Muddy Creek West Branch

THIS RUN EXECUTED 03/13/79 11:33:34

Final PFXFILES
(Single Zone)

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  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50,51,52,53
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T1     FIS RANDOLPH CO. N.C.  11-7-78
T2     10 YR NATURAL AND FLOOD ZONE TABLE 201
T3     MUDDY-M. BR. ARCHDALE

J1   ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       -1.       2.        0.        0.        0.        0.        0.        0.     783.000     0.
J2   NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
     1.000       0.        0.        0.        0.        0.        0.        0.        0.        0.
J3   VARIABLE CODES FOR SUMMARY PRINTOUT
     48.000    43.000     1.000     2.000     3.000    42.000     5.000    33.000     4.000    25.000
     63.000    23.000    24.000     0.        38.000    13.000    15.000    14.000    55.000    56.000
     26.000     4.000    53.000    54.000    39.000    50.000    10.000   201.000     0.        0.
J5   LPRNT     NUMSEC                      ********REQUESTED SECTION NUMBERS********
    -10.000   -10.000     0.        0.        0.        0.        0.        0.        0.        0.
J6   IHLEQ     ICOPY
     1.000       0.        0.        0.        0.        0.        0.        0.        0.        0.
NC     .126      .126      .053      .100      .300       0.        0.        0.        0.        0.
OT    4.000   327.000   614.000   783.000  1240.000       0.        0.        0.        0.        0.

X1    17.000    16.000  1279.000  1295.000     0.        0.        0.        0.        0.        0.
GR   802.200  1000.000   801.800  1009.000   795.000  1100.000   792.600  1122.000   786.010  1200.000
GR   783.400  1279.000   778.800  1284.000   777.800  1286.000   778.500  1290.000   783.800  1295.000
GR   778.900  1306.000   781.700  1311.000   782.700  1379.000   785.300  1389.000   785.500  1401.000
GR   785.400  1414.000     0.        0.        0.        0.        0.        0.        0.        0.

X1    16.000    17.000  1437.000  1454.000  1400.000  1400.000  1400.000     0.        0.        0.
GR   802.900  1000.000   796.500  1100.000   792.300  1164.000   794.700  1200.000   794.100  1211.000
GR   791.600  1300.000   788.300  1344.600   791.400  1359.000   789.100  1373.000   789.800  1400.000
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GR	740.500	1437.000	785.600	1440.000	786.500	1445.000	787.000	1451.000	787.600	1454.000
GR	797.100	1500.000	804.100	1530.000	0.	0.	0.	0.	0.	0.
OT	4.000	295.000	555.000	703.000	1123.000	0.	0.	0.	0.	0.
XI	15.000	10.000	1300.000	1312.000	1250.000	1250.000	1250.000	0.	0.	0.
GR	813.200	1000.000	806.600	1100.000	802.100	1200.000	801.300	1300.000	796.900	1302.000
GR	797.000	1305.000	797.500	1309.000	801.100	1312.000	801.700	1400.000	814.300	1500.000
OT	4.000	227.000	431.000	552.000	879.000	0.	0.	0.	0.	0.
XI	73.000	15.000	1326.000	1352.000	2000.000	2000.000	2000.000	0.	0.	0.
GR	832.000	1000.000	825.400	1100.000	821.100	1200.000	818.200	1300.000	817.600	1324.000
GR	814.400	1339.000	814.300	1343.000	814.500	1347.000	817.000	1352.000	815.300	1400.000
GR	817.000	1500.000	820.100	1600.000	821.000	1700.000	824.000	1800.000	830.300	1900.000
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
XI	731.000	15.000	1234.000	1241.000	150.000	150.000	150.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	818.590	814.590	0.
GR	831.500	1000.000	826.500	1100.000	822.600	1200.000	818.590	1234.000	814.240	1234.000
GR	814.240	1234.000	814.240	1241.000	818.590	1241.000	820.500	1278.000	820.400	1300.000
GR	820.500	1400.000	822.500	1500.000	825.000	1600.000	827.700	1700.000	824.400	1760.000
SR	.900	1.740	2.600	0.	7.000	.100	30.450	0.	0.	0.
XI	131.000	0.	0.	0.	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	1.000	814.590	821.230	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	821.230	821.230	0.
RT	4.000	1000.000	831.500	831.500	1234.000	821.230	818.590	1241.000	821.230	818.590
RT	1760.000	829.400	829.400	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.053	.100	.300	0.	0.	0.	0.	0.
XI	13.000	15.000	1254.000	1272.000	75.000	75.000	75.000	0.	0.	0.
GR	831.500	1000.000	823.000	1100.000	818.300	1200.000	816.900	1254.000	815.200	1259.000
GR	814.700	1263.000	814.400	1267.000	817.500	1272.000	818.500	1300.000	819.500	1321.000
GR	819.900	1334.000	819.800	1345.000	820.900	1400.000	825.500	1500.000	824.900	1600.000
XI	74.000	14.000	1216.000	1238.000	1275.000	1275.000	1275.000	0.	0.	0.
GR	835.800	1000.000	835.500	1010.000	832.600	1100.000	828.400	1200.000	824.100	1207.000
GR	829.000	1216.000	824.800	1222.000	824.600	1226.000	824.800	1228.000	831.300	1238.000
GR	831.800	1300.000	834.900	1400.000	835.000	1404.000	843.600	1454.000	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
XI	741.000	11.000	1217.000	1225.000	93.000	93.000	93.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	830.970	830.970	0.
GR	836.700	1000.000	833.200	1100.000	832.700	1200.000	830.970	1217.000	824.970	1217.000
GR	824.970	1221.000	824.970	1225.000	830.970	1225.000	833.200	1300.000	837.100	1400.000
GR	843.500	1464.000	0.	0.	0.	0.	0.	0.	0.	0.
SR	.900	1.870	2.600	0.	5.130	.100	32.000	0.	0.	0.

X1	111.000	0.	0.	0.	63.000	63.000	63.000	0.	0.	0.
X2	0.	0.	1.000	830.970	832.630	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	832.630	832.630	0.
RT	5.000	1000.000	836.700	836.700	1217.000	832.630	824.970	1221.000	832.630	830.970
RT	1225.000	832.630	824.970	1464.000	843.500	843.500	0.	0.	0.	0.
NC	0.	0.	.053	.100	.300	0.	0.	0.	0.	0.

X1	11.000	15.000	1215.000	1234.000	43.000	43.000	43.000	0.	0.	0.
GR	835.900	1000.000	834.600	1032.000	832.100	1100.000	831.200	1140.000	830.500	1200.000
GR	829.600	1215.000	826.800	1221.000	824.800	1226.000	826.000	1228.000	831.700	1234.000
GR	832.100	1244.000	832.300	1300.000	834.700	1345.000	837.400	1400.000	844.900	1444.000
NT	4.000	109.000	214.000	277.000	450.000	0.	0.	0.	0.	0.

X1	10.000	10.000	1175.000	1189.000	475.000	475.000	475.000	0.	0.	0.
GR	843.700	1000.000	834.500	1100.000	835.100	1175.000	829.800	1178.000	829.500	1181.000
GR	829.800	1184.000	834.800	1189.000	835.300	1198.000	835.300	1200.000	845.000	1275.000
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 03/13/79 11:33:48

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  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR =  01.02
  MODIFICATION =  50.51.52.53
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T1 FIS RANDOLPH CO. N.C. 11-8-78
T2 50 YR NATURAL AND FLOOD ZONE TABLE 201
T3 MUDDY-W. BR. ARCHDALE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.	0.	0.	0.	783.800	0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 03/13/79 11:33:53

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
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T1      FIS RANDOLPH CO. N.C.  11-8-78
T2      100 YR NATURAL AND FLOOD ZONE TABLE 201
T3      MUDDY-W. BR., ARCHDALE

J1  ICHECK     INQ      NINV     IDIR     STRT     METRIC   HVINS      Q        WSEL      FQ
      -10.       4.       0.       0.  0.          0.       0.        0.    784.200      0.

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH      FN     ALLDC     IBW      CHNIM     ITRACE
     32000      0.       0.       0.       0.       0.       0.       0.       0.         0.

IHLEQ = 1.  THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH.  SEE DOCUMENTATION FOR
DETAILS.
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THIS RUN EXECUTED 03/13/79 11:33:58

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  HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
  ERROR CORR - 01.02
  MODIFICATION - 50,51,52,53
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T1 FIS RANDOLPH CO. N.C. 11-8-78
T2 500 YR NATURAL AND FLOOD ZONE TABLE 201
T3 MUDDY-W. BR. ARCHDALE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.	0.	0.	0.	786.000	0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 03/13/79 11:34:01

HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01.02
MODIFICATION - 50.51.52.53

PROFILES

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

MUDDY-W. BR. ARCHDALE

SUMMARY PRINTOUT

	SECNO	Q	CWSEL	CRIWS	FG	ELMIN	10K*S	K*CHSL	TOPWID	AREA	TELMX	XLPFL	RHFL
	17.000	327.00	783.00	0.	783.24	777.80	78.44	0.	98.17	134.88	785.40	783.40	783.80
	17.000	614.00	783.80	0.	784.10	777.80	96.48	0.	116.38	218.36	785.40	783.40	783.80
A	17.000	783.00	784.20	0.	784.52	777.80	95.96	0.	130.08	267.65	785.40	783.40	783.80
	17.000	1240.00	786.06	0.	786.18	777.80	40.80	0.	214.00	570.65	785.40	783.40	783.80
	16.000	327.00	790.71	0.	790.87	785.60	41.71	5.57	140.01	180.41	802.90	790.50	789.60
	16.000	614.00	791.72	0.	791.88	785.60	38.94	5.57	171.20	336.14	802.90	790.50	789.60
B	16.000	783.00	792.13	0.	792.30	785.60	39.02	5.57	188.46	410.52	802.90	790.50	789.60
	16.000	1240.00	792.68	0.	792.93	785.60	55.33	5.57	211.19	519.39	802.90	790.50	789.60
	15.000	295.00	801.65	800.55	802.24	796.90	138.18	9.04	138.88	74.94	813.20	801.30	801.10
*	15.000	555.00	802.39	802.39	802.89	796.90	129.91	9.04	211.91	211.60	813.20	801.30	801.10
C	15.000	708.00	802.65	0.	803.14	796.90	132.83	9.04	219.70	267.37	813.20	801.30	801.10
	15.000	1123.00	803.33	0.	803.73	796.90	116.74	9.04	240.08	422.65	813.20	801.30	801.10
	73.000	227.00	817.06	0.	817.13	814.30	50.71	8.70	173.68	176.85	830.30	817.60	817.00
	73.000	431.00	817.63	0.	817.71	814.30	51.67	8.70	195.67	282.23	830.30	817.60	817.00
D	73.000	552.00	817.90	0.	817.99	814.30	51.38	8.70	216.11	337.88	830.30	817.60	817.00
	73.000	879.00	818.46	0.	818.59	814.30	54.29	8.70	255.90	469.56	830.30	817.60	817.00
	731.000	227.00	817.69	0.	819.06	814.24	120.01	-.40	7.00	24.13	829.40	818.59	818.59
*	731.000	431.00	819.73	819.73	821.50	814.24	100.82	-.40	37.69	55.95	829.40	818.59	818.59
* E	731.000	552.00	821.25	821.25	821.97	814.24	40.10	-.40	225.91	250.30	829.40	818.59	818.59
*	731.000	879.00	821.84	821.89	822.65	814.24	47.25	-.40	263.61	408.10	829.40	818.59	818.59
*	131.000	227.00	818.08	0.	819.19	814.24	90.05	0.	7.00	26.49	829.40	818.59	818.59
	131.000	431.00	822.25	0.	822.37	814.24	7.54	0.	284.61	506.52	829.40	818.59	818.59
	131.000	552.00	822.79	0.	822.88	814.24	7.02	0.	316.14	666.62	829.40	818.59	818.59
*	131.000	879.00	823.33	0.	823.46	814.24	10.35	0.	351.65	947.26	829.40	818.59	818.59
	13.000	227.00	819.38	0.	819.43	814.40	10.42	2.13	141.27	221.85	829.90	816.90	817.60
	13.000	431.00	822.39	0.	822.40	814.40	1.64	2.13	319.27	952.25	829.90	816.90	817.60
F	13.000	552.00	822.90	0.	822.91	814.40	1.81	2.13	341.42	1122.36	829.90	816.90	817.60

F	13.000	879.00	823.49	0.	823.51	814.40	2.94	2.13	361.95	1324.29	829.90	814.90	817.60
	74.000	227.00	828.39	0.	828.86	824.60	135.51	8.00	16.65	41.27	835.80	829.00	831.30
	74.000	431.00	829.66	0.	830.22	824.60	118.50	8.00	65.52	95.36	835.80	829.00	831.30
G	74.000	552.00	830.11	0.	830.71	824.60	117.73	8.00	77.00	127.62	835.80	829.00	831.30
	74.000	879.00	831.00	0.	831.68	824.60	122.13	8.00	99.38	205.50	835.80	829.00	831.30

SECNO	Q	CWSEL	CRIWS	FR	ELMIN	10K*S	K*CHSL	TOPWID	AREA	ELMX	XLREL	XRREL
741.000	227.00	828.98	0.	829.76	824.97	56.26	3.98	8.00	32.06	836.70	830.97	830.97
741.000	431.00	830.13	0.	831.82	824.97	104.57	3.98	8.00	41.26	836.70	830.97	830.97
741.000	552.00	830.40	0.	832.91	824.97	149.88	3.98	8.00	43.48	836.70	830.97	830.97
741.000	879.00	833.83	833.83	834.71	824.97	41.24	3.98	234.27	336.93	836.70	830.97	830.97
111.000	227.00	829.45	0.	830.07	824.97	41.89	0.	8.00	15.83	836.70	830.97	830.97
111.000	431.00	833.18	0.	833.60	824.97	18.30	0.	194.34	192.84	836.70	830.97	830.97
111.000	552.00	833.57	0.	834.03	824.97	20.85	0.	220.20	275.94	836.70	830.97	830.97
111.000	879.00	834.65	0.	835.01	824.97	19.06	0.	278.69	545.10	836.70	830.97	830.97
11.000	227.00	830.04	0.	830.36	824.80	77.23	-3.95	24.61	51.75	835.90	829.60	831.70
11.000	431.00	833.63	0.	833.67	824.80	6.05	-3.95	266.77	531.64	835.90	829.60	831.70
11.000	552.00	834.07	0.	834.11	824.80	6.40	-3.95	286.90	652.93	835.90	829.60	831.70
11.000	879.00	835.05	0.	835.09	824.80	6.75	-3.95	331.02	953.65	835.90	829.60	831.70
10.000	109.00	833.30	0.	833.48	829.50	56.87	9.89	11.48	31.46	843.70	835.10	834.80
10.000	214.00	834.92	0.	835.16	829.50	54.09	9.89	72.34	63.88	843.70	835.10	834.80
10.000	277.00	835.35	0.	835.61	829.50	53.78	9.89	109.60	105.96	843.70	835.10	834.80
10.000	450.00	836.20	0.	836.44	829.50	47.59	9.89	125.32	205.27	843.70	835.10	834.80

MUDDY-W. BR. ARCHDALE

SUMMARY PRINTOUT

	SECNO	QLOB	QROB	QCH	VLOB	VROB	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
	17.000	0.	103.92	223.08	0.	1.20	4.65	5.20	1279.43	1380.15	0.	0.	.24
	17.000	.96	270.26	342.77	.40	1.74	5.68	6.00	1266.85	1383.23	0.	.80	.30
	17.000	6.09	372.75	404.16	.63	1.95	6.05	6.40	1254.69	1384.77	0.	.40	.32
	17.000	92.13	668.43	479.44	.90	1.79	5.02	5.20	1200.00	1414.00	0.	1.80	.18
	16.000	90.62	1.94	234.43	.79	.51	3.76	5.11	1311.82	1460.83	1400.00	0.	.16
	16.000	264.34	10.43	339.23	1.09	.76	4.27	6.12	1295.79	1466.99	1400.00	1.01	.16
	16.000	376.08	16.80	391.13	1.23	.85	4.52	6.53	1281.07	1469.53	1400.00	.41	.17
	16.000	654.51	33.64	551.85	1.66	1.16	5.77	7.08	1261.68	1472.87	1400.00	.55	.25
	15.000	3.56	13.59	277.86	.44	.59	6.32	4.75	1255.11	1394.00	1250.00	0.	.58
*	15.000	72.71	117.50	364.80	1.04	1.32	6.92	5.49	1193.56	1405.47	1250.00	.74	.50
	15.000	126.28	175.99	405.74	1.29	1.55	7.27	5.75	1187.82	1407.52	1250.00	.26	.48
	15.000	301.04	345.15	476.80	1.68	1.92	7.46	6.43	1172.81	1412.89	1250.00	.59	.40
	73.000	0.	105.87	121.13	0.	.79	2.86	2.76	1328.20	1501.88	2000.00	0.	.07
	73.000	.08	243.82	187.18	.01	1.08	3.30	3.33	1324.57	1529.34	2000.00	.57	.08
	73.000	.47	324.70	226.83	.24	1.19	3.56	3.60	1312.96	1529.06	2000.00	.27	.09
	73.000	8.78	542.22	328.00	.56	1.44	4.20	4.16	1291.12	1547.02	2000.00	.55	.12
	731.000	0.	0.	227.00	0.	0.	9.41	3.45	1234.00	1241.00	150.00	0.	1.37
*	731.000	4.48	9.76	416.76	.81	.81	10.44	5.49	1224.32	1262.01	150.00	2.05	1.77
*	731.000	26.90	130.51	394.59	.90	.76	8.04	7.01	1211.47	1437.38	150.00	1.52	.72
*	731.000	52.11	330.89	496.00	1.13	1.97	9.26	7.65	1206.00	1461.61	150.00	.64	.76
*	131.000	0.	0.	227.00	0.	0.	8.44	3.84	1234.00	1241.00	50.00	0.	1.11
	131.000	27.51	198.86	214.63	.48	.48	3.83	8.01	1202.96	1487.56	50.00	4.17	.12
	131.000	39.09	283.11	229.80	.52	.53	3.44	8.56	1195.26	1511.40	50.00	.51	.10
*	131.000	69.82	500.04	309.10	.70	.73	4.36	9.09	1181.39	1531.04	50.00	.54	.13
	13.000	56.60	18.81	151.59	.52	.42	2.15	4.94	1177.12	1318.39	75.00	0.	.05
	13.000	154.13	121.21	155.66	.35	.31	1.25	7.09	1113.05	1432.12	75.00	1.00	.01
	13.000	200.16	167.83	184.02	.39	.35	1.37	8.50	1102.10	1443.51	75.00	.51	.01
	13.000	326.65	284.30	268.05	.54	.49	1.85	9.09	1094.28	1456.23	75.00	.58	.02
	74.000	0.	0.	227.00	0.	0.	5.50	3.79	1216.87	1233.52	1275.00	0.	.47
	74.000	30.65	0.	400.35	.99	0.	6.20	5.06	1169.96	1235.88	1275.00	1.27	.56
	74.000	68.15	0.	483.85	1.26	0.	6.59	5.51	1159.18	1236.15	1275.00	.45	.59
	74.000	195.20	0.	683.75	1.72	0.	7.44	6.40	1138.15	1237.53	1275.00	.89	.58
	741.000	0.	0.	227.00	0.	0.	7.08	4.01	1217.00	1225.00	93.00	0.	.78
	741.000	0.	0.	431.00	0.	0.	10.45	5.16	1217.00	1225.00	93.00	1.15	1.69
	741.000	0.	0.	552.00	0.	0.	12.70	5.43	1217.00	1225.00	93.00	.28	2.50
*	741.000	104.09	145.72	629.19	.81	1.07	8.87	8.86	1081.93	1416.21	93.00	3.43	.88
*	111.000	0.	0.	227.00	0.	0.	6.33	4.48	1217.00	1225.00	63.00	0.	.62

111.000	16.32	44.04	368.64	.40	.54	5.62	8.21	1104.85	1299.18	43.00	3.73	.42
111.000	47.70	78.58	425.72	.51	.69	6.19	8.60	1089.36	1309.55	43.00	.37	.46
111.000	186.38	196.96	495.66	.75	.90	6.40	9.48	1058.53	1337.22	43.00	1.08	.36
11.000	.61	0.	226.39	.38	0.	4.52	5.24	1207.65	1232.25	43.00	0.	.32
11.000	149.05	40.62	241.33	.50	.36	2.06	8.83	1058.25	1325.03	43.00	3.59	.04
11.000	207.34	66.50	278.16	.56	.43	2.22	9.27	1046.34	1333.24	43.00	.44	.04
11.000	372.36	147.30	359.34	.68	.56	2.50	10.25	1021.03	1352.04	43.00	.67	.04

SECNO	QLOB	QROB	QCH	VLOB	VROB	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
10.000	0.	0.	109.00	0.	0.	3.47	3.80	1174.02	1187.50	475.00	0.	.19
10.000	3.55	.02	210.43	.30	.13	4.04	5.42	1095.49	1191.07	475.00	1.62	.25
10.000	25.74	1.04	250.22	.57	.37	4.30	5.85	1090.78	1200.37	475.00	.43	.26
10.000	117.46	11.96	320.58	.98	.79	4.58	6.70	1081.59	1206.91	475.00	.85	.24

SUMMARY OF ERRORS

CAUTION SECNO= 15.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 15.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 731.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 731.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 731.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 731.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 731.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 731.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 131.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 131.000 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 741.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 741.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 111.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 111.000 PROFILE= 4 HYDRAULIC JUMP D.S.

THIS RUN EXECUTED 03/14/79 14:39:22

Multiple Zones

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR =  01.02
  MODIFICATION =  50.51.52.53
**********************************************

T1      FIS RANDOLPH CO. N.C.  11-7-78
T2      10 YR NATURAL AND FLOOD ZONE TABLE 201
T3      MUDDY-W. BR. ARCHDALE

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
       -1.      2.       0.       0.  0.          0.       0.       0.  783.000      0.

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

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

    202.000   44.000   60.000  203.000   47.000   50.000   60.000       0.       0.       0.

J5  LPRNT    NUMSEC                    ********REQUESTED SECTION NUMBERS********
    -10.000  -10.000       0.       0.       0.       0.       0.       0.       0.       0.
J6  IHLEQ    ICOPY
     1.000       0.       0.       0.       0.       0.       0.       0.       0.       0.

NC     .126     .126     .053     .100     .300       0.       0.       0.       0.       0.
QT    4.000  327.000  614.000  783.000 1240.000       0.       0.       0.       0.       0.

X1   17.000   16.000 1279.000 1295.000       0.       0.       0.       0.       0.       0.
GR  802.200 1000.000  801.800 1009.000  795.000 1100.000  795.600 1122.000  785.000 1200.000
GR  783.400 1279.000  778.800 1284.000  777.400 1286.000  778.500 1290.000  783.400 1295.000
GR  778.900 1306.000  781.700 1311.000  782.700 1379.000  785.300 1389.000  785.500 1401.000
GR  785.400 1414.000       0.       0.       0.       0.       0.       0.       0.       0.

X1   16.000   17.000 1437.000 1454.000 1400.000 1400.000 1400.000       0.       0.       0.
GR  802.900 1000.000  796.500 1100.000  792.900 1164.000  794.700 1200.000  794.100 1211.000
GR  791.600 1300.000  788.300 1344.000  791.600 1359.000  789.100 1373.000  789.800 1400.000
GR  790.500 1437.000  785.600 1440.000  786.500 1445.000  787.000 1451.000  789.600 1454.000
GR  797.100 1500.000  804.100 1530.000       0.       0.       0.       0.       0.       0.
QT    4.000  295.000  555.000  708.000 1123.000       0.       0.       0.       0.       0.

X1   15.000   10.000 1300.000 1312.000 1250.000 1250.000 1250.000       0.       0.       0.
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GR	813.200	1000.000	806.600	1100.000	802.100	1200.000	801.300	1300.000	796.900	1302.000
GR	797.000	1305.000	797.500	1309.000	801.100	1312.000	801.700	1400.000	814.300	1500.000
QT	4.000	227.000	431.000	552.000	879.000	0.	0.	0.	0.	0.
X1	73.000	15.000	1326.000	1352.000	2000.000	2000.000	2000.000	0.	0.	0.
GR	832.000	1000.000	825.400	1100.000	821.100	1200.000	818.200	1300.000	817.600	1326.000
GR	814.400	1339.000	814.300	1343.000	814.500	1347.000	817.000	1352.000	815.300	1400.000
GR	817.000	1500.000	820.100	1600.000	821.000	1700.000	824.000	1800.000	830.300	1900.000
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
X1	731.000	15.000	1234.000	1241.000	150.000	150.000	150.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	818.590	818.590	0.
GR	831.500	1000.000	826.500	1100.000	822.600	1200.000	818.590	1234.000	814.240	1234.000
GR	814.240	1238.000	814.240	1241.000	818.590	1241.000	820.600	1278.000	820.400	1300.000
GR	820.500	1400.000	822.500	1500.000	825.000	1600.000	827.700	1700.000	829.400	1760.000
SR	.900	1.740	2.600	0.	7.000	.100	30.450	0.	0.	0.
X1	131.000	0.	0.	0.	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	1.000	818.590	821.230	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	821.230	821.230	0.
BT	4.000	1000.000	831.500	831.500	1234.000	821.230	818.590	1241.000	821.230	818.590
BT	1760.000	829.400	829.400	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.053	.100	.300	0.	0.	0.	0.	0.
X1	13.000	15.000	1254.000	1272.000	75.000	75.000	75.000	0.	0.	0.
GR	831.500	1000.000	823.900	1100.000	818.300	1200.000	816.900	1254.000	815.200	1259.000
GR	814.700	1263.000	814.400	1267.000	817.600	1272.000	818.500	1300.000	819.500	1321.000
GR	819.900	1334.000	819.800	1345.000	820.900	1400.000	825.500	1500.000	829.900	1600.000
X1	74.000	14.000	1216.000	1238.000	1275.000	1275.000	1275.000	0.	0.	0.
GR	835.800	1000.000	835.500	1010.000	832.500	1100.000	828.400	1200.000	829.100	1207.000
GR	829.000	1216.000	824.800	1222.000	824.600	1226.000	824.800	1228.000	831.300	1234.000
GR	831.800	1300.000	834.900	1400.000	835.000	1404.000	843.000	1464.000	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
X1	741.000	11.000	1217.000	1225.000	93.000	93.000	93.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	830.970	830.970	0.
GR	836.700	1000.000	833.200	1100.000	832.700	1200.000	830.970	1217.000	824.970	1217.000
GR	824.970	1221.000	824.970	1225.000	830.970	1225.000	833.200	1300.000	837.100	1400.000
GR	843.500	1464.000	0.	0.	0.	0.	0.	0.	0.	0.
SR	.900	1.870	2.600	0.	5.330	.100	32.000	0.	0.	0.
X1	111.000	0.	0.	0.	63.000	63.000	63.000	0.	0.	0.
X2	0.	0.	1.000	830.970	832.630	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	832.630	832.630	0.
BT	5.000	1000.000	836.700	836.700	1217.000	832.630	824.970	1221.000	832.630	830.970
BT	1225.000	832.630	824.970	1464.000	843.500	843.500	0.	0.	0.	0.

NC	0.	0.	.053	.100	.300	0.	0.	0.	0.	0.
X1	11.000	15.000	1215.000	1234.000	43.000	43.000	43.000	0.	0.	0.
GR	835.900	1000.000	834.600	1032.000	832.100	1100.000	831.200	1180.000	830.500	1200.000
GR	829.600	1215.000	826.800	1221.000	824.800	1225.000	826.000	1228.000	831.700	1234.000
GR	832.100	1244.000	832.300	1300.000	834.700	1345.000	837.400	1400.000	844.900	1444.000
QT	4.000	109.600	214.000	277.000	450.000	0.	0.	0.	0.	0.
X1	10.000	10.000	1175.000	1189.000	475.000	475.000	475.000	0.	0.	0.
GR	843.700	1000.000	834.500	1100.000	835.100	1175.000	829.800	1178.000	829.500	1181.000
GR	829.800	1184.000	834.800	1189.000	835.300	1198.000	835.300	1200.000	845.000	1275.000
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHLFO = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 03/14/79 14:39:58

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50,51,52,53
**************************************************

T1      FIS RANDOLPH CO. N.C.  11-8-78
T2      50 YR NATURAL AND FLOOD ZONE TABLE 201
T3      MUDDY-W. BR. ARCHDALE
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J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.	0.	0.	0.	783.800	0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 03/14/79 14:40:02

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**************************************************
 HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
 ERROR CORR -  01.02
 MODIFICATION -  50.51.52.53
**************************************************

T1      FIS RANDOLPH CO. N.C.  11-8-78
T2      100 YR NATURAL AND FLOOD ZONE TABLE 201
T3      MUDDY-N.F BR. ARCHDALE

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
      -10.      4.       0.       0.  0.          0.       0.       0.   784.200     0.

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE
     3.000     0.       -1.000   0.       0.       0.       0.       0.       0.       0.

IHLFD = 1.  THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH.  SEE DOCUMENTATION FOR
DETAILS.
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THIS RUN EXECUTED 03/14/79 14:40:07

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
**************************************************

T1      FIS RANDOLPH CO. N.C.  11-8-78
T2      500 YR NATURAL AND FLOOD ZONE TABLE 201
T3      MUDDY-W. BR. ARCHDALE

J1   ICHECK    INQ     NINV     IDIR     STRT     METRIC   HVINS     Q        WSEL      FQ
       -10.      5.       0.       0.    0.          0.       0.       0.   786.000      0.

J2   NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLOC    IBW      CHNIM     ITRACE
     15.000      0.    -1.000      0.       0.       0.       0.       0.       0.        0.

IHLEO = 1.  THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH.  SEE DOCUMENTATION FOR
DETAILS.
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THIS RUN EXECUTED 03/16/79 03:55:34

Final
(Floodway)

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**********************************************
* HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977 *
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
**********************************************

T1      FIS RANDOLPH CO. N.C. 12-7-78
T2      FLOODWAY--NATURAL PROFILE
T3      MUDDY-d.BR. ARCHDALE

J1  ICHECK     INQ        NINV       IDIR       STRT       PETRIC     HVINS      0          WSEL       FQ
        0.        2.         0.         0.  0.              0.         0.         0.    784.200      0.
J2  NPROF      IPLOT      PREVS      XSECV      XSECH      FN         ALLOC      IBW        CHNIM      ITRACE
    1.000         0.     -1.000         0.         0.         0.         0.         0.         0.     15.000
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
  100.000    105.000    110.000    200.000         0.         0.         0.         0.         0.         0.
J5  LPRNT      NUMSEC                        ********REQUESTED SECTION NUMBERS********
   -10.000    -10.000         0.         0.         0.         0.         0.         0.         0.         0.
J6  IPLOT      ICOPY
    1.000         0.         0.         0.         0.         0.         0.         0.         0.         0.

NC       .126       .126       .053       .100       .300         0.         0.         0.         0.         0.
OT     3.000    783.000    783.000    783.000         0.         0.         0.         0.         0.         0.
ET        0.         0.      6.400         0.         0.         0.         0.         0.         0.         0.

X1       17.000     16.000   1279.000   1295.000         0.         0.         0.         0.         0.         0.
GR      802.200   1009.000    801.800   1009.000    795.000   1100.000    792.600   1122.000    786.000   1200.000
GR      783.400   1279.000    778.800   1244.000    777.400   1286.000    778.500   1240.000    783.800   1295.000
GR      778.900   1306.000    781.700   1311.000    782.700   1379.000    785.300   1389.000    785.500   1401.000
GR      785.400   1414.000         0.         0.         0.         0.         0.         0.         0.         0.
ET        0.         0.      9.100         0.         0.         0.         0.         0.   1390.000   1470.000

X1       16.000     17.000   1437.000   1454.000   1400.000   1400.000   1400.000         0.         0.         0.
GR      802.900   1000.000    795.500   1100.000    792.900   1164.000    794.700   1200.000    794.100   1211.000
GR      791.600   1300.000    788.300   1342.000    791.600   1359.000    789.100   1373.000    789.900   1400.000
GR      790.500   1437.000    785.600   1440.000    786.500   1445.000    787.000   1451.000    789.600   1454.000
GR      797.100   1500.000    804.100   1530.000         0.         0.         0.         0.         0.         0.
OT        3.000    708.000    708.000    708.000         0.         0.         0.         0.         0.         0.
ET        0.         0.      9.100         0.         0.         0.         0.         0.   1285.000   1365.000
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XI	15.000	10.000	1300.000	1312.000	1250.000	1250.000	1250.000	0.	0.	0.
GR	813.200	1000.000	806.600	1100.000	802.100	1200.000	801.300	1300.000	799.900	1302.000
GR	797.000	1305.000	797.500	1307.000	801.100	1312.000	901.700	1400.000	814.300	1500.000
QT	3.000	552.000	552.000	552.000	0.	0.	0.	0.	0.	0.
FT	0.	0.	9.100	0.	0.	0.	0.	0.	1321.000	1330.000
XI	73.000	15.000	1326.000	1352.000	2000.000	2000.000	2000.000	0.	0.	0.
GR	832.000	1000.000	825.600	1100.000	821.100	1200.000	818.200	1300.000	817.600	1325.000
GR	814.400	1339.000	814.300	1343.000	814.500	1347.000	817.000	1352.000	815.300	1400.000
GR	817.000	1500.000	820.100	1600.000	821.000	1700.000	824.000	1800.000	830.300	1900.000
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
FT	0.	0.	9.110	0.	0.	0.	0.	0.	1221.000	1301.000
XI	731.000	15.000	1234.000	1241.000	150.000	150.000	150.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	818.590	818.590	0.
GR	831.500	1000.000	826.500	1100.000	822.600	1200.000	818.590	1234.000	814.240	1234.000
GR	814.240	1234.000	814.240	1241.000	818.590	1241.000	820.600	1278.000	820.400	1300.000
GR	820.500	1400.000	822.500	1500.000	825.000	1600.000	827.700	1700.000	829.400	1760.000
SH	.900	1.740	2.600	0.	7.000	.100	30.450	0.	0.	0.
FT	0.	0.	9.110	0.	0.	0.	0.	0.	1221.000	1301.000
XI	131.000	0.	0.	0.	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	1.000	818.590	821.230	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	821.230	821.230	0.
QT	4.000	1000.000	831.500	831.500	1234.000	821.230	818.590	1241.000	821.230	818.590
BT	1760.000	829.400	829.400	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.053	.100	.300	0.	0.	0.	0.	0.
FT	0.	0.	9.100	0.	0.	0.	0.	0.	1221.000	1301.000
XI	13.000	15.000	1254.000	1272.000	75.000	75.000	75.000	0.	0.	0.
GR	831.500	1000.000	823.000	1100.000	818.300	1200.000	816.900	1254.000	815.200	1259.000
GR	814.700	1263.000	814.400	1267.000	817.600	1272.000	818.500	1300.000	819.500	1321.000
GR	819.900	1334.000	819.800	1345.000	820.900	1400.000	825.500	1500.000	829.900	1600.000
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1154.000	1238.000
XI	74.000	14.000	1216.000	1238.000	1275.000	1275.000	1275.000	0.	0.	0.
GR	835.800	1000.000	835.500	1010.000	832.600	1100.000	828.400	1200.000	829.100	1207.000
GR	829.000	1216.000	824.800	1222.000	824.600	1226.000	824.800	1238.000	831.300	1238.000
GR	831.800	1300.000	834.900	1400.000	835.000	1404.000	843.600	1464.000	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
FT	0.	0.	9.100	0.	0.	0.	0.	0.	1217.000	1225.000
XI	741.000	11.000	1217.000	1225.000	93.000	93.000	93.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	830.970	830.970	0.
GR	836.700	1000.000	833.200	1100.000	832.700	1200.000	830.970	1217.000	824.970	1217.000
GR	824.970	1221.000	824.970	1225.000	830.970	1225.000	833.200	1300.000	847.100	1400.000

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GR    843.500   1464.000      0.          0.          0.          0.          0.          0.          0.          0.
SH      .900      1.870      2.600        0.        5.330        .100      32.000        0.          0.          0.
ET      0.          0.       9.110        0.          0.          0.          0.          0.       1217.000    1277.000


XI    111.000       0.          0.          0.        63.000      63.000      63.000        0.          0.          0.
X2      0.          0.        1.000     830.970     832.630       0.          1.000       0.          0.          0.
X3    -10.000       0.          0.          0.          0.          0.          0.        832.630     832.630       0.
PT      5.000    1000.000     836.700     835.700    1217.000     832.630     824.970    1221.000     832.630     830.970
RT   1225.000     832.630     824.970    1464.000     843.500     843.500       0.          0.          0.          0.
NC      0.          0.        .053        .100        .300        0.          0.          0.          0.          0.
ET      0.          0.       9.100        0.          0.          0.          0.          0.       1174.000    1234.000


XI     11.000      15.000    1215.000    1234.000      43.000      43.000      43.000        0.          0.          0.
GR    845.900    1000.000     834.600    1032.000     832.100    1100.000     831.700    1180.000     830.500    1200.000
GR    829.500    1215.000     826.800    1221.000     824.800    1226.000     826.000    1228.000     831.700    1234.000
GR    832.100    1244.000     832.300    1300.000     834.700    1345.000     837.400    1400.000     864.900    1464.000
QT      3.000     277.000     277.000     277.000       0.          0.          0.          0.          0.          0.
ET      0.          0.       9.100        0.          0.          0.          0.          0.       1129.000    1189.000


XI     10.000      10.000    1175.000    1189.000     475.000     475.000     475.000       0.          0.          0.
GR    843.700    1000.000     834.500    1100.000     835.100    1175.000     829.500    1178.000     824.500    1181.000
GR    829.800    1184.000     834.800    1189.000     835.300    1198.000     835.300    1200.000     845.000    1275.000
ET      0.          0.          0.          0.          0.          0.          0.          0.          0.          0.

IHLFD = 1.  THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH.  SEE DOCUMENTATION FOR
DETAILS.

FLOW DISTRIBUTION FOR SECNO=     17.00          CWSEL=    784.20

STA=    1255.     1279.     1295.     1306.     1311.     1379.     1385.
  PER Q=     .8      51.6       8.7       6.5      31.8        .5
  AREA=     9.7      66.8      31.4      19.5     136.0       4.3
   VEL=      .6       6.1       2.2       2.6       1.8        .9

FLOW DISTRIBUTION FOR SECNO=     16.00          CWSEL=    792.13

STA=    1281.     1300.     1344.     1359.     1373.     1400.     1437.     1454.     1470.
  PER Q=      .2      15.2       5.1       3.4      13.1      10.9      50.0       2.1
  AREA=     5.0      96.0      32.7      24.9      72.4      73.3      86.4      19.7
   VEL=      .3       1.2       1.2       1.1       1.4       1.2       4.5        .9

FLOW DISTRIBUTION FOR SECNO=     15.00          CWSEL=    802.65

STA=    1188.     1200.     1300.     1312.     1400.     1404.
  PER Q=      .3      17.6      57.3      24.4        .4
  AREA=     3.3      94.8      55.8     109.8       1.6
   VEL=      .6       1.3       7.3       1.6        .8

FLOW DISTRIBUTION FOR SECNO=     73.00          CWSEL=    817.90
```

THIS RUN EXECUTED 03/16/79 03:56:29

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01102
  MODIFICATION -  50,51,52,53
**********************************************

T1      FIS RANDOLPH CO. N.C. 12-7-78
T2      FLOODWAY--METHOD 1
T3      MUDDY-R.RR. ARCHDALE

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
      -10.       3.        0.        0.  0.            0.        0.        0.   784.600      0.

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLOC     IBW       CHNIM     ITRACE
    15.000      0.       -1.000     0.        0.        0.        0.        0.        0.        0.

IHLEQ = 1.  THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH.  SEE DOCUMENTATION FOR
DETAILS.

     3700.   BRIDGE STENCL=   1221.00    STENCR=   1301.00
     3700.   BRIDGE STENCL=   1217.00    STENCR=   1277.00
```

THIS RUN EXECUTED 03/16/79 03:56:35

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
**************************************************
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

MUDDY-A.BR. ARCHDALE

SUMMARY PRINTOUT TABLE 100

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	[illegible]
131.000	821.99	818.59	830.13	821.23	236.47	317.18	30.00	.03	8.54	822.78	3.94	822.84
131.000	823.13	818.59	829.87	821.23	256.38	300.05	30.00	.07	8.27	822.51	6.22	822.90
111.000	832.98	830.97	839.04	832.63	357.54	194.82	30.00	.41	8.60	833.57	6.19	834.03
111.000	832.98	830.97	839.05	832.63	384.81	168.87	30.00	.41	8.22	834.19	5.82	834.51

MUDDY-W.BR. ARCHDALE.

SUMMARY PRINTOUT TABLE 105

	SECNO	CWSEL	HL	OLOSS	TOPWID	QLOB	QCH	QROB
	73.000	817.90	14.82	.04	216.11	.47	226.43	324.70
	73.000	818.83	15.30	.54	65.00	3.99	401.54	145.46
*	731.000	821.25	.60	.39	225.91	26.98	344.59	130.51
*	731.000	820.99	.93	.44	140.00	25.99	460.02	65.99
	131.000	822.78	.91	0.	316.14	39.69	229.30	283.11
	131.000	822.51	.69	0.	90.00	49.64	360.10	151.27
	14.000	822.90	.02	.01	341.42	200.16	134.02	167.93
	14.000	822.95	.06	.03	80.00	139.52	307.72	104.76
	74.000	830.11	7.62	.17	77.00	68.15	483.85	0.
	74.000	830.15	7.57	.16	77.27	70.49	421.54	0.
	741.000	830.40	1.24	.95	8.00	0.	552.00	0.
	741.000	830.41	1.22	.96	8.00	0.	552.00	0.
	111.000	833.57	1.12	0.	220.20	47.70	425.72	78.58
	111.000	834.19	1.70	0.	60.00	0.	429.98	122.02
	11.000	834.97	.04	.04	246.90	207.34	278.16	66.50
	11.000	834.61	.06	.03	60.00	160.90	391.10	0.

MUDDY-W.HR. ANCHOALE

SUMMARY PRINTOUT TABLE 110

	SECNO	CWSEL	DIFKWS	EG	TOPWID	VLOB	VCH	VROB	PERENC	STENCL	STCHL	STCHR	STENCR
	17.000	784.20	0.	784.52	130.05	5.09	404.15	372.75	0.	0.	1279.00	1295.00	0.
	17.000	784.60	.40	785.12	49.83	0.	505.69	277.31	.28	1273.00	1279.00	1295.00	1328.83
	16.000	792.13	0.	792.30	198.46	175.88	391.13	16.80	0.	0.	1437.00	1454.00	0.
	16.000	793.12	.99	793.40	80.00	214.51	525.09	42.39	80.00	1390.00	1437.00	1454.00	1470.00
	15.000	802.65	0.	803.14	219.70	126.28	405.74	135.99	0.	0.	1300.00	1312.00	0.
	15.000	803.15	.49	803.75	80.00	48.36	466.19	193.45	80.00	1285.00	1300.00	1312.00	1365.00
	73.000	817.98	0.	817.99	216.11	.47	226.83	324.70	0.	0.	1326.00	1352.00	0.
	73.000	819.83	.93	819.08	69.00	4.99	401.54	145.46	69.00	1321.00	1326.00	1352.00	1390.00
*	731.000	821.25	0.	821.97	225.91	26.90	394.59	130.51	0.	0.	1234.00	1241.00	0.
*	731.000	820.99	-.26	822.22	80.00	25.39	460.02	65.98	80.00	1221.00	1234.00	1241.00	1301.00
	131.000	822.78	0.	822.84	316.14	39.09	229.80	283.11	0.	0.	1234.00	1241.00	0.
	131.000	822.51	-.28	822.90	80.00	40.64	360.10	151.27	80.00	1221.00	1234.00	1241.00	1301.00
	13.000	822.90	0.	822.91	341.42	200.16	184.02	167.83	0.	0.	1254.00	1272.00	0.
	13.000	822.95	.05	823.00	80.00	139.52	307.72	104.76	80.00	1221.00	1254.00	1272.00	1301.00
	74.000	830.11	0.	830.71	77.00	68.15	483.85	0.	0.	0.	1216.00	1234.00	0.
	74.000	830.15	.03	830.72	77.22	70.46	481.54	0.	79.00	1159.00	1216.00	1234.00	1234.00
	741.000	830.40	0.	832.91	8.00	0.	552.00	0.	0.	0.	1217.00	1225.00	0.
	741.000	830.41	.00	832.91	8.00	0.	552.00	0.	8.00	1217.00	1217.00	1225.00	1225.00
	111.000	833.57	0.	834.03	220.20	47.70	425.72	78.58	0.	0.	1217.00	1225.00	0.
	111.000	834.19	.62	834.61	60.00	0.	429.98	122.02	60.00	1217.00	1217.00	1225.00	1277.00
	11.000	834.07	0.	834.11	296.50	207.34	278.16	66.50	0.	0.	1215.00	1234.00	0.
	11.000	834.61	.53	834.70	60.00	160.90	391.10	0.	60.00	1174.00	1215.00	1234.00	1234.00
	10.000	835.35	0.	835.61	109.60	25.74	250.22	1.04	0.	0.	1175.00	1189.00	0.
	10.000	835.78	.43	835.99	60.00	26.88	250.12	0.	60.00	1129.00	1175.00	1189.00	1189.00

SUMMARY OF ERRORS

CAUTION SECNO= 731.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 731.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 731.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 731.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

FLOODWAY DATA. MUDDY-W.BR. ARCHDALE
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
17.000 A	50.	180.	4.4	794.4	794.2	.4
16.000 B	80.	283.	2.8	793.1	792.1	1.0
15.000 C	80.	147.	3.8	803.2	802.7	.5
73.000 D	59.	189.	2.9	818.3	817.9	.4
731.000 E	80.	131.	4.2	821.0	821.2	-.2
12.000	58.	253.	2.7	822.6	822.8	-.2
13.000 F	80.	462.	1.2	827.9	827.9	0.
74.000 G	77.	130.	4.2	830.1	830.1	0.
741.000 H	8.	44.	12.7	830.4	830.4	0.
11.000	50.	202.	2.7	834.2	833.6	.6
11.000 I	50.	299.	1.8	834.6	834.1	.5
10.000 J	60.	104.	2.7	835.7	835.3	.4

FLOODWAY AREA