

X1	0.750	10.000	292.000	213.000	10.000	10.000	10.000	0.0	0.0	0.0	52
GP	2171.300	62.300	2160.000	207.000	2156.700	260.000	2155.600	292.000	292.000	0.0	53
GP	2150.400	297.000	2150.400	300.000	2156.400	313.000	2158.700	347.000	347.000	0.0	54
GR	2158.800	363.000	2158.000	400.000	2154.600	411.000	2156.400	480.000	480.000	0.0	55
GP	2158.100	500.000	2161.000	520.000	2164.200	542.000	2171.000	607.000	607.000	0.0	56
GP	0.100	0.080	0.050	0.100	0.050	0.050	0.0	0.0	0.0	0.0	60
CT	6.300	156.000	258.000	336.000	495.000	336.000	336.000	300.000	300.000	0.0	61
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	62

X1	0.850	14.000	263.000	266.000	235.000	735.000	465.000	0.0	0.0	0.0	63
GP	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.000	263.000	2155.000	266.000	65
GP	2153.900	267.000	2153.400	270.000	2153.700	274.000	2155.400	275.000	2160.100	286.000	66
GP	2159.700	385.000	2162.100	480.000	2164.700	536.000	2180.000	637.000	0.0	0.0	67
NC	0.000	0.090	0.065	0.100	0.500	0.0	0.0	0.0	0.0	0.0	68
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	70

X1	0.850	22.000	246.000	250.000	50.000	50.000	50.000	0.0	0.0	0.0	71
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2171.000	2168.000	0.0	72
GP	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.400	246.000	2153.800	246.000	75
GP	2157.000	263.000	2156.100	261.000	2153.900	267.000	2153.500	270.000	2155.000	274.000	76
GP	2156.000	275.000	2158.500	285.000	2159.000	236.000	2160.000	290.000	2160.000	300.000	77
GP	2159.700	385.000	2160.000	400.000	2162.000	480.000	2163.000	500.000	2164.700	536.000	78
GP	2169.200	567.000	2180.000	637.000	0.0	0.0	0.0	0.0	0.0	0.0	79
NC	0.100	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	80
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	81

X1	0.850	0.0	246.000	286.000	5.000	5.000	5.000	0.0	0.0	0.0	82
AT	22.000	0.0	2177.000	0.0	190.000	2172.000	0.0	246.000	2171.000	0.0	85
AT	246.000	2171.000	2169.000	260.000	2170.800	2168.800	260.000	2170.800	2157.000	261.000	86
AT	2170.800	2156.200	261.000	2170.800	2168.800	2170.600	2168.600	274.000	2170.600	2170.600	87
AT	2154.600	275.000	2170.500	2155.500	275.000	2170.500	2168.600	285.000	2170.400	2168.500	88
AT	285.000	2170.400	2158.600	286.000	2170.300	2159.000	286.000	2170.300	2168.300	300.000	89
AT	2170.200	2168.200	300.000	2170.200	0.0	400.000	2169.000	0.0	500.000	2169.000	90
AT	0.0	567.000	2169.200	0.0	637.000	0.0	0.0	0.0	0.0	0.0	91
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	100

X1	0.850	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	101
X2	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	0.0	102
NC	0.090	0.090	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	105
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	106

X1	0.850	22.000	246.000	290.000	5.000	5.000	5.000	0.0	0.0	0.0	107
X3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2171.000	2169.000	0.0	108
GP	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.400	246.000	2153.800	246.000	109
GP	2156.000	260.000	2156.100	261.000	2153.900	267.000	2153.500	270.000	2155.000	274.000	110
GP	2159.700	385.000	2162.100	480.000	2164.700	536.000	2180.000	637.000	0.0	0.0	111
GP	2159.700	385.000	2160.000	400.000	2160.000	480.000	2163.000	500.000	2164.700	536.000	112
GP	2169.200	567.000	2180.000	637.000	0.0	0.0	0.0	0.0	0.0	0.0	113
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	120
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	120

X1	0.850	14.000	263.000	266.000	50.000	50.000	50.000	0.0	0.0	0.0	121
GP	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.000	263.000	2155.000	266.000	122
GP	2153.900	267.000	2153.400	270.000	2153.700	274.000	2155.400	275.000	2160.100	286.000	123
GP	2159.700	385.000	2162.100	480.000	2164.700	536.000	2180.000	637.000	0.0	0.0	124
NC	0.100	0.100	0.065	0.100	0.500	0.0	0.0	0.0	0.0	0.0	130
CT	6.300	120.000	194.000	260.000	370.000	260.000	260.000	0.0	0.0	0.0	131
FT	0.0	0.0	0.0	0.0	0.0	8.100	245.000	300.000	300.000	0.0	132

X1	C.540	0.0	0.0	300.000	300.000	300.000	0.0	4.000	0.0
ET	0.0	0.0	0.0	0.0	8.100	365.000	405.000	0.0	0.0
X1	1.020	11.300	380.000	400.000	315.000	565.000	345.000	0.0	133
GP	2180.000	51.000	2182.200	100.000	2175.500	149.000	2173.400	2170.400	300.000
GR	2163.300	380.000	2165.700	383.000	2165.400	385.000	2165.700	2170.700	400.000
GA	2150.000	462.000	0.0	0.0	0.0	0.0	0.0	0.0	136
GC	0.100	0.100	0.065	C.100	0.500	0.0	0.0	0.0	140
GT	6.000	114.000	182.000	244.000	348.000	244.000	244.000	0.0	141
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	162.000	142
X1	1.130	18.300	140.000	162.000	550.000	500.000	620.000	0.0	143
GP	2203.000	31.000	2192.200	50.000	2191.700	56.000	2187.500	2186.600	67.000
GR	2187.400	81.000	2186.400	110.000	2179.000	140.000	2177.200	2176.800	146
GA	2176.800	152.000	2178.500	152.000	2184.500	162.000	2188.700	2189.000	250.000
GC	2186.600	276.000	2195.000	291.000	2200.000	296.000	0.0	0.0	148
GT	C.120	C.120	C.050	C.100	0.500	0.0	0.0	0.0	150
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	162.000	151
X1	1.130	0.0	0.0	0.0	20.000	20.000	20.000	0.0	152
X3	10.000	0.0	0.0	C.0	0.0	0.0	2186.200	2186.200	0.0
ET	0.0	0.0	0.0	0.0	0.0	8.100	135.000	162.000	160
S8	0.0	1.600	3.000	0.0	5.000	0.0	25.000	2176.800	161
X1	1.130	0.0	147.000	152.000	30.000	30.000	30.000	0.0	162
X2	0.0	0.0	1.000	2187.800	2187.200	0.0	0.0	0.0	163
X3	10.000	0.0	0.0	0.0	0.0	0.0	2187.200	2187.200	0.0
BT	12.000	31.000	2200.000	0.0	50.000	2192.200	0.0	2191.700	165
BT	65.000	2187.500	0.0	147.000	2187.200	0.0	147.000	2181.800	166
BT	2187.200	2181.800	223.000	2187.800	0.0	250.000	2189.000	2189.600	167
BT	0.0	291.000	2195.000	0.0	296.000	2203.000	0.0	0.0	168
NC	0.120	C.050	C.050	C.100	C.500	0.0	0.0	0.0	170
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	162.000	171
X1	1.130	18.000	140.000	162.000	10.000	10.000	10.000	0.0	172
GP	2200.000	31.000	2192.200	50.000	2191.700	56.000	2187.500	2186.600	67.000
GR	2187.400	84.000	2186.400	110.000	2179.000	140.000	2177.200	2176.800	147.000
GA	2176.800	152.000	2178.500	152.000	2184.500	162.000	2188.700	2189.000	250.000
GC	2186.600	279.000	2195.000	291.000	2200.000	296.000	0.0	0.0	176
GT	0.120	C.120	C.050	C.100	0.500	0.0	0.0	0.0	180
ET	6.000	105.000	162.000	220.000	319.000	220.000	220.000	0.0	181
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	65.000	182
X1	1.290	15.000	46.000	56.000	840.000	640.000	700.000	0.0	183
GR	2212.800	0.0	2202.200	20.000	2195.800	27.000	2195.800	2195.900	46.000
GR	2191.400	48.000	2191.400	49.000	2191.400	51.500	2191.400	2196.200	56.000
GR	2196.900	70.000	2196.500	89.000	2194.500	100.000	2201.800	2215.000	175.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	65.000	190
X1	1.290	0.0	0.0	C.0	20.000	20.000	20.000	0.0	191
NC	C.120	C.120	C.050	C.100	0.500	0.0	0.0	0.0	192
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	65.000	193
S8	0.0	1.600	3.000	0.0	2.500	0.0	7.000	2191.400	194
X1	1.290	0.0	49.000	51.500	30.000	30.000	30.000	0.0	195
X2	0.0	0.0	1.000	2154.200	2194.500	0.0	0.0	0.0	196

AS	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	197
AT	13.000	0.0	2212.800	20.000	2232.200	0.0	0.0	0.0	2194.900	2194.900	2200.000	0.0	0.0	0.0	0.0	0.0	0.0	198
BT	35.000	2195.800	0.0	45.000	2195.500	0.0	45.000	2196.000	2194.200	2194.200	51.500	0.0	0.0	0.0	0.0	0.0	0.0	199
BT	2196.100	2194.200	51.500	2196.100	0.0	65.000	2196.600	0.0	0.0	65.000	2200.000	0.0	0.0	0.0	0.0	0.0	0.0	200
BT	0.0	55.000	2200.000	0.0	2201.900	0.0	0.0	175.000	2215.000	2215.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	201
BT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	35.000	65.000	65.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	205
XI	1.250	15.000	46.000	56.000	10.000	10.000	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206
CR	2212.800	0.0	2202.200	20.000	2199.800	27.000	2195.800	32.000	2195.900	2195.900	46.000	0.0	0.0	0.0	0.0	0.0	0.0	207
CR	2191.400	49.000	2191.400	49.000	2191.400	51.500	2191.400	53.000	2196.200	2196.200	56.000	0.0	0.0	0.0	0.0	0.0	0.0	208
CR	2196.500	70.000	2196.500	85.000	2194.500	100.000	2201.800	139.000	2215.000	2215.000	175.000	0.0	0.0	0.0	0.0	0.0	0.0	209
YC	0.100	0.100	0.050	0.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210
OT	6.000	99.000	147.000	204.000	288.000	288.000	204.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211
OT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	184.000	210.000	210.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211
XI	1.410	10.000	194.000	201.000	550.000	500.000	570.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	213
GP	2228.400	0.0	2223.500	67.000	2217.100	100.000	2208.900	194.000	2206.800	2206.800	195.000	0.0	0.0	0.0	0.0	0.0	0.0	215
GP	2206.800	194.000	2209.500	201.000	2210.400	237.000	2222.500	283.000	2227.500	2227.500	293.000	0.0	0.0	0.0	0.0	0.0	0.0	216
FJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	216

8

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

LXKLN no 2-5-77 SFA

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF LOW CHCRD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	PERENC	TORPID	STENCL	STENCR	WSELK
0.64	0.0	0.0	2146.30	430.00	2150.50	117.33	0.0	341.04	0.0	0.0	2150.50
0.64	0.0	0.0	2146.30	430.00	2151.50	59.97	90.00	88.11	180.00	270.00	2151.50
0.75	510.00	0.0	2150.20	370.00	2153.83	20.47	0.0	15.66	0.0	0.0	0.0
0.75	510.00	0.0	2150.20	370.00	2154.86	33.33	50.00	18.11	280.00	330.00	0.0
0.75	50.00	0.0	2150.20	370.00	2155.46	42.48	0.0	19.54	0.0	0.0	0.0
0.75	50.00	0.0	2150.20	370.00	2155.55	43.99	50.00	19.76	280.00	330.00	0.0
0.75	30.00	2154.70	2150.20	370.00	2158.95	269.57	0.0	282.28	0.0	0.0	0.0
0.75	30.00	2154.70	2150.20	370.00	2158.93	154.98	50.00	50.00	280.00	330.00	0.0
0.75	10.00	0.0	2150.20	370.00	2158.96	260.42	0.0	282.13	0.0	0.0	0.0
0.75	10.00	0.0	2150.20	370.00	2158.93	152.60	50.00	50.00	280.00	330.00	0.0
0.85	465.00	0.0	2153.40	336.00	2159.04	35.11	0.0	19.57	0.0	0.0	0.0
0.85	465.00	0.0	2153.40	336.00	2159.41	44.75	55.00	20.58	245.00	300.00	0.0
0.85	50.00	0.0	2153.50	336.00	2159.57	76.03	0.0	42.26	0.0	0.0	0.0
0.85	50.00	0.0	2153.50	336.00	2159.82	83.77	55.00	43.30	245.00	300.00	0.0
0.85	5.00	2169.00	2153.50	336.00	2159.56	66.09	0.0	42.22	0.0	0.0	0.0
0.85	5.00	2169.00	2153.50	336.00	2159.81	72.01	55.00	43.26	245.00	300.00	0.0
0.85	30.00	2169.00	2153.50	336.00	2159.64	67.78	0.0	42.52	0.0	0.0	0.0
0.85	30.00	2169.00	2153.50	336.00	2159.88	73.45	55.00	43.50	245.00	300.00	0.0
0.85	5.00	0.0	2153.50	336.00	2159.69	103.68	0.0	42.77	0.0	0.0	0.0
0.85	5.00	0.0	2153.50	336.00	2159.93	113.16	55.00	43.72	245.00	300.00	0.0
0.85	50.00	0.0	2154.30	336.00	2159.60	34.11	0.0	18.59	0.0	0.0	0.0
0.85	50.00	0.0	2154.30	336.00	2159.85	37.67	55.00	19.29	245.00	300.00	0.0
0.94	300.00	0.0	2158.30	260.00	2163.14	21.58	0.0	17.27	0.0	0.0	0.0
0.94	300.00	0.0	2158.30	260.00	2163.01	20.38	55.00	16.91	245.00	300.00	0.0
1.02	345.00	0.0	2165.40	260.00	2169.26	17.21	0.0	17.10	0.0	0.0	0.0
1.02	345.00	0.0	2165.40	260.00	2169.33	17.89	40.00	19.77	365.00	405.00	0.0
1.13	620.00	0.0	2176.80	244.00	2180.96	19.71	0.0	23.72	0.0	0.0	0.0
1.13	620.00	0.0	2176.80	244.00	2180.99	19.00	27.00	20.89	135.00	162.00	0.0
1.13	20.00	0.0	2176.80	244.00	2181.18	26.39	0.0	16.18	0.0	0.0	0.0
1.13	20.00	0.0	2176.80	244.00	2181.29	27.84	27.00	16.35	135.00	162.00	0.0
1.13	30.00	2187.20	2176.80	244.00	2181.43	17.25	0.0	16.59	0.0	0.0	0.0
1.13	30.00	2187.20	2176.80	244.00	2181.51	17.94	27.00	16.71	135.00	162.00	0.0
1.13	10.00	0.0	2176.80	244.00	2181.98	41.64	0.0	29.54	0.0	0.0	0.0
1.13	10.00	0.0	2176.80	244.00	2181.98	38.80	27.00	22.44	135.00	162.00	0.0
1.29	700.00	0.0	2191.40	220.00	2194.81	10.32	0.0	8.65	0.0	0.0	0.0
1.29	700.00	0.0	2191.40	220.00	2194.83	10.44	30.00	8.67	35.00	65.00	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN FL ROADWAY	MAX EL OF (CH_CORD)	MIN FL DISCHARGE (CES)	CWSEL	TO	PERENC	TOPWID	STENCIL	STENC	MSELK
1.29	20.00	0.0	2191.40	220.00	2196.24	20.73	0.0	42.15	0.0	0.0	0.0
1.29	20.00	0.0	2191.40	220.00	2196.16	18.94	30.00	20.98	35.00	65.00	0.0
1.29	30.00	2194.90	2194.20	220.00	2197.50	45.49	0.0	84.86	0.0	0.0	0.0
1.29	30.00	2194.90	2194.20	220.00	2197.36	33.57	30.00	30.00	35.00	65.00	0.0
1.29	10.00	0.0	2191.40	220.00	2197.53	46.19	0.0	85.03	0.0	0.0	0.0
1.29	10.00	0.0	2191.40	220.00	2197.41	34.29	30.00	30.00	35.00	65.00	0.0
1.41	570.00	0.0	2206.80	204.00	2211.61	15.54	0.0	63.36	0.0	0.0	0.0
1.41	570.00	0.0	2206.80	204.00	2210.46	12.66	26.00	26.00	184.00	210.00	0.0
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH C	CWSEL DIFF EACH SECTION	CWSEL-MSELK	TOPWID	T.W. DIFF	LENGTH			
0.640	430.000	2150.500	0.0	0.0	0.0	341.036	0.0	0.0			
0.640	430.000	2151.500	1.000	0.0	0.0	88.113	252.923	0.0			
0.750	370.000	2153.829	0.0	3.329	0.0	15.656	0.0	510.000			
0.750	370.000	2154.859	1.031	3.359	0.0	18.106	-2.449	510.000			
0.750	370.000	2155.459	0.0	1.631	0.0	19.541	0.0	50.000			
0.750	370.000	2155.552	0.093	0.693	0.0	19.760	-0.219	50.000			
0.750	370.000	2158.954	0.0	3.455	0.0	282.278	0.0	30.000			
0.750	370.000	2158.930	-0.024	3.378	0.0	49.999	232.279	30.000			
0.750	370.000	2158.956	0.0	0.001	0.0	282.135	0.0	10.000			
0.750	370.000	2158.934	-0.021	0.004	0.0	49.999	232.136	10.000			
0.850	336.000	2159.045	0.0	0.089	0.0	19.566	0.0	465.000			
0.850	336.000	2159.406	0.361	0.472	0.0	20.503	-1.017	465.000			
0.850	336.000	2159.566	0.0	0.521	0.0	42.262	0.0	50.000			
0.850	336.000	2159.824	0.258	0.418	0.0	43.300	-1.038	50.000			
0.850	336.000	2159.555	0.0	-0.011	0.0	42.224	0.0	5.000			
0.850	336.000	2159.814	0.259	-0.010	0.0	43.256	-1.031	5.000			
0.850	336.000	2159.635	0.0	0.080	0.0	42.520	0.0	30.000			
0.850	336.000	2159.881	0.246	0.067	0.0	43.503	-0.984	30.000			
0.850	336.000	2159.651	0.0	0.056	0.0	42.767	0.0	5.000			
0.850	336.000	2159.930	0.239	0.049	0.0	43.724	-0.957	5.000			
0.850	336.000	2159.604	0.0	-0.088	0.0	18.588	0.0	50.000			
0.850	336.000	2159.852	0.249	-0.078	0.0	19.293	-0.706	50.000			
0.940	260.000	2163.141	0.0	3.528	0.0	17.273	0.0	300.000			
0.940	260.000	2163.010	-0.131	3.158	0.0	16.906	0.367	300.000			
1.020	260.000	2165.261	0.0	6.120	0.0	17.096	0.0	345.000			
1.020	260.000	2169.332	0.071	6.322	0.0	19.766	-2.669	345.000			
1.130	244.000	2180.956	0.0	11.654	0.0	23.721	0.0	620.000			
1.130	244.000	2180.987	0.031	11.655	0.0	20.887	2.834	620.000			
1.130	244.000	2181.178	0.0	0.223	0.0	16.183	0.0	20.000			
1.130	244.000	2181.251	0.113	0.504	0.0	16.362	-0.179	20.000			
1.130	244.000	2181.432	0.0	0.254	0.0	16.588	0.0	30.000			

PROFILE	TYPE	ENC	TARGET	AREA-ACRES	TOP WIDTH	TOP WIDTH	TOP WIDTH	AREA-DIFF
1.130	244.000	2181.578	0.0	0.546	0.0	29.540	0.0	10.000					
1.130	244.000	2181.980	0.003	0.466	0.0	22.444	7.096	10.000					
1.250	220.000	2194.805	0.0	12.831	0.0	8.646	0.0	700.000					
1.250	220.000	2194.831	0.022	12.850	0.0	8.670	-0.024	700.000					
1.250	220.000	2196.740	0.0	1.422	0.0	42.147	0.0	20.000					
1.250	220.000	2196.164	-0.076	1.334	0.0	20.983	21.164	20.000					
1.250	220.000	2197.504	0.0	1.263	0.0	86.857	0.0	30.000					
1.250	220.000	2197.362	-0.141	1.158	0.0	29.994	54.858	30.000					
1.250	220.000	2197.530	0.0	0.076	0.0	55.033	0.0	10.000					
1.250	220.000	2197.413	-0.117	0.051	0.0	29.999	55.034	10.000					
1.410	204.000	2210.606	0.0	13.076	0.0	63.355	0.0	570.000					
1.410	204.000	2210.460	-0.146	13.047	0.0	25.999	37.356	570.000					

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	AREA-ACRES	TOP WIDTH	TOP WIDTH	TOP WIDTH	AREA-DIFF
1	0.0	0.0	5.788	0.0				
2	1.000	26.000	2.307	-3.481				

HFC2 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 TRANSYLVANIA CO., N.C. 230
T2 500-YEAR FLOOD DEC. 1976 231
T3 LIMEKILN BRANCH 232

J1	ICHECK	INQ	NINV	INR	SIRT	METRIC	HVINS	Q	WSEL	FO	
	0.	5.	0.	0.	0.001350	0.0	0.0	0.	2149.000	0.0	233
J2	NPROF	IFLCT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000

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 TRANSYLVANIA CO., N.C. 1ST YEAR - 15 L.D.P. UNIT 217
T2 50-YEAR FLOOD DEC. 1976 218
T3 LIMEKILN BR. 219

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
0. -3.7 0. 0. 0.001350 0.0 0.0 0. 2157.5 2147.000 0.0 220

J2 NPROF IPLCT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
2.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 -0.0- 0.000
15

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

*Red in for FW
 Make changes to*

T1 TRANSYLVANIA CO., N.C. 1
 T2 10 YEAR FLOOD DEC. 1976 2
 T3 LIMEKILN BRANCH 3

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ		
	0.	<i>(2.5)</i>	0.	0.	0+001350	0.0	0.0	0.	<i>(2146.600)</i>	0.0	5	
J2	NPROF	IFLCT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE		
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	<i>(15)</i> 0.0	0.000	
NC	0.080	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	10
QT	6.000	200.000	340.000	430.000	650.000	430.000	430.000	430.000	0.0	0.0	0.0	11
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	<i>(0.0)</i> <i>(7.50)</i>	<i>(0.0)</i> <i>(3.30)</i>	0.0	12
X1	0.640	24.000	188.000	200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
GR	2168.600	0.0	2161.300	100.000	2155.000	170.000	2149.700	188.000	2146.600	189.000	189.000	15
GR	2146.300	193.000	2146.600	197.000	2150.200	200.000	2150.000	240.000	2150.000	252.000	252.000	16
GR	2150.000	262.000	2149.000	300.000	2148.900	400.000	2148.300	406.000	2148.500	410.000	410.000	17
GR	2148.300	418.000	2149.500	500.000	2153.300	600.000	2158.300	653.000	2158.500	667.000	667.000	18
GR	2160.300	677.000	2160.100	700.000	2164.900	800.000	2167.600	880.000	0.0	0.0	0.0	19
NC	0.080	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	20
QT	6.000	176.000	257.000	380.000	560.000	370.000	370.000	0.0	0.0	0.0	0.0	21
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	<i>(0.0)</i> <i>(2.50)</i>	<i>(0.0)</i> <i>(3.40)</i>	0.0	22
X1	0.750	19.000	292.000	313.000	630.000	380.000	510.000	0.0	0.0	0.0	0.0	23
GR	2171.000	62.000	2160.300	200.000	2160.000	207.000	2156.700	260.000	2155.600	292.000	292.000	25
GR	2150.400	297.000	2150.200	300.000	2150.400	304.500	2156.400	313.000	2158.700	347.000	347.000	26
GR	2158.800	363.000	2158.000	400.000	2154.600	411.000	2156.700	420.000	2156.400	480.000	480.000	27
GR	2158.100	500.000	2161.000	520.000	2164.200	542.000	2171.000	607.000	0.0	0.0	0.0	28
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	<i>(0.0)</i> <i>(2.50)</i>	<i>(0.0)</i> <i>(3.40)</i>	0.0	0.0	30
X1	0.750	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0	0.0	31
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2158.800	2157.800	0.0	0.0	32
NC	0.080	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	35
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	<i>(0.0)</i> <i>(2.50)</i>	<i>(0.0)</i> <i>(3.40)</i>	0.0	0.0	36
SB	0.0	1.600	3.000	0.0	7.500	0.0	30.000	0.0	2150.400	2150.400	0.0	37
X1	0.750	0.0	297.000	304.500	30.000	30.000	30.000	0.0	0.0	0.0	0.0	38
X2	0.0	0.0	1.000	2154.700	2158.700	0.0	0.0	0.0	0.0	0.0	0.0	39
BT	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2158.700	2158.700	0.0	0.0	40
BT	10.000	62.000	<i>(2171.000)</i>	0.0	200.000	<i>(2160.300)</i>	0.0	<i>(207.000)</i>	<i>(2169.000)</i>	0.0	0.0	41
BT	<i>(297.000)</i>	<i>(2158.700)</i>	0.0	297.000	2158.700	2154.700	304.500	2158.700	2154.700	<i>(400.000)</i>	<i>(340)</i>	42
BT	<i>(2159.000)</i>	0.0	<i>(520.000)</i>	<i>(2161.000)</i>	0.0	542.000	2164.200	0.0	607.000	2171.000	0.0	43
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
NC	0.100	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	50
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	<i>(0.0)</i> <i>(2.50)</i>	<i>(0.0)</i> <i>(3.40)</i>	0.0	0.0	51

X1	0.750	19.000	292.000	313.000	10.000	10.000	10.000	0.0	0.0	0.0	52
GR	2171.000	62.000	2160.300	200.000	2160.000	207.000	2156.700	260.000	2155.600	292.000	53
GR	2150.400	297.000	2150.200	300.000	2150.400	304.500	2156.400	313.000	2158.700	347.000	54
GR	2158.800	363.000	2158.000	400.000	2154.600	411.000	2156.700	420.000	2156.400	480.000	55
GR	2158.100	500.000	2161.000	520.000	2164.200	542.000	2171.000	607.000	0.0	0.0	56
NC	0.100	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	60
ET	6.000	156.000	258.000	336.000	495.000	336.000	336.000	0.0	0.0	0.0	61
	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	62
								230	315		
X1	0.850	14.000	263.000	286.000	235.000	735.000	465.000	0.0	0.0	0.0	63
GR	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.000	263.000	2155.000	266.000	65
GR	2153.900	267.000	2153.400	270.000	2153.700	274.000	2155.400	275.000	2160.100	286.000	66
GR	2159.700	385.000	2162.100	480.000	2164.700	536.000	2180.000	637.000	0.0	0.0	67
NC	0.090	0.090	0.065	0.100	0.500	0.0	0.0	0.0	0.0	0.0	68
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	70
								230	315		
X1	0.850	22.000	246.000	290.000	50.000	50.000	50.000	0.0	0.0	0.0	71
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2171.000	2168.000	0.0	72
GP	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.400	246.000	2153.800	246.000	75
GR	2157.000	260.000	2156.100	261.000	2153.900	267.000	2153.500	270.000	2155.000	274.000	76
GR	2156.000	275.000	2158.500	285.000	2159.000	286.000	2160.000	290.000	2160.000	300.000	77
GR	2159.700	385.000	2160.000	400.000	2162.000	480.000	2163.000	500.000	2164.700	536.000	78
GR	2169.200	567.000	2180.000	637.000	0.0	0.0	0.0	0.0	0.0	0.0	79
NC	0.100	0.080	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	80
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	81
								230	315		
X1	0.850	0.0	246.000	236.000	5.000	5.000	5.000	0.0	0.0	0.0	82
BT	22.000	0.0	2177.000	0.0	190.000	2172.000	0.0	246.000	2171.000	0.0	85
	246.000	2171.000	2169.000	260.000	2170.800	2168.800	260.000	2170.800	2157.000	261.000	86
	2170.800	2156.200	261.000	2170.800	2168.800	274.000	2170.600	2168.600	274.000	2170.600	87
BT	2154.600	275.000	2170.500	2155.500	275.000	2170.500	2168.600	285.000	2170.400	2168.400	88
BT	285.000	2170.400	2158.600	286.000	2170.300	2159.000	286.000	2170.300	2168.300	300.000	89
BT	2170.200	2168.200	300.000	2170.200	0.0	400.000	2169.000	0.0	500.000	2169.000	90
BT	0.0	567.000	2169.200	0.0	637.000	2180.000	0.0	0.0	0.0	0.0	91
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	100
								230	315		
X1	0.850	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	101
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	102
NC	0.090	0.090	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	105
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	106
								230	315		
X1	0.850	22.000	246.000	290.000	5.000	5.000	5.000	0.0	0.0	0.0	107
X3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2171.000	2169.000	0.0	108
GP	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.400	246.000	2153.800	246.000	109
GR	2157.000	260.000	2156.100	261.000	2153.900	267.000	2153.500	270.000	2155.000	274.000	110
GR	2156.000	275.000	2158.500	285.000	2159.000	286.000	2160.000	290.000	2160.000	300.000	111
GR	2159.700	385.000	2160.000	400.000	2162.000	480.000	2163.000	500.000	2164.700	536.000	112
GR	2169.200	567.000	2180.000	637.000	0.0	0.0	0.0	0.0	0.0	0.0	113
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	120
								230	315		
X1	0.850	14.000	263.000	286.000	50.000	50.000	50.000	0.0	0.900	0.0	121
	2173.700	0.0	2167.700	86.000	2162.300	190.000	2161.000	263.000	2155.000	266.000	122
GR	2153.900	267.000	2153.400	270.000	2153.700	274.000	2155.400	275.000	2160.100	286.000	123
GR	2159.700	385.000	2162.100	480.000	2164.700	536.000	2180.000	637.000	0.0	0.0	124
NC	0.100	0.100	0.065	0.100	0.500	0.0	0.0	0.0	0.0	0.0	130
QT	6.000	120.000	194.000	260.000	370.000	260.000	260.000	0.0	0.0	0.0	131
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	-0.0	-0.0	0.0	132
								230	315		

ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1.020	11.000	380.000	400.000	315.000	565.000	345.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133
GR	2190.000	57.000	2182.200	100.000	2175.900	149.000	2173.400	200.000	2170.400	2170.400	300.000	0.0	0.0	0.0	134
GR	2169.300	380.000	2165.700	383.000	2165.400	385.000	2165.700	390.000	2176.700	2176.700	400.000	0.0	0.0	0.0	135
NC	2190.000	462.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136
QT	0.100	0.100	0.065	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140
ET	6.000	114.000	182.000	244.000	348.000	244.000	244.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142
X1	1.130	18.000	140.000	162.000	550.000	500.000	620.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143
GR	2200.000	31.000	2192.200	50.000	2191.700	56.000	2187.500	65.000	2186.600	2186.600	67.000	0.0	0.0	0.0	145
GR	2187.400	84.000	2186.400	110.000	2179.000	140.000	2177.200	147.000	2176.800	2176.800	147.000	0.0	0.0	0.0	146
GR	2176.800	152.000	2178.500	157.000	2184.900	162.000	2188.700	223.000	2189.000	2189.000	250.000	0.0	0.0	0.0	147
GR	2189.600	279.000	2195.000	291.000	2208.000	296.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148
NC	0.120	0.120	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151
X1	1.130	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2186.200	2186.200	0.0	0.0	0.0	153
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160
SB	0.0	1.600	3.000	0.0	5.000	0.0	25.000	0.0	2176.800	2176.800	2176.800	0.0	0.0	0.0	161
X1	1.130	0.0	147.000	152.000	30.000	30.000	30.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162
X2	0.0	0.0	1.000	2181.800	2187.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2187.200	2187.200	2187.200	0.0	0.0	0.0	0.0	164
BT	12.000	31.000	2200.000	0.0	50.000	2192.200	0.0	0.0	2191.700	2191.700	0.0	0.0	0.0	0.0	165
BT	65.000	2187.500	0.0	147.000	2187.200	0.0	147.000	56.000	2187.200	2181.800	152.000	0.0	0.0	0.0	166
BT	2187.200	2181.800	223.000	2187.800	0.0	250.000	2189.000	2187.200	2189.000	279.000	2189.600	0.0	0.0	0.0	167
BT	0.0	291.000	2195.000	0.0	296.000	2200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168
NC	0.120	0.120	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	171
X1	1.130	18.000	140.000	162.000	10.000	10.000	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172
GR	2200.000	31.000	2192.200	50.000	2191.700	56.000	2187.500	65.000	2186.600	2186.600	67.000	0.0	0.0	0.0	173
GR	2187.400	84.000	2186.400	110.000	2179.000	140.000	2177.200	147.000	2176.800	2176.800	147.000	0.0	0.0	0.0	174
GR	2176.800	152.000	2178.500	152.000	2184.900	162.000	2188.700	223.000	2189.000	2189.000	250.000	0.0	0.0	0.0	175
GR	2189.600	279.000	2195.000	291.000	2200.000	296.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176
NC	0.120	0.120	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180
QT	6.000	105.000	162.000	220.000	319.000	220.000	220.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182
X1	1.290	15.000	46.000	56.000	840.000	640.000	700.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183
GR	2212.800	0.0	2202.200	20.000	2192.800	27.000	2195.800	32.000	2195.900	2195.900	46.000	0.0	0.0	0.0	184
GR	2191.400	48.000	2191.400	49.000	2191.400	51.500	2191.400	53.000	2196.200	2196.200	56.000	0.0	0.0	0.0	185
GR	2196.900	70.000	2196.500	89.000	2194.900	100.000	2201.800	139.000	2215.000	2215.000	175.000	0.0	0.0	0.0	186
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190
X1	1.290	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	191
NC	0.120	0.120	0.050	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193
SB	0.0	1.600	3.000	0.0	2.500	0.0	7.000	0.0	2191.400	2191.400	2191.400	0.0	0.0	0.0	194
X1	1.290	0.0	49.000	51.500	30.000	30.000	30.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	195
X2	0.0	0.0	1.000	2194.200	2194.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2194.900	2194.900	0.0	0.0	0.0	0.0	197
BT	13.000	0.0	2212.800	0.0	2202.200	2202.200	0.0	0.0	2194.900	2194.900	0.0	0.0	0.0	0.0	198

355
 395
 405
 125
 152
 725
 752
 76
 75
 35
 35
 35
 95
 33
 95

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

MEKILN BRANCH

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN FL GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWID	10K*5	TIME	VOL
0.64	C.0	0.0	0.0	2146.30	200.00	2149.86	0.0	2149.88	254.40	13.69	0.0	0.0
0.64	0.0	0.0	0.0	2146.30	340.00	2150.29	0.0	2150.31	334.67	13.51	0.0	0.0
0.64	C.0	0.0	0.0	2146.30	430.00	2150.50	0.0	2150.52	341.01	13.46	0.0	0.0
0.64	C.0	0.0	0.0	2146.30	650.00	2150.93	0.0	2150.95	353.83	13.52	0.0	0.0
0.75	510.00	0.0	0.0	2150.20	176.00	2152.59	2152.59	2153.51	12.72	356.67	0.02	1.25
0.75	510.00	0.0	0.0	2150.20	297.00	2153.41	2153.41	2154.59	14.65	338.02	0.01	1.88
0.75	510.00	0.0	0.0	2150.20	380.00	2153.88	2153.88	2155.20	15.77	327.13	0.01	2.24
0.75	510.00	0.0	0.0	2150.20	560.00	2154.72	2154.72	2156.31	18.68	318.20	0.01	2.99
0.75	50.00	0.0	0.0	2150.20	176.00	2153.95	0.0	2154.22	15.92	65.76	0.02	1.29
0.75	50.00	0.0	0.0	2150.20	297.00	2154.96	0.0	2155.35	18.35	72.81	0.02	1.93
0.75	50.00	0.0	0.0	2150.20	380.00	2155.53	0.0	2155.98	19.68	76.58	0.02	2.30
0.75	50.00	0.0	0.0	2150.20	560.00	2156.53	0.0	2157.12	21.00	79.71	0.01	3.07
0.75	30.00	2158.70	2154.70	2150.20	176.00	2154.15	0.0	2154.59	16.41	153.75	0.02	1.31
0.75	30.00	2158.70	2154.70	2150.20	297.00	2157.28	0.0	2157.40	21.00	13.65	0.02	1.99
0.75	30.00	2158.70	2154.70	2150.20	380.00	2158.99	0.0	2159.01	283.14	1.91	0.03	2.53
0.75	30.00	2158.70	2154.70	2150.20	560.00	2159.50	0.0	2159.52	294.97	2.48	0.02	3.36
0.75	10.00	0.0	0.0	2150.20	176.00	2154.50	0.0	2154.68	17.26	38.16	0.02	1.32
0.75	10.00	0.0	0.0	2150.20	297.00	2157.35	0.0	2157.41	166.80	7.58	0.02	2.03
0.75	10.00	0.0	0.0	2150.20	380.00	2158.99	0.0	2159.01	282.98	2.05	0.03	2.67
0.75	10.00	0.0	0.0	2150.20	560.00	2159.51	0.0	2159.53	294.79	2.68	0.03	3.53
0.85	465.00	0.0	0.0	2153.40	156.00	2157.05	0.0	2157.38	13.89	98.92	0.05	1.78
0.85	465.00	0.0	0.0	2153.40	258.00	2157.99	0.0	2158.44	16.56	105.83	0.05	3.72
0.85	465.00	0.0	0.0	2153.40	336.00	2159.08	0.0	2159.47	19.67	71.67	0.06	6.84
0.85	465.00	0.0	0.0	2153.40	495.00	2159.57	0.0	2160.20	21.05	108.57	0.05	8.76
0.85	50.00	0.0	0.0	2153.50	156.00	2157.60	0.0	2157.66	35.41	30.21	0.06	1.84
0.85	50.00	0.0	0.0	2153.50	258.00	2158.64	0.0	2158.71	39.27	25.80	0.05	3.81
0.85	50.00	0.0	0.0	2153.50	336.00	2159.59	0.0	2159.66	42.37	19.12	0.06	6.97
0.85	50.00	0.0	0.0	2153.50	495.00	2160.37	0.0	2160.47	44.00	23.12	0.05	8.91
0.85	5.00	2169.00	2169.00	2153.50	156.00	2157.61	0.0	2157.69	35.44	29.84	0.06	1.85
0.85	5.00	2169.00	2169.00	2153.50	258.00	2158.63	0.0	2158.74	39.26	32.43	0.05	3.82
0.85	5.00	2169.00	2169.00	2153.50	336.00	2159.58	0.0	2159.70	42.33	25.37	0.06	6.99
0.85	5.00	2169.00	2169.00	2153.50	495.00	2160.35	0.0	2160.52	168.05	31.61	0.05	8.93
0.85	30.00	2169.00	2169.00	2153.50	156.00	2157.70	0.0	2157.77	35.80	27.21	0.06	1.90
0.85	30.00	2169.00	2169.00	2153.50	258.00	2158.73	0.0	2158.84	39.45	29.65	0.06	3.89
0.85	30.00	2169.00	2169.00	2153.50	336.00	2159.66	0.0	2159.77	42.62	24.16	0.07	7.07
0.85	30.00	2169.00	2169.00	2153.50	495.00	2160.45	0.0	2160.61	172.14	29.06	0.06	9.05
0.85	5.00	0.0	0.0	2153.50	156.00	2157.73	0.0	2157.79	35.89	15.33	0.06	1.91
0.85	5.00	0.0	0.0	2153.50	258.00	2158.78	0.0	2158.85	39.57	13.18	0.06	3.90
0.85	5.00	0.0	0.0	2153.50	336.00	2159.72	0.0	2159.78	48.42	10.31	0.07	7.09
0.85	5.00	0.0	0.0	2153.50	495.00	2160.55	0.0	2160.62	175.82	10.50	0.06	9.08

SECTION CHANNEL MIN EL OF MAX EL OF DISCHARGE CWSEL CRWS EG TOPWID 10K*S TIME VOL

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MIN EL OF LOW CHORO	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWID	10K*S	TIME	VOL
0.85	50.00	0.0	0.0	2154.30	156.00	2157.72	0.0	2158.13	13.25	127.35	0.07	1.97
C.85	50.00	0.0	0.0	2154.30	258.00	2158.71	0.0	2159.22	16.06	124.69	0.06	4.00
0.85	50.00	0.0	0.0	2154.30	336.00	2159.63	0.0	2160.10	18.66	94.98	0.07	7.22
C.85	50.00	0.0	0.0	2154.30	495.00	2160.38	0.0	2161.04	20.79	116.10	0.06	9.28
0.94	300.00	0.0	0.0	2158.30	120.00	2161.73	0.0	2161.97	13.24	127.74	0.09	2.18
0.94	300.00	0.0	0.0	2158.30	194.00	2162.68	0.0	2162.97	15.94	123.80	0.08	4.31
0.94	300.00	0.0	0.0	2158.30	260.00	2163.13	0.0	2163.52	17.23	146.85	0.09	7.60
0.94	300.00	0.0	0.0	2158.30	370.00	2164.23	0.0	2164.63	20.35	122.60	0.08	9.79
1.02	345.00	0.0	0.0	2165.40	120.00	2167.90	0.0	2168.31	13.23	277.41	0.11	2.40
1.02	345.00	0.0	0.0	2165.40	194.00	2168.62	0.0	2169.14	15.25	267.65	0.10	4.62
1.02	345.00	0.0	0.0	2165.40	260.00	2169.27	0.0	2169.81	17.12	226.37	0.10	7.98
1.02	345.00	0.0	0.0	2165.40	370.00	2169.83	2169.07	2170.50	51.22	239.30	0.09	10.33
1.13	620.00	0.0	0.0	2176.80	114.00	2179.87	0.0	2180.10	17.68	136.00	0.15	2.78
1.13	620.00	0.0	0.0	2176.80	182.00	2180.54	0.0	2180.84	21.45	137.76	0.13	5.16
1.13	620.00	0.0	0.0	2176.80	244.00	2180.94	0.0	2181.33	23.70	153.96	0.14	8.67
1.13	620.00	0.0	0.0	2176.80	348.00	2181.65	0.0	2182.10	27.68	149.45	0.12	11.28
1.13	20.00	0.0	0.0	2176.80	114.00	2180.09	0.0	2180.28	14.48	62.63	0.15	2.79
1.13	20.00	0.0	0.0	2176.80	182.00	2180.75	0.0	2181.04	15.52	72.84	0.14	5.18
1.13	20.00	0.0	0.0	2176.80	244.00	2181.17	0.0	2181.55	16.16	86.56	0.14	8.69
1.13	20.00	0.0	0.0	2176.80	348.00	2181.85	0.0	2182.37	17.24	96.41	0.12	11.31
1.13	30.00	2187.20	2181.80	2176.80	114.00	2180.30	0.0	2180.63	14.82	160.89	0.15	2.81
1.13	30.00	2187.20	2181.80	2176.80	182.00	2180.98	0.0	2181.46	15.89	178.88	0.14	5.21
1.13	30.00	2187.20	2181.80	2176.80	244.00	2181.42	0.0	2182.05	16.58	201.60	0.14	8.72
1.13	30.00	2187.20	2181.80	2176.80	348.00	2186.59	0.0	2186.67	22.00	6.26	0.13	11.38
1.13	10.00	0.0	0.0	2176.80	114.00	2180.60	0.0	2180.72	21.77	30.69	0.15	2.82
1.13	10.00	0.0	0.0	2176.80	182.00	2181.40	0.0	2181.56	26.26	32.84	0.14	5.22
1.13	10.00	0.0	0.0	2176.80	244.00	2181.97	0.0	2182.17	29.52	34.46	0.14	8.74
1.13	10.00	0.0	0.0	2176.80	348.00	2186.64	0.0	2186.68	37.38	3.18	0.13	11.43
1.29	700.00	0.0	0.0	2191.40	105.00	2193.60	2193.0	2194.53	7.35	449.14	0.18	3.30
1.29	700.00	0.0	0.0	2191.40	162.00	2194.26	2194.26	2195.43	8.06	447.89	0.16	5.91
1.29	700.00	0.0	0.0	2191.40	220.00	2194.81	2194.81	2196.20	8.65	454.22	0.16	9.60
1.29	700.00	0.0	0.0	2191.40	319.00	2196.15	2196.15	2197.19	40.01	263.80	0.15	14.44
1.29	20.00	0.0	0.0	2191.40	105.00	2194.65	0.0	2195.00	8.47	121.96	0.18	3.31
1.29	20.00	0.0	0.0	2191.40	162.00	2195.48	0.0	2195.94	16.63	130.54	0.16	5.92
1.29	20.00	0.0	0.0	2191.40	220.00	2196.24	0.0	2196.69	42.15	112.58	0.16	9.62
1.29	20.00	0.0	0.0	2191.40	319.00	2197.18	0.0	2197.51	82.56	74.39	0.16	14.47
1.29	30.00	2194.90	2194.20	2191.40	105.00	2196.19	0.0	2196.30	40.72	27.04	0.18	3.33
1.29	30.00	2194.90	2194.20	2191.40	162.00	2196.52	0.0	2196.71	52.78	43.34	0.16	5.95
1.29	30.00	2194.90	2194.20	2191.40	220.00	2196.72	0.0	2196.99	67.61	62.51	0.17	9.66
1.29	30.00	2194.90	2194.20	2191.40	319.00	2197.19	0.0	2197.51	82.74	71.93	0.16	14.55

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRHS	EG	TOPWID	10K*5	TIME	VOL
1.29	10.00	0.0	0.0	2191.40	105.00	2196.22	0.0	2196.33	41.63	26.12	0.19	3.35
1.29	10.00	0.0	0.0	2191.40	162.00	2196.58	0.0	2196.75	56.63	40.67	0.17	5.97
1.29	10.00	0.0	0.0	2191.40	220.00	2196.81	0.0	2197.05	74.13	56.06	0.17	9.68
1.29	10.00	0.0	0.0	2191.40	319.00	2197.30	0.0	2197.58	83.42	63.54	0.16	14.58
1.41	570.00	0.0	0.0	2206.80	99.00	2209.47	2209.47	2210.25	13.38	355.89	0.21	3.78
1.41	570.00	0.0	0.0	2206.80	147.00	2210.20	2210.20	2210.79	49.11	203.28	0.19	6.64
1.41	570.00	0.0	0.0	2206.80	204.00	2210.65	2210.65	2211.12	64.03	157.57	0.20	10.60
1.41	570.00	0.0	0.0	2206.80	288.00	2210.97	2210.97	2211.48	68.87	170.49	0.19	15.86

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.640	200.000	2149.859	0.0	0.0	0.0	254.397	0.0	0.0
0.640	340.000	2150.285	0.426	0.0	0.0	334.671	-80.274	0.0
0.640	430.000	2150.499	0.213	0.0	0.0	341.010	-86.613	0.0
0.640	650.000	2150.930	0.431	0.0	0.0	353.831	-99.434	0.0
0.750	176.000	2152.554	0.0	2.735	0.0	12.721	0.0	510.000
0.750	257.000	2153.407	0.813	3.121	0.0	14.653	-1.932	510.000
0.750	380.000	2153.878	0.471	3.379	0.0	15.774	-3.053	510.000
0.750	560.000	2154.720	0.842	3.790	0.0	18.682	-5.961	510.000
0.750	176.000	2153.946	0.0	1.352	0.0	15.922	0.0	50.000
0.750	297.000	2154.962	1.016	1.555	0.0	18.351	-2.429	50.000
0.750	380.000	2155.525	0.564	1.648	0.0	19.678	-3.756	50.000
0.750	560.000	2156.531	1.005	1.811	0.0	21.000	-5.078	50.000
0.750	176.000	2154.150	0.0	0.204	0.0	16.411	0.0	30.000
0.750	297.000	2157.276	3.126	2.314	0.0	21.000	-4.589	30.000
0.750	380.000	2158.992	1.716	3.466	0.0	283.135	-266.725	30.000
0.750	560.000	2159.505	0.513	2.974	0.0	294.966	-278.555	30.000
0.750	176.000	2154.500	0.0	0.350	0.0	17.258	0.0	10.000
0.750	297.000	2157.354	2.854	0.078	0.0	166.795	-149.538	10.000
0.750	380.000	2158.993	1.639	0.001	0.0	282.981	-265.723	10.000
0.750	560.000	2159.506	0.513	0.001	0.0	294.789	-277.532	10.000
0.850	156.000	2157.049	0.0	2.549	0.0	13.889	0.0	465.000
0.850	258.000	2157.990	0.941	0.636	0.0	16.561	-2.671	465.000
0.850	336.000	2159.084	1.094	0.091	0.0	19.675	-5.785	465.000
0.850	495.000	2159.571	0.487	0.065	0.0	21.050	-7.160	465.000
0.850	156.000	2157.604	0.0	0.554	0.0	35.411	0.0	50.000
0.850	258.000	2158.637	1.033	0.646	0.0	39.273	-3.863	50.000
0.850	336.000	2159.593	0.956	0.509	0.0	42.373	-6.962	50.000
0.850	495.000	2160.368	0.775	0.797	0.0	44.000	-8.589	50.000
0.850	156.000	2157.609	0.0	0.005	0.0	35.435	0.0	5.000
0.850	258.000	2158.631	1.023	-0.006	0.0	39.262	-3.827	5.000
0.850	336.000	2159.582	0.951	-0.011	0.0	42.332	-6.896	5.000
0.850	495.000	2160.351	0.769	-0.017	0.0	168.047	-132.612	5.000
0.850	156.000	2157.699	0.0	0.091	0.0	35.795	0.0	30.000
0.850	258.000	2158.731	1.032	0.100	0.0	39.450	-3.655	30.000
0.850	336.000	2159.661	0.930	0.079	0.0	42.622	-6.827	30.000
0.850	495.000	2160.453	0.792	0.102	0.0	172.140	-136.344	30.000
0.850	156.000	2157.732	0.0	0.032	0.0	35.890	0.0	5.000
0.850	258.000	2158.785	1.053	0.054	0.0	39.571	-3.681	5.000
0.850	336.000	2159.716	0.931	0.054	0.0	48.423	-12.532	5.000

U.02U	V.22.000	Z.400.242	U.83U	U.00V3	V.0U	L.12.021	-1.39.931	2.000
0.850	156.000	2157.724	0.0	-0.007	0.0	13.248	0.0	50.000
0.850	158.000	2158.713	0.989	-0.072	0.0	16.059	-2.811	50.000
0.850	336.000	2159.629	0.916	-0.086	0.0	18.662	-5.413	50.000
C.850	495.000	2160.376	0.747	-0.169	0.0	20.786	-7.538	50.000
0.940	120.000	2161.732	0.0	4.008	0.0	13.241	0.0	300.000
C.940	194.000	2162.677	0.945	3.964	0.0	15.944	-2.703	300.000
0.940	260.000	2163.126	0.449	3.497	0.0	17.234	-3.993	300.000
0.940	370.000	2164.227	1.101	3.851	0.0	20.354	-7.113	300.000
1.020	120.000	2167.903	0.0	6.171	0.0	13.232	0.0	345.000
1.020	194.000	2168.617	0.714	5.940	0.0	15.253	-2.021	345.000
1.020	260.000	2169.269	0.652	6.143	0.0	17.117	-3.885	345.000
1.020	370.000	2169.835	0.566	5.608	0.0	17.216	-4.3984	345.000
1.130	114.000	2179.872	0.0	11.969	0.0	17.681	0.0	620.000
1.130	182.000	2180.540	0.668	11.923	0.0	21.448	-3.766	620.000
1.130	244.000	2180.943	0.403	11.674	0.0	23.699	-6.018	620.000
1.130	348.000	2181.652	0.709	11.817	0.0	27.677	-9.996	620.000
1.130	114.000	2180.087	0.0	0.215	0.0	14.482	0.0	20.000
1.130	182.000	2180.750	0.663	0.210	0.0	15.518	-1.036	20.000
1.130	244.000	2181.166	0.416	0.223	0.0	16.163	-1.681	20.000
1.130	348.000	2181.854	0.688	0.203	0.0	17.242	-2.760	20.000
1.130	114.000	2180.302	0.0	0.215	0.0	14.819	0.0	30.000
1.130	182.000	2180.978	0.676	0.228	0.0	15.877	-1.057	30.000
1.130	244.000	2181.425	0.447	0.259	0.0	16.576	-1.757	30.000
1.130	348.000	2186.592	5.167	4.738	0.0	22.000	-7.181	30.000
1.130	114.000	2180.599	0.0	0.297	0.0	21.767	0.0	10.000
1.130	182.000	2181.398	0.799	0.420	0.0	26.264	-4.497	10.000
1.130	244.000	2181.974	0.576	0.549	0.0	29.516	-7.748	10.000
1.130	348.000	2186.636	4.663	0.044	0.0	87.385	-65.617	10.000
1.290	165.000	2193.599	0.0	13.001	0.0	7.353	0.0	700.000
1.290	182.000	2194.257	0.658	12.859	0.0	8.056	-0.703	700.000
1.290	220.000	2194.809	0.552	12.835	0.0	8.646	-1.293	700.000
1.290	319.000	2196.146	1.337	9.509	0.0	40.007	-32.654	700.000
1.290	165.000	2194.647	0.0	1.048	0.0	8.474	0.0	20.000
1.290	182.000	2195.476	0.828	1.219	0.0	16.630	-8.156	20.000
1.290	220.000	2196.240	0.765	1.432	0.0	42.147	-33.673	20.000
1.290	319.000	2197.177	0.936	1.031	0.0	82.556	-74.082	20.000
1.290	165.000	2196.194	0.0	1.547	0.0	40.721	0.0	30.000
1.290	182.000	2196.523	0.329	1.048	0.0	52.782	-12.061	30.000
1.290	220.000	2196.720	0.197	0.479	0.0	67.614	-26.893	30.000
1.290	319.000	2197.188	0.468	0.011	0.0	82.739	-42.018	30.000
1.290	165.000	2196.224	0.0	0.030	0.0	41.624	0.0	10.000
1.290	182.000	2196.576	0.352	0.052	0.0	56.634	-15.006	10.000
1.290	220.000	2196.807	0.231	0.088	0.0	74.130	-32.502	10.000
1.290	319.000	2197.295	0.488	0.108	0.0	83.418	-41.790	10.000
1.410	99.000	2209.468	0.0	13.244	0.0	13.377	0.0	570.000
1.410	147.000	2210.203	0.735	13.627	0.0	49.113	-35.735	570.000
1.410	204.000	2210.650	0.448	13.843	0.0	54.026	-50.649	570.000
1.410	288.000	2210.967	0.317	13.672	0.0	68.871	-55.494	570.000

DATA FOR LAST CROSS SECTION
 PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH AREA-DIFF
 AREA-ACRES AREA-ACRES