77	0.	0.	8.98
13.50	100.00	0.	0.	916.60	300.00	920.18	14.17	3.58	75.03	0.	0.	7.59
13.50	100.00	0.	0.	916.60	560.00	921.26	32.76	4.66	84.86	0.	0.	7.87
13.50	100.00	0.	0.	916.60	690.00	921.51	39.76	4.91	90.63	0.	0.	8.38
13.50	100.00	0.	0.	916.60	1040.00	922.06	58.38	5.46	103.22	0.	0.	9.43
14.50	100.00	0.	0.	919.10	300.00	923.32	23.13	4.22	71.27	0.	0.	5.46
14.50	100.00	0.	0.	919.10	560.00	923.97	38.49	4.87	89.64	0.	0.	6.97
14.50	100.00	0.	0.	919.10	690.00	924.27	48.31	5.17	96.81	0.	0.	7.23
14.50	100.00	0.	0.	919.10	1040.00	924.93	73.29	5.83	109.61	0.	0.	7.88

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	T0	DEPTH	TOPWID	STENCL	STENCR	VCH
15.50	100.00	0.	0.	921.40	300.00	925.23	19.42	3.83	42.83	0.	0.	6.41
15.50	100.00	0.	0.	921.40	560.00	926.14	36.75	4.74	75.63	0.	0.	7.54
15.50	100.00	0.	0.	921.40	690.00	926.41	44.30	5.01	81.25	0.	0.	8.06
15.50	100.00	0.	0.	921.40	1040.00	927.05	65.63	5.65	91.12	0.	0.	9.01
17.00	150.00	0.	0.	924.50	300.00	928.50	21.98	4.00	50.86	0.	0.	5.89
17.00	150.00	0.	0.	924.50	560.00	929.40	41.07	4.90	76.94	0.	0.	6.93
17.00	150.00	0.	0.	924.50	690.00	929.75	51.40	5.25	85.96	0.	0.	7.20
17.00	150.00	0.	0.	924.50	1040.00	930.46	78.32	5.96	93.68	0.	0.	7.87
19.20	120.00	0.	0.	929.10	300.00	932.84	15.98	3.74	71.23	0.	0.	6.75
19.20	120.00	0.	0.	929.10	560.00	933.34	26.04	4.24	80.64	0.	0.	8.51
19.20	120.00	0.	0.	929.10	690.00	933.53	30.73	4.43	84.19	0.	0.	9.19
19.20	120.00	0.	0.	929.10	1040.00	934.08	46.90	4.98	94.43	0.	0.	9.90
20.50	130.00	0.	0.	931.40	300.00	935.70	27.53	4.30	81.80	0.	0.	4.36
20.50	130.00	0.	0.	931.40	560.00	936.55	52.82	5.15	97.65	0.	0.	4.86
20.50	130.00	0.	0.	931.40	690.00	936.89	65.31	5.49	103.83	0.	0.	5.07
20.50	130.00	0.	0.	931.40	1040.00	937.55	95.16	6.15	116.30	0.	0.	5.70
22.00	150.00	0.	0.	934.00	300.00	937.98	20.45	3.98	75.86	0.	0.	5.54
22.00	150.00	0.	0.	934.00	560.00	938.72	38.98	4.72	89.72	0.	0.	6.17
22.00	150.00	0.	0.	934.00	690.00	939.03	48.51	5.03	95.32	0.	0.	6.40
22.00	150.00	0.	0.	934.00	1040.00	939.73	75.42	5.73	108.36	0.	0.	6.83
23.50	150.00	0.	0.	936.60	300.00	940.58	25.06	3.98	84.37	0.	0.	4.68
23.50	150.00	0.	0.	936.60	560.00	941.29	45.91	4.69	97.39	0.	0.	5.60
23.50	150.00	0.	0.	936.60	690.00	941.58	56.46	4.98	102.00	0.	0.	5.92
23.50	150.00	0.	0.	936.60	1040.00	942.21	84.31	5.61	112.17	0.	0.	6.64
25.00	150.00	0.	0.	939.90	130.00	942.83	11.18	2.93	19.38	0.	0.	3.60
25.00	150.00	0.	0.	939.90	260.00	943.65	20.56	3.75	66.76	0.	0.	4.66
25.00	150.00	0.	0.	939.90	340.00	943.94	26.53	4.04	86.68	0.	0.	5.09
25.00	150.00	0.	0.	939.90	500.00	944.55	44.13	4.65	96.55	0.	0.	5.15
26.50	150.00	0.	0.	943.20	130.00	945.64	7.56	2.44	17.10	0.	0.	4.79
26.50	150.00	0.	0.	943.20	260.00	946.64	15.80	3.44	41.50	0.	0.	5.57
26.50	150.00	0.	0.	943.20	340.00	946.96	20.69	3.76	67.34	0.	0.	6.06
26.50	150.00	0.	0.	943.20	500.00	947.36	29.53	4.16	88.65	0.	0.	6.92
28.00	150.00	0.	0.	946.50	130.00	949.23	9.58	2.73	18.43	0.	0.	4.03
28.00	150.00	0.	0.	946.50	260.00	950.15	18.94	3.65	59.46	0.	0.	4.92
28.00	150.00	0.	0.	946.50	340.00	950.47	24.94	3.97	83.92	0.	0.	5.32
28.00	150.00	0.	0.	946.50	500.00	950.96	37.99	4.46	93.48	0.	0.	5.75
29.00	100.00	0.	0.	948.70	130.00	951.98	5.73	3.28	27.70	0.	0.	6.99
29.00	100.00	0.	0.	948.70	260.00	952.79	12.55	4.09	47.27	0.	0.	7.65
29.00	100.00	0.	0.	948.70	340.00	953.10	16.42	4.40	54.75	0.	0.	8.10
29.00	100.00	0.	0.	948.70	500.00	953.52	23.25	4.82	61.06	0.	0.	9.04

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL - WSEL	TOPWID	T.W. DIFF	LENGTH
6.000	300.000	903.000	0.	0.	0.	21.000	0.	0.
6.000	560.000	905.000	2.000	0.	0.	21.000	0.	0.
6.000	690.000	906.600	1.600	0.	0.	21.000	0.	0.
6.000	1040.000	911.700	5.100	0.	0.	21.000	0.	0.
7.300	300.000	903.805	0.	0.805	0.	21.294	0.	130.000
7.300	560.000	905.191	1.387	0.191	0.	24.553	-3.258	130.000
7.300	690.000	908.226	3.034	1.626	0.	32.307	-11.013	130.000

7.300	1040.000	913.905	5.680	2.205	631.075	-609.780	130.000
7.800	300.000	905.308	0.	1.503	182.126	0.	50.000
7.800	560.000	906.335	1.027	1.143	317.148	-135.022	50.000
7.800	690.000	908.558	2.223	0.332	411.797	-229.672	50.000
7.800	1040.000	913.906	5.348	0.000	606.443	-424.317	50.000
8.500	300.000	906.711	0.	1.404	20.917	0.	70.000
8.500	560.000	907.988	1.277	1.653	79.738	-58.822	70.000
8.500	690.000	908.320	0.332	-0.237	92.040	-71.144	70.000
8.500	1040.000	913.901	5.581	-0.605	222.344	-201.448	70.000
9.500	300.000	909.991	0.	3.279	58.073	0.	100.000
9.500	560.000	910.674	0.684	2.686	92.478	-34.405	100.000
9.500	690.000	910.860	0.186	2.540	99.251	-41.178	100.000
9.500	1040.000	913.917	3.057	0.017	185.002	-126.929	100.000
10.500	300.000	911.514	0.	1.523	72.279	0.	100.000
10.500	560.000	912.250	0.736	1.576	109.119	-36.839	100.000
10.500	690.000	912.525	0.275	1.665	137.347	-65.067	100.000
10.500	1040.000	914.035	1.510	0.118	166.356	-94.076	100.000
11.500	300.000	913.989	0.	2.478	56.139	0.	100.000
11.500	560.000	914.725	0.736	2.475	81.215	-25.077	100.000
11.500	690.000	914.995	0.270	2.470	93.792	-37.653	100.000
11.500	1040.000	915.656	0.641	1.621	142.307	-86.148	100.000
12.500	300.000	917.283	0.	3.293	65.335	0.	100.000
12.500	560.000	918.011	0.728	3.286	94.654	-29.318	100.000
12.500	690.000	918.259	0.248	3.264	110.675	-45.300	100.000
12.500	1040.000	918.642	0.383	2.986	141.748	-76.435	100.000
13.500	300.000	920.180	0.	2.897	25.032	0.	100.000
13.500	560.000	921.259	1.079	3.248	84.856	-59.823	100.000
13.500	690.000	921.510	0.252	3.251	90.634	-65.601	100.000
13.500	1040.000	922.058	0.588	3.417	103.216	-78.183	100.000
14.500	300.000	923.320	0.	3.140	71.269	0.	100.000
14.500	560.000	923.974	0.654	2.715	89.643	-18.373	100.000
14.500	690.000	924.272	0.298	2.761	96.806	-25.536	100.000
14.500	1040.000	924.931	0.659	2.873	109.608	-38.338	100.000
15.500	300.000	925.227	0.	1.907	42.830	0.	100.000
15.500	560.000	926.138	0.911	2.143	75.633	-32.803	100.000
15.500	690.000	926.414	0.277	2.143	81.253	-38.423	100.000
15.500	1040.000	927.050	0.636	2.119	91.119	-48.289	100.000
17.000	300.000	928.505	0.	3.278	50.845	0.	150.000
17.000	560.000	929.400	0.896	3.263	78.922	-28.077	150.000
17.000	690.000	929.751	0.351	3.337	85.958	-35.093	150.000
17.000	1040.000	930.459	0.708	3.409	93.682	-42.817	150.000
19.200	300.000	932.844	0.	4.339	71.227	0.	120.000
19.200	560.000	933.341	0.497	3.941	80.639	-9.413	120.000
19.200	690.000	933.531	0.190	3.780	84.187	-12.941	120.000
19.200	1040.000	934.081	0.549	3.622	94.426	-23.199	120.000
20.500	300.000	935.700	0.	2.856	81.605	0.	130.000
20.500	560.000	936.549	0.849	3.208	97.653	-15.848	130.000
20.500	690.000	936.886	0.337	3.355	103.834	-22.029	130.000
20.500	1040.000	937.553	0.667	3.472	116.304	-34.499	130.000
22.000	300.000	937.985	0.	2.285	75.842	0.	150.000
22.000	560.000	938.719	0.735	2.171	89.719	-13.858	150.000
22.000	690.000	939.029	0.310	2.143	95.323	-19.462	150.000
22.000	1040.000	939.729	0.700	2.176	108.344	-32.503	150.000

23,500	300,000	940,578	0.	2,593	0.	84,372	0.	150,000
23,500	560,000	941,294	0,716	2,575	0.	97,390	-13,018	150,000
23,500	690,000	941,580	0,286	2,551	0.	101,997	-17,625	150,000
23,500	1040,000	942,213	0,634	2,485	0.	112,174	-27,802	150,000
25,000	130,000	942,832	0.	2,255	0.	19,380	0.	150,000
25,000	260,000	943,648	0,815	2,354	0.	66,765	-47,385	150,000
25,000	340,000	943,939	0,291	2,359	0.	86,677	-67,298	150,000
25,000	500,000	944,550	0,611	2,336	0.	96,548	-77,168	150,000
26,500	130,000	945,641	0.	2,809	0.	17,104	0.	150,000
26,500	260,000	946,638	0,996	2,990	0.	41,503	-24,398	150,000
26,500	340,000	946,958	0,321	3,019	0.	67,344	-50,240	150,000
26,500	500,000	947,365	0,406	2,815	0.	88,646	-71,541	150,000
28,000	130,000	949,228	0.	3,587	0.	18,432	0.	150,000
28,000	260,000	950,148	0,920	3,510	0.	59,460	-41,027	150,000
28,000	340,000	950,474	0,326	3,516	0.	83,922	-65,489	150,000
28,000	500,000	950,957	0,483	3,593	0.	93,477	-75,044	150,000
29,000	130,000	951,976	0.	2,748	0.	27,703	0.	100,000
29,000	260,000	952,790	0,813	2,642	0.	47,270	-19,568	100,000
29,000	340,000	953,100	0,310	2,626	0.	54,752	-27,049	100,000
29,000	500,000	953,516	0,416	2,559	0.	61,062	-33,360	100,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	2,676	0.
2	0.	0.	4,191	1,514
3	0.	0.	4,876	2,200
4	0.	0.	7,484	4,808

HEC2 VERSION UPDATED AUG 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
MODIFICATIONS 52,53,54,55,56,57,58,59

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    *      *      **      *      *      *  
****      ****      *      *      *      *      *      *      *      *      *      *  
      ***      *      *      *      *      *      *      *      *      *      *  
      *      *      *      *      *      *      *      *      *      *  
      *****      ***      *      *      *
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S*5 EDJ DATE 12-06-76 TIME 11.267 ID # K2 CSCITC

 MEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY E=1 500 YR 0

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WBEL	FG
	0.	6.	0.	0.	0.	0.	0.	0.	911.700	0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

 HEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY E-1 100 YR G

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	0.	0.	0.	0.	0.	0.	0.	906,600	0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

E-1

FIA Copy

Floodway Russ ✓
w/ STRT WSEL 10-YR & 100-YR

SUMMARY PRINTOUT

TRIBUTARY E-1 NATURAL

Monthly sedimentation computed

Floodway width to project 50'

SECNO	ELENC	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	TOPWTD	BSTA	ENDST	SECNO	
*	6.00	0	0	898.60	690.00	903.91	903.91	905.55	21.00	329.00	350.00	6.00	
*	6.00	100000.00	0	898.60	690.00	903.90	903.90	905.55	21.00	329.00	350.00	6.00	
	6.00	0	0	898.60	690.00	906.60	0	907.08	21.00	329.00	350.00	6.00	
	6.00	100000.00	0	898.60	690.00	907.60	0	907.95	21.00	329.00	350.00	6.00	
*	7.30	0	912.80	906.20	900.70	906.11	0	906.72	26.71	244.14	289.00	7.30	
*	7.30	0	912.80	906.20	900.70	907.11	0	907.49	30.06	243.42	289.00	7.30	
	7.30	0	912.80	906.20	900.70	908.23	0	908.47	32.31	243.00	289.00	7.30	
	7.30	100000.00	999999.00	0	900.70	690.00	909.60	0	909.94	34.87	243.00	277.87	7.30
	7.80	0	0	901.70	690.00	907.02	0	907.04	358.79	244.19	667.69	7.80	
	7.80	100000.00	0	901.70	690.00	907.72	0	907.77	144.55	243.71	448.36	7.80	
	7.80	0	0	901.70	690.00	908.56	0	908.56	411.80	243.10	711.89	7.80	
	7.80	100000.00	0	901.70	690.00	909.99	0	910.01	153.68	243.00	448.36	7.80	
*	8.50	0	0	903.00	690.00	908.20	908.20	908.94	87.53	175.52	288.61	8.50	
*	8.50	100000.00	0	903.00	690.00	907.99	907.99	909.80	18.00	199.00	217.00	8.50	
*	8.50	0	0	903.00	690.00	908.32	908.32	908.93	92.06	173.13	289.28	8.50	
	8.50	100000.00	0	903.00	690.00	909.63	0	910.47	18.00	199.00	217.00	8.50	
	9.50	0	0	905.35	690.00	910.97	0	911.36	104.84	167.26	290.90	9.50	
	9.50	100000.00	0	905.35	690.00	912.60	0	913.14	21.39	199.00	220.39	9.50	
	9.50	0	0	905.35	690.00	910.86	0	911.32	99.25	169.40	290.30	9.50	
	9.50	100000.00	0	905.35	690.00	912.26	0	912.88	21.39	199.00	220.39	9.50	
	10.50	0	0	907.60	690.00	912.49	0	912.70	135.86	81.33	217.20	10.50	
	10.50	100000.00	0	907.60	690.00	913.93	0	914.30	31.66	131.34	163.00	10.50	
	10.50	0	0	907.60	690.00	912.53	0	912.73	137.35	80.09	217.44	10.50	
	10.50	100000.00	0	907.60	690.00	913.82	0	914.20	31.66	131.34	163.00	10.50	
*	11.50	0	0	910.60	690.00	915.00	915.00	915.75	93.79	96.97	214.11	11.50	
*	11.50	100000.00	0	910.60	690.00	915.62	915.62	917.57	17.55	145.45	163.00	11.50	
*	11.50	0	0	910.60	690.00	915.00	915.00	915.75	93.79	96.97	214.11	11.50	
*	11.50	100000.00	0	910.60	690.00	915.62	915.62	917.57	17.55	145.45	163.00	11.50	
	12.50	0	0	913.60	690.00	918.26	0	918.77	110.63	88.27	215.83	12.50	
	12.50	100000.00	0	913.60	690.00	920.29	0	920.93	22.15	140.85	163.00	12.50	
	12.50	0	0	913.60	690.00	918.26	0	918.77	110.64	88.27	215.83	12.50	
	12.50	100000.00	0	913.60	690.00	920.29	0	920.93	22.15	140.85	163.00	12.50	
*	13.50	0	0	916.60	690.00	921.51	921.51	922.30	90.63	86.92	177.55	13.50	
*	13.50	100000.00	0	916.60	690.00	922.67	0	924.07	15.00	153.00	168.00	13.50	
*	13.50	0	0	916.60	690.00	921.51	921.51	922.30	90.63	86.92	177.55	13.50	
	13.50	100000.00	0	916.60	690.00	922.67	0	924.07	15.00	153.00	168.00	13.50	
	14.50	0	0	919.10	690.00	924.27	0	924.83	96.81	81.16	177.97	14.50	
	14.50	100000.00	0	919.10	690.00	926.25	0	926.90	21.88	146.11	168.00	14.50	
	14.50	0	0	919.10	690.00	924.27	0	924.83	96.81	81.16	177.97	14.50	
	14.50	100000.00	0	919.10	690.00	926.25	0	926.90	21.88	146.11	168.00	14.50	
	15.50	0	0	921.40	690.00	926.41	0	927.12	81.25	88.94	170.20	15.50	
	15.50	100000.00	0	921.40	690.00	928.01	0	928.97	18.96	137.04	156.00	15.50	
	15.50	0	0	921.40	690.00	926.41	0	927.12	81.25	88.94	170.20	15.50	
	15.50	100000.00	0	921.40	690.00	928.01	0	928.97	18.96	137.04	156.00	15.50	

SECNO	ELENCL	ELTRD	ELLC	ELMIN	0	CMSL	EG	TOPWID	SSTA	ENDST	SECNO
17.00	0	0	0	924.50	690.00	929.75	0	930.29	85.96	84.77	17.00
17.00	0	0	0	924.50	690.00	931.43	0	932.04	25.83	152.17	17.00
17.00	0	0	0	924.50	690.00	929.75	0	930.29	85.96	84.77	17.00
17.00	0	0	0	924.50	690.00	931.43	0	932.04	25.83	152.17	17.00
19.20	0	0	0	929.10	690.00	933.53	933.53	934.24	84.19	92.54	19.20
19.20	0	0	0	929.10	690.00	934.55	0	935.73	24.03	120.00	19.20
19.20	0	0	0	929.10	690.00	934.55	0	935.73	24.03	144.03	19.20
19.20	0	0	0	929.10	690.00	934.55	933.53	934.24	84.19	92.54	19.20
19.20	0	0	0	929.10	690.00	934.55	0	935.73	24.03	144.03	19.20
20.50	0	0	0	931.40	690.00	936.89	0	937.08	103.83	86.77	20.50
20.50	0	0	0	931.40	690.00	936.89	0	937.08	103.83	190.60	20.50
20.50	0	0	0	931.40	690.00	936.89	0	937.08	103.83	152.51	20.50
20.50	0	0	0	931.40	690.00	936.89	0	937.08	103.83	190.60	20.50
22.00	0	0	0	934.00	690.00	939.03	0	940.57	32.38	89.27	22.00
22.00	0	0	0	934.00	690.00	939.03	0	940.57	32.38	184.59	22.00
22.00	0	0	0	934.00	690.00	939.03	0	940.57	32.38	151.04	22.00
22.00	0	0	0	934.00	690.00	939.03	0	940.57	32.38	184.59	22.00
23.50	0	0	0	936.60	690.00	941.58	0	941.98	102.00	62.82	23.50
23.50	0	0	0	936.60	690.00	941.58	0	941.98	102.00	164.82	23.50
23.50	0	0	0	936.60	690.00	942.77	0	943.42	22.00	112.00	23.50
23.50	0	0	0	936.60	690.00	942.77	0	943.42	22.00	164.82	23.50
25.00	0	0	0	939.90	340.00	943.94	0	944.50	86.69	63.97	25.00
25.00	0	0	0	939.90	340.00	943.94	0	944.50	86.69	150.65	25.00
25.00	0	0	0	939.90	340.00	943.94	0	944.50	86.69	112.00	25.00
25.00	0	0	0	939.90	340.00	943.94	0	944.50	86.69	150.65	25.00
26.50	0	0	0	943.20	340.00	946.96	946.37	947.50	67.34	64.32	26.50
26.50	0	0	0	943.20	340.00	946.96	946.37	947.50	67.34	131.66	26.50
26.50	0	0	0	943.20	340.00	947.02	0	947.61	22.00	112.00	26.50
26.50	0	0	0	943.20	340.00	947.02	0	947.61	22.00	131.66	26.50
28.00	0	0	0	946.50	340.00	950.47	0	950.84	83.92	64.06	28.00
28.00	0	0	0	946.50	340.00	950.47	0	950.84	83.92	147.94	28.00
28.00	0	0	0	946.50	340.00	950.47	0	950.84	83.92	112.00	28.00
28.00	0	0	0	946.50	340.00	950.47	0	950.84	83.92	147.94	28.00
29.00	0	0	0	948.70	340.00	953.10	0	953.66	54.75	35.06	29.00
29.00	0	0	0	948.70	340.00	953.10	0	953.66	54.75	89.81	29.00
29.00	0	0	0	948.70	340.00	953.72	0	955.04	10.60	52.00	29.00
29.00	0	0	0	948.70	340.00	953.72	0	955.04	10.60	89.81	29.00

SUMMARY PRINTOUT

TRIBUTARY E-1 NATURAL

SECNO	CWSL	VOL	DEPTH	VCH	QLOB	VLOB	QCH	VCH	QROB	VROB	AREA	SECNO	
*	6.00	903.91	0	5.31	10.27	0	690.00	10.27	0	0	67.18	6.00	
*	6.00	903.90	0	5.30	10.30	0	690.00	10.30	0	0	66.99	6.00	
	6.00	906.60	0	8.00	5.58	0	690.00	5.58	0	0	123.60	6.00	
	6.00	907.60	0	9.00	4.77	0	690.00	4.77	0	0	144.61	6.00	
*	7.30	906.11	.26	5.41	6.27	0	690.00	6.27	0	0	110.11	7.30	
*	7.30	907.11	.31	6.41	4.97	0	690.00	4.97	0	0	138.91	7.30	
	7.30	908.23	.44	7.53	3.97	0	690.00	3.97	0	0	173.84	7.30	
	7.30	909.80	.55	9.10	3.05	0	690.00	3.05	0	0	226.58	7.30	
	7.80	907.02	.68	5.32	1.13	0	171.86	1.13	568.14	1.13	609.52	7.80	
	7.80	907.72	.63	6.02	1.41	0	178.70	1.41	511.30	1.75	419.81	7.80	
	7.80	908.56	1.23	6.86	.46	0	70.28	.46	619.72	.59	1203.62	7.80	
	7.80	909.99	1.12	8.29	.66	0	131.90	.66	558.10	.99	760.43	7.80	
*	8.50	908.20	1.26	5.20	7.68	45.43	3.23	519.82	7.68	124.75	3.80	114.59	8.50
*	8.50	907.99	1.02	4.99	10.81	0	0	690.00	10.81	0	0	63.84	8.50
*	8.50	908.32	2.30	5.32	7.09	53.16	3.11	495.26	7.09	141.58	3.67	125.56	8.50
	8.50	909.63	1.81	6.63	7.39	0	0	690.00	7.39	0	0	93.43	8.50
	9.50	910.97	1.57	5.62	5.84	71.80	2.80	439.42	5.84	178.73	3.32	154.85	9.50
	9.50	912.60	1.22	7.25	6.06	0	0	633.32	6.06	56.68	4.43	117.39	9.50
	9.50	910.86	2.61	5.51	6.26	65.12	2.91	459.07	6.26	165.81	3.45	143.72	9.50
	9.50	912.26	2.04	6.91	6.44	0	0	635.00	6.44	54.99	4.72	110.25	9.50
	10.50	912.49	1.97	4.89	4.43	349.36	3.59	221.89	4.43	118.75	2.75	190.60	10.50
	10.50	913.93	1.53	6.33	4.27	396.09	5.22	293.91	4.27	0	0	144.64	10.50
	10.50	912.53	3.00	4.93	4.31	350.46	3.50	218.01	4.31	121.52	2.68	195.92	10.50
	10.50	913.82	2.33	6.22	4.40	393.95	5.35	296.04	4.40	0	0	140.64	10.50
*	11.50	915.00	2.34	4.40	8.85	234.59	3.44	386.43	8.85	68.98	2.83	135.42	11.50
*	11.50	915.02	1.77	5.02	11.73	82.20	5.81	607.79	11.73	0	0	65.95	11.50
*	11.50	915.00	3.38	4.40	8.85	234.58	3.44	386.44	8.85	68.98	2.83	135.42	11.50
*	11.50	915.02	2.57	5.02	11.73	82.20	5.81	607.79	11.73	0	0	65.95	11.50
	12.50	918.26	2.68	4.66	7.47	257.65	3.10	353.07	7.47	79.27	2.41	163.17	12.50
	12.50	920.29	1.98	6.69	6.99	175.93	4.12	514.07	6.99	0	0	116.23	12.50
	12.50	918.26	3.72	4.66	7.47	257.67	3.10	353.06	7.47	79.27	2.41	163.18	12.50
	12.50	920.29	2.78	6.69	6.99	175.93	4.12	514.07	6.99	0	0	116.23	12.50
*	13.50	921.51	3.02	4.91	8.38	138.11	2.46	462.84	8.38	89.05	4.44	131.41	13.50
	13.50	922.67	2.19	6.07	9.50	0	0	690.00	9.50	0	0	72.61	13.50
*	13.50	921.51	4.06	4.91	8.38	138.11	2.46	462.84	8.38	89.05	4.44	131.41	13.50
	13.50	922.67	2.90	6.07	9.50	0	0	690.00	9.50	0	0	72.61	13.50
	14.50	924.27	3.35	5.17	7.23	174.17	2.33	428.36	7.23	87.47	3.85	156.60	14.50
	14.50	926.25	2.41	7.15	6.81	84.89	3.46	605.11	6.81	0	0	113.38	14.50
	14.50	924.27	4.39	5.17	7.23	174.17	2.33	428.36	7.23	87.47	3.85	156.60	14.50
	14.50	926.25	3.21	7.15	6.81	84.89	3.46	605.11	6.81	0	0	113.38	14.50
	15.50	928.41	3.64	5.01	8.06	122.75	2.39	442.05	8.06	125.19	4.11	136.60	15.50
	15.50	928.01	2.64	6.61	8.19	70.80	3.78	619.20	8.19	0	0	94.29	15.50
	15.50	926.41	4.73	5.01	8.06	122.75	2.39	442.05	8.06	125.19	4.11	136.60	15.50
	15.50	926.01	3.44	6.61	8.19	70.80	3.78	619.20	8.19	0	0	94.29	15.50

SECNO	CWSEL	VOL	DEPTH	VCH	QLDB	VLDB	NCH	VCH	QROB	VPDB	AREA	SECNO
17.00	929.75	4.19	5.25	7.20	147.95	2.30	416.52	7.20	125.53	3.71	155.96	17.00
17.00	931.43	3.01	6.93	6.96	134.97	3.65	555.03	6.96	0	0	116.72	17.00
17.00	929.75	5.23	5.25	7.20	147.95	2.30	416.52	7.20	125.53	3.71	155.96	17.00
17.00	931.43	3.81	6.93	6.96	134.97	3.65	555.03	6.96	0	0	116.72	17.00
* 19.20	933.53	4.58	4.43	9.19	100.55	3.56	287.60	9.19	301.85	4.40	128.09	19.20
19.20	934.55	3.29	5.45	10.12	0	0	398.72	10.12	291.27	6.37	85.17	19.20
* 19.20	933.53	5.62	4.43	9.19	100.55	3.56	287.60	9.19	301.85	4.40	128.09	19.20
19.20	934.55	4.09	5.45	10.12	0	0	398.72	10.12	291.27	6.37	85.17	19.20
20.50	936.89	5.11	5.49	5.07	149.61	2.48	201.41	5.07	338.98	2.66	227.20	20.50
20.50	938.19	3.67	6.79	5.46	40.40	2.34	274.15	5.46	375.45	3.61	171.47	20.50
20.50	936.89	6.15	5.49	5.07	149.61	2.48	201.41	5.07	338.98	2.66	227.20	20.50
20.50	938.19	4.47	6.79	5.46	40.40	2.34	274.15	5.46	375.45	3.61	171.47	20.50
22.00	939.03	5.82	5.03	6.40	132.83	2.91	230.89	6.40	326.28	3.26	181.73	22.00
22.00	940.03	4.19	6.03	7.12	7.32	1.93	314.00	7.12	368.68	4.59	128.24	22.00
22.00	939.03	6.86	5.03	6.40	132.83	2.91	230.89	6.40	326.28	3.26	181.73	22.00
22.00	940.03	4.98	6.03	7.12	7.32	1.93	314.00	7.12	368.68	4.59	128.24	22.00
23.50	941.58	6.44	4.98	5.92	106.09	2.47	477.14	5.92	106.77	1.96	177.83	23.50
23.50	942.77	4.50	6.17	6.47	0	0	690.00	6.47	0	0	106.71	23.50
23.50	941.58	7.48	4.98	5.92	106.09	2.47	477.14	5.92	106.77	1.96	177.83	23.50
23.50	942.77	5.34	6.17	6.47	0	0	690.00	6.47	0	0	106.71	23.50
25.00	943.94	6.89	4.04	5.09	26.25	1.48	304.38	5.09	9.37	.84	88.73	25.00
25.00	945.25	4.93	5.35	3.84	0	0	340.00	3.84	0	0	88.50	25.00
25.00	943.94	7.94	4.04	5.09	26.25	1.48	304.38	5.09	9.37	.84	88.73	25.00
25.00	945.25	5.72	5.35	3.84	0	0	340.00	3.84	0	0	88.50	25.00
26.50	946.96	7.16	3.76	6.06	13.91	1.34	324.50	6.06	1.59	.62	66.49	26.50
26.50	947.02	5.17	3.82	6.20	0	0	340.00	6.20	0	0	54.82	26.50
26.50	946.96	8.20	3.76	6.06	13.91	1.34	324.50	6.06	1.59	.62	66.49	26.50
26.50	947.02	5.97	3.82	6.20	0	0	340.00	6.20	0	0	54.82	26.50
28.00	950.67	7.42	3.97	5.32	23.37	1.47	310.03	5.32	6.60	.78	82.73	28.00
28.00	950.69	5.38	4.19	5.38	0	0	340.00	5.38	0	0	63.20	28.00
28.00	950.67	8.45	3.97	5.32	23.37	1.47	310.03	5.32	6.60	.78	82.73	28.00
28.00	950.69	6.17	4.19	5.38	0	0	340.00	5.38	0	0	63.20	28.00
29.00	953.10	7.60	4.40	8.10	34.07	2.69	150.48	8.10	155.45	3.65	73.80	29.00
29.00	953.72	5.40	5.02	10.40	0	0	225.96	10.40	114.03	6.78	38.55	29.00
29.00	953.10	8.64	4.40	8.10	34.07	2.69	150.48	8.10	155.45	3.65	73.80	29.00
29.00	953.72	6.20	5.02	10.40	0	0	225.96	10.40	114.03	6.78	38.55	29.00

POSSIBLE ERROR SECNO# 6.00 PROFILE# 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO# 6.00 PROFILE# 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO# 8.50 PROFILE# 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO# 8.50 PROFILE# 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO# 8.50 PROFILE# 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO# 8.50 PROFILE# 2 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO# 8.50 PROFILE# 3 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO# 11.50 PROFILE# 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR	SECNO#	11.50 PROFILE#	1 20 TRIALS REQUIRED TO BALANCE WSEL
POSSIBLE ERROR	SECNO#	11.50 PROFILE#	2 CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO#	11.50 PROFILE#	3 CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO#	11.50 PROFILE#	3 20 TRIALS REQUIRED TO BALANCE WSEL
POSSIBLE ERROR	SECNO#	11.50 PROFILE#	4 CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO#	13.50 PROFILE#	1 CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO#	13.50 PROFILE#	3 CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO#	19.20 PROFILE#	1 CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO#	19.20 PROFILE#	3 CRITICAL DEPTH ASSUMED

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07.49.00. HECVM06. 76712710. 7600Z BK920 V7 HEC2Z RUSH 803661 RUSS
07.49.00. HECVM06. HEC2Z, P4, T90, CM160000, 803661, RUSS
07.49.00. HECVM06. *INPUT 62000 07.08.52. 10 DEC 76 VIA COKE
07.49.00. HECVM06. *NOSTAGE
07.49.00. HECVM06. COPY(INPUT,IR,CONTPOL/RR)
07.49.01. HECVM06. CONTROL DISK 1
07.49.01. HECVM06. FETCHPS(HEC1IR,HEC2Z,HEC2Z)
07.49.22. HECVM06. HEC2Z DISK 2
07.49.22. HECVM06. HEC2Z 20455 WORDS COPIED FROM CACHE.
07.49.23. HECVM06. CACHER2 RETURNED
07.49.23. HECVM06. SFL,160000.
07.49.23. HECVM06. FLS=160K FLL=0000K LCM BUFFERS=0014K TOTAL LCM=0174K
07.49.23. HECVM06. HEC2Z.
07.49.24. HECVM06. TAPE92 DISK 1
07.49.24. HECVM06. TAPE93 DISK 2
07.49.24. HECVM06. BZ1
07.49.25. HECVM06. OUTPUT DISK 1
07.49.25. HECVM06. TAPE91 DISK 2
07.49.25. HECVM06. TAPE90 DISK 2
07.49.25. HECVM06. TAPE95 DISK 1
07.49.27. HECVM06. BZ1DJ0#79
07.49.27. HECVM06. BZ1HJ0#90P
07.49.29. HECVM06. BZ1LJ0#-0P
07.49.29. HECVM06. TAPE96 DISK 1
07.49.30. HECVM06. BZ1PJ0#-9P
07.49.30. HECVM06. BZ1PJ0#-9Q
07.49.30. HECVM06. STOP
07.49.30. HECVM06. EXIT.
07.49.30. HECVM06. SKIP PAST FIN. CARD
07.49.30. HECVM06. FIN CARD FOUND.
07.49.30. HECVM06. REWIND, OUTPUT.
07.49.30. HECVM06. WRITEF, OUTPUT.
07.49.30. HECVM06. COPY, TAPE96/RR, OUTPUT.
07.49.30. HECVM06. OUTPUT QUEUED PR
07.49.30. HECVM06. *JLJ0708W 803661 76712710 Z R 00000RBZ1,PJ0#-90RUSS
07.49.30. HECVM06. ....
07.49.30. HECVM06. SECTORS TRANSFERRED 170
07.49.30. HECVM06. MAX DISK SECTORS 490
07.49.30. HECVM06. CP SECONDS 1.040
07.49.30. HECVM06. SYSTEM SECONDS 0.218
07.49.30. HECVM06. LCM BUFFER LOADS 7
07.49.30. HECVM06. NEW RLD'S 10
07.49.30. HECVM06. ITO CUS 1
07.49.30. HECVM06. STAGING CUS 0
07.49.30. HECVM06. ....
07.49.30. HECVM06. TOTAL JOB CUS 8
07.49.30. HECVM06. COST + OVERHEAD $ 1.82
07.49.30. HECVM06. ....
07.49.36. HECVM06. OUTPUT QUEUED PR 03

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2-1

F/A Copy
X-Sections 2.2 thru 10

Floodway

TRIBUTARY D-1 NATURAL

SUMMARY PRINTOUT

SECNO	ELENL	ELTRD	ELLC	EIMIN	Q	CWSFL	CRWS	EG	TOP10	SATA	ENDST	SECNO
2.20	0	0	0	933.70	550.00	937.84	937.84	938.65	52.91	152.40	205.51	2.20
2.20	0	0	0	933.70	550.00	937.84	937.84	938.65	53.27	152.36	205.64	2.20
2.20	10000.00	0	0	933.70	550.00	937.84	937.84	938.65	47.58	152.42	200.00	2.20
2.20	0	0	0	936.10	550.00	941.68	943.77	943.77	9.00	158.00	167.00	2.70
2.70	10000.00	0	0	936.10	550.00	941.68	943.77	943.77	9.00	158.00	167.00	2.70
2.70	0	0	0	936.10	550.00	941.68	943.77	943.77	9.00	158.00	167.00	2.70
2.70	10000.00	0	0	936.10	550.00	941.68	943.77	943.77	9.00	158.00	167.00	2.70
2.70	0	0	0	937.60	550.00	940.02	940.02	940.02	50.00	145.00	227.91	3.20
3.20	10000.00	0	0	937.60	550.00	940.02	940.02	940.02	50.00	145.00	227.91	3.20
3.20	0	0	0	938.60	550.00	960.02	960.02	960.02	50.00	145.00	225.61	3.50
3.50	10000.00	0	0	938.60	550.00	960.02	960.02	960.02	50.00	145.00	225.61	3.50
3.50	0	0	0	942.80	550.00	960.03	960.03	960.03	55.00	135.00	190.00	5.50
5.50	10000.00	0	0	942.80	550.00	960.03	960.03	960.03	55.00	135.00	190.00	5.50
5.50	0	0	0	946.90	550.00	960.03	960.03	960.03	56.03	134.79	190.82	7.40
7.40	10000.00	0	0	946.90	550.00	960.03	960.03	960.03	56.03	134.79	190.82	7.40
7.40	0	0	0	949.90	550.00	960.04	960.04	960.04	50.00	135.00	185.00	7.40
7.40	10000.00	0	0	949.90	550.00	960.04	960.04	960.04	50.00	135.00	185.00	7.40
8.00	0	0	0	949.10	550.00	960.04	960.04	960.04	42.12	143.35	187.07	8.00
8.00	10000.00	0	0	949.10	550.00	960.04	960.04	960.04	42.12	143.35	187.07	8.00
8.00	0	0	0	949.10	550.00	960.04	960.04	960.04	42.12	143.35	187.07	8.00
8.00	10000.00	0	0	949.10	550.00	960.04	960.04	960.04	42.12	143.35	187.07	8.00
9.00	0	0	0	952.75	550.00	960.07	960.07	960.07	41.17	140.00	180.87	9.00
9.00	10000.00	0	0	952.75	550.00	960.07	960.07	960.07	41.17	140.00	180.87	9.00
9.00	0	0	0	952.75	550.00	960.07	960.07	960.07	41.17	140.00	180.87	9.00
9.00	10000.00	0	0	952.75	550.00	960.07	960.07	960.07	41.17	140.00	180.87	9.00
10.00	0	0	0	956.50	550.00	960.52	961.50	961.50	45.95	35.24	41.19	10.00
10.00	10000.00	0	0	956.50	550.00	960.52	961.50	961.50	45.95	35.24	41.19	10.00
10.00	0	0	0	956.50	550.00	960.52	961.50	961.50	45.95	35.24	41.19	10.00
10.00	10000.00	0	0	956.50	550.00	960.52	961.50	961.50	45.95	35.24	41.19	10.00

SUMMARY PRINTOUT

TRIBUTARY D-1 NATURAL

SECNO	CWSL	VOL	DEPTH	VCH	QLOP	VLOP	QCH	VCH	QROP	VROP	APEA	SECNO	
*	2.20	937.84	0	4.10	8.80	38.11	4.63	302.51	8.80	209.39	4.65	87.67	2.20
*	2.20	937.83	0	4.13	8.88	38.23	4.68	304.78	8.88	206.99	4.72	86.35	2.20
*	2.20	937.86	0	4.16	8.69	38.20	4.58	300.32	8.69	211.48	4.61	88.76	2.20
*	2.20	937.89	0	4.19	8.56	38.57	4.52	298.50	8.56	212.93	4.63	89.38	2.20
*	2.70	941.68	.08	5.58	11.61	0	0	550.00	11.61	0	0	47.38	2.70
*	2.70	941.72	.08	5.62	11.53	0	0	550.00	11.53	0	0	47.70	2.70
*	2.70	941.64	.08	5.54	11.71	0	0	550.00	11.71	0	0	46.97	2.70
*	2.70	941.58	.08	5.48	11.83	0	0	550.00	11.83	0	0	46.50	2.70
	3.20	960.02	1.76	22.42	.20	395.11	.19	38.90	.20	115.99	.18	2882.11	3.20
	3.20	960.02	.68	22.42	.57	218.88	.54	109.41	.57	221.71	.54	1008.53	3.20
	3.20	960.02	1.76	22.42	.20	395.11	.19	38.90	.20	115.99	.18	2881.93	3.20
	3.20	960.02	.68	22.42	.57	218.88	.54	109.41	.57	221.71	.54	1008.41	3.20
	3.50	960.03	3.67	21.43	.22	394.33	.21	39.97	.22	115.70	.19	2662.22	3.50
	3.50	960.02	1.36	21.42	.60	218.88	.57	109.58	.60	221.54	.57	958.33	3.50
	3.50	960.02	3.67	21.42	.22	394.33	.21	39.98	.22	115.70	.19	2662.06	3.50
	3.50	960.02	1.36	21.42	.60	218.88	.57	109.58	.60	221.54	.57	958.21	3.50
	5.50	960.03	14.07	17.23	.31	389.77	.29	45.45	.31	114.78	.29	1870.90	5.50
	5.50	960.03	5.46	17.23	.68	275.07	.63	99.50	.68	175.44	.73	827.58	5.50
	5.50	960.03	14.07	17.23	.31	389.77	.29	45.45	.31	114.78	.29	1870.77	5.50
	5.50	960.03	5.46	17.23	.68	275.07	.63	99.50	.68	175.43	.73	827.45	5.50
	7.40	960.03	20.49	13.13	.64	443.14	.51	72.96	.64	33.90	.36	1070.62	7.40
	7.40	960.05	8.34	13.15	1.33	332.87	1.13	151.47	1.33	65.66	.79	490.72	7.40
	7.40	960.03	20.49	13.13	.64	443.14	.51	72.96	.64	33.90	.36	1070.50	7.40
	7.40	960.05	8.33	13.15	1.33	332.87	1.13	151.48	1.33	65.65	.79	490.60	7.40
	8.00	960.04	21.74	10.94	.96	428.56	.73	90.64	.96	30.80	.53	739.54	8.00
	8.00	960.07	8.89	10.97	2.08	287.18	1.81	195.90	2.08	66.92	1.15	311.31	8.00
	8.00	960.03	21.73	10.93	.96	428.55	.73	90.65	.96	30.80	.53	739.43	8.00
	8.00	960.07	8.89	10.97	2.08	287.18	1.81	195.92	2.08	66.90	1.15	311.21	8.00
	9.00	960.07	22.92	7.32	2.58	368.32	1.76	158.39	2.58	23.29	1.28	288.25	9.00
	9.00	960.23	9.47	7.48	3.36	305.55	2.74	211.54	3.36	32.91	1.69	194.09	9.00
	9.00	960.07	22.91	7.32	2.58	368.29	1.77	158.42	2.58	23.29	1.28	288.18	9.00
	9.00	960.23	9.47	7.48	3.36	305.53	2.74	211.57	3.36	32.90	1.69	194.00	9.00
	10.00	960.53	23.35	4.03	7.99	17.15	3.45	355.34	7.99	177.50	4.92	85.51	10.00
	10.00	961.09	9.80	4.59	6.80	27.64	3.18	355.40	6.80	166.96	4.83	95.57	10.00
	10.00	960.53	23.34	4.03	7.99	17.15	3.45	355.37	7.99	177.47	4.92	85.49	10.00
	10.00	961.09	9.80	4.59	6.80	27.63	3.18	355.43	6.80	166.94	4.83	95.54	10.00

POSSIBLE ERROR SECNO= 2.20 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2.20 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2.20 PROFILE= 3 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2.20 PROFILE= 4 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2.70 PROFILE= 1 SLOPE TOO STEEP

POSSIBLE ERROR SECNO= 2.70 PROFILE= 2 SLOPE TOO STEEP

POSSIBLE ERROR SECNO# 2.70 PROFILE# 3 SLOPE TOO STEEP

POSSIBLE ERROR SECNO# 2.70 PROFILE# 4 SLOPE TOO STEEP

08.04.59. HECVM09. 76/12/17. 76007 BKY20 V7 HEC22 RUSH 803661 RUSS

08.04.59. HECVM09. HEC22, P0, T90, CM160000, 803661, RUSS

08.04.59. HECVM09. *HEC22, P10, T90, CM160000, 803661, RUSS

08.04.59. HECVM09. *NOSTAGE

08.04.59. HECVM09. COPY(INPUT, IP, CONTROL/RR)

08.04.59. HECVM09. CONTROL DISK 1

08.04.59. HECVM09. FFTCHPS(HECLIB, HEC27, HEC27)

08.05.35. HECVM09. HEC22 DISK 2

08.05.36. HECVM09. HEC27 20455 WORDS COPIED FROM CACHE.

08.05.36. HECVM09. CACHE22 RETURNED

08.05.36. HECVM09. SFL, 160000.

08.05.36. HECVM09. FLS=160K FLL=0000K LCM BUFFERS=0014K TOTAL LCM=0174K

08.05.36. HECVM09. HEC22.

08.05.37. HECVM09. TAPE92 DISK 2

08.05.37. HECVM09. TAPE93 DISK 1

08.05.37. HECVM09. T, RZ1

08.05.37. HECVM09. OUTPUT DISK 2

08.05.37. HECVM09. TAPE94 DISK 1

08.05.37. HECVM09. TAPE91 DISK 2

08.05.39. HECVM09. TAPE95 DISK 2

08.05.52. HECVM09. RZ1D09P50

08.05.53. HECVM09. RZ1HD9P8E

08.06.22. HECVM09. RZ1LD9P6+

08.06.22. HECVM09. TAPE96 DISK 2

08.06.23. HECVM09. RZ1PD9P7E

08.06.23. HECVM09. RZ1PD9P7EA

08.06.23. HECVM09. STOP

08.06.23. HECVM09. EXIT.

08.06.23. HECVM09. SKIP PAST FIN. CARD

08.06.23. HECVM09. FIN CARD FOUND.

08.06.23. HECVM09. REWIND, OUTPUT.

08.06.23. HECVM09. WRITE, OUTPUT.

08.06.23. HECVM09. COPY, TAPE96/RR, OUTPUT.

08.06.24. HECVM09. OUTPUT QUEUED PR

08.06.24. HECVM09. *J L00713H 803661 76/12/17. 2 00000687, PD9P7EARUSS

08.06.24. HECVM09. SECTORS TRANSFERRED 159

08.06.24. HECVM09. MAY DISK SECTORS 490

08.06.24. HECVM09. CP SECONDS 0.432

08.06.24. HECVM09. SYSTEM SECONDS 0.182

08.06.24. HECVM09. LCM BUFFER LOADS 6

08.06.24. HECVM09. NEW PLOTS 10

08.06.24. HECVM09. I/O CUS 1

08.06.24. HECVM09. STAGING CUS 0

08.06.24. HECVM09. TOTAL I/O CUS 6

08.06.24. HECVM09. COST + OVERHEAD 1.50

08.06.24. HECVM09.

08.06.32. HECVM09. OUTPUT QUEUED PR 21

D-1

FIA Copy
Use X-Sections 11 thru 37

Floodway

Attn: Mr. [unclear]
[unclear]

C- ELKIN NC TRIBUTARY D-1 DECEMBER 1976
T1 FLOOD INSURANCE STUDY
T2 TRIBUTARY D-1 NATURAL 100-YR STRT WSEL 10-YR KEN RUSS

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FB
	=0	4	=0	=0	=0	=0	=0	=0	933,300	=0
J2	NPROF	IPLUT	PREVS	XSECV	XSECH	FN	ALLOC	IRW	CHNIN	IRACE
	1,000	=0	=0	5,000	50,000	=0	=0	=0	=0	=0
J5	3,000	31,000	40,000	41,000	42,000	43,000	1,000	2,000	3,000	4,000
J3	53,000	54,000	38,000	38,000	1,000	7,000	8,000	26,000	13,000	55,000
J3	14,000	26,000	15,000	56,000	25,000	38,000	=0	=0	=0	=0
NC	.100	.100	.100	.300	.500	=0	=0	=0	=0	=0
QT	5,000	230,000	430,000	550,000	550,000	810,000	=0	=0	=0	=0
ET	=0	=0	=0	=0	10,400	=0	=0	=0	=0	=0

TRIBUTARY D-1

X1	2,200	15,000	156,000	167,000	=0	=0	=0	=0	=0	=0
GR	970,100	0	950,900	50,000	948,400	100,000	947,700	107,000	941,900	120,000
GR	939,100	150,000	934,900	158,000	933,800	159,000	933,700	161,000	933,800	164,000
GR	935,500	167,000	937,500	200,000	939,600	233,000	948,800	250,000	954,500	260,000
X1	2,700	=0	=0	=0	50,000	50,000	50,000	=0	2,400	=0
X3	10,000	=0	=0	=0	=0	=0	=0	958,000	958,000	=0
SB	0	1,500	2,500	=0	2,700	=0	9,600	=0	937,600	936,100
X1	3,200	18,000	165,000	174,000	50,000	50,000	50,000	=0	-1,000	=0
X2	=0	=0	1,000	941,100	958,200	=0	=0	=0	=0	=0
X3	10,000	=0	=0	=0	=0	=0	=0	950,000	959,000	=0
BT	13,000	=0	959,800	=0	50,000	958,600	=0	100,000	959,000	=0
BT	150,000	961,700	0	165,000	963,000	0	168,200	963,200	939,400	168,600
BT	963,200	940,600	170,000	963,200	941,100	171,500	963,200	940,600	171,800	963,200
BT	939,400	189,000	965,500	0	200,000	966,900	0	232,000	971,200	0
GR	960,700	=0	960,200	16,000	959,200	29,000	952,700	50,000	946,600	67,000
GR	944,800	100,000	941,200	150,000	940,000	165,000	939,500	167,000	940,400	168,200
GR	939,200	168,600	938,600	170,000	939,200	171,500	940,400	171,800	939,900	174,000
GR	941,460	189,000	948,900	200,000	962,800	232,000	=0	=0	=0	=0
X1	3,500	=0	=0	=0	30,000	30,000	30,000	=0	1,000	=0
X1	5,500	=0	=0	=0	200,000	200,000	200,000	=0	4,200	=0
X1	7,400	14,000	164,000	173,000	190,000	190,000	190,000	=0	=0	=0
GR	966,700	0	966,600	11,000	965,900	25,000	959,300	36,000	956,500	50,000
GR	953,100	100,000	950,100	150,000	948,400	164,000	947,100	165,000	946,900	169,000
GR	947,100	171,600	949,600	175,000	965,400	200,000	971,400	215,000	=0	=0
X1	8,000	=0	=0	=0	60,000	60,000	60,000	=0	2,200	=0

X1	9,000	-0	-0	-0	100,000	100,000	100,000	-0	3,650	-0
X1	10,000	10,000	41,000	55,000	100,000	100,000	100,000	-0	-9,100	-0
GR	980,200	0	967,900	41,000	966,100	42,000	965,600	44,000	966,100	47,000
GR	966,600	50,000	967,400	55,000	969,000	80,000	979,500	100,000	990,400	120,000
X1	11,000	-0	-0	-0	100,000	100,000	100,000	-0	3,650	-0
X1	12,000	-0	-0	-0	100,000	100,000	100,000	-0	3,650	-0
X1	12,500	-0	-0	-0	50,000	50,000	50,000	-0	1,830	-0
X1	14,000	-0	-0	-0	150,000	150,000	150,000	-0	2,100	-0
X1	16,000	12,000	97,000	108,000	200,000	200,000	200,000	-0	-6,000	-0
GR	996,100	0	988,300	50,000	981,300	97,000	976,900	100,000	976,400	103,000
GR	976,900	106,000	978,200	108,000	979,800	142,000	981,500	150,000	986,800	177,000
GR	989,400	200,000	999,500	230,000	-0	-0	-0	-0	-0	-0
X1	18,000	-0	-0	-0	200,000	200,000	200,000	-0	2,800	-0
X1	20,200	-0	-0	-0	220,000	220,000	220,000	-0	3,200	-0
X1	22,000	-0	-0	-0	180,000	180,000	180,000	-0	3,200	-0
X1	24,000	-0	-0	-0	200,000	200,000	200,000	-0	3,600	-0
X1	25,600	13,000	167,000	176,000	160,000	160,000	160,000	-0	-0	-0
GR	1012,400	0	1004,000	50,000	996,900	100,000	991,800	130,000	989,900	167,000
GR	986,200	170,000	936,100	172,000	986,200	174,000	989,800	176,000	988,600	200,000
GR	991,700	243,000	994,000	250,000	1006,900	284,000	-0	-0	-0	-0
X1	26,000	-0	-0	-0	40,000	40,000	40,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	1006,000	1006,000	-0
SB	0	1,500	2,500	0	2,400	0	7,100	0	991,200	986,100
X1	26,500	14,000	130,000	141,000	50,000	50,000	50,000	-0	-0	-0
X2	-0	-0	1,000	994,200	1004,700	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	1005,500	1005,500	-0
BT	12,000	0	1010,000	0	50,000	1006,300	0	100,000	1004,900	0
BT	130,000	1005,000	-0	135,500	1005,400	992,700	135,800	1005,400	994,000	137,000
BT	1005,400	994,200	138,200	1005,400	994,000	138,500	1005,400	992,700	150,000	1005,600
BT	0	200,000	1009,300	0	250,000	1015,000	0	-0	-0	-0
GR	1014,300	0	1001,500	50,000	995,600	100,000	994,400	130,000	992,700	135,000
GR	991,600	135,800	991,200	137,000	991,600	138,200	992,700	138,500	993,300	141,000
GR	995,400	150,000	1004,300	200,000	1014,200	250,000	1018,300	283,000	-0	-0
QT	5,000	170,000	320,000	410,000	410,000	600,000	-0	-0	-0	-0
X1	28,000	-0	-0	-0	150,000	150,000	150,000	-0	2,900	-0

X1 28,500 -0 -0 -0 150,000 150,000 150,000 -0 2,900 -0

SUMMARY PRINTOUT

TRIBUTARY D-1 NATURAL

SECNO	ELENC	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	TOPWID	SSTA	ENDST	SECNO
* 2,20	0	0	0	933,70	550,00	937,84	937,84	938,65	52,91	152,40	205,31	2,20
* 2,20	100000,00	0	0	933,70	550,00	938,35	938,35	940,25	13,41	158,00	171,41	2,20
* 2,20	0	0	0	933,70	550,00	937,86	937,86	938,65	53,27	152,36	205,64	2,20
* 2,20	100000,00	0	0	933,70	550,00	938,35	938,35	940,25	13,41	158,00	171,41	2,20
* 2,70	0	0	0	936,10	550,00	941,68	0	943,77	9,00	158,00	167,00	2,70
* 2,70	100000,00	0	0	936,10	550,00	944,84	0	945,66	9,00	158,00	167,00	2,70
* 2,70	0	0	0	936,10	550,00	941,64	0	943,77	9,00	158,00	167,00	2,70
* 2,70	100000,00	0	0	936,10	550,00	944,84	0	945,66	9,00	158,00	167,00	2,70
3,20	0	958,20	941,10	937,60	550,00	960,02	0	960,03	227,91	0	227,91	3,20
3,20	100000,00	999999,00	0	937,60	550,00	963,19	0	963,19	147,11	53,81	200,92	3,20
3,20	0	958,20	941,10	937,60	550,00	960,02	0	960,02	227,91	0	227,91	3,20
3,20	100000,00	999999,00	0	937,60	550,00	963,18	0	963,18	147,11	53,81	200,92	3,20
3,50	0	0	0	938,60	550,00	960,03	0	960,03	207,34	18,27	225,61	3,50
3,50	100000,00	0	0	938,60	550,00	963,19	0	963,19	141,65	57,87	199,52	3,50
3,50	0	0	0	938,60	550,00	960,02	0	960,02	207,32	18,29	225,61	3,50
3,50	100000,00	0	0	938,60	550,00	963,18	0	963,18	141,65	57,87	199,52	3,50
5,50	0	0	0	942,80	550,00	960,03	0	960,03	176,04	39,90	215,94	5,50
5,50	100000,00	0	0	942,80	550,00	963,19	0	963,19	125,58	65,38	190,96	5,50
5,50	0	0	0	942,80	550,00	960,03	0	960,03	176,04	39,90	215,94	5,50
5,50	100000,00	0	0	942,80	550,00	963,18	0	963,19	125,58	65,38	190,96	5,50
7,40	0	0	0	946,90	550,00	960,03	0	960,03	186,03	34,79	190,82	7,40
7,40	100000,00	0	0	946,90	550,00	963,19	0	963,19	96,81	76,19	173,00	7,40
7,40	0	0	0	946,90	550,00	960,03	0	960,03	156,03	34,79	190,82	7,40
7,40	100000,00	0	0	946,90	550,00	963,19	0	963,19	96,81	76,19	173,00	7,40
8,00	0	0	0	949,10	550,00	960,04	0	960,04	143,72	43,35	187,07	8,00
8,00	100000,00	0	0	949,10	550,00	963,19	0	963,20	76,92	96,07	173,00	8,00
8,00	0	0	0	949,10	550,00	960,03	0	960,04	143,71	43,35	187,06	8,00
8,00	100000,00	0	0	949,10	550,00	963,19	0	963,20	76,92	96,07	173,00	8,00
9,00	0	0	0	952,75	550,00	960,07	0	960,13	97,14	83,73	180,87	9,00
9,00	100000,00	0	0	952,75	550,00	963,20	0	963,25	36,46	136,53	173,00	9,00
9,00	0	0	0	952,75	550,00	960,07	0	960,13	97,13	83,74	180,87	9,00
9,00	100000,00	0	0	952,75	550,00	963,19	0	963,25	36,46	136,53	173,00	9,00
10,00	0	0	0	956,50	550,00	960,53	0	961,30	45,95	35,24	81,19	10,00
10,00	100000,00	0	0	956,50	550,00	963,31	0	963,99	14,00	41,00	55,00	10,00
10,00	0	0	0	956,50	550,00	960,53	0	961,30	45,95	35,24	81,19	10,00
10,00	100000,00	0	0	956,50	550,00	963,31	0	963,99	14,00	41,00	55,00	10,00
11,00	0	0	0	960,15	550,00	964,94	0	965,29	49,98	32,68	82,66	11,00
11,00	100000,00	0	0	960,15	550,00	966,69	0	967,11	20,17	41,00	61,17	11,00
11,00	0	0	0	960,15	550,00	964,94	0	965,29	49,98	32,68	82,66	11,00
11,00	100000,00	0	0	960,15	550,00	966,69	0	967,11	20,17	41,00	61,17	11,00
12,00	0	0	0	963,80	550,00	968,11	0	968,67	47,45	34,29	81,74	12,00
12,00	100000,00	0	0	963,80	550,00	969,47	0	970,36	16,02	41,00	57,02	12,00
12,00	0	0	0	963,80	550,00	968,11	0	968,67	47,44	34,29	81,74	12,00
12,00	100000,00	0	0	963,80	550,00	969,47	0	970,36	16,02	41,00	57,02	12,00

SECNO	ELENC	ELTRD	ELLC	ELMIN	O	CWSEL	CRWS	EG	TOPWID	88TA	ENDST	SECNO
12,50	0	0	0	965,63	550,00	970,20	0	970,63	48,76	33,45	82,22	12,50
12,50	100000,00	0	0	965,63	550,00	971,75	0	972,35	18,14	41,00	59,14	12,50
12,50	0	0	0	965,63	550,00	970,20	0	970,63	48,77	33,45	82,22	12,50
12,50	100000,00	0	0	965,63	550,00	971,75	0	972,35	18,14	41,00	59,14	12,50
14,00	0	0	0	967,73	550,00	973,22	0	973,43	53,64	30,35	83,99	14,00
14,00	100000,00	0	0	967,73	550,00	974,77	0	975,00	25,36	41,00	66,36	14,00
14,00	0	0	0	967,73	550,00	973,22	0	973,43	53,64	30,35	83,99	14,00
14,00	100000,00	0	0	967,73	550,00	974,77	0	975,00	25,36	41,00	66,36	14,00
16,00	0	0	0	970,40	550,00	975,80	0	976,00	57,94	93,61	151,55	16,00
16,00	100000,00	0	0	970,40	550,00	977,10	0	977,35	27,20	97,00	124,20	16,00
16,00	0	0	0	970,40	550,00	975,80	0	976,00	57,94	93,61	151,55	16,00
16,00	100000,00	0	0	970,40	550,00	977,10	0	977,35	27,20	97,00	124,20	16,00
18,00	0	0	0	973,20	550,00	978,64	0	978,84	58,30	93,41	151,71	18,00
18,00	100000,00	0	0	973,20	550,00	979,76	0	980,03	27,35	97,00	124,35	18,00
18,00	0	0	0	973,20	550,00	978,64	0	978,84	58,30	93,41	151,71	18,00
18,00	100000,00	0	0	973,20	550,00	979,76	0	980,03	27,35	97,00	124,35	18,00
20,20	0	0	0	976,40	550,00	981,78	0	981,99	57,68	93,76	151,44	20,20
20,20	100000,00	0	0	976,40	550,00	982,89	0	983,18	26,96	97,00	123,96	20,20
20,20	0	0	0	976,40	550,00	981,78	0	981,99	57,68	93,76	151,44	20,20
20,20	100000,00	0	0	976,40	550,00	982,89	0	983,18	26,96	97,00	123,96	20,20
22,00	0	0	0	979,60	550,00	984,76	0	985,01	55,09	95,23	150,32	22,00
22,00	100000,00	0	0	979,60	550,00	985,87	0	986,22	25,25	97,00	122,25	22,00
22,00	0	0	0	979,60	550,00	984,76	0	985,01	55,09	95,23	150,32	22,00
22,00	100000,00	0	0	979,60	550,00	985,87	0	986,22	25,25	97,00	122,25	22,00
24,00	0	0	0	983,20	550,00	988,43	0	988,67	55,88	94,78	150,66	24,00
24,00	100000,00	0	0	983,20	550,00	989,55	0	989,88	25,76	97,00	122,76	24,00
24,00	0	0	0	983,20	550,00	988,43	0	988,67	55,88	94,78	150,66	24,00
24,00	100000,00	0	0	983,20	550,00	989,55	0	989,88	25,76	97,00	122,76	24,00
25,60	0	0	0	986,10	550,00	991,49	0	991,69	87,43	152,73	240,16	25,60
25,60	100000,00	0	0	986,10	550,00	992,61	0	992,90	31,70	167,00	198,70	25,60
25,60	0	0	0	986,10	550,00	991,49	0	991,69	87,43	152,73	240,16	25,60
25,60	100000,00	0	0	986,10	550,00	992,61	0	992,90	31,70	167,00	198,70	25,60
* 26,00	0	0	0	986,10	550,00	992,17	992,05	994,51	9,00	167,00	176,00	26,00
* 26,00	100000,00	0	0	986,10	550,00	993,73	0	995,09	9,00	167,00	176,00	26,00
* 26,00	0	0	0	986,10	550,00	992,17	992,05	994,51	9,00	167,00	176,00	26,00
* 26,00	100000,00	0	0	986,10	550,00	993,73	0	995,09	9,00	167,00	176,00	26,00
26,50	0	1004,70	994,20	991,20	550,00	1006,63	0	1006,63	181,82	29,96	211,78	26,50
26,50	100000,00	999999,00	0	991,20	550,00	1008,19	0	1008,19	114,93	60,09	175,02	26,50
26,50	0	1004,70	994,20	991,20	550,00	1006,63	0	1006,63	181,82	29,96	211,78	26,50
26,50	100000,00	999999,00	0	991,20	550,00	1008,19	0	1008,19	114,93	60,09	175,02	26,50
28,00	0	0	0	994,10	410,00	1006,64	0	1006,64	155,55	41,27	196,82	28,00
28,00	100000,00	0	0	994,10	410,00	1008,20	0	1008,20	84,45	74,95	159,40	28,00
28,00	0	0	0	994,10	410,00	1006,64	0	1006,64	155,55	41,27	196,82	28,00
28,00	100000,00	0	0	994,10	410,00	1008,20	0	1008,20	84,45	74,95	159,40	28,00

SECNO	ELENCL	ELTRD	ELLC	ELMIN	Q	CHSEL	CRWS	EG	TOPWID	SSTA	ENDST	SECNO
29,50	0	0	0	997,00	410,00	1006,65	0	1006,66	125,01	55,57	180,58	29,50
29,50	100000,00	0	0	997,00	410,00	1008,21	0	1008,22	58,26	93,97	152,23	29,50
29,50	0	0	0	997,00	410,00	1006,65	0	1006,66	125,01	55,57	180,58	29,50
29,50	100000,00	0	0	997,00	410,00	1008,21	0	1008,22	58,26	93,97	152,23	29,50
31,00	0	0	0	1000,80	410,00	1006,75	0	1006,80	87,78	121,33	209,11	31,00
31,00	100000,00	0	0	1000,80	410,00	1008,28	0	1008,34	35,27	156,73	192,00	31,00
31,00	0	0	0	1000,80	410,00	1006,75	0	1006,80	87,78	121,33	209,11	31,00
31,00	100000,00	0	0	1000,80	410,00	1008,28	0	1008,34	35,27	156,73	192,00	31,00
						7.9						
-0	0	0	0	1002,50	410,00	1007,25	0	1007,40	68,46	135,99	204,45	-0
-0	100000,00	0	0	1002,50	410,00	1008,68	0	1008,89	23,00	169,00	192,00	-0
-0	0	0	0	1002,50	410,00	1007,25	0	1007,40	68,46	135,99	204,45	-0
-0	100000,00	0	0	1002,50	410,00	1008,68	0	1008,89	23,00	169,00	192,00	-0
33,00	0	0	0	1004,20	410,00	1008,70	0	1008,89	64,38	139,09	203,47	33,00
33,00	100000,00	0	0	1004,20	410,00	1010,03	0	1010,32	20,41	171,59	192,00	33,00
33,00	0	0	0	1004,20	410,00	1008,70	0	1008,89	64,38	139,09	203,47	33,00
33,00	100000,00	0	0	1004,20	410,00	1010,03	0	1010,32	20,41	171,59	192,00	33,00
34,00	0	0	0	1005,90	410,00	1010,43	0	1010,62	65,02	138,60	203,62	34,00
34,00	100000,00	0	0	1005,90	410,00	1011,75	0	1012,03	20,86	171,14	192,00	34,00
34,00	0	0	0	1005,90	410,00	1010,43	0	1010,62	65,02	138,60	203,62	34,00
34,00	100000,00	0	0	1005,90	410,00	1011,75	0	1012,03	20,86	171,14	192,00	34,00
35,00	0	0	0	1007,60	410,00	1012,12	0	1012,31	64,79	138,78	203,57	35,00
35,00	100000,00	0	0	1007,60	410,00	1013,43	0	1013,72	20,67	171,33	192,00	35,00
35,00	0	0	0	1007,60	410,00	1012,12	0	1012,31	64,79	138,78	203,57	35,00
35,00	100000,00	0	0	1007,60	410,00	1013,43	0	1013,72	20,67	171,33	192,00	35,00
37,00	0	0	0	1011,30	410,00	1016,55	0	1017,02	56,53	83,73	140,26	37,00
37,00	100000,00	0	0	1011,30	410,00	1017,55	0	1017,96	15,00	85,00	100,00	37,00
37,00	0	0	0	1011,30	410,00	1016,55	0	1017,02	56,53	83,73	140,26	37,00
37,00	100000,00	0	0	1011,30	410,00	1017,55	0	1017,96	15,00	85,00	100,00	37,00

SUMMARY PRINTOUT

TRIBUTARY D=1 NATURAL

SECNO	CWSEL	VOL	DEPTH	VCH	QLOB	VLOB	GCH	VCH	QROB	VROB	AREA	SECNO
* 2.20	937.84	0	4.14	8.80	58.11	4.83	302.51	8.80	209.39	4.65	87.67	2.20
* 2.20	938.35	0	4.65	11.59	0	0	451.79	11.59	98.20	8.20	50.95	2.20
* 2.20	937.66	0	4.16	8.69	38.20	4.58	300.32	8.69	211.48	4.61	88.76	2.20
* 2.20	938.35	0	4.65	11.59	0	0	451.76	11.59	98.23	8.20	50.97	2.20
* 2.70	941.68	.08	5.58	11.61	0	0	550.00	11.61	0	0	47.38	2.70
2.70	944.84	.07	8.74	7.25	0	0	550.00	7.25	0	0	75.89	2.70
* 2.70	941.64	.08	5.54	11.71	0	0	550.00	11.71	0	0	46.97	2.70
2.70	944.84	.07	8.74	7.25	0	0	550.00	7.25	0	0	75.87	2.70
3.20	960.82	1.76	22.42	.20	395.11	.19	38.90	.20	115.99	.18	2882.11	3.20
3.20	963.19	1.85	25.59	.18	403.69	.18	40.10	.18	106.21	.18	3021.45	3.20
3.20	960.02	1.76	22.42	.20	395.11	.19	38.90	.20	115.99	.18	2881.93	3.20
3.20	963.18	1.85	25.58	.18	403.69	.18	40.10	.18	106.21	.18	3021.11	3.20
3.50	960.03	3.67	21.43	.22	394.33	.21	39.97	.22	115.70	.19	2662.22	3.50
3.50	963.19	3.86	24.59	.20	411.63	.20	42.17	.20	96.20	.18	2803.39	3.50
3.50	960.02	3.67	21.42	.22	394.33	.21	39.90	.22	115.70	.19	2662.06	3.50
3.50	963.18	3.86	24.58	.20	411.63	.20	42.17	.20	96.20	.18	2803.06	3.50
5.50	960.03	14.07	17.23	.31	389.77	.29	45.45	.31	114.78	.29	1870.90	5.50
5.50	963.19	14.92	20.39	.27	416.72	.27	47.18	.27	86.09	.28	2015.89	5.50
5.50	960.03	14.07	17.23	.31	389.77	.29	45.45	.31	114.78	.29	1870.77	5.50
5.50	963.18	14.92	20.38	.27	416.72	.27	47.19	.27	86.09	.28	2015.60	5.50
7.40	960.03	20.49	13.13	.64	443.10	.51	72.96	.64	33.90	.36	1070.62	7.40
7.40	963.19	21.80	16.29	.33	502.65	.50	47.35	.33	0	0	1137.78	7.40
7.40	960.03	20.49	13.13	.64	443.10	.51	72.96	.64	33.90	.36	1070.50	7.40
7.40	963.19	21.79	16.29	.33	502.64	.50	47.36	.33	0	0	1137.56	7.40
8.00	960.04	21.74	10.94	.98	428.56	.73	90.64	.96	30.80	.53	739.54	8.00
8.00	963.19	23.12	14.09	.51	487.74	.73	62.25	.51	0	0	786.89	8.00
8.00	960.03	21.73	10.93	.96	428.55	.73	90.65	.96	30.80	.53	739.43	8.00
8.00	963.19	23.12	14.09	.51	487.74	.73	62.26	.51	0	0	786.71	8.00
9.00	960.07	22.92	7.32	2.58	368.32	1.76	158.39	2.58	23.29	1.28	288.25	9.00
9.00	963.20	24.37	10.45	1.62	404.44	1.97	145.56	1.62	0	0	295.33	9.00
9.00	960.07	22.91	7.32	2.58	368.29	1.77	158.42	2.58	23.29	1.28	288.18	9.00
9.00	963.19	24.36	10.44	1.62	404.42	1.97	145.58	1.62	0	0	295.25	9.00
10.00	960.53	23.35	4.03	7.99	17.16	3.45	355.34	7.99	177.50	4.92	85.51	10.00
10.00	963.31	24.80	6.81	6.59	0	0	550.00	6.59	0	0	83.51	10.00
10.00	960.53	23.34	4.03	7.99	17.15	3.45	355.37	7.99	177.47	4.92	85.49	10.00
10.00	963.31	24.80	6.81	6.59	0	0	550.00	6.59	0	0	83.48	10.00
11.00	964.94	23.58	4.79	5.49	27.27	2.63	303.59	5.49	219.13	3.86	122.40	11.00
11.00	966.69	25.02	6.54	5.45	0	0	434.95	5.45	115.05	4.10	107.87	11.00
11.00	964.94	23.58	4.79	5.49	27.28	2.63	303.58	5.49	219.14	3.86	122.41	11.00
11.00	966.69	25.02	6.54	5.45	0	0	434.95	5.45	115.04	4.10	107.86	11.00
12.00	968.11	23.84	4.31	6.87	20.94	3.10	333.06	6.87	195.99	4.50	98.82	12.00
12.00	969.47	25.23	5.67	7.69	0	0	519.62	7.69	30.38	3.95	75.22	12.00
12.00	968.11	23.84	4.31	6.87	20.94	3.10	333.07	6.87	195.99	4.50	98.82	12.00
12.00	969.47	25.23	5.67	7.69	0	0	519.62	7.69	30.38	3.95	75.22	12.00

SECNO	CWSEL	VOL	DEPTH	VCH	QLOB	VLOB	GCH	VCH	OROR	VROR	AREA	SECNO
12.50	970.20	23.96	4.57	6.09	24.26	2.84	216.63	6.09	209.11	4.15	110.94	12.50
12.50	971.75	25.33	6.12	6.44	0	0	475.35	6.44	74.65	4.30	91.16	12.50
12.50	970.20	23.96	4.57	6.09	24.26	2.84	316.63	6.09	209.11	4.15	110.94	12.50
12.50	971.75	25.33	6.12	6.44	0	0	475.35	6.44	74.65	4.30	91.16	12.50
14.00	973.22	24.42	5.49	4.20	36.10	2.12	272.97	4.20	240.92	3.15	158.64	14.00
14.00	974.77	20.73	7.04	4.09	0	0	354.20	4.09	195.80	3.53	142.09	14.00
14.00	973.22	24.42	5.49	4.20	36.10	2.12	272.97	4.20	240.92	3.15	158.64	14.00
14.00	974.77	20.73	7.04	4.09	0	0	354.20	4.09	195.80	3.53	142.09	14.00
16.00	975.80	25.14	5.40	4.07	.60	.71	193.51	4.07	355.89	3.40	153.21	16.00
16.00	977.10	26.36	6.70	4.22	0	0	260.65	4.22	289.35	3.95	134.95	16.00
16.00	975.80	25.14	5.40	4.07	.60	.71	193.51	4.07	355.89	3.40	153.21	16.00
16.00	977.10	26.36	6.70	4.22	0	0	260.65	4.22	289.35	3.95	134.95	16.00
18.00	978.64	25.85	5.44	4.02	.70	.72	192.50	4.02	356.80	3.36	155.01	18.00
18.00	979.76	26.98	6.56	4.33	0	0	260.94	4.33	289.06	4.04	131.82	18.00
18.00	978.64	25.84	5.44	4.02	.70	.72	192.50	4.02	356.80	3.36	155.01	18.00
18.00	979.76	26.97	6.56	4.33	0	0	260.94	4.33	289.06	4.04	131.82	18.00
20.20	981.78	26.62	5.58	4.10	.54	.69	194.21	4.10	355.24	3.42	151.99	20.20
20.20	982.89	27.63	6.49	4.45	0	0	265.07	4.45	284.93	4.13	128.55	20.20
20.20	981.78	26.62	5.58	4.10	.54	.69	194.21	4.10	355.24	3.42	151.99	20.20
20.20	982.89	27.63	6.49	4.45	0	0	265.07	4.45	284.93	4.13	128.55	20.20
22.00	984.76	27.22	5.16	4.50	.12	.53	201.94	4.50	347.94	3.68	139.61	22.00
22.00	985.87	28.14	6.27	4.97	0	0	285.76	4.97	266.24	4.52	115.99	22.00
22.00	984.76	27.22	5.16	4.50	.12	.53	201.94	4.50	347.94	3.68	139.61	22.00
22.00	985.87	28.13	6.27	4.97	0	0	285.76	4.97	266.24	4.52	115.99	22.00
24.00	988.43	27.87	5.23	4.37	.22	.59	199.50	4.37	350.28	3.60	143.30	24.00
24.00	989.55	28.68	6.35	4.79	0	0	277.71	4.79	272.29	4.38	120.15	24.00
24.00	988.43	27.87	5.23	4.37	.22	.59	199.50	4.37	350.28	3.60	143.30	24.00
24.00	989.55	28.68	6.35	4.79	0	0	277.71	4.79	272.29	4.38	120.15	24.00
25.60	991.49	28.44	5.30	4.40	20.60	1.81	170.22	4.40	359.19	3.17	163.32	25.60
25.60	992.61	29.13	6.51	4.54	0	0	221.14	4.54	328.86	4.29	125.32	25.60
25.60	991.49	28.43	5.39	4.40	20.60	1.81	170.22	4.40	359.19	3.17	163.32	25.60
25.60	992.61	29.13	6.51	4.54	0	0	221.14	4.54	328.86	4.29	125.32	25.60
26.00	992.17	29.21	6.07	12.29	0	0	550.00	12.29	0	0	44.74	26.00
26.00	993.73	29.53	7.63	9.35	0	0	550.00	9.35	0	0	58.83	26.00
26.00	992.17	29.21	6.07	12.29	0	0	550.00	12.29	0	0	44.74	26.00
26.00	993.73	29.53	7.63	9.35	0	0	550.00	9.35	0	0	58.83	26.00
26.50	1006.63	29.37	15.43	.46	317.48	.39	69.88	.46	162.64	.35	1419.05	26.50
26.50	1008.19	30.03	16.99	.46	326.79	.41	77.12	.46	146.09	.38	1561.55	26.50
26.50	1006.63	29.37	15.43	.46	317.48	.39	69.88	.46	162.64	.35	1419.05	26.50
26.50	1008.19	30.03	16.99	.46	326.79	.41	77.12	.46	146.09	.38	1561.55	26.50
28.00	1006.64	33.42	12.54	.54	236.51	.45	64.94	.54	108.55	.39	930.05	28.00
28.00	1008.20	33.61	14.10	.55	251.51	.49	75.28	.55	83.22	.45	835.00	28.00
28.00	1006.64	33.41	12.54	.54	236.51	.45	64.94	.54	108.55	.39	930.05	28.00
28.00	1008.20	33.61	14.10	.55	251.51	.49	75.28	.55	83.22	.45	835.00	28.00

SECNO	CWSEL	VOL	DEPTH	VCH	QLOB	VLOB	QCH	VCH	QROB	VROR	AREA	SECNO
29,50	1006,65	35,91	9,65	1,00	221,59	,76	87,18	1,00	101,23	,71	521,01	29,50
29,50	1008,21	36,03	11,21	,99	230,01	,88	103,66	,99	76,33	,87	453,72	29,50
29,50	1006,65	35,91	9,65	1,00	221,59	,76	87,18	1,00	101,23	,71	521,01	29,50
29,50	1008,21	36,03	11,21	,99	230,01	,88	103,66	,99	76,33	,87	453,72	29,50
31,00	1006,75	37,21	5,95	2,26	259,63	1,70	104,36	2,26	46,01	1,39	231,85	31,00
31,00	1008,28	37,16	7,48	1,91	295,53	2,09	114,47	1,91	0	0	201,36	31,00
31,00	1006,75	37,21	5,95	2,26	259,63	1,70	104,36	2,26	46,01	1,39	231,85	31,00
31,00	1008,28	37,16	7,48	1,91	295,53	2,09	114,47	1,91	0	0	201,36	31,00
-0	1007,25	37,64	4,75	3,81	243,51	2,79	134,80	3,81	31,68	2,06	137,94	-0
-0	1008,68	37,52	6,18	3,67	232,93	3,66	177,07	3,67	0	0	111,94	-0
-0	1007,25	37,63	4,75	3,81	243,51	2,79	134,80	3,81	31,68	2,06	137,94	-0
-0	1008,68	37,52	6,18	3,67	232,93	3,66	177,07	3,67	0	0	111,94	-0
33,00	1008,70	37,93	4,50	4,36	238,18	3,15	144,23	4,36	27,59	2,24	121,07	33,00
33,00	1010,03	37,76	5,83	4,45	209,38	4,28	200,62	4,45	0	0	93,99	33,00
33,00	1008,70	37,93	4,50	4,36	238,18	3,15	144,23	4,36	27,59	2,24	121,07	33,00
33,00	1010,03	37,75	5,83	4,45	209,38	4,28	200,62	4,45	0	0	93,99	33,00
34,00	1010,43	38,21	4,53	4,26	239,08	3,09	142,65	4,26	28,26	2,21	123,64	34,00
34,00	1011,75	37,97	5,85	4,33	213,69	4,19	196,31	4,33	0	0	96,33	34,00
34,00	1010,43	38,21	4,53	4,26	239,08	3,09	142,65	4,26	28,26	2,21	123,64	34,00
34,00	1011,75	37,97	5,85	4,33	213,69	4,19	196,31	4,33	0	0	96,33	34,00
35,00	1012,12	38,50	4,52	4,30	238,76	3,11	143,21	4,30	28,02	2,22	122,71	35,00
35,00	1013,43	38,19	5,83	4,39	211,84	4,23	198,16	4,39	0	0	95,16	35,00
35,00	1012,12	38,49	4,52	4,30	238,76	3,11	143,21	4,30	28,02	2,22	122,71	35,00
35,00	1013,43	38,19	5,83	4,39	211,84	4,23	198,16	4,39	0	0	95,16	35,00
37,00	1016,55	38,98	5,25	5,75	,10	,65	373,50	5,75	36,40	1,73	86,12	37,00
37,00	1017,55	38,60	6,25	5,12	0	0	410,00	5,12	0	0	80,08	37,00
37,00	1016,55	38,97	5,25	5,75	,10	,65	373,50	5,75	36,40	1,73	86,12	37,00
37,00	1017,55	38,59	6,25	5,12	0	0	410,00	5,12	0	0	80,08	37,00

POSSIBLE ERROR SECNO= 2,20 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2,20 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2,20 PROFILE= 3 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2,20 PROFILE= 4 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2,70 PROFILE= 1 SLOPE TOO STEEP

POSSIBLE ERROR SECNO= 2,70 PROFILE= 3 SLOPE TOO STEEP

POSSIBLE ERROR SECNO= 26,00 PROFILE= 1 SLOPE TOO STEEP

POSSIBLE ERROR SECNO= 26,00 PROFILE= 2 SLOPE TOO STEEP

POSSIBLE ERROR SECNO= 26,00 PROFILE= 3 SLOPE TOO STEEP

POSSIBLE ERROR SECNO= 26,00 PROFILE= 4 SLOPE TOO STEEP

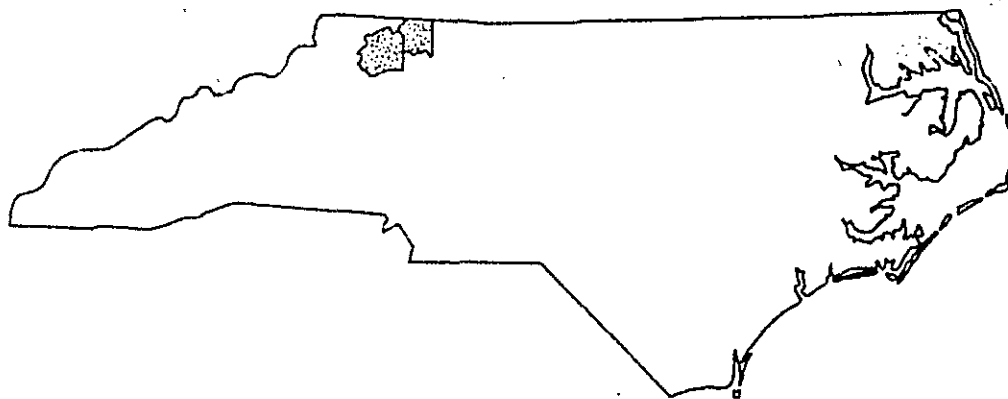
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FLOOD INSURANCE STUDY



TOWN OF ELKIN
SURRY AND WILKES COUNTIES
NORTH CAROLINA

REVIEW DRAFT REPORT



OCTOBER 1977

U.S. DEPARTMENT of HOUSING & URBAN DEVELOPMENT
FEDERAL INSURANCE ADMINISTRATION

FLOOD INSURANCE STUDY

TOWN OF ELKIN

SURRY AND WILKES COUNTIES, NORTH CAROLINA

Prepared by

U. S. ARMY ENGINEER DISTRICT, CHARLESTON
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

OCTOBER, 1977

for

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

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