

T1 FPMS BR FAYETTEVILLE NC FIS
T2 10 YR NATURAL
T3 COOL SPRING BR

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-1.	6.	-0	-0	.001000	-0	-0	-0	130.000	-0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IHW	CHNIM	ITRACE
	1.000	-0	-1.000	=0	-0	-0	-0	-0	-0	=0
J3	-2.000	1,000	43,000	42,000	3,000	10,000	5,000	50,000	4,000	53,000
J3	54,000	26,000	0	201,000	0	-0	0	-0	-0	-0
NC	.120	.120	.060	.200	.400	-0	-0	-0	-0	-0
QT	7,000	980,000	980,000	980,000	980,000	340,000	720,000	1870,000	-0	-0
ET	-0	0	150,200	-0	-0	-0	-0	-0	-0	-0
X1	100,000	15,000	300,000	310,000	0	0	0	-0	-0	-0
GR	137,900	81,000	135,700	100,000	132,400	150,000	130,100	200,000	127,800	250,000
GR	126,300	300,000	124,600	302,000	124,200	306,000	124,500	308,000	127,100	310,000
GR	126,900	350,000	127,100	357,000	132,100	400,000	135,200	450,000	136,500	500,000
NC	.100	.100	.015	0	0	-0	-0	-0	-0	-0
X1	150,000	14,000	300,000	319,200	50,000	50,000	50,000	-0	-0	-0
X3	10,000	0	0	0	0	0	0	128,200	128,200	0
GR	137,900	81,000	135,700	100,000	132,400	150,000	130,100	200,000	127,800	250,000
GR	126,200	300,000	124,200	300,000	124,200	319,200	127,100	319,200	126,900	350,000
GR	127,100	357,000	132,100	400,000	135,200	450,000	136,500	500,000	-0	-0
SB	1,250	1,650	2,500	0	19,200	3,200	72,000	0	124,700	124,200
X1	213,000	0	0	0	63,000	63,000	63,000	-0	-0	-0
X2	-0	0	1,000	128,700	133,200	-0	0	133,200	133,200	-0
RT	10,000	81,000	137,900	137,900	100,000	135,700	135,700	150,000	134,000	132,400
BT	200,000	133,500	130,100	250,000	133,200	127,800	300,000	133,200	128,200	319,200
BT	133,500	128,200	350,000	134,200	126,900	400,000	136,200	132,100	450,000	137,700
BT	135,200	0	0	0	0	0	0	0	0	0
NC	.100	.100	.500	-0	-0	-0	-0	-0	-0	-0
X1	263,000	15,000	300,000	310,000	50,000	50,000	50,000	-0	1,000	-0
GR	137,900	81,000	135,700	100,000	132,400	150,000	130,100	200,000	127,800	250,000
GR	126,300	300,000	124,600	302,000	124,200	306,000	124,500	308,000	127,100	310,000
GR	126,900	350,000	127,100	357,000	132,100	400,000	135,200	450,000	136,500	500,000
X1	663,000	14,000	122,000	133,000	400,000	400,000	400,000	-0	-2,000	-0
GR	144,900	0	140,700	50,000	136,500	100,000	133,900	122,000	131,000	125,000
GR	130,900	127,000	131,300	129,000	134,500	133,000	134,600	150,000	132,800	200,000
GR	133,600	209,000	136,100	250,000	142,700	276,000	144,900	286,000	-0	-0
QT	7,000	940,000	940,000	940,000	940,000	330,000	690,000	1800,000	-0	-0
X1	1113,000	0	0	-0	450,000	450,000	450,000	-0	2,000	-0
NC	.080	.080	.025	0	0	0	0	0	0	0
ET	-0	0	4000,200	-0	-0	-0	-0	-0	-0	-0
X1	1163,000	15,000	322,000	324,000	50,000	50,000	50,000	-0	-0	-0

GR	160,000	0	144,900	200,000	140,700	250,000	136,500	300,000	133,900	322,000
GR	131,500	322,000	131,500	324,000	134,500	324,000	134,600	350,000	132,800	400,000
GR	142,700	476,000	144,900	486,000	160,000	586,000	0	0	0	0
SB	0	4,800	2,500	0	2,000	0	4,900	0	131,700	131,200

X1	1263,000	0	0	0	100,000	100,000	100,000	0	0	0
X2	0	0	1,000	136,500	157,500	0	0	0	0	0
X3	10,000	0	0	0	0	0	0	157,500	157,500	0
BT	7,000	50,000	162,800	0	150,000	159,500	0	200,000	158,500	0
RT	300,000	157,600	0	350,000	157,800	0	400,000	158,400	0	540,000
BT	162,800	0	0	0	0	0	0	0	0	0
NC	,070	,070	,020	0	0	0	0	0	0	0

X1	1313,000	8,000	120,000	420,000	50,000	50,000	50,000	0	0	0
GR	170,000	0	160,000	50,000	150,000	120,000	140,000	160,000	140,000	370,000
GR	150,000	420,000	160,000	440,000	170,000	480,000	0	0	0	0

X1	1833,000	0	0	0	520,000	520,000	520,000	0	0	0
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X1	2333,000	8,000	96,000	336,000	500,000	500,000	500,000	0	0	0
GR	170,000	0	160,000	40,000	150,000	96,000	140,000	128,000	140,000	296,000
GR	150,000	336,000	160,000	352,000	170,000	384,000	0	0	0	0
OT	7,000	880,000	880,000	880,000	880,000	310,000	650,000	1680,000	0	0

X1	2833,000	8,000	67,000	235,000	500,000	500,000	500,000	0	0	0
GR	170,000	0	160,000	28,000	150,000	67,000	140,000	90,000	140,000	207,000
GR	150,000	235,000	160,000	246,000	170,000	269,000	0	0	0	0
NC	,050	,050	,015	0	0	0	0	0	0	0

Y1	2883,000	11,000	326,000	350,000	50,000	50,000	50,000	0	0	0
GR	167,400	28,000	165,500	50,000	164,800	75,000	163,600	100,000	162,900	150,000
GR	162,500	200,000	162,700	250,000	162,700	300,000	161,600	326,000	161,300	350,000
GR	167,400	376,000	0	0	0	0	0	0	0	0
NC	,100	,100	,020	0	0	0	0	0	0	0

X1	2933,000	8,000	90,000	320,000	50,000	50,000	50,000	0	0	0
GR	170,000	0	160,000	80,000	159,000	90,000	150,000	130,000	150,000	300,000
GR	159,000	320,000	160,000	330,000	170,000	370,000	0	0	0	0

X1	3433,000	0	0	0	500,000	500,000	500,000	0	0	0
OT	7,000	830,000	830,000	830,000	830,000	290,000	620,000	1600,000	0	0

X1	3933,000	0	0	0	500,000	500,000	500,000	0	0	0
NC	,100	,070	,040	0	0	0	0	0	0	0
ET	0	0	9,100	0	0	0	0	0	100,000	230,000

X1	4433,000	12,000	100,000	108,000	500,000	500,000	500,000	0	0	0
GR	169,100	47,000	168,500	50,000	163,100	84,000	162,400	100,000	160,000	102,000
GR	160,100	105,000	160,800	107,000	162,300	108,000	161,600	150,000	161,100	200,000
GR	162,000	250,000	167,800	300,000	0	0	0	0	0	0
NC	,100	,100	,040	0	0	0	0	0	0	0
ET	0	0	100,200	0	0	0	0	0	0	0

X1	5133,000	17,000	135,000	145,000	700,000	700,000	700,000	0	0	0
GR	180,000	0	178,000	15,000	176,000	30,000	174,000	50,000	172,000	65,000

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTVILLE NC FIS
 T2 100 YR NATURAL
 T3 COOL SPRING BR

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FU
	-10.	2.	-0	-0	.001000	.0.	-0	-0.	132.000	-0
J2	NPROF	IPLST	PRFVS	XSECV	XSECH	FN	ALLDC	IBH	CHNIM	ITRACE
	3.000	-0	.1,000	.0	.0	.0	.0	.0	-0	.0

*PROF 3

CCHV= .200 CEHV= .400
 *SECNO 100,000

SECNO	DEPTH	WSEL	CRIMS	WSELK	EG	HV	HL	LOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWD	ENDST	
100.00	7.87	132.07	0	132.00	132.10	.03	0	0	126.30	
980.	438.	188.	354.	449.	72.	345.	0	0	127.10	
0	.97	2.61	1.03	.120	.060	.120	0	124.20	157.13	
.001014	0	0	0	0	0	3	0	242.63	399.76	

*SECNO 150,000

150.00	7.80	132.00	0	0	132.18	.18	.02	.06	126.20	
980.	205.	636.	139.	442.	150.	292.	1.	0.	127.10	
.00	.46	4.25	.48	.100	.015	.100	.015	124.20	158.73	
.000161	50.	50.	50.	2	0	1	0	240.40	399.13	

SPECIAL BRIDGE

SB	XK	XKOR	COFO	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.65	2.50	0	19.20	3.20	72.00	0	124.70	124.20

*SECNO 213.000
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	OWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
136.75	132.25	.07	476.	510.	72.	64.	128.70	133.20	
213.00	8.98	133.18	0	0	133.29	.11	1.10	0	126.20
980.	239.	584.	157.	621.	172.	397.	3.	1.	127.10

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTEVILLE NC FIS
 T2 500 YR NATURAL
 T3 COOL SPRING BR

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	8.	-0	*0	,001000	*0	-0	-0	134.000	-0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0	-1.000	-0	-0	-0	-0	-0	-0	-0

*PROF 4

CCHV= ,200 CEHV= ,400

*SECNO 100.000

SECNO	DEPTH	WSEL	CRHS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

100.00	9.80	134.00	0	134.00	134.04	.04	0	0	126.30
1870.	905.	279.	686.	757.	91.	547.	0	0	127.10
0	1.20	3.06	1.25	.120	.060	.120	0	124.20	125.76
.001015	0	0	0	0	0	1	0	304.89	430.65

*SECNO 150.000

150.00	9.67	133.87	0	0	134.16	.29	.02	.10	126.20
1870.	488.	1064.	318.	737.	186.	469.	2.	0.	127.10
.00	.66	5.73	.68	.100	.015	.100	.015	124.20	127.73
.000220	50.	50.	50.	2	0	1	0	300.81	428.54

SPECIAL BRIDGE

5227 DOWNSTREAM ELEV IS 129.05 ,NOT 133.87 HYDRAULIC JUMP OCCURS DOWNSTREAM (IF LOW FLOW CONTROLS)

SB	XK	XKOR	COFO	RULEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.65	2.50	0	19.20	3.20	72.00	0	124.70	124.20

*SECNO 213.000

6870 D.S. ENERGY OF 134.16 HIGHER THAN COMPUTED ENERGY OF 133.88
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID	ELLC	ELTRD
						AREA		
151.15	135.69	0	1830.	35.	72.	64.	128.70	133.20

SUMMARY PRINTOUT

COOL SPRING BR

SECNO	CWSEL	Q	ELMIN	EG	HV	10K+S	DIFWSP	TOPWID	SSTA	ENDST	VCH
100.00	129.80	340.00	124.20	129.83	.02	10.00	0	173.85	206.42	380.26	2.0
100.00	131.30	720.00	124.20	131.33	.03	10.10	1.50	219.26	173.87	393.14	2.4
100.00	132.07	980.00	124.20	132.10	.03	10.14	.77	242.63	157.13	399.76	2.6
100.00	134.00	1870.00	124.20	134.04	.04	10.15	1.93	304.89	125.76	430.65	3.0
150.00	129.79	340.00	124.20	129.86	.07	.84	0	173.26	206.83	380.10	2.4
150.00	131.25	720.00	124.20	131.39	.14	1.36	1.46	217.65	175.03	392.68	3.6
150.00	132.00	980.00	124.20	132.18	.18	1.61	.75	240.40	158.73	399.13	4.2
150.00	133.87	1870.00	124.20	134.16	.29	2.20	1.87	300.81	127.73	428.54	5.7
213.00	130.30	340.00	124.20	130.36	.05	.57	0	188.98	195.57	384.55	2.1
213.00	133.17	720.00	124.20	133.23	.06	.46	2.87	278.97	138.31	417.28	2.4
213.00	133.18	980.00	124.20	133.29	.11	.85	.01	279.20	138.20	417.40	3.3
213.00	133.87	1870.00	124.20	134.16	.29	2.19	.69	301.00	127.64	428.64	5.7
263.00	130.35	340.00	125.20	130.37	.02	24.42	0	160.08	216.25	376.36	.3
263.00	133.23	720.00	125.20	133.24	.01	4.87	2.88	248.52	153.63	402.15	.2
263.00	133.29	980.00	125.20	133.31	.02	8.60	.06	250.80	152.32	403.12	.2
263.00	134.19	1870.00	125.20	134.24	.04	15.99	.90	279.60	138.01	417.61	.4
663.00	132.85	340.00	128.90	133.00	.16	453.80	0	115.41	114.00	229.42	1.0
663.00	133.74	720.00	128.90	133.92	.18	265.64	.89	137.54	106.47	244.02	1.0
663.00	134.15	980.00	128.90	134.36	.21	244.91	.42	147.26	102.94	250.21	1.0
663.00	135.53	1870.00	128.90	135.78	.25	152.88	1.38	167.89	87.74	255.63	1.0
1113.00	136.18	330.00	130.90	136.20	.02	26.72	0	147.56	102.74	250.50	.3
1113.00	137.14	690.00	130.90	137.18	.04	31.95	.96	161.66	92.43	254.08	.4
1113.00	137.65	940.00	130.90	137.71	.06	33.98	.51	169.90	86.24	256.13	.4
1113.00	138.95	1800.00	130.90	139.05	.10	40.96	1.30	190.32	70.89	261.21	.6
1163.00	136.27	330.00	131.50	136.31	.03	16.64	0	124.76	301.91	426.67	2.8
1163.00	137.26	690.00	131.50	137.32	.06	21.46	.98	143.11	291.06	434.17	3.6
1163.00	137.78	940.00	131.50	137.85	.07	23.44	.52	153.33	284.85	438.18	4.0
1163.00	139.10	1800.00	131.50	139.22	.12	28.32	1.32	179.37	269.01	448.39	5.1
1263.00	158.59	330.00	131.50	158.59	.00	.00	0	557.97	18.69	576.66	.0
1263.00	159.08	690.00	131.50	159.08	.00	.00	.49	567.70	12.20	579.90	.1
1263.00	159.35	940.00	131.50	159.35	.00	.01	.27	573.01	8.66	581.67	.2
1263.00	160.05	1800.00	131.50	160.05	.00	.03	.70	586.00	0	586.00	.3
1313.00	158.59	330.00	140.00	158.59	.00	.00	0	377.30	59.88	437.18	.0
1313.00	159.08	690.00	140.00	159.08	.00	.00	.49	381.71	56.45	438.16	.1
1313.00	159.35	940.00	140.00	159.35	.00	.00	.27	384.11	54.58	438.69	.1
1313.00	160.05	1800.00	140.00	160.05	.00	.00	.70	390.43	49.76	440.19	.3
1833.00	158.59	330.00	140.00	158.59	.00	.00	0	377.30	59.88	437.18	.0
1833.00	159.08	690.00	140.00	159.08	.00	.00	.49	381.71	56.45	438.16	.1
1833.00	159.35	940.00	140.00	159.35	.00	.00	.27	384.11	54.58	438.69	.1
1833.00	160.05	1800.00	140.00	160.05	.00	.00	.70	390.43	49.76	440.19	.3
2333.00	158.59	330.00	140.00	158.59	.00	.00	0	301.84	47.90	349.74	.0
2333.00	159.08	690.00	140.00	159.08	.00	.00	.49	305.37	45.16	350.53	.1
2333.00	159.35	940.00	140.00	159.35	.00	.00	.27	307.29	43.66	350.95	.2
2333.00	160.05	1800.00	140.00	160.05	.00	.01	.70	312.35	39.81	352.15	.4

SECNO	CWSEL	Q	ELMIN	EG	HV	10K*S	DIFWSP	TOPWID	SSTA	ENDST	VCH
2833.00	158.59	310.00	140.00	158.59	.00	.00	0	210.95	33.50	244.45	.1
2833.00	159.08	650.00	140.00	159.08	.00	.00	.49	213.39	31.59	244.99	.2
2833.00	159.35	880.00	140.00	159.35	.00	.00	.27	214.73	30.55	245.28	.2
2833.00	160.05	1680.00	140.00	160.05	.00	.01	.70	218.25	27.86	246.11	.5
* 2883.00	163.10	310.00	161.30	163.47	.38	17.35	0	221.60	136.05	357.65	5.7
* 2883.00	163.62	650.00	161.30	164.10	.49	19.27	.52	260.18	99.69	359.87	7.2
* 2883.00	163.84	880.00	161.30	164.42	.58	21.64	.22	265.82	95.01	360.82	8.2
* 2883.00	164.48	1680.00	161.30	165.29	.80	25.31	.64	281.91	81.65	363.56	10.4
2933.00	163.55	310.00	150.00	163.55	.00	.00	0	292.60	51.60	344.20	.1
2933.00	164.20	650.00	150.00	164.20	.00	.00	.65	300.42	46.39	346.81	.2
2933.00	164.54	880.00	150.00	164.54	.00	.00	.34	304.45	43.70	348.15	.2
2933.00	165.44	1680.00	150.00	165.45	.00	.01	.90	315.31	36.46	351.77	.5
3433.00	163.55	310.00	150.80	163.55	.00	.00	0	283.00	58.00	341.00	.1
3433.00	164.20	650.00	150.80	164.20	.00	.00	.65	290.82	52.79	343.61	.2
3433.00	164.54	880.00	150.80	164.54	.00	.01	.34	294.85	50.10	344.95	.3
3433.00	165.44	1680.00	150.80	165.45	.00	.02	.91	305.71	42.86	348.57	.5
3933.00	163.55	290.00	150.80	163.55	.00	.00	0	283.00	58.00	341.00	.1
3933.00	164.20	620.00	150.80	164.20	.00	.00	.65	290.82	52.78	343.61	.2
3933.00	164.54	830.00	150.80	164.54	.00	.01	.34	294.85	50.10	344.95	.2
3933.00	165.44	1600.00	150.80	165.45	.00	.02	.91	305.72	42.85	348.57	.5
4433.00	163.54	290.00	160.00	163.56	.02	6.76	0	182.20	81.17	263.36	1.7
4433.00	164.18	620.00	160.00	164.22	.04	12.17	.64	191.60	77.20	268.80	2.5
4433.00	164.51	830.00	160.00	164.56	.05	14.54	.33	196.51	75.13	271.63	3.0
4433.00	165.39	1600.00	160.00	165.49	.10	21.84	.88	209.63	69.59	279.21	4.2
* 5133.00	165.19	290.00	162.00	165.70	.51	156.25	0	75.76	116.10	191.86	7.4
* 5133.00	165.91	620.00	162.00	166.69	.78	190.30	.72	88.29	110.73	199.02	9.9
* 5133.00	166.48	830.00	162.00	167.17	.70	146.38	.57	95.98	106.41	202.39	9.8
* 5133.00	167.95	1600.00	162.00	168.69	.74	111.82	1.47	114.30	95.42	209.72	10.8
5633.00	171.41	290.00	166.60	171.85	.44	99.08	0	85.40	136.68	222.08	6.5
5633.00	172.47	620.00	166.60	172.90	.43	85.79	1.06	114.38	121.03	235.40	7.4
5633.00	172.78	830.00	166.60	173.31	.53	103.25	.31	119.60	116.53	236.13	8.5
5633.00	173.83	1600.00	166.60	174.53	.71	122.19	1.05	137.55	101.08	238.63	10.7
* 5683.00	186.07	260.00	185.10	186.34	.27	168.07	0	119.41	84.64	204.05	4.1
* 5683.00	186.44	560.00	185.10	186.83	.39	147.18	.37	145.81	78.80	224.61	5.0
* 5683.00	186.64	760.00	185.10	187.09	.45	139.95	.19	159.57	75.75	235.32	5.3
* 5683.00	187.15	1480.00	185.10	187.79	.64	120.22	.52	198.76	66.97	265.73	6.4
5684.00	186.40	260.00	170.00	186.40	.00	.00	0	267.16	30.63	297.79	.0
5684.00	186.91	560.00	170.00	186.91	.00	.00	.52	272.58	26.24	298.82	.1
5684.00	187.18	760.00	170.00	187.18	.00	.00	.26	275.35	24.00	299.35	.2
5684.00	187.91	1480.00	170.00	187.92	.00	.01	.74	283.08	17.74	300.82	.4
5685.00	186.40	260.00	170.00	186.40	.00	.00	0	267.25	30.56	297.81	.0
5685.00	186.91	560.00	170.00	186.91	.00	.00	.52	272.66	26.18	298.84	.1
5685.00	187.18	760.00	170.00	187.18	.00	.00	.26	275.43	23.94	299.37	.2
5685.00	187.91	1480.00	170.00	187.92	.00	.01	.74	283.14	17.69	300.84	.4

SECNO	CWSFL	Q	ELMIN	EG	HV	10K+S	DIFWSP	TOPWID	SSTA	ENDST	VCH
5690.00	186.40	260.00	170.00	186.40	.00	.00	0	267.25	30.56	297.81	.0
5690.00	186.91	560.00	170.00	186.91	.00	.00	.52	272.66	26.18	298.84	.1
5690.00	187.18	760.00	170.00	187.18	.00	.00	.26	275.43	23.94	299.37	.2
5690.00	187.91	1480.00	170.00	187.92	.00	.01	.74	283.14	17.69	300.84	.4
5700.00	186.40	260.00	170.00	186.40	.00	.00	0	267.25	30.56	297.81	.0
5700.00	186.91	560.00	170.00	186.91	.00	.00	.52	272.66	26.18	298.84	.1
5700.00	187.18	760.00	170.00	187.18	.00	.00	.26	275.43	23.94	299.37	.2
5700.00	187.91	1480.00	170.00	187.92	.00	.01	.74	283.14	17.69	300.84	.4
6000.00	186.40	260.00	170.00	186.40	.00	.00	0	168.27	19.06	187.33	.1
6000.00	186.91	560.00	170.00	186.91	.00	.00	.52	171.67	16.32	188.00	.3
6000.00	187.18	760.00	170.00	187.18	.00	.01	.26	173.41	14.93	188.34	.4
6000.00	187.91	1480.00	170.00	187.92	.01	.03	.73	178.26	11.03	189.29	.7
6500.00	186.40	260.00	170.00	186.40	.00	.00	0	128.02	14.38	142.40	.1
6500.00	186.91	560.00	170.00	186.91	.00	.01	.52	130.60	12.32	142.92	.4
6500.00	187.18	760.00	170.00	187.18	.00	.01	.26	131.92	11.26	143.18	.5
6500.00	187.91	1480.00	170.00	187.92	.01	.05	.73	135.57	8.34	143.91	.9
6700.00	186.39	260.00	182.50	186.40	.00	1.26	0	225.17	28.00	253.17	.8
6700.00	186.91	560.00	182.50	186.92	.01	3.60	.51	230.88	28.00	258.88	1.5
6700.00	187.17	760.00	182.50	187.18	.01	5.27	.26	233.83	28.00	261.83	1.9
6700.00	187.90	1480.00	182.50	187.93	.04	11.35	.73	241.99	28.00	269.99	3.1
* 6750.00	187.02	260.00	186.10	187.25	.22	116.68	0	192.68	111.77	316.74	4.8
* 6750.00	187.33	560.00	186.10	187.64	.31	117.95	.31	225.67	111.69	337.36	6.0
* 6750.00	187.47	760.00	186.10	187.84	.37	127.87	.14	231.25	111.65	342.90	6.7
* 6750.00	187.89	1480.00	186.10	188.43	.53	131.53	.42	248.16	111.53	359.69	8.2

FLOOD INSURANCE ZONE DATA FOR COOL SPRING BR

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10'	20'	0.2'
100,000	0	-2.3	-.8	1.9
150,000	50.	-2.2	-.7	1.9
213,000	113.	-2.9	-.0	.7
263,000	163.	-2.9	-.1	.9
663,000	563.	-1.3	-.4	1.4
1113,000	1013.	-1.5	-.5	1.3
1163,000	1063.	-1.5	-.5	1.3
1263,000	1163.	-.8	-.3	.7
1313,000	1213.	-.8	-.3	.7
1833,000	1733.	-.8	-.3	.7
2333,000	2233.	-.8	-.3	.7
2833,000	2733.	-.8	-.3	.7
2883,000	2783.	-.7	-.2	.6
2933,000	2833.	-1.0	-.3	.9
3433,000	3333.	-1.0	-.3	.9
3933,000	3833.	-1.0	-.3	.9
4433,000	4333.	-1.0	-.3	.9
5133,000	5033.	-1.3	-.6	1.5
5633,000	5533.	-1.4	-.3	1.1
5683,000	5583.	-.6	-.2	.5
5684,000	5584.	-.8	-.3	.7
5685,000	5585.	-.8	-.3	.7
5690,000	5590.	-.8	-.3	.7
5700,000	5600.	-.8	-.3	.7
6000,000	5900.	-.8	-.3	.7
6500,000	6400.	-.8	-.3	.7
6700,000	6600.	-.8	-.3	.7
6750,000	6650.	-.4	-.1	.4

WEIGHTED AVG FOR REACH		-1.1	-.3	.9

FHF FOR THE REACH = 010 WITH 91.5% OF THE REACH WITHIN .5 FEET ZONE FOR THE REACH = A 2

POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	1	CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	1	20 TRIALS REQUIRED TO BALANCE WSEL
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	2	CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	2	20 TRIALS REQUIRED TO BALANCE WSEL
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	3	CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	3	20 TRIALS REQUIRED TO BALANCE WSEL
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	4	CRITICAL DEPTH ASSUMED
POSSIBLE ERROR	SECNO=	2883,00	PROFILE=	4	20 TRIALS REQUIRED TO BALANCE WSEL