
 HFC2 VERSICK 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 5
 T2 100 YEAR Floodway 10
 T3 MASON CREEK 11-16-76 SFA 15

J1 ICHECK INC NINV ICIR STRT METRIC HVINS Q WSEL FQ
 0. 6. 0. 0. 0.0 0.0 0.0 0. 2155.530 0.0 20

J2 NPROF IPLOT 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 15.000 0.000

J3 1.000 34.000 36.000 4.000 27.000 28.000 9.000 0.0 0.0 0.0 22
 NC 0.070 0.070 0.045 0.100 0.500 0.0 0.0 0.0 0.0 0.0 25
 QT 6.000 800.000 1300.000 1650.000 2500.000 1650.000 1650.000 0.0 0.0 0.0 30
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 35

X1 0.180 21.000 400.000 420.000 0.0 0.0 0.0 0.0 0.0 0.0 40
 GR 2164.000 0.0 2161.000 17.000 2159.500 45.000 2158.000 110.000 2157.200 143.000 45
 GR 2156.000 225.000 2155.100 300.000 2154.000 400.000 2149.900 405.000 2149.300 411.000 50
 GR 2149.300 413.000 2150.000 416.000 2153.500 420.000 2153.200 500.000 2153.000 522.000 55
 GR 2154.300 544.000 2158.900 600.000 2153.100 642.000 2154.200 678.000 2159.500 700.000 60
 GR 2168.000 735.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 65
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 70

X1 0.180 0.0 0.0 0.0 30.000 30.000 30.000 0.0 0.0 0.0 75
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 2155.200 2155.200 0.0 80
 SB 0.0 1.600 2.600 0.0 20.000 0.0 112.500 0.0 2149.300 2149.300 85
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 90

X1 0.180 0.0 0.0 0.0 30.000 30.000 30.000 0.0 0.0 0.0 95
 X2 0.0 0.0 1.000 2155.600 2157.300 0.0 0.0 0.0 0.0 0.0 100
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 2157.300 2157.300 0.0 105
 BT 19.000 0.0 2200.000 0.0 17.000 2200.000 0.0 45.000 2200.000 0.0 110
 BT 110.000 2200.000 0.0 143.000 2200.000 0.0 350.000 2200.000 0.0 350.000 115
 BT 2157.300 0.0 400.000 2157.300 0.0 400.000 2158.000 2155.600 420.000 2158.000 120
 BT 2155.600 420.000 2157.400 0.0 480.000 2157.700 0.0 480.000 2200.000 0.0 125
 BT 544.000 2200.000 0.0 600.000 2200.000 0.0 642.000 2200.000 0.0 678.000 130
 BT 2200.000 0.0 700.000 2200.000 0.0 735.000 2200.000 0.0 0.0 0.0 135
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 140

X1 0.180 0.0 0.0 0.0 30.000 30.000 30.000 0.0 0.0 0.0 145
 FL 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 150

X1 0.200 27.000 372.000 450.000 30.000 30.000 30.000 0.0 0.0 0.0 155
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 2162.700 2161.700 0.0 160
 GR 2169.000 30.000 2162.500 65.000 2160.500 100.000 2158.100 200.000 2157.500 250.000 165
 GR 2155.900 372.000 2154.900 372.000 2152.000 377.000 2152.300 386.000 2152.600 307.000 170

GR	2153.000	439.000	2155.000	417.000	2155.000	427.000	2156.100	430.000	2150.600	433.000	175
GR	2154.100	573.000	2155.300	594.000	2154.100	695.000	2154.500	475.000	2154.200	550.000	180
GR	2164.300	765.000	2169.000	765.000	2154.100	0.0	2154.600	710.000	2155.200	727.000	195
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	195

XI	0.200	41.000	372.000	450.000	5.000	5.000	5.000	0.0	0.0	0.0	200
BT	16.000	30.000	2170.500	0.0	65.000	2109.900	0.0	100.000	2169.000	0.0	205
BT	200.000	2166.500	0.0	250.000	2165.200	0.0	372.000	2162.700	0.0	210	
BT	2162.700	2160.400	450.000	2161.700	2159.200	450.000	2161.700	0.0	475.000	2161.700	215
BT	0.0	550.000	2161.900	0.0	573.000	2162.100	0.0	594.000	2162.300	0.0	220
BT	695.000	2163.300	0.0	765.000	2164.200	0.0	785.000	2169.000	0.0	225	
GR	2170.500	30.000	2165.800	65.000	2165.000	100.000	2166.500	200.000	2165.200	250.000	235
GR	2162.700	372.000	2152.900	372.000	2152.600	377.000	2152.300	384.000	2160.200	354.000	240
GR	2160.200	385.000	2152.300	385.000	2152.400	397.000	2160.000	397.000	2160.800	398.000	245
GR	2152.400	398.000	2150.500	410.000	2159.800	410.000	2159.800	411.000	2150.500	411.000	250
GR	2149.900	417.000	2150.100	427.000	2159.400	427.000	2159.400	427.000	2150.100	427.000	255
GR	2150.100	430.000	2150.600	433.000	2152.000	439.000	2159.400	439.000	2159.400	440.000	260
GR	2162.300	594.000	2154.900	450.000	2161.700	475.000	2161.900	550.000	2162.100	573.000	265
GR	2169.000	785.000	2163.300	695.000	2163.400	710.000	2163.700	727.000	2164.200	765.000	270
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	275
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	280

X1	0.200	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	285
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	290
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	295

X1	0.200	27.000	372.000	450.000	5.000	5.000	5.000	0.0	0.0	0.0	300
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2162.000	2162.000	0.0	301
GR	2169.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	305
GR	2155.500	372.000	2154.900	372.000	2152.600	377.000	2152.300	384.000	2150.400	397.000	310
GR	2150.500	410.000	2149.900	417.000	2150.100	427.000	2150.100	430.000	2150.600	433.000	315
GR	2153.000	439.000	2155.000	442.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	320
GR	2154.100	573.000	2155.300	554.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	325
GR	2164.300	765.000	2169.000	765.000	2154.100	0.0	0.0	0.0	0.0	0.0	330
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	335

X1	0.440	20.000	345.000	367.000	1345.000	1345.000	1345.000	0.0	0.0	0.0	385
GR	2181.200	41.000	2176.300	54.000	2172.500	66.000	2166.200	150.000	2163.400	250.000	390
GR	2163.400	324.000	2161.500	345.000	2161.100	350.000	2159.100	352.000	2159.100	366.000	395
GR	2162.600	367.000	2164.400	371.000	2162.900	422.000	2163.000	407.000	2164.700	409.000	400
GR	2164.500	450.000	2166.000	550.000	2164.900	615.000	2176.200	671.000	2183.000	720.000	405
NC	0.060	0.990	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	410
ET	6.000	300.000	500.000	650.000	1000.000	650.000	650.000	0.0	0.0	0.0	415
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	460.000	515.000	0.0	420

X1	0.600	21.000	474.000	500.000	800.000	800.000	800.000	0.0	-7.200	0.0	425
GR	2196.000	20.000	2189.400	80.000	95.000	2183.800	100.000	2183.600	200.000	403.000	430
GR	2180.400	300.000	2179.200	400.000	474.000	2174.500	481.000	2173.200	483.000	500.000	435
GR	2171.500	483.000	2172.300	490.000	498.000	2174.400	500.000	2180.000	500.000	500.000	440

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T1 TRANSYLANIA CO 5
 T2 100 YEAR 10
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J1 ICHECK INC NINV ICIR STRT METRIC HVINS Q WSEL FQ 20
 0. 6. 0. 0. 0.0 0.0 0.0 0. 2155.530 0.0

J2 NPROF IPILOT PREVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE 0.000
 0.0 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 15.000

J3 1.000 34.000 36.000 4.000 27.000 28.000 9.000 0.0 0.0 0.0 0.0 22
 NC 0.070 0.070 0.045 0.100 0.500 0.0 0.0 0.0 0.0 0.0 0.0 25
 QT 6.000 800.000 1300.000 1650.000 2500.000 1650.000 1650.000 0.0 0.0 0.0 0.0 30
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 0.0 35

X1 0.180 21.000 400.000 420.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 40
 GR 2164.000 0.0 2161.000 17.000 2159.500 45.000 2158.000 110.000 2157.200 143.000 0.0 45
 GR 2156.000 225.000 2155.100 300.000 2154.000 400.000 2149.900 405.000 2149.300 411.000 0.0 50
 GR 2149.300 413.000 2150.000 416.000 2153.500 420.000 2153.200 500.000 2153.000 522.000 0.0 55
 GR 2154.300 544.000 2158.900 600.000 2153.100 642.000 2154.200 678.000 2159.500 700.000 0.0 60
 GR 2168.000 735.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 65
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 0.0 70

X1 0.180 0.0 0.0 0.0 30.000 30.000 30.000 0.0 0.0 0.0 0.0 75
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 2155.200 2155.200 0.0 0.0 80
 SB 0.0 1.600 2.600 0.0 20.000 0.0 112.500 0.0 2149.300 2149.300 0.0 85
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 0.0 90

X1 0.180 0.0 0.0 0.0 30.000 30.000 30.000 0.0 0.0 0.0 0.0 95
 X2 0.0 0.0 1.000 2155.600 2157.300 0.0 0.0 0.0 0.0 0.0 0.0 100
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 2157.300 2157.300 0.0 0.0 105
 BT 19.000 0.0 2200.000 0.0 17.000 2200.000 0.0 45.000 2200.000 0.0 0.0 110
 BT 110.000 2200.000 0.0 143.000 2200.000 0.0 350.000 2200.000 0.0 350.000 115
 BT 2157.300 0.0 400.000 2157.300 0.0 400.000 2158.000 2155.600 420.000 2158.000 120
 BT 2155.600 420.000 2157.400 0.0 480.000 2157.700 0.0 480.000 2200.000 0.0 0.0 125
 BT 544.000 2200.000 0.0 600.000 2200.000 0.0 642.000 2200.000 0.0 678.000 130
 BT 2200.000 0.0 700.000 2200.000 0.0 735.000 2200.000 0.0 0.0 0.0 0.0 135
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 0.0 140

X1 0.180 0.0 0.0 0.0 30.000 30.000 30.000 0.0 0.0 0.0 0.0 145
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 350.000 480.000 0.0 0.0 150

X1 0.200 27.000 372.000 450.000 30.000 30.000 30.000 0.0 0.0 0.0 0.0 155
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 2162.700 2161.700 0.0 0.0 160
 GR 2169.000 30.000 2162.500 65.000 2160.500 100.000 2158.100 200.000 2157.500 250.000 0.0 165
 GR 2155.900 372.000 2154.900 372.000 2152.600 377.000 2152.300 384.000 2152.400 397.000 0.0 170

GR	2150.500	410.000	2149.900	417.000	2150.100	427.000	2150.100	430.000	2150.600	433.000	175
GR	2153.000	439.000	2155.000	442.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	180
GR	2154.100	573.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	185
GR	2164.300	765.000	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	190
FT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	195
X1	0.200	41.000	372.000	450.000	5.000	5.000	5.000	0.0	0.0	0.0	200
BT	16.000	30.000	2170.500	0.0	65.000	2169.800	0.0	100.000	2169.000	0.0	205
BT	200.000	2166.500	0.0	250.000	2165.200	0.0	372.000	2162.700	0.0	372.000	210
BT	2162.700	2160.400	450.000	2161.700	2159.200	450.000	2161.700	0.0	475.000	2161.700	215
BT	0.0	550.000	2161.900	0.0	573.000	2162.100	0.0	594.000	2162.300	0.0	220
BT	695.000	2163.300	0.0	765.000	2164.200	0.0	785.000	2169.000	0.0	0.0	225
GR	2170.000	30.000	2169.800	65.000	2169.000	100.000	2166.500	200.000	2165.200	250.000	235
GR	2162.700	372.000	2154.900	372.000	2152.600	377.000	2152.300	384.000	2160.200	384.000	240
GR	2160.200	385.000	2152.300	385.000	2152.400	397.000	2160.000	397.000	2160.000	398.000	245
GR	2152.400	398.000	2150.500	410.000	2159.800	410.000	2159.800	411.000	2150.500	411.000	250
GR	2149.900	417.000	2150.100	427.000	2159.600	427.000	2159.600	427.000	2150.100	427.000	255
GR	2150.100	430.000	2150.600	433.000	2153.000	439.000	2159.400	439.000	2159.400	440.000	260
GR	2153.000	440.000	2154.900	450.000	2161.700	475.000	2161.900	550.000	2162.100	573.000	265
GR	2162.300	594.000	2163.300	695.000	2163.400	710.000	2163.700	727.000	2164.200	765.000	270
GR	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	275
FT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	280
X1	0.200	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	285
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	290
FT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	295
X1	0.200	27.000	372.000	450.000	5.000	5.000	5.000	0.0	0.0	0.0	300
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2162.000	2162.000	0.0	301
GR	2169.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	305
GR	2155.900	372.000	2154.900	372.000	2152.600	377.000	2152.300	384.000	2152.400	397.000	310
GR	2150.500	410.000	2149.900	417.000	2150.100	427.000	2150.100	430.000	2150.600	433.000	315
GR	2153.000	439.000	2155.000	442.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	320
GR	2154.100	573.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	325
GR	2164.300	765.000	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	330
FT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	350.000	480.000	0.0	335
X1	0.200	22.000	405.000	427.000	40.000	40.000	40.000	0.0	0.0	0.0	340
GR	2169.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	345
GR	2155.900	372.000	2155.500	405.000	2150.400	412.000	2149.800	417.000	2150.100	423.000	350
GR	2150.100	425.000	2155.200	427.000	2154.900	420.000	2154.500	475.000	2154.200	550.000	355
GR	2154.100	573.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	360
GR	2164.300	765.000	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	365
NC	0.000	0.000	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	370
QT	6.000	800.000	1300.000	1650.000	2500.000	1300.000	1300.000	1300.000	0.0	0.0	375
FT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	335.000	380.000	0.0	380
X1	0.440	20.000	345.000	367.000	1345.000	1345.000	1345.000	0.0	0.0	0.0	385
GR	2181.200	41.000	2176.300	54.000	2172.500	66.000	2166.200	150.000	2163.400	250.000	390
GR	2163.400	324.000	2161.500	345.000	2161.100	350.000	2159.100	352.000	2159.100	366.000	395
GR	2162.600	367.000	2164.400	371.000	2162.500	402.000	2163.000	407.000	2164.700	409.000	400
GR	2164.500	450.000	2166.000	550.000	2166.900	615.000	2176.200	671.000	2180.000	700.000	405
NC	0.060	0.000	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	410
QT	6.000	300.000	500.000	650.000	1000.000	650.000	650.000	650.000	0.0	0.0	415
FT	0.0	0.0	0.0	0.0	0.0	0.0	8.100	460.000	515.000	0.0	420
X1	0.600	21.000	474.000	500.000	800.000	800.000	800.000	0.0	-7.200	0.0	425
GR	2196.000	20.000	2189.400	80.000	2181.000	95.000	2183.800	100.000	2183.600	200.000	430
GR	2180.400	300.000	2179.200	400.000	2180.400	474.000	2174.500	481.000	2173.200	483.000	435
GR	2171.500	483.000	2172.300	490.000	2174.400	498.000	2174.400	500.000	2180.000	500.000	440

 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 640
 T2 100 YEAR FLOODWAY 645
 T3 MASON CREEK 11-16-76 SFA 650

J1 YCHECK INC NINV ICIR STRT METPIC HVINS 0 WSEL FQ
 -10. 7. 0. 0. 0.0 0.0 0.0 0. 2156.530 0.0 655

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC 1BW CHNIM ITRACE
 15.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 15.000 0.0

CCHV= 0.100 CEHV= 0.500

SECNO	DEPTH	CWSEL	CPIWS	WSELK	EG	IV	HL	OLOSS	BANK	ELEV
Q	QLQB	QCH	QRCB	ALQB	ACH	APOB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	ICC	ICONT	CORAR	TOPWID	ENDST	

3470 ENCROACHMENT STATIONS= 350.0 480.0 TYPE= 1 TARGET= 130.000

0.18	7.23	2156.53	0.0	2156.53	2156.94	0.41	0.0	0.0	2154.00
1650.	275.	806.	569.	113.	119.	189.	0.	0.	2153.50
0.0	2.44	6.79	3.02	0.070	0.045	0.070	0.0	2149.30	350.00
0.004709	0.	0.	0.	0	0	1	0.0	130.00	480.00

FLOW DISTRIBUTION

STA= 350. 400. 420. 480.

PER O=	16.7	48.8	34.5
AREA=	112.7	118.7	189.5
VEL=	2.4	6.8	3.0

3470 ENCROACHMENT STATIONS= 350.0 480.0 TYPE= 1 TARGET= 130.000

0.18	7.42	2156.72	0.0	0.0	2157.08	0.36	0.13	0.01	2154.00
1650.	289.	783.	577.	122.	122.	200.	0.	0.	2153.50
0.00	2.37	6.40	2.89	0.070	0.045	0.070	0.044	2149.30	350.00
0.004013	30.	30.	30.	2	0	1	0.0	130.00	480.00

FLCM DISTRIBUTION

STA= 350. 400. 420. 480.

PER O=	17.5	47.5	35.0
ARFA=	122.1	122.4	199.8
VEL=	2.4	6.4	2.9

SPECIAL BRIDGE

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

MASON CREEK 11-16-76 SFA

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHCRD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TO	PERENC	TOPWID	STENCL	STENCR	WSELK
0.18	0.0	0.0	0.0	2149.30	1650.00	2155.53	232.58	0.0	353.93	0.0	0.0	2155.53
0.18	0.0	0.0	0.0	2149.30	1650.00	2156.53	240.44	130.00	130.00	350.00	480.00	2156.53
0.18	30.00	0.0	0.0	2149.30	1650.00	2155.73	268.84	0.0	375.61	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	1650.00	2156.72	260.45	130.00	130.00	350.00	480.00	0.0
0.18	30.00	2157.30	2155.60	2149.30	1650.00	2158.67	1240.23	0.0	611.74	0.0	0.0	0.0
0.18	30.00	2157.30	2155.60	2149.30	1650.00	2158.84	532.45	130.00	130.00	350.00	480.00	0.0
0.18	30.00	0.0	0.0	2149.30	1650.00	2158.68	1239.53	0.0	611.65	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	1650.00	2158.87	536.82	130.00	130.00	350.00	480.00	0.0
0.20	30.00	0.0	0.0	2149.90	1650.00	2158.62	584.38	0.0	78.00	0.0	0.0	0.0
0.20	30.00	0.0	0.0	2149.90	1650.00	2158.88	623.66	130.00	78.00	350.00	480.00	0.0
0.20	5.00	2161.70	2160.40	2149.90	1650.00	2158.62	382.91	0.0	87.67	0.0	0.0	0.0
0.20	5.00	2161.70	2160.40	2149.90	1650.00	2158.89	404.99	130.00	88.69	350.00	480.00	0.0
0.20	20.00	2161.70	2160.40	2149.90	1650.00	2158.66	385.54	0.0	87.80	0.0	0.0	0.0
0.20	20.00	2161.70	2160.40	2149.90	1650.00	2158.92	406.89	130.00	88.78	350.00	480.00	0.0
0.20	5.00	0.0	0.0	2149.90	1650.00	2158.67	590.73	0.0	78.00	0.0	0.0	0.0
0.20	5.00	0.0	0.0	2149.90	1650.00	2158.93	620.85	130.00	78.00	350.00	480.00	0.0
0.20	40.00	0.0	0.0	2149.80	1650.00	2158.83	1055.92	0.0	572.76	0.0	0.0	0.0
0.20	40.00	0.0	0.0	2149.80	1650.00	2158.93	379.49	130.00	130.00	350.00	480.00	0.0
0.44	1345.00	0.0	0.0	2159.10	1300.00	2164.53	129.27	0.0	207.26	0.0	0.0	0.0
0.44	1345.00	0.0	0.0	2159.10	1300.00	2164.53	96.94	45.00	45.00	335.00	380.00	0.0
0.60	800.00	0.0	0.0	2164.30	650.00	2171.28	88.25	0.0	23.72	0.0	0.0	0.0
0.60	800.00	0.0	0.0	2164.30	650.00	2172.52	122.78	55.00	25.19	460.00	515.00	0.0
0.64	170.00	0.0	0.0	2171.50	650.00	2176.28	39.16	0.0	21.12	0.0	0.0	0.0
0.64	170.00	0.0	0.0	2171.50	650.00	2176.28	39.16	55.00	21.12	460.00	515.00	0.0
0.64	30.00	0.0	0.0	2171.50	650.00	2177.64	67.75	0.0	22.73	0.0	0.0	0.0
0.64	30.00	0.0	0.0	2171.50	650.00	2177.64	67.74	55.00	22.73	460.00	515.00	0.0
0.64	30.00	2183.60	2181.50	2171.50	650.00	2177.87	52.20	0.0	23.00	0.0	0.0	0.0
0.64	30.00	2183.60	2181.50	2171.50	650.00	2177.87	52.20	55.00	23.00	460.00	515.00	0.0
0.64	20.00	0.0	0.0	2171.50	650.00	2178.59	91.47	0.0	23.86	0.0	0.0	0.0
0.64	20.00	0.0	0.0	2171.50	650.00	2178.59	91.47	55.00	23.86	460.00	515.00	0.0
0.85	1200.00	0.0	0.0	2198.70	630.00	2202.80	39.48	0.0	67.30	0.0	0.0	0.0
0.85	1200.00	0.0	0.0	2198.70	630.00	2202.71	37.08	55.00	53.38	60.00	115.00	0.0
1.02	0.0	0.0	0.0	2204.50	630.00	2208.60	39.43	0.0	67.14	0.0	0.0	0.0
1.02	0.0	0.0	0.0	2204.50	630.00	2208.55	37.85	55.00	55.00	60.00	115.00	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.180	1650.000	2155.529	0.0	0.0	0.0	353.927	0.0	0.0

0.180	1650.000	2156.529	1.000	0.0	0.0	129.999	223.928	0.0
0.180	1650.000	2155.732	0.0	0.203	0.0	375.606	0.0	30.000
0.180	1650.000	2156.716	0.983	0.186	0.0	129.999	245.607	30.000
0.180	1650.000	2158.672	0.0	2.940	0.0	611.745	0.0	30.000
0.180	1650.000	2158.842	0.169	2.126	0.0	129.999	481.746	30.000
0.180	1650.000	2158.677	0.0	0.005	0.0	611.646	0.0	30.000
0.180	1650.000	2158.872	0.194	0.030	0.0	129.999	481.647	30.000
0.200	1650.000	2158.615	0.0	-0.062	0.0	78.000	0.0	30.000
0.200	1650.000	2158.883	0.268	0.011	0.0	78.000	0.0	30.000
0.200	1650.000	2158.621	0.0	0.005	0.0	87.674	0.0	5.000
0.200	1650.000	2158.887	0.267	0.004	0.0	88.693	-1.019	5.000
0.200	1650.000	2158.659	0.0	0.039	0.0	87.797	0.0	20.000
0.200	1650.000	2158.922	0.263	0.034	0.0	88.780	-0.983	20.000
0.200	1650.000	2158.667	0.0	0.008	0.0	78.000	0.0	5.000
0.200	1650.000	2158.928	0.261	0.006	0.0	78.000	0.0	5.000
0.200	1650.000	2158.833	0.0	0.166	0.0	572.759	0.0	40.000
0.200	1650.000	2158.930	0.098	0.003	0.0	129.999	442.760	40.000
0.440	1300.000	2164.529	0.0	5.656	0.0	207.261	0.0	1345.000
0.440	1300.000	2164.529	-0.001	5.598	0.0	44.999	162.262	1345.000
0.600	650.000	2171.275	0.0	6.746	0.0	23.718	0.0	800.000
0.600	650.000	2172.516	1.241	7.988	0.0	25.190	-1.472	800.000
0.640	650.000	2176.283	0.0	5.008	0.0	21.116	0.0	170.000
0.640	650.000	2176.282	-0.001	3.766	0.0	21.116	0.000	170.000
0.640	650.000	2177.642	0.0	1.359	0.0	22.729	0.0	30.000
0.640	650.000	2177.642	0.0	1.360	0.0	22.729	0.0	30.000
0.640	650.000	2177.867	0.0	0.225	0.0	22.998	0.0	30.000
0.640	650.000	2177.867	0.0	0.225	0.0	22.998	0.0	30.000
0.640	650.000	2178.591	0.0	0.723	0.0	23.864	0.0	20.000
0.640	650.000	2178.591	0.0	0.723	0.0	23.864	0.0	20.000
0.850	630.000	2202.799	0.0	24.209	0.0	67.300	0.0	1200.000
0.850	630.000	2202.713	-0.086	24.123	0.0	53.376	13.924	1200.000
1.020	630.000	2208.597	0.0	5.798	0.0	67.136	0.0	0.0
1.020	630.000	2208.546	-0.051	5.823	0.0	54.999	12.137	0.0

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	17.156	0.0
2	1.000	55.000	5.038	-12.119

PFC2 VISION UPLINK AUG 1976
 ERPER CORRECTIONS J102003J4C50007CH09.10
 N FICATIONS 5253545556575859

JI	ICHECK	INC	NIRV	ICIR	STRT	MTRIC	HVIPS	Q	MSEL	FQ	
11											5
12											10
13											15
14											20
15											25
16											30
17											35
18											40
19											45
20											50
21											55
22											60
23											65
24											70
25											75
26											80
27											85
28											90
29											95
30											100
31											105
32											110
33											115
34											120
35											125
36											130
37											135
38											140
39											145
40											150
41											155
42											160
43											165
44											170
45											175
46											180
47											185
48											190
49											195
50											200

2091

XI	C-20	41.000	372.000	450.000	5.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	30.000	2170.500	0.0	2169.000	0.0	100.000	2169.000	0.0	2169.000	0.0	2169.000
BT	200.000	2100.500	0.0	250.000	2165.000	0.0	372.000	2162.700	0.0	372.000	0.0	210
BT	2162.000	2160.000	450.000	2161.700	2159.200	450.000	2161.700	0.0	475.000	2161.700	0.0	215
BT	0.0	0.0	2161.000	0.0	573.000	2162.100	0.0	594.000	2162.300	0.0	0.0	223
P	659.000	2163.000	0.0	765.000	2164.000	0.0	795.000	2169.000	0.0	0.0	0.0	225
GP	2170.500	30.000	2165.000	65.000	2169.000	100.000	2166.500	200.000	2165.200	250.000	250.000	235
GP	2162.700	2154.900	372.000	372.000	2152.000	377.000	2152.300	384.000	2160.700	394.000	394.000	240
GP	2162.300	385.000	2152.000	385.000	2152.400	397.000	2160.000	397.000	2159.000	398.000	398.000	245
GR	2152.000	410.000	2159.000	410.000	2159.000	410.000	411.000	411.000	2159.000	411.000	411.000	250
GR	2149.000	417.000	2152.000	427.000	2159.000	427.000	2156.600	427.000	2159.100	427.000	427.000	255
GP	2150.100	430.000	2159.000	430.000	2153.000	434.000	2159.400	434.000	2159.400	440.000	440.000	260
GP	2154.900	440.000	2156.900	450.000	2161.700	475.000	2161.900	550.000	2162.100	573.000	573.000	265
GP	2162.300	450.000	2163.300	695.000	2163.400	710.000	2163.700	727.000	2164.200	765.000	765.000	270
GK	2165.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	275
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	280

XI	0.200	0.0	0.0	0.0	20.000	20.000	0.0	0.0	0.0	0.0	0.0	285
X2	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	0.0	0.0	290
ET	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	0.0	295

XI	0.200	27.000	372.000	450.000	5.000	5.000	0.0	0.0	0.0	0.0	0.0	300
X3	10.000	0.0	0.0	0.0	0.0	0.0	2162.000	2162.000	2157.500	255.000	255.000	301
GR	2169.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	255.000	255.000	305
GP	2159.500	2154.900	372.000	417.000	2152.000	377.000	2152.300	384.000	2152.400	397.000	397.000	310
GP	2150.500	410.000	2149.000	417.000	2150.100	427.000	2150.100	430.000	2159.600	433.000	433.000	315
GR	2153.000	430.000	2159.000	447.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	550.000	320
GR	2154.100	450.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	727.000	325
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	330
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	335

XI	0.200	42.000	405.000	427.000	40.000	40.000	0.0	0.0	0.0	0.0	0.0	340
GF	2165.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	250.000	345
GR	2159.500	2154.900	372.000	405.000	2150.400	412.000	2149.800	417.000	2159.100	423.000	423.000	350
GR	2155.100	425.000	2155.200	527.000	2154.700	500.000	2154.500	475.000	2154.200	550.000	550.000	355
GR	2154.100	450.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	727.000	360
GP	2164.300	705.000	2165.000	785.000	2165.000	0.0	0.0	0.0	0.0	0.0	0.0	365
NC	0.000	0.045	0.100	0.100	0.500	0.0	0.0	0.0	0.0	0.0	0.0	370
CT	6.000	800.000	1300.000	1650.000	2500.000	1300.000	1370.000	0.0	0.0	0.0	0.0	375
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	380

XI	C.440	20.000	345.000	367.000	1345.000	1345.000	0.0	0.0	0.0	0.0	0.0	385
GR	2181.200	41.000	2174.300	54.000	2172.500	66.000	2166.200	150.000	2163.400	250.000	250.000	390
GR	2163.500	340.000	2161.500	345.000	2161.100	350.000	2159.100	352.000	2159.100	366.000	366.000	395
GR	2162.000	367.000	2164.400	371.000	2162.500	432.000	2163.000	407.000	2164.700	409.000	409.000	400
GR	2164.500	450.000	2166.000	550.000	2166.900	615.000	2176.200	671.000	2180.000	700.000	700.000	405
NC	0.000	0.090	0.150	0.150	0.500	0.0	0.0	0.0	0.0	0.0	0.0	410
CT	6.000	200.000	500.000	650.000	1000.000	650.000	650.000	0.0	0.0	0.0	0.0	415
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	420

XI	C.600	21.000	474.000	500.000	800.000	800.000	800.000	0.0	-7.200	0.0	0.0	425
GR	2196.000	20.000	2189.400	80.000	2181.000	95.000	2183.800	100.000	2183.600	200.000	200.000	430
GR	2180.400	300.000	2179.200	400.000	2190.400	474.000	2174.500	581.000	2173.200	633.000	633.000	435
GR	2171.500	400.000	2172.300	490.000	2174.400	498.000	2174.400	500.000	2180.000	500.000	500.000	440
GR	2180.000	510.000	2180.100	550.000	2180.400	600.000	2180.500	650.000	2185.400	700.000	700.000	445
GR	2190.000	713.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	450
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	0.0	455

 FEC2 VERSION UPDATED AUG 1976
 ERROR CORRECTILNS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 52,53,54,55,56,57,58,59

T1 TRANSYLVANIA CO. 5
 T2 10 YEAR 10
 T3 MASON CREEK 11-16-76 SFA 15

J1	ICHECK	INC	NINV	JDIR	SIRT	METRIC	HVINS	G	WSEI	EQ	
	0.	2.	0.	3.	-1.000000	0.0	0.0	0.	0.0	0.0	20
NC	0.070	0.070	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	25
QT	6.000	800.000	1300.000	1650.000	2500.000	1650.000	1650.000	0.0	0.0	0.0	30
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	35
X1	0.180	21.000	400.000	420.000	0.0	0.0	0.0	0.0	0.0	0.0	40
GR	2164.000	0.0	2161.000	17.000	2159.500	45.000	2158.000	110.000	2157.200	143.000	45
GR	2156.000	225.000	2155.100	300.000	2154.000	400.000	2149.900	405.000	2149.300	411.000	50
GR	2149.300	413.000	2150.000	416.000	2153.500	420.000	2153.200	500.000	2153.000	522.000	55
GR	2154.300	544.000	2158.900	600.000	2153.100	642.000	2154.200	678.000	2159.500	700.000	60
GR	2168.000	735.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	70
X1	0.180	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	75
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2155.200	2155.200	0.0	80
SH	0.0	1.000	2.600	0.0	20.000	0.0	112.500	2149.300	2149.300	0.0	85
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	90
X1	0.180	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	95
X2	0.0	0.0	1.000	2155.000	2157.300	0.0	0.0	0.0	0.0	0.0	100
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2157.300	2157.300	0.0	105
RT	19.000	0.0	2164.000	0.0	17.000	2161.000	0.0	45.000	2159.500	0.0	110
ET	110.000	2198.000	0.0	143.000	2157.800	0.0	225.000	2157.500	0.0	300.000	115
BT	2157.300	0.0	400.000	2157.300	0.0	400.000	2158.000	2155.600	420.000	2158.000	120
ET	2155.600	420.000	2157.900	0.0	500.000	2157.700	0.0	522.000	2158.000	0.0	125
BT	544.000	2158.200	0.0	600.000	2158.800	0.0	642.000	2159.100	0.0	678.000	130
ET	2159.300	0.0	700.000	2159.000	0.0	735.000	2168.000	0.0	0.0	0.0	135
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	140
X1	0.180	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	145
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	150
X1	0.200	27.000	372.000	450.000	30.000	30.000	30.000	0.0	0.0	0.0	155
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2162.700	2161.700	0.0	160
GR	2160.000	30.000	2162.500	45.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	165
GR	2155.900	372.000	2154.900	372.000	2152.600	377.000	2152.300	384.000	2152.400	397.000	170
GR	2150.500	410.000	2149.900	417.000	2150.100	427.000	2150.100	430.000	2150.600	433.000	175
GR	2153.000	439.000	2155.000	442.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	180
GR	2154.100	573.000	2155.300	594.000	2154.100	605.000	2154.600	710.000	2155.200	727.000	185
GR	2164.300	765.000	2164.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	190
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	195

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X1	0.200	41.000	372.000	450.000	5.000	5.000	5.000	0.0	0.0	0.0	200
BT	16.000	30.000	2170.500	0.0	65.000	2169.800	0.0	100.000	2169.000	0.0	205
BT	200.000	2166.500	0.0	250.000	2165.200	0.0	372.000	2162.700	0.0	372.000	210
BT	2162.700	2164.400	450.000	2161.700	2159.200	450.000	2161.700	0.0	475.000	2161.700	215
BT	0.0	550.000	2161.900	0.0	573.000	2162.100	0.0	594.000	2162.300	0.0	220
BT	695.000	2163.300	0.0	765.000	2164.200	0.0	785.000	2169.000	0.0	0.0	225
GF	2170.500	30.000	2169.800	65.000	2169.000	100.000	2166.500	200.000	2165.200	250.000	235
GF	2162.700	372.000	2154.900	372.000	2152.600	377.000	2152.300	384.000	2160.200	384.000	240
GF	2160.200	385.000	2152.300	385.000	2152.400	397.000	2160.000	397.000	2160.000	398.000	245
GF	2152.400	398.000	2150.500	410.000	2159.800	410.000	2159.800	411.000	2150.500	411.000	250
GF	2149.900	417.000	2150.100	427.000	2159.600	427.000	2159.600	427.000	2150.100	427.000	255
GF	2150.100	430.000	2150.600	433.000	2153.000	439.000	2159.400	439.000	2159.400	440.000	260
GF	2153.000	440.000	2154.900	450.000	2161.700	475.000	2161.900	550.000	2162.100	573.000	265
GF	2162.300	594.000	2163.300	695.000	2163.400	710.000	2163.700	727.000	2164.200	765.000	270
GF	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	275
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	280

X1	0.200	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	285
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	290
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	295

X1	0.200	21.000	372.000	450.000	5.000	5.000	5.000	0.0	0.0	0.0	300
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2162.000	2162.000	0.0	301
GF	2169.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	305
GF	2155.500	372.000	2154.900	372.000	2152.600	377.000	2152.300	384.000	2152.400	397.000	310
GF	2150.500	410.000	2149.900	417.000	2150.100	427.000	2150.100	430.000	2150.600	433.000	315
GF	2153.000	439.000	2155.000	442.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	320
GF	2154.100	573.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	325
GF	2164.300	785.000	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	330
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	335

X1	0.200	22.000	405.000	427.000	40.000	40.000	40.000	0.0	0.0	0.0	340
GF	2169.000	30.000	2162.500	65.000	2160.500	100.000	2158.100	200.000	2157.500	250.000	345
GF	2155.500	372.000	2155.500	405.000	2150.400	412.000	2149.800	417.000	2150.100	423.000	350
GF	2150.100	429.000	2155.200	427.000	2154.900	450.000	2154.500	475.000	2154.200	550.000	355
GF	2154.100	573.000	2155.300	594.000	2154.100	695.000	2154.600	710.000	2155.200	727.000	360
GF	2164.300	785.000	2169.000	785.000	0.0	0.0	0.0	0.0	0.0	0.0	365
GF	0.000	0.000	0.000	0.100	0.500	0.0	0.0	0.0	0.0	0.0	370
GF	0.000	800.000	1300.000	1650.000	2500.000	1300.000	1300.000	0.0	0.0	0.0	375
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	380

X1	0.400	20.000	345.000	367.000	1345.000	1345.000	1345.000	0.0	0.0	0.0	385
GF	2181.000	41.000	2170.300	64.000	2172.500	66.000	2166.200	150.000	2163.400	250.000	390
GF	2163.400	324.000	2161.500	345.000	2161.100	350.000	2159.100	352.000	2157.100	360.000	395
GF	2162.000	367.000	2164.400	371.000	2162.500	407.000	2163.000	407.000	2164.700	409.000	400
GF	2169.500	400.000	2165.000	500.000	2166.900	615.000	2170.200	671.000	2180.000	700.000	405
GF	0.000	0.000	0.000	0.100	0.500	0.0	0.0	0.0	0.0	0.0	410
GF	0.000	500.000	500.000	650.000	1000.000	650.000	650.000	0.0	0.0	0.0	415
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	420

X1	0.700	21.000	474.000	503.000	800.000	800.000	800.000	0.0	-7.200	0.0	425
GF	2181.000	40.000	2189.400	30.000	2181.000	95.000	2183.300	100.000	2183.600	200.000	430
GF	2180.400	300.000	2179.200	400.000	2180.500	474.000	2174.500	481.000	2173.200	483.000	435
GF	2171.500	400.000	2172.300	490.000	2174.400	498.000	2174.400	500.000	2180.000	500.000	440
GF	2181.000	510.000	2180.100	590.000	2180.400	600.000	2180.500	650.000	2185.400	700.000	445
GF	2190.000	710.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	450
ET	0.0	0.0	0.0	0.0	0.0	0.0	8.100	0.0	0.0	0.0	451

PROFILE FOR RIVER MASON CREEK 11-16-76 SFA

PLOTTED POINTS (BY PRIORITY)-E-ENERGY, W-WATER SURFACE, I-INVERT, C-CRITICAL W.S., L-LEFT BANK, R-RIGHT BANK, M-LOWER END STA

ELEVATION-FT 2140. 2150. 2160. 2170. 2180. 2190. 2200. 2210. 2220. 2230. 2240.

SECNO CUMDIS-FT

SECNO	CUMDIS-FT	2140.	2150.	2160.	2170.	2180.	2190.	2200.	2210.	2220.	2230.	2240.
C.18	G.	.	I.	WE	.	M	.	.	.	.	.	.
C.18	50.	.	I.	WF	.	M	.	.	.	.	.	.
C.18	100.	C	I.	LWE	.	M	.	.	.	.	.	.
C.18	150.	C	I.	LF	.	M	.	.	.	.	.	.
C.20	200.	C	I	RLF	.	M	.	.	.	.	.	.
C.20	250.	C	I	RE	.	L	M	.	.	.	.	.
C.20	300.	C	I	RE	.	L	M	.	.	.	.	.
C.20	350.	C	I	RLF	.	M	.	.	.	.	.	.
C.20	400.	C	I	RLF	.	M	.	.	.	.	.	.
	450.	C	I	RLF	.	M	.	.	.	.	.	.
	500.	C	I	LE	.	M	.	.	.	.	.	.
	550.	C	I	LE	.	M	.	.	.	.	.	.
	600.	C	I	LE	.	M	.	.	.	.	.	.
	650.	C	I	LE	.	M	.	.	.	.	.	.
	700.	C	I	LE	.	M	.	.	.	.	.	.
	750.	C	I	LE	.	M	.	.	.	.	.	.
	800.	C	I	LE	.	M	.	.	.	.	.	.
	850.	C	I	LWE	.	M	.	.	.	.	.	.
	900.	C	I	LE	.	M	.	.	.	.	.	.
	950.	C	I	LE	.	M	.	.	.	.	.	.
	1000.	C	I	LRE	.	M	.	.	.	.	.	.
	1050.	C	I	LRWE	.	M	.	.	.	.	.	.
	1100.	C	I	LF	.	M	.	.	.	.	.	.
	1150.	C	I	LE	.	M	.	.	.	.	.	.
	1200.	C	I	LRWE	.	M	.	.	.	.	.	.
	1250.	C	I	LRWE	.	M	.	.	.	.	.	.
	1300.	C	I	LF	.	M	.	.	.	.	.	.
	1350.	C	I	LF	.	M	.	.	.	.	.	.
	1400.	C	I	LRWE	.	M	.	.	.	.	.	.
	1450.	C	I	LRWE	.	M	.	.	.	.	.	.
	1500.	C	I	LR E	.	M	.	.	.	.	.	.
0.44	1550.	.	I.	LRWE	.	M	.	.	.	.	.	.
	1600.	C	I.	LRWF	.	M	.	.	.	.	.	.
	1650.	C	I	LR E	.	M	.	.	.	.	.	.
	1700.	C	I	LWE	.	M	.	.	.	.	.	.
	1750.	C	I	LWE	.	M	.	.	.	.	.	.
	1800.	C	I	LE	.	M	.	.	.	.	.	.
	1850.	C	I	WE	.	M	.	.	.	.	.	.
	1900.	C	I	WE	.	M	.	.	.	.	.	.
	1950.	C	I	ER	.	M	.	.	.	.	.	.
	2000.	C	I	WF	.	M	.	.	.	.	.	.
	2050.	C	I	FL	.	M	.	.	.	.	.	.
	2100.	C	I	FL	.	M	.	.	.	.	.	.
	2150.	C	I	WEL	.	M	.	.	.	.	.	.
	2200.	C	I	E.L	.	M	.	.	.	.	.	.
	2250.	C	I	E.L	.	M
	2300.	C	I	WE L	.	M
0.60	2350.	C	I	E L	.	M
	2400.	C	I	WE L	.	M
	2450.	C	I	WE L	.	M
	2500.	C	I	WE RL	.	M

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 REC2 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 640
 T2 50 YEAR 645
 T3 MASCN CREEK 11-16-76 SFA 650

J1 ICHECK INC NINV IDIR STPT METRIC HVINS Q WSEL EQ
 -10. 3. 0. 0. 0.005000 0.0 0.0 0. 0.0 0.0 655

J2 NPROF IFLCT PRFVS XSFCV XSECH FN ALLDC IRW CHNIM ITRACE
 2.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.000

CCHV= 0.100 CEHV= 0.500
 2096 WSEL NOT GIVEN, AVG OF MAX, MIN USED

3265 DIVIDED FLOW

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	WLCB	WCH	QRQB	ALCB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TYPE	VLCB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLEPF	XLCBL	XLCH	XLQRB	ITRIAL	IDC	ICONT	CDRAP	TOPWID	ENOST
0.18	5.92	2155.22	0.0	0.0	2155.49	0.27	0.0	0.0	2154.00
1300.	77.	549.	674.	68.	92.	311.	0.	0.	2153.50
0.0	1.14	5.93	2.17	0.070	0.045	0.070	0.0	2149.30	290.02
0.005019	0.	0.	0.	0	0	5	0.0	320.76	682.23

3265 DIVIDED FLOW

0.18	6.12	2155.43	0.0	0.0	2155.62	0.20	0.13	0.01	2154.00
1300.	105.	503.	692.	92.	97.	351.	0.	0.	2153.50
0.00	1.14	5.20	1.97	0.070	0.045	0.070	0.044	2149.30	272.62
0.003633	30.	30.	30.	2	0	1	0.0	343.08	683.10

SPECIAL BRIDGE

SP	XK	XKCF	COFO	WLEN	BWC	BWP	BARFA	SS	ELCHU	ELCHD
0.0	1.00	2.60	0.0	20.00	0.0	112.50	2149.30	2149.30	0.0	

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	F3	QWEIR	OPP	BARFA	BARFA/TRAP	ELLC	ELTRD
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 FEC2 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 CD 665
 T2 100 YEAR 670
 T3 MASON CREEK 11-16-76 SFA 675

J1 ICHECK INC NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -10. 4. 0. 0. 0.005000 0.0 0.0 0. 0.0 0.0 670
 J2 NPROP IFLCT PRFVS XSECV XSFCH FN ALLDC IBW CHNIM ITRACE
 3.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.000

CCHV= 0.100 CEHV= 0.500
 2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

3265 DIVIDED FLCH

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK FLEV
Q	VLCE	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCEL	XLCH	XLOOR	ITRIAL	IDG	ICONT	CDRAR	TOPWID	ENDST
0.18	6.23	2155.53	0.0	0.0	2155.80	0.27	0.0	0.0	2154.00
1650.	150.	012.	888.	106.	99.	371.	0.	0.	2153.50
0.0	1.42	6.20	2.39	0.070	0.045	0.070	0.0	2149.30	264.11
0.005028	0.	0.	0.	0	0	5	0.0	354.00	693.52

3265 DIVIDED FLCH

0.18	6.43	2155.73	0.0	0.0	2155.94	0.21	0.13	0.01	2154.00
1650.	183.	066.	901.	135.	103.	412.	0.	0.	2153.50
2.00	1.35	5.51	2.19	0.070	0.045	0.070	0.044	2149.30	247.11
0.003757	30.	30.	30.	2	0	1	0.0	375.81	684.37

SPECIAL PAGE

SH	XK	XKLR	CCFO	FDLEN	BWC	BWP	BAREA	SS	FLCHU	FLCHD
0.0		1.60	2.60	0.0	20.00	0.0	112.50	2149.30	2149.30	0.0

3265 DIVIDED FLCH

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	CWEIR	OPP	BAREA	BAREA/TRAP	ELLC	ELTRD
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 FEC2 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 690
 T2 SCC YEAR 695
 T3 MASON CREEK 11-16-76 SFA 700

J1 ICHECK IAC NINV IDIP STPT METRIL HVINS Q WSEL EQ
 -10. 5. 0. 0. 0.00500 0.0 0.0 0. 0.0 0.0 705

J2 APROF IFLT PRFS 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

CCHV= 0.100 CLHV= 0.500
 2056 WSEL NOT GIVEN, AVG OF MAX, MIN USED

3205 DIVIDED FLOW

SFCNO	DEPTH	WSEL	CFIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	WLOB	WCH	QRQB	ALOB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLLC	VCH	VRCB	XNL	XNGH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCBL	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST
0.18	0.84	2155.14	0.0	0.0	2156.42	0.28	0.0	0.0	2154.00
2500.	373.	743.	1383.	204.	111.	497.	0.	0.	2153.50
0.0	1.83	0.70	2.78	0.070	0.045	0.070	0.0	2142.30	215.34
0.005019	0.	0.	0.	0	0	5	0.0	417.17	686.06

3205 DIVIDED FLOW

0.18	7.04	2156.34	0.0	0.0	2156.56	0.27	0.13	0.01	2154.00
2500.	419.	0.97.	1384.	242.	115.	539.	1.	0.	2153.50
0.00	1.73	0.07	2.57	0.070	0.045	0.070	0.044	2149.30	201.94
0.003930	10.	30.	30.	2	0	1	0.0	435.18	686.87

SPECIAL BEIDGE

SP	AK	AKOR	COFQ	WPLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.0		1.00	2.60	0.0	20.00	0.0	112.50	2149.30	2149.30	0.0

3205 DIVIDED FLOW

PRESSURE AND WEIR FLOW

FGPRS	EGLWC	H3	CWEIR	GPR	BAREA	BAREA/TRAP	ELLC	ELTRD
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2168.61 2163.69 0.0 1405. 1097. 113. 85435. 2155.60 2157.30

C.18	9.37	2158.67	0.0	0.0	2158.70	0.03	2.14	0.0	2154.00
2500.	806.	397.	1297.	861.	162.	1110.	2.	1.	2153.50
C.01	0.54	2.46	1.17	0.070	0.045	0.070	0.044	2149.30	80.93
C.CCC439	30.	30.	30.	2	0	6	0.0	611.19	696.56

3265 DIVIDED FLOW

C.18	9.36	2158.68	0.0	0.0	2158.71	0.03	3.01	0.00	2154.00
2500.	807.	396.	1297.	865.	162.	1113.	3.	1.	2153.50
C.02	0.53	2.45	1.17	0.070	0.045	0.070	0.044	2149.30	80.40
C.CCC405	30.	30.	30.	2	0	1	0.0	612.00	696.61

OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2162.70 ELREA= 2161.70

C.20	8.64	2158.54	0.0	0.0	2158.90	0.37	0.02	0.17	2155.90
2500.	0.	2500.	0.	0.	515.	0.	4.	1.	2154.90
C.02	0.0	4.85	0.0	0.070	0.045	0.070	0.044	2149.90	372.00
C.CC1901	30.	30.	30.	2	0	1	0.0	78.00	450.00

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
C	QLCB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SICPF	XLCEL	XLCH	XLOBE	ITRIAL	IDC	ICONT	CORAP	TOPWID	ENDST

NORMAL BRIDGE, NPL=16 MIN ELIRC= 2161.70 MAX ELIC= 2160.40

0.20	8.65	2158.55	0.0	0.0	2158.92	0.37	0.01	0.00	2162.70
2500.	0.	2450.	50.	0.	498.	24.	4.	1.	2154.90
0.02	0.0	4.92	2.05	0.070	0.045	0.070	0.043	2149.90	372.00
0.004398	5.	5.	5.	0	0	1	-0.00	87.40	463.40

3265 DIVIDED FLW

NORMAL BRIDGE, NPL=16 MIN ELIRC= 2161.70 MAX ELIC= 2160.40

0.20	8.75	2158.65	0.0	0.0	2159.01	0.36	0.09	0.00	2162.70
2500.	0.	2447.	53.	0.	506.	26.	4.	1.	2154.90
0.02	0.0	4.84	2.05	0.070	0.045	0.070	0.043	2149.90	372.00
0.004209	0.	20.	20.	2	0	1	-0.00	87.79	463.79

OVERBANK AREA ASSUMED NON-EFFECTIVE, ELREA= 2162.00 ELREA= 2162.00

0.20	8.77	2158.67	0.0	0.0	2159.02	0.35	0.01	0.00	2155.90
2500.	0.	2500.	0.	0.	526.	0.	4.	1.	2154.90
0.02	0.0	4.75	0.0	0.070	0.045	0.070	0.043	2149.90	372.00
0.001783	5.	5.	5.	0	0	1	0.0	78.00	450.00

0.20	9.25	2159.05	0.0	0.0	2159.08	0.03	0.03	0.03	2155.50
2500.	380.	424.	1691.	479.	173.	1369.	6.	2.	2155.20
0.02	0.81	2.45	1.23	0.070	0.045	0.070	0.043	2149.80	160.34
0.000468	40.	40.	40.	2	0	1	0.0	582.74	743.08

CCPV= 0.100 CEHV= 0.500
 30PS 20 INITIALS USED WSEL, CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
C	QLCB	QCH	QROB	ALCB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SICPF	XLCEL	XLCH	XLOBE	ITRIAL	IDC	ICONT	CORAP	TOPWID	ENDST

0.44	0.44	2165.54	2165.54	0.0	2166.33	0.79	1.71	0.0	2161.50
2500.	011.	1238.	450.	305.	127.	165.	46.	16.	2162.50
0.09	2.06	9.76	2.74	0.090	0.045	0.070	0.045	2159.10	173.65
0.010268	1345.	1345.	1345.	30	18	1	0.0	345.53	519.17

CCHV= 10/100 CEHV 0.500

3265 DIVIDED FLCW

PRINTED IN U.S.A.

SECNO	DEPTH	CKSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLEB	QCH	QRQB	ALCB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCLL	XLCH	XLQRB	ITRIAL	IDC	ICONT	COFAR	TOPWID	ENDST

0.60	6.31	2172.61	0.0	0.0	2173.28	0.67	6.95	0.01	2173.20
1000.	24.	976.	0.	28.	147.	0.	53.	20.	2172.80
0.12	0.88	0.65	0.0	0.060	0.045	0.090	0.045	2164.30	348.57
0.006019	600.	800.	800.	3	0	1	0.0	114.79	500.00

3685 TOTALS USED WSEL,CKSEL

7185 MIN SPECIFIC ENERGY

2720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CKSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLEB	QCH	QRQB	ALCB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCLL	XLCH	XLQRB	ITRIAL	IDC	ICONT	COFAR	TOPWID	ENDST

0.64	9.89	2177.35	2177.35	0.0	2179.36	2.01	1.68	0.0	2180.40
1000.	0.	1000.	0.	0.	88.	0.	54.	21.	2180.00
0.13	0.0	11.37	0.0	0.060	0.045	0.090	0.045	2171.50	477.62
0.026766	170.	170.	170.	30	19	1	0.0	22.38	500.00

3301 TV CHANGED MORE THAN HVINS

0.64	7.42	2179.92	0.0	0.0	2179.92	1.00	0.46	0.10	2180.40
1000.	0.	1000.	0.	0.	124.	0.	54.	21.	2180.00
0.13	0.0	8.04	0.0	0.060	0.045	0.090	0.045	2171.50	475.76
0.010915	30.	30.	30.	3	0	1	0.0	24.24	500.00

SPECIAL BRIDGE

SL	XP	XALC	CODEC	PDLEN	BHC	BWP	BARLA	SS	ELCHU	ELCHD
0.0	1.60	3.00	0.0	20.00	0.0	117.50	2171.50	2171.50	0.0	0.0

6570, LOW FLOW BY NORMAL BRIDGE

EGPES= 0.0 EULMC= 2179.922 ELIC= 2181.500 PCNSE= 2179.919 ELIRD= 2183.600

2201 TV CHANGED MORE THAN HVINS

NORMAL BRIDGE, NEG=19 MIN ELTPE= 2183.60 MAX ELIC= 2181.50

OVERPAK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2183.60 ELPEA= 2183.60

0.64	7.57	2179.07	0.0	0.0	2180.60	1.53	0.42	0.26	2180.40
1000.	0.	1000.	0.	0.	101.	0.	54.	21.	2180.00
0.13	0.0	9.93	0.0	0.060	0.045	0.090	0.045	2171.50	475.57

0.020594

30.

30.

30.

2

0

1

-27.52

24.43

500.00

3301 HV CHANGED MORE THAN HVINS

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLSS	BANK ELEV
C	QLCB	QCH	QRQB	ALQB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VRQB	XL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCBL	XLCH	XLQRB	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
0.04	8.58	2180.48	0.0	0.0	2180.86	0.38	0.14	0.12	2180.40
1000.	134.	866.	0.	118.	164.	0.	54.	21.	2183.40
0.13	1.13	5.29	0.0	0.060	0.045	0.090	0.045	2171.50	297.49
0.003485	20.	20.	20.	3	0	1	0.0	202.51	500.00

CCPV= 0.100 CEHV= 0.500
 3685 20 TRIALS L5ED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLSS	BANK ELEV
C	QLCB	QCH	QRQB	ALQB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VRQB	XL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCBL	XLCH	XLQRB	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
0.85	4.97	2203.67	2203.67	0.0	2204.68	1.01	0.03	0.0	2202.50
545.	58.	811.	75.	39.	94.	33.	60.	25.	2202.70
0.17	1.49	8.66	2.26	0.120	0.055	0.100	0.048	2198.70	27.55
0.019077	1200.	1200.	1200.	30	11	1	0.0	102.39	129.90

3685 20 TRIALS L5ED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLSS	BANK ELEV
C	QLCB	QCH	QRQB	ALQB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLCB	VCH	VRQB	XL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLCBL	XLCH	XLQRB	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1.02	4.97	2209.47	2209.47	0.0	2210.48	1.01	0.0	0.0	2208.30
545.	58.	812.	75.	39.	94.	33.	60.	25.	2208.50
0.17	1.49	8.67	2.26	0.120	0.055	0.100	0.048	2204.50	27.56
0.019116	0.	0.	0.	30	5	1	0.0	102.33	129.89

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

MASON CREEK 11-16-76 SFA

SECTION NUMBER	CHANNEL LEAGLE	MIN EL OF ROADWAY	MAX EL OF LGA CHFD	MIN EL OF GROUND	DISCHARGE (CFS)	CNSFL	TO	PERENC	TOPWID	STENCI	STENCR	WSELR
0.18	0.0	0.0	0.0	2149.30	800.00	2154.31	83.53	0.0	217.86	0.0	0.0	0.0
0.18	0.0	0.0	0.0	2149.30	1300.00	2155.22	183.50	0.0	320.76	0.0	0.0	0.0
0.18	0.0	0.0	0.0	2149.30	1650.00	2155.53	232.70	0.0	354.00	0.0	0.0	0.0
0.18	0.0	0.0	0.0	2149.30	2500.00	2156.14	352.87	0.0	417.17	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	800.00	2154.23	51.78	0.0	20.00	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	1300.00	2155.43	215.59	0.0	343.09	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	1650.00	2155.73	269.20	0.0	375.81	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	2500.00	2156.34	398.77	0.0	435.18	0.0	0.0	0.0
0.18	30.00	2157.30	2155.60	2149.30	800.00	2155.86	57.62	0.0	20.00	0.0	0.0	0.0
0.18	30.00	2157.30	2155.60	2149.30	1300.00	2157.81	863.93	0.0	554.25	0.0	0.0	0.0
0.18	30.00	2157.30	2155.60	2149.30	1650.00	2158.14	1000.85	0.0	576.34	0.0	0.0	0.0
0.18	30.00	2157.30	2155.60	2149.30	2500.00	2158.67	1236.25	0.0	611.19	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	800.00	2156.94	563.54	0.0	491.00	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	1300.00	2157.81	863.45	0.0	554.17	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	1650.00	2158.15	1000.28	0.0	576.25	0.0	0.0	0.0
0.18	30.00	0.0	0.0	2149.30	2500.00	2158.68	1242.10	0.0	612.00	0.0	0.0	0.0
0.20	30.00	0.0	0.0	2149.90	800.00	2156.93	364.65	0.0	78.00	0.0	0.0	0.0
0.20	30.00	0.0	0.0	2149.90	1300.00	2157.77	469.38	0.0	78.00	0.0	0.0	0.0
0.20	30.00	0.0	0.0	2149.90	1650.00	2158.08	510.52	0.0	78.00	0.0	0.0	0.0
0.20	30.00	0.0	0.0	2149.90	2500.00	2158.54	573.39	0.0	78.00	0.0	0.0	0.0
0.20	5.00	2161.70	2160.40	2149.90	800.00	2156.93	256.26	0.0	91.46	0.0	0.0	0.0
0.20	5.00	2161.70	2160.40	2149.90	1300.00	2157.77	317.60	0.0	84.56	0.0	0.0	0.0
0.20	5.00	2161.70	2160.40	2149.90	1650.00	2158.09	341.23	0.0	85.70	0.0	0.0	0.0
0.20	5.00	2161.70	2160.40	2149.90	2500.00	2158.55	376.99	0.0	87.40	0.0	0.0	0.0
0.20	20.00	2161.70	2160.40	2149.90	800.00	2156.95	257.29	0.0	91.52	0.0	0.0	0.0
0.20	30.00	2161.70	2160.40	2149.90	1300.00	2157.81	319.83	0.0	84.67	0.0	0.0	0.0
0.20	30.00	2161.70	2160.40	2149.90	1650.00	2158.13	344.47	0.0	85.86	0.0	0.0	0.0
0.20	30.00	2161.70	2160.40	2149.90	2500.00	2158.65	385.33	0.0	87.79	0.0	0.0	0.0
0.20	5.00	0.0	0.0	2149.90	800.00	2156.95	367.20	0.0	78.00	0.0	0.0	0.0
0.20	5.00	0.0	0.0	2149.90	1300.00	2157.82	474.67	0.0	78.00	0.0	0.0	0.0
0.20	5.00	0.0	0.0	2149.90	1650.00	2158.15	518.91	0.0	78.00	0.0	0.0	0.0
0.20	5.00	0.0	0.0	2149.90	2500.00	2158.67	592.79	0.0	78.00	0.0	0.0	0.0
0.20	40.00	0.0	0.0	2149.80	800.00	2157.92	419.87	0.0	448.15	0.0	0.0	0.0
0.20	40.00	0.0	0.0	2149.80	1300.00	2157.95	702.80	0.0	526.01	0.0	0.0	0.0
0.20	40.00	0.0	0.0	2149.80	1650.00	2158.34	849.69	0.0	559.23	0.0	0.0	0.0
0.20	40.00	0.0	0.0	2149.80	2500.00	2159.05	1155.03	0.0	582.74	0.0	0.0	0.0
0.44	1345.00	0.0	0.0	2159.10	800.00	2163.77	78.03	0.0	159.76	0.0	0.0	0.0
0.44	1345.00	0.0	0.0	2159.10	1300.00	2164.55	131.28	0.0	214.58	0.0	0.0	0.0
0.44	1345.00	0.0	0.0	2159.10	1650.00	2164.98	173.97	0.0	288.79	0.0	0.0	0.0
0.44	1345.00	0.0	0.0	2159.10	2500.00	2165.54	246.72	0.0	345.53	0.0	0.0	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF RAILWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	PERENC	TOPWID	STENCL	STENCR	WSELK
C.60	800.00	0.0	0.0	2164.30	300.00	2169.88	55.19	0.0	22.06	0.0	0.0	0.0
C.60	800.00	0.0	0.0	2164.30	500.00	2170.89	78.71	0.0	23.27	0.0	0.0	0.0
C.60	800.00	0.0	0.0	2164.30	650.00	2171.32	89.25	0.0	23.76	0.0	0.0	0.0
C.60	800.00	0.0	0.0	2164.30	1000.00	2172.61	128.89	0.0	114.79	0.0	0.0	0.0
C.64	170.00	0.0	0.0	2171.50	300.00	2174.96	17.55	0.0	19.55	0.0	0.0	0.0
C.64	170.00	0.0	0.0	2171.50	500.00	2175.76	29.90	0.0	20.50	0.0	0.0	0.0
C.64	170.00	0.0	0.0	2171.50	650.00	2176.28	39.10	0.0	21.11	0.0	0.0	0.0
C.64	170.00	0.0	0.0	2171.50	1000.00	2177.35	61.17	0.0	22.38	0.0	0.0	0.0
C.64	30.00	0.0	0.0	2171.50	300.00	2176.00	33.96	0.0	20.78	0.0	0.0	0.0
C.64	30.00	0.0	0.0	2171.50	500.00	2177.00	53.75	0.0	21.98	0.0	0.0	0.0
C.64	30.00	0.0	0.0	2171.50	650.00	2177.64	67.77	0.0	22.73	0.0	0.0	0.0
C.64	30.00	0.0	0.0	2171.50	1000.00	2178.92	99.93	0.0	24.24	0.0	0.0	0.0
C.64	30.00	2183.60	2181.50	2171.50	300.00	2176.23	30.23	0.0	21.06	0.0	0.0	0.0
C.64	30.00	2183.60	2181.50	2171.50	500.00	2177.24	43.46	0.0	22.25	0.0	0.0	0.0
C.64	30.00	2183.60	2181.50	2171.50	650.00	2177.87	52.20	0.0	23.00	0.0	0.0	0.0
C.64	30.00	2183.60	2181.50	2171.50	1000.00	2179.07	69.68	0.0	24.43	0.0	0.0	0.0
C.64	20.00	0.0	0.0	2171.50	300.00	2176.56	44.44	0.0	21.44	0.0	0.0	0.0
C.64	20.00	0.0	0.0	2171.50	500.00	2177.78	71.15	0.0	22.90	0.0	0.0	0.0
C.64	20.00	0.0	0.0	2171.50	650.00	2178.59	91.49	0.0	23.87	0.0	0.0	0.0
C.64	20.00	0.0	0.0	2171.50	1000.00	2180.49	169.39	0.0	222.51	0.0	0.0	0.0
C.85	1200.00	0.0	0.0	2198.70	290.00	2201.18	14.44	0.0	19.68	0.0	0.0	0.0
C.85	1200.00	0.0	0.0	2198.70	475.00	2201.97	24.36	0.0	22.15	0.0	0.0	0.0
C.85	1200.00	0.0	0.0	2198.70	630.00	2202.80	39.48	0.0	27.30	0.0	0.0	0.0
C.85	1200.00	0.0	0.0	2198.70	945.00	2203.67	68.42	0.0	192.35	0.0	0.0	0.0
1.02	0.0	0.0	0.0	2204.50	290.00	2206.99	14.53	0.0	19.70	0.0	0.0	0.0
1.02	0.0	0.0	0.0	2204.50	475.00	2207.77	24.46	0.0	22.17	0.0	0.0	0.0
1.02	0.0	0.0	0.0	2204.50	630.00	2208.60	39.43	0.0	27.14	0.0	0.0	0.0
1.02	0.0	0.0	0.0	2204.50	945.00	2209.47	68.35	0.0	192.33	0.0	0.0	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
C.180	800.000	2154.313	0.0	0.0	0.0	217.856	0.0	30.000
C.180	1300.000	2155.219	0.906	0.0	0.0	370.762	-102.907	30.000
C.180	1650.000	2155.530	0.311	0.0	0.0	354.001	-136.145	30.000
C.180	2500.000	2156.141	0.611	0.0	0.0	417.179	-199.314	30.000
C.180	800.000	2154.235	0.0	-0.078	0.0	20.000	0.0	30.000
C.180	1300.000	2155.427	1.192	0.208	0.0	343.079	-323.079	30.000
C.180	1650.000	2155.733	0.306	0.207	0.0	375.810	-355.810	30.000
C.180	2500.000	2156.337	0.604	0.196	0.0	435.179	-415.179	30.000
C.180	800.000	2155.861	0.0	1.626	0.0	20.000	0.0	30.000
C.180	1300.000	2157.800	1.945	2.379	0.0	554.252	-534.252	30.000
C.180	1650.000	2158.140	0.334	2.407	0.0	576.343	-556.343	30.000
C.180	2500.000	2158.676	0.531	2.334	0.0	612.189	-591.189	30.000
C.180	800.000	2156.945	0.0	1.084	0.0	491.000	0.0	30.000
C.180	1300.000	2157.913	0.968	0.000	0.0	554.172	-63.171	30.000
C.180	1650.000	2158.148	0.236	0.008	0.0	576.253	-85.253	30.000
C.180	2500.000	2158.682	0.535	0.013	0.0	612.005	-121.004	30.000
C.200	800.000	2156.927	0.0	-0.018	0.0	78.000	0.0	30.000
C.200	1300.000	2157.768	0.841	-0.044	0.0	78.000	0.0	30.000
C.200	1650.000	2158.080	0.312	-0.068	0.0	78.000	0.0	30.000

C.200	2500.000	2158.538	0.458	-0.145	0.0	78.000	0.0	30.000
C.200	800.000	2156.929	0.0	0.002	0.0	81.462	0.0	5.000
C.200	1300.000	2157.772	0.843	0.004	0.0	84.557	-3.095	5.000
C.200	1650.000	2158.085	0.314	0.006	0.0	85.704	-4.242	5.000
C.200	2500.000	2158.549	0.464	0.011	0.0	87.399	-5.937	5.000
C.200	800.000	2156.94	0.0	0.019	0.0	81.516	0.0	20.000
C.200	1300.000	2157.77	0.858	0.034	0.0	84.667	-3.151	20.000
C.200	1650.000	2158.134	0.328	0.049	0.0	85.860	-4.344	20.000
C.200	2500.000	2158.649	0.515	0.100	0.0	87.787	-6.271	20.000
C.200	800.000	2156.955	0.0	0.007	0.0	78.000	0.0	5.000
C.200	1300.000	2157.816	0.861	0.010	0.0	78.000	0.0	5.000
C.200	1650.000	2158.147	0.331	0.013	0.0	78.000	0.0	5.000
C.200	2500.000	2158.669	0.522	0.020	0.0	78.000	0.0	5.000
C.200	500.000	2157.021	0.0	0.066	0.0	448.150	0.0	40.000
C.200	1300.000	2157.950	0.929	0.134	0.0	526.005	-77.855	40.000
C.200	1650.000	2158.342	0.392	0.195	0.0	550.233	-102.083	40.000
C.200	2500.000	2158.051	0.709	0.382	0.0	582.742	-134.592	40.000
C.440	800.000	2163.775	0.0	6.754	0.0	159.757	0.0	1345.000
C.440	1300.000	2164.553	0.776	6.603	0.0	214.576	-54.819	1345.000
C.440	1650.000	2164.983	0.430	6.641	0.0	248.788	-129.031	1345.000
C.440	2500.000	2165.537	0.554	6.486	0.0	345.527	-185.770	1345.000
C.600	300.000	2169.878	0.0	6.103	0.0	22.062	0.0	800.000
C.600	500.000	2170.891	1.013	6.338	0.0	23.271	-1.209	800.000
C.600	650.000	2171.315	0.424	6.333	0.0	23.764	-1.702	800.000
C.600	1000.000	2172.613	1.298	7.076	0.0	114.788	-92.726	800.000
C.640	300.000	2174.961	0.0	5.083	0.0	19.548	0.0	170.000
C.640	500.000	2175.764	0.803	4.873	0.0	20.500	-0.952	170.000
C.640	650.000	2176.280	0.516	4.964	0.0	21.113	-1.564	170.000
C.640	1000.000	2177.351	1.071	4.738	0.0	22.384	-2.836	170.000
C.640	300.000	2175.997	0.0	1.036	0.0	20.778	0.0	30.000
C.640	500.000	2177.003	1.006	1.239	0.0	21.982	-1.204	30.000
C.640	650.000	2177.644	0.641	1.364	0.0	22.729	-1.952	30.000
C.640	1000.000	2178.919	1.275	1.568	0.0	24.239	-3.461	30.000
C.640	300.000	2176.233	0.0	0.236	0.0	21.059	0.0	30.000
C.640	500.000	2177.239	1.006	0.236	0.0	22.252	-1.194	30.000
C.640	650.000	2177.869	0.629	0.225	0.0	22.999	-1.940	30.000
C.640	1000.000	2179.072	1.203	0.153	0.0	24.426	-3.367	30.000
C.640	300.000	2176.557	0.0	0.324	0.0	21.442	0.0	20.000
C.640	500.000	2177.783	1.226	0.544	0.0	22.901	-1.459	20.000
C.640	650.000	2178.591	0.808	0.723	0.0	23.365	-2.424	20.000
C.640	1000.000	2180.420	1.889	1.408	0.0	202.511	-191.070	20.000
C.850	290.000	2201.184	0.0	24.627	0.0	19.676	0.0	1200.000
C.850	475.000	2201.966	0.783	24.183	0.0	22.151	-2.476	1200.000
C.850	630.000	2202.759	0.833	24.208	0.0	67.300	-47.625	1200.000
C.850	745.000	2203.672	0.873	23.193	0.0	102.346	-82.670	1200.000
1.020	290.000	2206.957	0.0	5.808	0.0	19.702	0.0	0.0
1.020	475.000	2207.773	0.781	5.807	0.0	22.173	-2.471	0.0
1.020	630.000	2208.597	0.824	5.798	0.0	67.136	-47.434	0.0
1.020	945.000	2209.470	0.874	5.798	0.0	102.328	-82.626	0.0

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TCP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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