Crowders Creek
Floodway

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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTION 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      GASTONIA N C
T2      FLOOD INSURANCE
T3      CROWDERS CREEK  100 YR Q

J1  ICHECK    INQ      NINV     IDIP     STRT     METRIC   HVINS    Q        WSEL     FQ
        0.       4.       0.       0.  0.        0.       0.       0.   669.200   0.

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLOC    IBW      CHNIM    ITRACE
        1.000    0.       0.       0.       0.       0.       0.       0.       0.       0.

J3      1.000    34.000   3.000    4.000    27.000   28.000   26.000   0.       0.       0.
NC      0.150    0.150    0.050    0.100    0.300    0.       0.       0.       0.       0.
QT      5.000 2650.000 5300.000 6800.000 6800.000 12100.000   0.       0.       0.       0.
ET.     0.       0.       0.       0.       10.400   0.       0.       0.       0.       0.

X1    823.500   15.000  223.000  278.000    0.       0.       0.       0.       0.       0.
GR    675.000    0.     670.000   90.000  667.900  100.000  658.700  119.000  659.100  150.000
GR    659.200  200.000  659.600  223.000  649.700  228.000  649.000  250.000  650.500  272.000
GR    658.900  278.000  661.100  300.000  659.400  350.000  669.100  400.000  675.000  470.000

X1    839.500   40.000  900.000  960.000 1600.000 1600.000 1600.000   0.       0.       0.
GR    670.000    0.     659.300  200.000  658.700  250.000  658.500  300.000  658.200  350.000
GR    657.900  400.000  658.600  450.000  658.500  500.000  658.400  550.000  658.200  600.000
GR    658.200  650.000  658.200  700.000  658.600  750.000  659.000  800.000  660.000  850.000
GR    660.100  900.000  652.400  910.000  650.500  930.000  650.800  950.000  660.700  960.000
GR    660.600  970.000  658.300 1000.000  657.700 1050.000  658.200 1100.000  658.000 1200.000
GR    657.900 1250.000  658.000 1300.000  658.200 1350.000  658.400 1400.000  658.400 1450.000
GR    660.200 1500.000  660.600 1550.000  661.700 1600.000  663.000 1650.000  664.300 1700.000
GR    665.700 1750.000  667.000 1800.000  667.800 1850.000  668.700 1900.000  669.900 1950.000

X1    859.500   17.000  550.000  600.000 2000.000 2000.000 2000.000   0.       0.       0.
GR    685.000    0.     680.000   50.000  675.000   70.000  670.000  120.000  665.000  155.000
GR    660.000  540.000  659.300  550.000  648.800  561.000  649.800  574.000  650.600  588.000
GR    659.200  600.000  660.000  610.000  665.000 1095.000  670.000 1130.000  675.000 1165.000
GR    680.000 1265.000  685.000 1590.000    0.       0.       0.       0.       0.       0.

X1    868.000   30.000  600.000  650.000  850.000  850.000  850.000   0.       0.       0.
GR    672.000    0.     663.500  100.000  656.700  135.000  655.700  150.000  656.300  200.000
GR    656.500  250.000  656.500  300.000  656.100  350.000  657.000  400.000  655.300  450.000
GR    657.200  500.000  658.100  550.000  659.300  600.000  648.800  611.000  649.800  624.000
GR    650.600  638.000  659.200  650.000  658.000  700.000  656.800  750.000  656.100  800.000
GR    656.300  850.000  656.000  900.000  655.900  950.000  656.000 1000.000  655.800 1050.000
GR    655.700 1100.000  656.000 1150.000  656.600 1172.000  666.400 1200.000  674.900 1235.000

X1    881.000   17.000 1000.000 1060.000 1300.000 1300.000 1300.000   0.       0.       0.
GR    685.000    0.     680.000  250.000  675.000  535.000  670.000  670.000  665.000  795.000
GR    660.000 1000.000  659.300 1005.000  653.000 1011.000  654.000 1024.000  650.600 1038.000
GR    659.200 1050.000  660.000 1060.000  665.000 1325.000  670.000 1395.000  675.000 1425.000
GR    680.000 1460.000  685.000 1485.000    0.       0.       0.       0.       0.       0.
QT      5.000 2500.000 4950.000 6400.000 6400.000 11300.000   0.       0.       0.       0.

X1    886.000   20.000  636.000  683.000  500.000  500.000  500.000   0.       0.       0.
GR    680.000   55.000  675.000  100.000  671.400  150.000  670.200  200.000  669.600  250.000
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GR	668,700	300,000	667,200	400,000	667,200	500,000	667,000	605,000	667,900	636,000
GR	658,400	644,000	657,700	657,000	658,800	670,[illegible]10	658,000	693,000	666,200	740,000
GR	666,300	800,000	665,600	900,000	667,100	950,000	669,200	969,000	680,000	1005,000
X1	893,000	20,000	336,000	343,000	700,000	700,000	700,000	0.	0.	0.
GR	685,000	0.	693,000	30,000	680,000	70,000	677,000	120,000	675,000	100,000
GR	667,300	215,000	667,600	245,000	670,200	315,000	667,900	336,000	669,600	337,000
GR	659,100	350,000	659,000	340,000	666,600	343,000	672,000	350,000	666,000	390,000
GR	667,400	415,000	668,000	365,000	666,500	545,000	667,800	503,000	680,000	625,000
X1	907,000	10,000	750,000	812,000	1400,000	1400,000	1400,000	0.	0.	0.
GR	680,000	85,000	675,000	200,000	670,200	300,000	669,600	350,000	669,500	550,000
GR	670,100	400,000	669,800	650,000	670,600	700,000	670,600	750,000	668,600	772,000
GR	660,500	780,000	660,100	795,000	661,000	806,000	668,500	812,000	670,400	850,000
GR	670,600	867,000	675,000	808,000	682,500	923,000	684,300	950,000	0.	0.
SR	0,950	2,040	2,700	0.	90,800	2,000	240,000	0.	0.	0.
NC	0,000	0,000	0,050	0,100	0,300	0.	0.	0.	0.	0.
WT	5,000	2900,000	4800,000	4200,000	4200,000	11000,000	0.	0.	0.	0.
X1	909,000	20,000	352,000	389,000	200,000	200,000	200,000	0.	0.	0.
X2	0.	0.	1,000	678,800	679,200	0.	0.	0.	0.	0.
BT	5,000	0.	685,000	678,800	300,000	679,400	678,800	350,000	679,200	678,800
BT	600,000	679,900	675,800	85650,000	680,100	678,800	0.	0.	0.	0.
GR	679,800	0.	679,600	50,000	674,400	150,000	667,900	200,000	667,200	250,000
GR	668,400	300,000	669,800	350,000	669,800	352,000	660,700	340,000	660,100	372,000
GR	661,800	384,000	668,500	389,000	671,400	600,000	669,800	450,000	668,500	500,000
GR	668,900	550,000	670,000	600,000	670,800	813,000	674,700	620,000	690,800	650,000
X1	921,000	30,000	950,000	907,000	1200,000	1200,000	1200,000	0.	0.	0.
GR	680,000	60,000	673,000	250,000	671,500	300,000	671,000	350,000	670,400	400,000
GR	670,500	850,000	669,500	500,000	670,600	550,000	671,100	600,000	671,000	700,000
GP	671,700	750,000	670,800	800,000	670,600	850,000	671,100	900,000	672,500	950,000
GR	662,600	960,000	661,400	977,000	658,400	993,000	670,900	997,000	672,400	1010,000
GP	671,000	1050,000	670,500	1100,000	670,600	1150,000	670,900	1200,000	671,000	1250,000
GR	670,000	1350,000	669,200	1400,000	669,600	1450,000	669,800	1550,000	670,200	1600,000
GR	670,300	1730,000	672,600	1705,000	675,000	1701,000	680,000	1620,000	0.	0.
X1	933,700	29,000	627,000	669,000	1175,000	1375,000	1270,000	0.	0.	0.
GR	685,000	15,000	680,000	170,000	675,000	600,000	673,300	450,000	671,400	695,000
GR	672,000	500,000	673,300	550,000	672,600	600,000	678,400	650,000	674,100	700,000
GR	674,000	750,000	674,600	800,000	673,000	827,000	663,500	835,000	663,000	847,000
GR	664,000	860,000	674,400	869,000	674,000	900,000	673,300	950,000	673,000	1000,000
GP	672,500	1050,000	672,900	1100,000	672,900	1150,000	675,400	1200,000	680,000	1247,000
GP	684,400	1300,000	684,900	1305,000	686,100	1350,000	687,200	1370,000	0.	0.
X1	905,800	25,000	625,000	658,000	1210,000	1210,000	1210,000	0.	0.	0.
GR	700,000	0.	694,400	50,000	691,400	100,000	680,900	200,000	678,000	250,000
GP	676,800	300,000	677,500	350,000	677,500	400,000	676,300	425,000	666,800	417,000
GP	668,100	450,000	667,100	483,000	678,200	484,000	678,400	500,000	675,000	550,000
GR	675,600	600,000	675,700	650,000	675,900	700,000	676,000	750,000	670,800	800,000
GR	674,600	850,000	681,000	900,000	684,300	850,000	692,000	1000,000	694,000	1035,000
NC	0,100	0,100	0,040	0,100	0,300	0.	0.	0.	0.	0.
WT	5,000	2200,000	4400,000	5600,000	5600,000	10000,000	0.	0.	0.	0.
X1	963,000	17,000	536,000	610,000	1720,000	1720,000	1720,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
GR	700,000	0.	681,300	100,000	679,500	150,000	676,200	250,000	676,200	350,000
GR	678,600	450,000	679,400	500,000	679,500	536,000	667,600	550,000	669,500	594,000
GR	680,100	610,000	678,900	650,000	678,800	800,000	678,400	900,000	699,500	950,000
GR	687,800	1000,000	699,500	1050,000	0.	0.	0.	0.	0.	0.
X1	983,600	17,000	395,000	530,000	2080,000	2080,000	2080,000	0.	0.	0.
GR	710,000	0.	705,000	105,000	700,000	210,000	695,000	235,000	690,000	295,000
GR	685,000	395,000	683,700	480,000	675,000	488,000	673,800	500,000	675,300	512,000
GR	683,500	520,000	685,000	530,000	690,000	902,000	695,000	860,000	700,000	845,000
GR	705,000	875,000	710,000	885,000	0.	0.	0.	0.	0.	0.

QT	5.000	2100.000	200.000	5400.000	5400.000	9500.000	0.	0.	0.	0.
X1	1007.000	34.000	630.000	670.000	2320.000	2320.000	2320.000	0.	0.	0.
GR	691.100	0.	685.400	50.000	681.800	100.000	682.200	150.000	682.400	200.000
GR	682.100	250.000	682.700	300.000	682.900	400.000	674.500	313.000	682.500	317.000
GR	682.100	350.000	681.400	400.000	681.400	450.000	681.400	500.000	681.500	550.000
GR	681.800	600.000	682.100	605.000	684.800	610.000	683.700	670.000	675.400	678.000
GR	673.800	650.000	675.300	662.000	683.500	670.000	682.700	700.000	681.400	750.000
GR	682.000	800.000	681.000	850.000	680.900	855.000	680.700	900.000	680.400	950.000
GR	679.900	1000.000	680.300	1050.000	685.500	1080.000	684.200	1100.000	0.	0.
X1	1015.600	24.000	727.000	773.000	860.000	860.000	860.000	0.	0.	0.
GR	698.000	0.	687.400	50.000	685.600	45.000	683.900	100.000	682.700	150.000
GR	682.100	200.000	682.400	250.000	682.900	300.000	683.100	350.000	683.400	400.000
GR	683.300	450.000	683.300	500.000	682.800	550.000	683.500	600.000	683.800	650.000
GR	684.700	700.000	684.900	727.000	676.600	733.000	674.900	750.000	677.500	767.000
GR	684.500	773.000	683.900	796.000	680.600	800.000	683.800	804.000	685.100	850.000
GR	694.700	900.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	1031.400	20.000	420.000	481.000	1580.000	1580.000	1580.000	0.	0.	0.
GR	693.900	0.	689.900	50.000	689.300	100.000	687.700	150.000	686.900	200.000
GR	686.900	250.000	687.000	300.000	687.200	350.000	687.100	400.000	688.200	420.000
GR	678.900	436.000	677.600	450.000	679.200	464.000	686.000	481.000	687.900	500.000
GR	687.600	550.000	688.900	600.000	692.200	650.000	692.700	700.000	694.600	750.000
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTION 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      GASTONIA N C
T2      FLOOD INSURANCE
T3      CROWDERS CREEK  100 YR FLOODWAY

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ

       0.       5.       0.       0.  0.            0.       0.       0.  670.200   0.

J2  NPROF     IPLOT    PREVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE

    15.000     0.       0.       0.       0.       0.       0.       0.       0.       0.
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

CROWDERS CREEK 100 YR F

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TO	FR	TOPWID	STENCL	STENCR	VCH
823.50	0.	0.	0.	648.00	6800.00	669.20	2771.60	669.03	307.38	0.	0.	4.56
823.50	0.	0.	0.	648.00	6800.00	670.20	2743.39	670.07	191.38	141.49	533.08	4.74
839.50	1600.00	0.	0.	650.50	6800.00	669.43	9730.38	669.40	1931.97	0.	0.	1.26
839.50	1600.00	0.	0.	650.50	6800.00	670.47	9773.90	670.68	1273.24	264.09	1537.33	1.32
859.50	2000.00	0.	0.	648.80	6800.00	669.79	8142.26	669.85	1007.02	0.	0.	3.05
859.50	2000.00	0.	0.	648.00	6800.00	670.52	8836.93	670.98	738.92	260.53	989.45	2.96
868.00	850.00	0.	0.	648.80	6800.00	669.03	9370.08	669.04	1190.14	0.	0.	1.36
868.00	850.00	0.	0.	648.80	6800.00	670.96	9308.10	670.97	907.10	172.26	1119.36	1.00
881.00	1300.00	0.	0.	650.60	6800.00	670.01	2908.68	670.13	725.28	0.	0.	3.02
881.00	1300.00	0.	0.	650.60	6800.00	671.04	3046.60	671.16	418.28	808.08	1242.78	3.84
886.00	500.00	0.	0.	657.70	6800.00	670.30	1085.50	670.81	776.98	0.	0.	7.52
886.00	500.00	0.	0.	657.70	6800.00	671.10	1002.55	671.86	358.28	879.41	837.90	8.35
893.00	700.00	0.	0.	650.00	6800.00	672.98	1004.10	673.00	452.71	0.	0.	7.89
893.00	700.00	0.	0.	650.00	6800.00	670.06	1050.30	670.60	298.17	352.40	550.78	8.26
907.00	1400.00	0.	0.	660.10	6800.00	675.76	2021.36	675.91	718.26	0.	0.	4.35
907.00	1400.00	0.	0.	660.10	6800.00	676.93	2006.75	677.10	437.60	370.00	812.00	4.34
909.00	200.00	678.20	678.80	660.10	6800.00	675.77	8537.01	675.91	498.25	0.	0.	2.03
909.00	200.00	678.20	678.80	660.10	6800.00	676.77	5632.71	677.10	519.38	0.	0.	1.71
921.00	1200.00	0.	0.	661.00	6800.00	676.00	9714.20	676.00	1628.00	0.	0.	0.97
921.00	1200.00	0.	0.	661.00	6800.00	677.14	10134.07	677.17	1126.98	853.27	1580.25	0.86
933.70	1270.00	0.	0.	663.00	6800.00	676.05	1869.73	676.19	807.39	0.	0.	4.10
933.70	1270.00	0.	0.	663.00	6800.00	677.10	1852.05	677.26	607.37	530.58	1052.01	4.21
945.80	1210.00	0.	0.	666.10	6800.00	678.09	1000.35	678.54	000.00	0.	0.	6.00
945.80	1210.00	0.	0.	666.10	6800.00	679.03	977.78	679.46	237.11	825.00	885.11	7.03
963.00	1720.00	0.	0.	667.60	6800.00	681.91	1624.03	682.05	611.63	0.	0.	3.69
963.00	1720.00	0.	0.	667.60	6800.00	683.00	1651.02	683.17	400.62	298.20	702.88	4.06
983.80	2080.00	0.	0.	673.80	6800.00	682.10	510.07	682.00	309.13	0.	0.	7.70
983.80	2080.00	0.	0.	673.80	6800.00	683.70	586.52	683.87	135.00	395.00	530.00	7.23
1007.00	2320.00	0.	0.	673.80	6800.00	684.00	8703.24	684.09	1070.57	0.	0.	1.76
1007.00	2320.00	0.	0.	673.80	6800.00	685.74	8821.60	685.77	820.07	170.92	990.99	1.52
1015.60	860.00	0.	0.	674.00	6800.00	685.25	2793.41	685.25	830.35	0.	0.	2.27
1015.60	860.00	0.	0.	674.00	6800.00	686.00	2546.04	686.05	581.90	191.05	773.00	2.00
1031.00	1580.00	0.	0.	677.60	6800.00	690.35	960.00	690.49	577.66	0.	0.	5.91
1031.00	1580.00	0.	0.	677.60	6800.00	691.17	900.20	691.45	227.53	253.07	881.00	6.76

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH O	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
823.500	6800.000	669.200	0.	0.	0.	307.377	0.	0.
823.500	6800.000	670.200	1.000	0.	0.	191.380	115.993	0.
839.500	6800.000	669.633	0.	0.433	0.	1931.967	0.	1600.000

839,500	6800,000	670,674	1,001	0,474	0.	1273,282	658,726	1600,000
859,500	6800,000	669,787	0,	0,154	0.	1007,018	0,	2000,000
859,500	6800,000	670,821	1,034	0,106	0.	728,920	278,098	2000,000
866,000	6800,000	669,932	0,	0,106	0.	1100,101	0,	850,000
866,000	6800,000	670,959	1,027	0,139	0.	947,097	203,065	850,000
881,000	6800,000	670,008	0,	0,074	0.	725,282	0,	1300,000
881,000	6800,000	671,027	1,019	0,068	0.	418,281	307,001	1300,000
886,000	6800,000	670,302	0,	0,294	0.	776,977	0,	500,000
886,000	6800,000	671,139	0,837	0,112	0.	358,294	418,683	500,000
893,000	6800,000	672,994	0,	2,692	0.	452,710	0,	700,000
893,000	6800,000	674,044	1,050	2,905	0.	298,173	154,537	700,000
907,000	6800,000	675,763	0,	2,779	0.	718,265	0,	1400,000
907,000	6800,000	676,935	1,172	2,891	0.	477,603	240,661	1400,000
909,000	6200,000	675,766	0,	0,003	0.	490,251	0,	200,000
909,000	6200,000	676,766	1,000	-0,159	0.	519,305	-31,054	200,000
921,000	6200,000	675,995	0,	0,229	0.	1625,041	0,	1200,000
921,000	6200,000	677,143	1,147	0,397	0.	1126,976	501,065	1200,000
933,700	6200,000	676,050	0,	0,055	0.	687,389	0,	1270,000
933,700	6200,000	677,186	1,136	0,023	0.	897,566	310,023	1270,000
945,600	6200,000	678,093	0,	2,082	0.	608,899	0,	1210,000
945,600	6200,000	679,026	0,933	1,600	0.	237,109	371,791	1210,000
963,000	5600,000	681,913	0,	5,820	0.	611,035	0,	1720,000
963,000	5600,000	682,999	1,086	3,973	0.	404,034	367,011	1720,000
983,800	5600,000	687,106	0,	5,101	0.	309,175	0,	2080,000
983,800	5600,000	687,759	0,656	4,760	0.	135,001	174,174	2080,000
1007,000	5600,000	689,085	0,	1,942	0.	1070,549	0,	2320,000
1007,000	5600,000	689,757	0,672	1,906	0.	820,074	250,695	2320,000
1015,600	5600,000	689,251	0,	0,145	0.	630,348	0,	860,000
1015,600	5600,000	689,905	0,654	0,188	0.	581,905	208,403	860,000
1031,000	5600,000	690,353	0,	1,102	0.	577,655	0,	1580,000
1031,000	5600,000	691,173	0,820	1,228	0.	227,528	350,127	1580,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE END	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	419,028	0.
2	0.000	0,279	271,235	-147,853

X1	39.000	12.000	190.000	200 210.000	80.000	80.000	80.000	=0	=0	=0	
X2	=0	=0	1.000	677.000	679.100	=0	=0	=0	=0	=0	
X3	10.000	=0	=0	=0	=0	=0	=0	479.100	479.100	=0	
GR	681.200	0	679.100	100.000	678.600	150.000	673.600	154.000	676.600	162.000	
GR	677.000	159.000	673.100	190.000	672.300	200.000	673.300	210.000	675.800	212.000	
GR	677.500	250.000	678.700	350.000	=0	=0	=0	=0	=0	=0	
X1	9.500	0	0	0	50.000	50.000	50.000	=0	=0	=0	
X1	48.000	0	0	0	850.000	850.000	850.000	=0	3.800	=0	
X1	56.000	13.000	240.000	250 260.000	800.000	800.000	800.000	=0	=0	=0	
GR	696.000	0	686.500	75.000	685.100	100.000	684.600	150.000	684.600	200.000	
GR	684.700	240.000	678.500	250.000	685.200	260.000	688.000	288.000	688.500	300.000	
GR	688.500	315.000	690.000	330.000	699.500	356.000	=0	=0	=0	=0	
X1	60.000	0	0	0	400.000	400.000	400.000	=0	1.750	=0	
X1	64.000	12.000	342.000	350 360.000	400.000	400.000	400.000	=0	=0	=0	
GR	698.000	0	686.700	200.000	687.600	250.000	687.600	300.000	666.300	342.000	
GR	682.500	345.000	682.500	355.000	688.300	360.000	688.600	432.000	690.600	452.000	
GR	690.600	500.000	699.500	511.000	=0	=0	=0	=0	=0	=0	
X1	70.000	13.000	240.000	250 260.000	600.000	600.000	600.000	=0	=0.400	=0	
GR	715.300	0	698.500	100.000	695.400	150.000	694.500	200.000	694.500	240.000	
GR	688.800	245.000	688.800	256.000	694.900	260.000	694.800	300.000	696.300	400.000	
GR	697.500	425.000	701.200	450.000	715.500	500.000	=0	=0	=0	=0	
X1	74.000	0	0	0	600.000	600.000	600.000	=0	2.200	=0	
X1	81.000	0	0	0	500.000	500.000	500.000	=0	2.200	=0	
X1	84.000	9.000	191.000	200 211.000	300.000	300.000	300.000	=0	=6.600	=0	
GR	714.700	0	700.600	50.000	701.600	100.000	700.800	191.000	698.700	192.000	
GR	698.700	210.000	701.000	211.000	700.500	202.000	715.000	265.000	=0	=0	
X1	87.000	0	0	0	300.000	300.000	300.000	=0	3.100	=0	
X1	90.500	0	0	0	350.000	350.000	350.000	=0	3.500	=0	
EJ	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	

CROWDERS CREEK

Ready for Plot

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**********************************************
HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTION 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1    GASTONIA N C
T2    FLOOD INSURANCE
T3    CROWDERS CREEK  10 YR W
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J1	ICHECK	INQ	NSTR	NRPT	START	METRIC	ITAPE		JPLT	PC
	0.	2.	0.	0.	0.000000	0.	0.	0.	0000.000	0.

J2	NPROF	IPLOT	PSKIP	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITHACE
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

J3	1.000	10.000	3.000	0.000	27.000	28.030	28.000	0.	0.	0.	
NC	0.150	0.150	0.050	0.100	0.500	0.	0.	0.	0.	0.	
JT	5.000	2550.000	5300.000	5000.000	5000.000	12100.000	0.	0.	0.	0.	
ET	0.	0.	0.	0.	10.000	0.	0.	0.	0.	0.	
X1	625.500	15.000	225.000	278.000	0.	0.	0.	0.	0.	0.	
GR	675.000	0.	570.000	90.000	567.900	100.000	655.700	119.000	654.100	150.000	
GR	659.200	200.000	659.600	225.000	649.700	225.000	649.000	250.000	658.500	272.000	
GR	656.900	278.000	641.100	300.000	659.800	350.000	654.100	400.000	675.000	470.000	
X1	629.500	40.000	400.000	940.000	1600.000	1500.000	1600.000	0.	0.	0.	
GR	670.000	0.	659.300	200.000	658.700	250.000	658.500	300.000	652.200	350.000	
GR	657.900	400.000	650.600	450.000	654.500	500.000	652.900	540.000	642.200	600.000	
GR	658.200	550.000	652.200	700.000	656.000	750.000	650.000	800.000	640.000	850.000	
GR	640.100	900.000	642.400	910.000	650.500	930.000	650.800	950.000	640.700	960.000	
GR	660.500	970.000	656.300	1000.000	657.700	1050.000	658.200	1100.000	652.000	1200.000	
GR	657.900	1250.000	652.000	1300.000	654.200	1350.000	654.400	1400.000	650.400	1450.000	
GR	660.200	1500.000	660.600	1550.000	661.700	1600.000	663.000	1650.000	660.300	1700.000	
GR	665.700	1750.000	667.000	1800.000	667.400	1850.000	668.700	1900.000	664.900	1950.000	
X1	659.500	17.000	550.000	600.000	2000.000	2000.000	2000.000	0.	0.	0.	
GR	685.000	0.	680.000	50.000	675.000	70.000	670.000	120.000	665.000	155.000	
GR	660.000	540.000	654.500	550.000	648.000	641.000	644.000	570.000	650.000	644.000	
GR	659.200	600.000	660.000	610.000	665.000	1005.000	670.000	1130.000	675.000	1185.000	
GR	680.000	1200.000	685.000	1400.000	0.	0.	0.	0.	0.	0.	
X1	650.000	50.000	600.000	650.000	650.000	650.000	650.000	0.	0.	0.	
GR	670.000	0.	663.500	100.000	650.700	130.000	655.700	150.000	650.500	600.000	
GR	656.500	250.000	650.500	300.000	650.100	650.000	647.000	600.000	655.400	650.000	
GR	657.200	500.000	654.100	550.000	652.300	650.000	634.000	711.000	640.200	725.000	
GR	650.900	738.000	659.200	650.000	650.000	700.000	650.000	750.000	656.100	800.000	
GR	650.300	850.000	650.000	600.000	653.000	653.100	652.000	1000.000	653.000	1150.000	
GR	655.700	1100.000	650.000	1150.000	656.000	1172.000	650.000	1200.000	670.000	1234.000	
X1	681.000	17.000	1000.000	1050.000	1400.000	1400.000	1400.000	0.	0.	0.	
GR	685.000	0.	680.000	650.000	675.100	663.000	673.000	670.000	655.000	705.000	
GR	660.000	1000.000	654.300	1005.000	653.000	1011.000	652.000	1020.000	650.000	1032.000	
GR	659.200	1050.000	660.000	1061.000	665.000	1125.000	670.000	1105.000	675.000	1125.000	
GR	680.000	1060.000	685.000	1065.000	0.	0.	0.	0.	0.	0.	
GT	5.000	2500.000	4950.000	6400.000	6000.000	11500.000	0.	0.	0.	0.	
X1	886.000	20.000	636.000	683.000	500.000	500.000	500.000	0.	0.	0.	

GR	668.700	300.000	667.200	400.000	667.200	500.000	667.000	605.000	667.900	636.000
GR	658.400	400.000	657.700	657.000	658.800	670.000	665.000	653.000	656.200	750.000
GR	666.300	800.000	665.600	900.000	667.100	650.000	669.200	969.000	670.000	1005.000
X1	653.000	20.000	536.000	545.000	700.000	700.000	700.000	0.	0.	0.
GR	635.000	0.	643.000	730.000	680.000	730.000	677.000	730.000	675.000	700.000
GR	667.300	215.000	667.000	665.000	670.200	615.000	667.300	630.000	659.600	637.000
GR	650.100	350.000	650.000	650.000	650.500	653.000	672.000	650.000	645.000	650.000
GR	647.000	615.000	648.000	645.000	648.500	655.000	647.600	603.000	650.000	625.000
X1	907.000	10.000	750.000	612.000	1000.000	1000.000	1000.000	0.	0.	0.
GR	680.000	685.000	675.000	700.000	670.600	700.000	699.500	350.000	649.500	650.000
GR	670.100	600.000	669.500	650.000	670.000	730.000	670.000	750.000	658.800	772.000
GR	640.500	750.000	660.100	793.000	641.000	705.000	665.500	612.000	670.400	650.000
GR	670.800	687.000	675.000	698.000	672.500	623.000	678.500	950.000	0.	0.
SR	0.050	2.000	2.700	0.	90.800	2.000	25.000	0.	0.	0.
NC	0.000	0.000	0.050	0.100	0.300	0.	0.	0.	0.	0.
QT	5.000	2000.000	6800.000	4200.000	4200.000	11000.000	0.	0.	0.	0.
X1	909.600	20.000	352.000	389.000	200.000	200.000	200.000	0.	0.	0.
XP	0.	0.	1.000	678.800	679.200	0.	0.	0.	0.	0.
QT	5.000	0.	655.000	678.600	300.000	679.400	678.300	350.000	679.200	676.000
BT	600.000	679.000	676.800	8550.000	689.100	678.800	0.	0.	0.	0.
GR	679.600	0.	679.000	50.000	670.000	150.000	667.000	200.000	667.200	650.000
GP	668.400	300.000	669.800	350.000	669.800	352.000	650.700	340.000	660.100	372.000
GR	661.600	360.000	668.600	359.000	671.000	400.000	669.600	450.000	668.500	500.000
GP	668.900	550.000	670.000	600.000	670.800	613.000	674.700	620.000	690.800	650.000
X1	921.000	30.000	950.000	997.000	1200.000	1200.000	1200.000	0.	0.	0.
GR	680.000	50.000	673.000	250.000	671.500	300.000	671.000	350.000	670.000	700.000
GP	670.500	650.000	669.500	500.000	670.600	550.000	671.100	600.000	671.000	700.000
GR	671.700	750.000	670.800	700.000	670.600	650.000	671.100	900.000	672.500	950.000
GP	662.600	960.000	661.400	977.000	658.400	993.000	670.900	997.000	672.400	1010.000
GR	671.000	1050.000	670.500	1100.000	670.600	1150.000	670.600	1200.000	671.000	1250.000
GR	670.000	1350.000	669.200	1400.000	668.600	1450.000	668.600	1550.000	670.200	1600.000
GR	670.300	1730.000	672.600	1745.000	675.000	1791.000	680.000	1820.000	0.	0.
X1	933.700	29.000	827.000	869.000	1175.000	1375.000	1270.000	0.	0.	0.
GR	685.000	15.000	680.000	170.000	675.000	700.000	673.500	650.000	671.400	695.000
GR	672.000	500.000	673.300	550.000	672.600	800.000	670.400	650.000	674.100	700.000
GR	674.000	750.000	674.500	800.000	673.000	827.000	663.500	675.000	663.000	807.000
GR	664.000	800.000	674.900	859.000	678.000	900.000	673.300	950.000	673.000	1000.000
GR	672.500	1050.000	672.900	1100.000	672.900	1150.000	675.400	1200.000	680.000	1207.000
GR	680.400	1300.000	684.900	1305.000	680.100	1350.000	687.200	1370.000	0.	0.
X1	905.600	25.000	425.000	468.000	1210.000	1210.000	1210.000	0.	0.	0.
GR	700.000	0.	694.400	50.000	691.400	100.000	650.400	200.000	678.400	250.000
GR	676.800	300.000	677.500	550.000	677.500	900.000	675.500	625.000	655.000	637.000
GR	666.100	650.000	667.100	683.000	676.200	683.000	676.400	500.000	675.000	550.000
GR	675.600	800.000	675.700	650.000	675.900	700.000	676.000	750.000	676.400	800.000
GR	674.600	830.000	681.000	900.000	684.300	650.000	682.000	1000.000	684.000	1035.000
NC	0.100	0.100	0.050	0.100	0.300	0.	0.	0.	0.	0.
QT	5.000	2200.000	6800.000	5600.000	5600.000	12000.000	0.	0.	0.	0.
X1	943.000	17.000	516.000	510.000	1720.000	1720.000	1720.000	0.	0.	0.
XP	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
GR	700.000	0.	681.300	100.000	674.500	150.000	676.200	250.000	676.200	350.000
GP	676.600	850.000	679.400	500.000	674.500	536.000	667.800	556.000	649.800	594.000
GR	680.100	610.000	678.900	650.000	674.400	600.000	676.400	900.000	679.500	650.000
GR	687.400	1000.000	689.500	1050.000	0.	0.	0.	0.	0.	0.
X1	983.600	17.000	595.000	530.000	2080.000	2080.000	2080.000	0.	0.	0.
GR	710.000	0.	705.000	105.000	700.000	210.000	695.000	235.000	690.000	295.000
GR	685.000	395.000	683.700	850.000	675.400	828.000	673.800	500.000	675.300	512.000
GR	695.500	520.000	685.000	530.000	690.000	802.000	695.000	250.000	700.000	685.000
GR	705.000	875.000	710.000	885.000	0.	0.	0.	0.	0.	0.

QT	5.000	2100.000	4200.000	5400.000	5400.000	9500.000	0.	0.	0.	0.
XI	1007.000	30.000	630.000	670.000	2320.000	2320.000	2320.000	0.	0.	0.
GR	691.100	0.	685.400	50.000	681.300	100.000	682.200	150.000	682.400	200.000
GR	682.100	250.000	682.700	300.000	682.900	309.000	679.500	313.000	682.500	317.000
GR	682.100	350.000	681.400	400.000	681.400	450.000	681.400	500.000	681.500	550.000
GR	681.500	600.000	682.100	605.000	684.600	610.000	683.700	640.000	675.000	638.000
GR	673.800	650.000	675.300	662.000	683.500	670.000	682.700	700.000	681.600	750.000
GR	682.000	800.000	681.000	650.000	680.900	655.000	680.700	900.000	690.400	950.000
GR	679.900	1000.000	680.300	1050.000	683.500	1100.000	684.200	1100.000	0.	0.
XI	1015.600	20.000	727.000	773.000	850.000	850.000	850.000	0.	0.	0.
GR	683.000	0.	687.600	50.000	685.600	55.000	683.900	100.000	682.700	150.000
GR	682.100	200.000	682.400	250.000	682.900	300.000	683.100	350.000	683.400	400.000
GR	683.300	450.000	683.300	500.000	682.800	550.000	683.500	600.000	683.600	650.000
GR	684.700	700.000	684.900	727.000	676.000	773.000	684.900	750.000	677.500	767.000
GR	682.500	773.000	683.000	700.000	680.000	800.000	683.800	800.000	685.100	850.000
GR	694.700	900.000	0.	0.	0.	0.	0.	0.	0.	0.
XI	1031.400	20.000	420.000	481.000	1580.000	1580.000	1580.000	0.	0.	0.
GR	693.900	0.	689.900	50.000	686.300	100.000	687.700	150.000	686.900	200.000
GR	686.900	250.000	687.000	300.000	687.200	350.000	687.100	400.000	688.200	420.000
GR	678.900	436.000	677.600	450.000	679.200	464.000	668.000	481.000	687.900	500.000
GR	687.800	550.000	686.900	600.000	682.200	650.000	692.700	700.000	694.600	750.000
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTION 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      GASTONIA N C
T2      FLOOD INSURANCE
T3      CROWDERS CREEK  50 YR G

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     0         WSEL      FQ
        0.        3.        0.        0.  0.000000        0.        0.        0.   864.000        0.

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLOC     THK       CHNIM     ITRACE
    2.000         0.        0.        0.        0.        0.        0.        0.        0.        0.
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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTION 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      GASTONIA N C
T2      FLOOD INSURANCE
T3      CROWDERS CREEK  100 YR Q

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ

      0.       4.       0.       0.  0.000600      0.       0.       0.   665.000     0.

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE

     3.000     0.       0.       0.       0.       0.       0.       0.       0.       0.
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**********************************************
HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTION 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,5R
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T1      GASTONIA N C
T2      FLOOD INSURANCE
T3      CROWDERS CREEK  500 YR Q

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
          0.        6.        0.        0.  0.000600     0.        0.        0.   646.000     0.
J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLOC     ITRC      CHNIM     ITRACE
     15.000     0.        0.        0.        0.        0.        0.        0.        0.        0.
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

CROWDERS CREEK 500 YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	CR	EG	FROUD # CHL	STENCL	STENCL	VCH
A23.50	0.	0.	0.	448.00	2650.00	462.80	1076.27	462.99	258.98	0.	0.	3.08
A23.50	0.	0.	0.	448.00	5300.00	467.24	2141.50	467.45	259.08	0.	0.	4.23
A23.50	0.	0.	0.	448.00	6800.00	469.14	2745.59	469.41	337.02	0.	0.	4.67
A23.50	0.	0.	0.	448.00	12100.00	474.67	4919.73	474.85	457.67	0.	0.	5.41
A39.50	1400.00	0.	0.	450.50	2650.00	463.30	2618.77	463.71	1535.98	0.	0.	1.75
A39.50	1400.00	0.	0.	450.50	5300.00	467.67	7042.53	467.68	1739.55	0.	0.	1.27
A39.50	1400.00	0.	0.	450.50	6800.00	469.42	9869.50	469.42	1930.99	0.	0.	1.24
A39.50	1400.00	0.	0.	450.50	12100.00	475.03	19316.19	475.03	1950.00	0.	0.	1.37
A59.50	2000.00	0.	0.	448.80	2650.00	463.41	1004.23	463.79	896.82	0.	0.	3.70
A59.50	2000.00	0.	0.	448.80	5300.00	467.85	2852.25	467.93	979.91	0.	0.	3.20
A59.50	2000.00	0.	0.	448.80	6800.00	469.77	3731.12	469.83	1006.80	0.	0.	3.06
A59.50	2000.00	0.	0.	448.80	12100.00	475.15	8034.41	475.19	1006.51	0.	0.	3.00
A68.00	850.00	0.	0.	448.80	2650.00	463.91	3601.95	463.91	1077.68	0.	0.	1.68
A68.00	850.00	0.	0.	448.80	5300.00	468.02	7305.00	468.03	1159.87	0.	0.	1.20
A68.00	850.00	0.	0.	448.80	6800.00	469.92	9353.34	469.92	1189.91	0.	0.	1.16
A68.00	850.00	0.	0.	448.80	12100.00	475.26	16355.25	475.27	1235.00	0.	0.	1.14
A81.00	1300.00	0.	0.	450.60	2650.00	463.93	721.93	464.18	429.77	0.	0.	4.71
A81.00	1300.00	0.	0.	450.60	5300.00	468.09	2016.33	468.24	650.54	0.	0.	4.01
A81.00	1300.00	0.	0.	450.60	6800.00	469.99	2901.19	470.12	724.77	0.	0.	3.92
A81.00	1300.00	0.	0.	450.60	12100.00	475.35	4851.35	475.45	912.33	0.	0.	3.86
A86.00	500.00	0.	0.	457.70	2500.00	464.26	157.34	466.93	38.68	0.	0.	12.87
A86.00	500.00	0.	0.	457.70	4950.00	468.84	534.48	469.42	404.49	0.	0.	9.96
A86.00	500.00	0.	0.	457.70	6600.00	470.20	1048.89	470.80	776.36	0.	0.	7.41
A86.00	500.00	0.	0.	457.70	11300.00	475.58	3705.37	475.72	895.58	0.	0.	5.03
A93.00	700.00	0.	0.	459.00	2500.00	470.52	526.40	470.80	415.96	0.	0.	5.33
A93.00	700.00	0.	0.	459.00	4950.00	472.58	936.21	472.86	447.60	0.	0.	6.65
A93.00	700.00	0.	0.	459.00	6600.00	473.99	1084.55	474.04	452.73	0.	0.	7.69
A93.00	700.00	0.	0.	459.00	11300.00	476.82	2113.43	476.85	473.48	0.	0.	8.05
C07.00	1000.00	0.	0.	460.10	2500.00	472.61	826.50	472.72	891.95	0.	0.	3.31
C07.00	1000.00	0.	0.	460.10	4950.00	476.84	1622.67	476.94	894.60	0.	0.	3.09
C07.00	1000.00	0.	0.	460.10	6600.00	478.76	2021.61	478.81	714.28	0.	0.	0.35
C07.00	1000.00	0.	0.	460.10	11300.00	478.83	3685.20	478.89	726.53	0.	0.	0.05
C00.00	200.00	478.20	478.80	460.10	2500.00	472.61	1607.85	472.72	454.17	0.	0.	1.62
C00.00	200.00	478.20	478.80	460.10	4950.00	476.87	3047.40	476.99	479.25	0.	0.	1.47
C00.00	200.00	478.20	478.80	460.10	6600.00	478.77	4337.55	478.81	498.25	0.	0.	2.03
C00.00	200.00	478.20	478.80	460.10	11000.00	480.04	10072.28	480.12	839.98	0.	0.	1.35
C21.00	1200.00	0.	0.	461.40	2500.00	472.84	2533.30	472.87	1035.25	0.	0.	1.01
C21.00	1200.00	0.	0.	461.40	4950.00	476.94	7190.78	476.99	1507.98	0.	0.	0.88
C21.00	1200.00	0.	0.	461.40	6600.00	478.80	9714.97	478.80	1634.05	0.	0.	0.80
C21.00	1200.00	0.	0.	461.40	11000.00	480.14	25507.26	480.17	1740.00	0.	0.	0.73

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF QUADRANT	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	C*SQRT	TOP WID	EG	TOP WID	STEVENS	STAGE	VEL
933.70	1270.00	0.	0.	663.00	2000.00	472.55	209.79	673.53	192.95	0.	0.	8.00
933.70	1270.00	0.	0.	663.00	4000.00	675.11	1131.41	675.32	732.70	0.	0.	8.23
933.70	1270.00	0.	0.	663.00	6200.00	674.05	1870.08	674.19	837.01	0.	0.	8.10
933.70	1270.00	0.	0.	663.00	11000.00	668.10	7760.07	668.20	1065.00	0.	0.	2.15
945.80	1210.00	0.	0.	666.10	2000.00	677.00	542.10	677.31	450.60	0.	0.	8.51
945.80	1210.00	0.	0.	666.10	4000.00	677.81	859.67	678.18	588.00	0.	0.	8.10
945.80	1210.00	0.	0.	666.10	6200.00	678.00	1000.20	678.50	693.68	0.	0.	8.00
945.80	1210.00	0.	0.	666.10	11000.00	680.56	2900.06	680.74	959.08	0.	0.	6.77
963.00	1720.00	0.	0.	667.40	2200.00	678.55	974.80	679.48	774.70	0.	0.	3.14
963.00	1720.00	0.	0.	667.40	4400.00	681.23	1296.71	681.38	978.03	0.	0.	3.45
963.00	1720.00	0.	0.	667.40	5600.00	681.91	1629.11	682.05	811.63	0.	0.	3.89
963.00	1720.00	0.	0.	667.40	10000.00	683.21	2479.71	683.42	991.62	0.	0.	5.12
983.80	2060.00	0.	0.	673.80	2200.00	680.66	127.65	685.24	111.21	0.	0.	6.16
983.80	2060.00	0.	0.	673.80	4400.00	686.46	397.02	687.24	265.43	0.	0.	7.15
983.80	2060.00	0.	0.	673.80	5600.00	687.11	512.99	687.86	356.70	0.	0.	7.72
983.80	2060.00	0.	0.	673.80	10000.00	689.51	1135.90	690.34	506.03	0.	0.	8.05
1007.00	2320.00	0.	0.	673.80	2100.00	686.13	2115.29	686.11	1037.50	0.	0.	0.99
1007.00	2320.00	0.	0.	673.80	4200.00	688.24	3882.75	688.25	1041.23	0.	0.	1.24
1007.00	2320.00	0.	0.	673.80	5400.00	689.00	4705.79	689.10	1070.53	0.	0.	1.37
1007.00	2320.00	0.	0.	673.80	9500.00	691.68	7520.98	691.40	1083.90	0.	0.	1.71
1015.60	560.00	0.	0.	674.90	2100.00	686.24	1053.88	686.20	708.23	0.	0.	1.02
1015.60	560.00	0.	0.	674.90	4200.00	688.34	2212.55	688.02	921.63	0.	0.	2.11
1015.60	560.00	0.	0.	674.90	5400.00	689.25	2796.91	689.26	830.40	0.	0.	2.27
1015.60	560.00	0.	0.	674.90	9500.00	691.77	4762.98	691.51	955.31	0.	0.	2.64
1031.40	1580.00	0.	0.	677.60	2100.00	687.92	322.46	687.80	207.02	0.	0.	5.37
1031.40	1580.00	0.	0.	677.60	4200.00	688.84	692.22	688.65	521.65	0.	0.	5.85
1031.40	1580.00	0.	0.	677.60	5400.00	689.36	940.83	689.69	577.72	0.	0.	5.91
1031.40	1580.00	0.	0.	677.60	9500.00	691.85	2024.65	691.10	691.08	0.	0.	5.94

SECTION NUMBER	DISCHARGE CFS	C*SFL	C*SFL DIFF EACH O	C*SFL DIFF EACH SECTION	C*SFL-SFEL	TOP WID	T.W. DIFF	LENGTH
823.500	2650.000	682.790	0.	0.	0.	255.905	0.	0.
823.500	5300.000	687.274	4.480	0.	0.	229.000	-32.057	0.
823.500	6800.000	689.182	1.903	0.	0.	307.074	-50.007	0.
823.500	12100.000	674.567	5.385	0.	0.	457.045	-200.095	0.
839.500	2650.000	683.207	0.	0.409	0.	1535.900	0.	1600.000
839.500	5300.000	687.571	4.374	0.433	0.	1798.358	-242.574	1600.000
839.500	6800.000	689.617	1.945	0.435	0.	1930.905	-305.013	1600.000
839.500	12100.000	675.027	5.410	0.448	0.	1950.001	-414.021	1600.000
859.500	2650.000	683.612	0.	0.315	0.	895.019	0.	2000.000
859.500	5300.000	687.780	4.238	0.179	0.	979.911	-251.292	2000.000
859.500	6800.000	689.771	1.921	0.155	0.	1006.805	-304.193	2000.000
859.500	12100.000	675.104	5.375	0.110	0.	1004.504	-309.090	2000.000
868.000	2650.000	683.908	0.	0.296	0.	1007.075	0.	850.000
868.000	5300.000	688.023	4.115	0.172	0.	1159.864	-42.104	850.000
868.000	6800.000	689.918	1.895	0.146	0.	1199.909	-92.233	850.000
868.000	12100.000	675.264	5.348	0.118	0.	1245.000	-137.325	850.000
881.000	2650.000	683.932	0.	0.024	0.	429.771	0.	1300.000
881.000	5300.000	688.091	4.159	0.045	0.	650.540	-220.158	1300.000
881.000	6800.000	689.984	1.893	0.076	0.	724.770	-294.909	1300.000
881.000	12100.000	675.349	5.365	0.085	0.	912.332	-482.561	1300.000

886.000	2500.000	664.256	0.	0.324	0.	38.641	0.	500.000
886.000	4950.000	668.481	4.185	0.351	0.	644.886	-600.244	500.000
886.000	8400.000	670.288	1.807	0.296	0.	776.357	-737.716	500.000
886.000	11300.000	675.584	5.296	0.235	0.	895.501	-856.859	500.000
893.000	2500.000	670.523	0.	0.247	0.	415.462	0.	700.000
893.000	4950.000	672.540	2.017	0.604	0.	547.002	-31.980	700.000
893.000	8400.000	672.987	0.447	2.508	0.	652.735	-36.775	700.000
893.000	11300.000	676.074	3.087	0.890	0.	693.696	-77.953	700.000
907.000	2500.000	672.010	0.	2.027	0.	641.351	0.	1400.000
907.000	4950.000	674.263	2.253	2.325	0.	694.603	-52.851	1400.000
907.000	8400.000	675.765	0.901	2.777	0.	716.279	-76.525	1400.000
907.000	11300.000	678.834	3.070	2.550	0.	795.926	-155.973	1400.000
909.000	2400.000	672.012	0.	0.002	0.	454.172	0.	200.000
909.000	4800.000	674.265	2.253	0.002	0.	479.255	-25.082	200.000
909.000	8200.000	675.766	0.901	0.003	0.	498.258	-44.086	200.000
909.000	11000.000	680.058	4.292	1.620	0.	629.964	-175.812	200.000
921.000	2400.000	672.561	0.	0.259	0.	1495.255	0.	1200.000
921.000	4800.000	675.082	2.520	0.216	0.	1597.939	-102.685	1200.000
921.000	8200.000	675.905	0.818	0.229	0.	1628.051	-132.796	1200.000
921.000	11000.000	680.159	4.166	0.101	0.	1760.000	-264.745	1200.000
933.700	2400.000	672.553	0.	-0.505	0.	102.906	0.	1270.000
933.700	4800.000	675.110	2.557	0.029	0.	736.739	-633.793	1270.000
933.700	8200.000	676.051	0.940	0.055	0.	807.412	-704.466	1270.000
933.700	11000.000	680.186	4.135	0.027	0.	1085.002	-982.056	1270.000
945.800	2400.000	677.085	0.	4.533	0.	450.991	0.	1210.000
945.800	4800.000	677.814	0.727	2.703	0.	584.079	-133.088	1210.000
945.800	8200.000	678.093	0.279	2.002	0.	605.890	-157.889	1210.000
945.800	11000.000	680.556	2.464	0.370	0.	689.884	-238.893	1210.000
963.000	2200.000	679.507	0.	2.441	0.	734.705	0.	1720.000
963.000	4400.000	681.227	1.680	3.414	0.	804.829	-70.126	1720.000
963.000	5600.000	681.913	0.685	3.820	0.	811.035	-76.932	1720.000
963.000	10000.000	683.212	1.299	2.655	0.	821.022	-86.920	1720.000
983.800	2200.000	684.061	0.	5.114	0.	111.209	0.	2080.000
983.800	4400.000	685.462	1.800	5.230	0.	255.430	-144.225	2080.000
983.800	5600.000	687.105	0.645	5.195	0.	306.006	-197.825	2080.000
983.800	10000.000	689.500	2.395	0.298	0.	506.034	-392.825	2080.000
1007.000	2100.000	685.100	0.	1.430	0.	1037.500	0.	2320.000
1007.000	4200.000	687.202	2.101	1.780	0.	1061.226	-23.726	2320.000
1007.000	5600.000	688.091	0.889	1.983	0.	1070.029	-33.129	2320.000
1007.000	9500.000	691.592	3.501	2.076	0.	1083.986	-46.986	2320.000
1015.600	2100.000	685.237	0.	0.137	0.	795.230	0.	840.000
1015.600	4200.000	686.302	2.155	0.158	0.	821.027	-25.507	840.000
1015.600	5600.000	689.256	0.958	0.165	0.	830.304	-34.168	840.000
1015.600	9500.000	691.770	2.515	0.193	0.	855.307	-59.077	840.000
1031.400	2100.000	687.420	0.	1.153	0.	297.919	0.	1540.000
1031.400	4200.000	689.462	2.042	1.446	0.	521.852	-224.832	1540.000
1031.400	5600.000	690.355	0.893	1.599	0.	577.720	-280.701	1540.000
1031.400	9500.000	692.852	2.497	1.081	0.	681.040	-384.041	1540.000

DATA FOR 1491 CROSS SECTION

PROFILE	TYPE END	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	320.479	0.
2	0.	0.	-394.031	78.591