

Muddy  
Creek-East  
Tributary

THIS RUN EXECUTED 12/01/78 03:37:11

~~OK~~  
*(FINAL Profiles)*  
 SINGLE ZONE

\*\*\*\*\*  
 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 10 YR NATURAL AND FLOOD ZONE TABLE 201  
 T3 MUDDY-E.BR. ARCHDALE

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-1.	2.	0.	0.	0.	0.	0.	0.	718.500	0.
J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	43.000	1.000	2.000	3.000	42.000	5.000	33.000	4.000	25.000

	63.000	23.000	24.000	9.	38.000	13.000	15.000	14.000	55.000	56.000
	26.000	8.000	53.000	54.000	39.000	50.000	10.000	100.000	201.000	0.

J5// LPRNT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

J6	IHLEQ	ICOPY								
	-10.000	-10.000	0.	0.	0.	0.	0.	0.	0.	0.
	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	772.000	1409.000	1768.000	2690.000	0.	0.	0.	0.	0.

X1	44.000	15.000	1264.000	1285.000	0.	0.	0.	0.	0.	0.
GR	732.700	1000.000	722.900	1190.000	724.290	1112.600	724.220	1124.000	724.160	1136.000
GR	719.200	1200.000	718.400	1264.000	712.760	1269.000	712.500	1275.000	712.700	1281.000
GR	718.400	1285.000	716.900	1300.000	716.700	1360.000	724.400	1400.000	736.000	1450.000
X1	43.000	15.000	1237.000	1284.000	600.000	600.000	600.000	0.	0.	0.
GR	734.800	1000.000	724.900	1083.000	722.100	1088.000	720.600	1100.000	718.900	1200.000
GR	719.600	1224.000	719.800	1237.000	715.100	1240.000	714.400	1250.000	714.600	1260.000
GR	718.700	1264.000	719.800	1300.000	717.900	1400.000	730.400	1500.000	734.600	1525.000

PRINTED IN U.S.A.

XI	42.000	3.000	1123.000	1148.000	450.000	450.000	450.000	0.	0.	0.
GR	733.000	1000.000	720.400	1100.000	719.600	1123.000	716.100	1126.000	715.900	1135.000
GR	716.000	1142.000	722.700	1148.000	731.800	1200.000	0.	0.	0.	0.

XI	41.000	14.000	1267.000	1293.000	500.000	500.000	500.000	0.	0.	0.
GR	738.760	1000.000	725.000	1100.000	721.000	1200.000	718.000	1239.000	719.500	1267.000
GR	717.700	1270.000	716.100	1280.000	717.500	1290.000	723.400	1293.000	723.300	1300.000
GR	724.800	1400.000	726.700	1500.000	730.300	1600.000	735.900	1700.000	0.	0.
QT	4.000	756.000	1381.000	1733.000	2629.000	0.	0.	0.	0.	0.

XI	40.000	14.000	1168.000	1208.000	650.030	650.050	650.000	0.	0.	0.
GR	735.000	1000.000	732.300	1100.000	731.800	1107.000	725.400	1168.000	722.000	1179.000
GR	721.600	1180.000	721.200	1187.000	721.600	1195.000	721.800	1198.000	726.300	1208.000
GR	726.800	1276.000	726.400	1300.000	727.400	1400.000	736.700	1500.000	0.	0.

XI	39.000	15.000	1192.000	1226.000	900.000	900.000	900.000	0.	0.	0.
GR	744.700	1000.000	733.800	1076.000	731.500	1100.000	731.400	1107.000	730.000	1109.000
GR	729.300	1114.000	729.400	1116.000	731.400	1120.000	731.600	1192.000	727.800	1195.000
GR	727.100	1202.000	727.400	1216.000	731.000	1226.000	732.600	1300.000	741.000	1400.000
QT	4.000	704.000	1287.000	1617.000	2458.000	0.	0.	0.	0.	0.

XI	38.000	12.000	1224.000	1255.000	1500.000	1500.000	1500.000	0.	0.	0.
GR	740.800	1000.000	737.200	1100.000	735.500	1200.000	734.300	1228.000	730.500	1240.000
GR	729.700	1245.000	730.000	1250.000	735.300	1255.000	734.100	1300.000	735.200	1400.000
GR	738.300	1421.000	742.400	1450.000	0.	0.	0.	0.	0.	0.

XI	371.000	0.	0.	0.	1800.000	1800.000	1800.000	1.000	6.790	0.
----	---------	----	----	----	----------	----------	----------	-------	-------	----

XI	551.000	34.000	1183.000	1212.000	173.000	173.000	173.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	743.920	743.520	0.
GR	748.240	1000.000	744.640	1055.000	742.940	1155.000	741.740	1183.000	740.420	1188.000
GR	749.170	1189.000	738.170	1190.000	736.920	1191.000	736.920	1192.000	738.170	1193.000
GR	749.170	1196.000	740.420	1195.000	740.060	1196.000	739.560	1197.000	739.060	1198.000
GR	737.050	1199.000	736.560	1200.000	737.060	1201.000	739.060	1202.000	739.560	1203.000
GR	740.060	1204.000	740.020	1205.000	738.020	1206.000	737.020	1207.000	736.520	1208.000
GR	736.520	1209.000	737.020	1210.000	738.020	1211.000	740.020	1212.000	741.540	1255.000
GR	743.640	1335.000	745.740	1376.000	749.840	1405.000	759.500	1474.000	0.	0.
S-	950	1.520	2.500	0.	16.480	0.	115.050	0.	0.	0.

X1	552.000	0.	0.	0.	55.000	55.000	55.000	1.000	.230	0.
X2	0.	0.	1.000	743.790	751.200	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	751.400	751.600	0.
BT	33.000	1000.000	759.200	748.470	1055.000	756.600	744.870	1183.000	751.400	741.970
BT	1188.000	751.490	740.650	1189.000	751.400	741.900	1190.000	751.300	742.900	1191.000
BT	751.300	743.920	1192.000	751.300	743.920	1193.000	751.300	742.900	1194.000	751.300

BT	741.900	1195.000	751.300	740.650	1196.000	751.200	740.290	1197.000	751.200	740.790
BT	1198.000	751.200	741.290	1199.000	751.200	743.290	1200.000	751.200	743.790	1201.000
BT	751.200	743.290	1202.000	751.200	741.290	1203.000	751.200	740.790	1204.000	751.200
BT	740.290	1205.000	751.200	740.250	1206.000	751.300	742.250	1207.000	751.400	743.250
BT	1208.000	751.400	743.750	1209.000	751.400	743.750	1210.000	751.400	743.250	1211.000
BT	751.400	742.250	1212.000	751.400	740.250	1255.000	752.100	741.770	1355.000	754.900
BT	743.870	1376.000	755.500	750.070	1405.000	756.700	750.070	1474.000	759.500	759.500

X1	54.000	10.000	1161.000	1181.000	172.000	172.000	172.000	0.	0.	0.
GR	757.600	1000.000	744.300	1100.000	741.300	1161.000	738.400	1163.000	738.000	1171.000
GR	738.200	1179.000	741.900	1181.000	741.900	1200.000	746.400	1300.000	750.800	1400.000
QT	4.000	513.000	948.000	1196.000	1839.000	0.	0.	0.	0.	0.

X1	37.000	12.000	1128.000	1150.000	2250.000	2250.000	2250.000	0.	0.	0.
GR	757.800	1000.000	751.100	1062.000	749.000	1100.000	748.300	1128.000	744.400	1132.000
GR	744.900	1139.000	744.700	1145.000	749.300	1150.000	750.200	1200.000	754.900	1295.000
GR	755.400	1300.000	757.500	1323.000	0.	0.	0.	0.	0.	0.

X1	36.000	11.000	1148.000	1160.000	1100.000	1100.000	1100.000	0.	0.	0.
GR	751.600	1000.000	755.700	1088.000	754.300	1100.000	753.300	1148.000	749.500	1150.000
GR	749.800	1154.000	749.900	1158.000	754.200	1160.000	754.400	1200.000	758.100	1262.000
GR	761.100	1300.000	0.	0.	0.	0.	0.	0.	0.	0.

X1	361.000	16.000	1148.000	1160.000	180.000	180.000	180.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	754.260	754.260	0.
GR	753.800	1000.000	757.900	1088.000	756.500	1100.000	755.500	1148.000	752.760	1149.000
GR	751.760	1150.000	751.760	1151.000	752.760	1152.000	752.760	1156.000	751.760	1157.000
GR	751.760	1158.000	752.760	1159.000	756.400	1160.000	756.600	1200.000	760.300	1262.000
GR	763.300	1300.000	0.	0.	0.	0.	0.	0.	0.	0.
SR	.900	2.140	2.500	0.	4.710	0.	14.140	0.	751.090	751.260

*o.k.* *o.k.*

X1	362.000	0.	0.	0.	39.000	39.000	39.000	1.000	-.170	0.
X2	0.	0.	1.000	754.090	756.200	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	756.200	756.600	0.
BT	14.000	1000.000	763.800	763.800	1100.000	756.500	756.330	1148.000	756.200	755.330
BT	1149.000	756.200	752.590	1150.000	756.300	753.590	1151.000	756.300	753.590	1152.000
BT	756.300	752.590	1156.000	756.300	752.590	1157.000	756.600	753.590	1158.000	756.600
BT	753.590	1158.000	756.600	752.590	1160.000	756.700	756.230	1200.000	759.000	756.430
BT	1262.000	760.130	760.130	0.	0.	0.	0.	0.	0.	0.

X1	52.000	10.000	1238.000	1247.000	81.000	81.000	81.000	0.	0.	0.
GR	765.000	1000.000	758.700	1100.000	755.200	1200.000	756.600	1238.000	753.700	1239.000
GR	753.500	1243.000	753.700	1247.000	756.600	1248.000	758.900	1300.000	765.000	1364.000

X1	35.000	13.000	1233.000	1244.000	650.000	650.000	650.000	0.	0.	0.
GR	771.500	1000.000	763.300	1050.000	762.400	1100.000	760.200	1200.000	759.600	1233.000
GR	756.200	1234.000	756.200	1238.000	757.000	1242.000	759.900	1244.000	759.200	1300.000

PRINTED IN U.S.A.

GR 762.600 1400.000 766.200 1500.000 769.200 1600.000 0. 0. 0. 0.  
EJ 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

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

PRINTED IN USA

THIS RUN EXECUTED 12/01/78 03:37:30

\*\*\*\*\*  
HEG2 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-E. BR. ARCHDALE

J1	ICHECK	INQ	NINV	IOIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	210.	3.	0.	0.	0.	0.	0.	0.	719.500	0.
J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

PRINTED IN USA

THIS RUN EXECUTED 12/01/78 03:37:37

\*\*\*\*\*  
HEG2 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-E. BR. ARCHDALE

J1	ICHECK	INQ	NINV	IDIR	STPT	METRIC	HVINS	0	WSEL	FO
	-10.	4.	0.	0.	0.	0.	0.	0.	720.000	0.
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	IHW	CHNIM	ITRACE
	3.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHL0 = 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 12/01/78 03:37:46

\*\*\*\*\*  
HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977  
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-E. BR. ARCHDALE

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.	C.	0.	0.	720.800	0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	GHNTM	ITRACE
	15.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

HL EQ = 11. 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: 12/01/78 03:37:54

PROFILES

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

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

MUDDY-E. BR. ARCHDALE

SUMMARY PRINTOUT

	SECNO	Q	CWSFL	CRWS	EG	ELMIN	10K*5	K*CHSL	TOPWID	AREA	TELMX	XLBEL	PBEL
	44.000	772.00	718.50	0.	718.95	712.50	83.86	0.	113.35	220.92	732.70	718.40	718.40
	44.000	1409.00	719.50	0.	720.12	712.50	102.76	0.	178.42	373.85	732.70	718.40	718.40
A	44.000	1768.00	720.00	0.	720.64	712.50	101.90	0.	187.47	465.32	732.70	718.40	718.40
	44.000	2680.00	720.80	0.	721.60	712.50	120.51	0.	201.94	621.08	732.70	718.40	718.40
B	43.000	772.00	720.70	0.	720.82	714.40	18.64	3.17	323.16	557.98	734.60	719.80	718.70
	43.000	1409.00	721.89	0.	722.01	714.40	18.00	3.17	342.23	954.60	734.60	719.80	718.70
	43.000	1768.00	722.41	0.	722.53	714.40	18.10	3.17	348.66	1135.60	734.60	719.80	718.70
	43.000	2680.00	723.49	0.	723.63	714.40	18.89	3.17	359.21	1517.26	734.60	719.80	718.70
C	42.000	772.00	722.09	0.	722.51	715.90	52.63	3.33	60.87	186.57	731.80	719.60	722.70
	42.000	1409.00	723.47	0.	724.17	715.90	70.35	3.33	76.83	280.70	731.80	719.60	722.70
	42.000	1768.00	724.06	0.	724.91	715.90	77.43	3.33	84.90	328.50	731.80	719.60	722.70
	42.000	2680.00	725.28	0.	726.46	715.90	93.04	3.33	101.47	441.65	731.80	719.60	722.70
D	41.000	772.00	723.42	0.	723.50	716.10	11.68	.40	168.20	512.04	735.90	719.50	723.40
	41.000	1409.00	725.15	0.	725.24	716.10	11.42	.40	319.39	939.56	735.90	719.50	723.40
	41.000	1768.00	725.88	0.	725.98	716.10	11.36	.40	363.32	1189.93	735.90	719.50	723.40
	41.000	2680.00	727.40	0.	727.50	716.10	10.33	.40	437.07	1806.86	735.90	719.50	723.40
E	40.000	736.00	726.12	0.	726.60	721.20	19.85	7.85	46.50	133.34	735.00	725.40	726.30
	40.000	1381.00	727.49	0.	728.08	721.20	70.81	7.85	252.84	355.05	735.00	725.40	726.30
	40.000	1733.00	728.02	0.	728.59	721.20	64.76	7.85	263.72	493.55	735.00	725.40	726.30
	40.000	2629.00	729.18	0.	729.70	721.20	53.52	7.85	287.22	812.74	735.00	725.40	726.30
F	39.000	758.00	732.08	0.	732.42	727.10	54.25	6.56	181.82	237.36	741.00	731.60	731.00
	39.000	1381.00	733.20	0.	733.59	727.10	53.71	6.56	224.90	471.40	741.00	731.60	731.00
	39.000	1733.00	733.61	0.	734.04	727.10	56.63	6.56	234.29	567.89	741.00	731.60	731.00
	39.000	2629.00	734.40	0.	735.06	727.10	64.07	6.56	250.66	770.38	741.00	731.60	731.00
G	38.000	704.00	736.66	0.	736.74	729.70	19.75	1.73	272.65	466.39	740.80	734.30	735.30
	38.000	1267.00	737.82	0.	737.95	729.70	19.73	1.73	333.25	822.47	740.80	734.30	735.30
	38.000	1617.00	738.32	0.	738.46	729.70	19.70	1.73	352.43	997.21	740.80	734.30	735.30

38.000	2458.00	739.40	0.	739.54	729.70	19.63	1.73	389.96	1396.93	740.80	734.30	735.30
H 381.000	704.00	742.69	0.	742.98	736.49	48.51	3.77	209.17	281.20	747.59	741.09	742.09
381.000	1287.00	743.74	0.	744.05	736.49	47.49	3.77	293.04	550.20	747.59	741.09	742.09
381.000	1517.00	744.19	0.	744.50	736.49	46.81	3.77	317.60	687.62	747.59	741.09	742.09
381.000	2458.00	745.12	0.	745.43	736.49	45.25	3.77	352.68	999.70	747.59	741.09	742.09

PRINTED IN U.S.A.

SECNO	Q	CWSEL	CRWS	EG	ELMIN	10K*5	K*CHSL	TOPWID	AREA	TELMX	XLBEL	RBEL
551.000	704.00	743.53	0.	743.68	736.52	32.77	.17	147.63	329.62	748.24	741.74	740.02
<del>551.000</del>	<del>1287.00</del>	<del>744.58</del>	<del>0.</del>	<del>744.75</del>	<del>736.52</del>	<del>33.83</del>	<del>.17</del>	<del>294.85</del>	<del>640.22</del>	<del>748.24</del>	<del>741.74</del>	<del>740.02</del>
551.000	1617.00	745.02	0.	745.20	736.52	35.10	.17	312.88	775.46	748.24	741.74	740.02
551.000	2459.00	745.94	0.	746.15	736.52	37.13	.17	342.40	1078.37	748.24	741.74	740.02
552.000	704.00	744.10	0.	744.46	736.75	52.01	4.18	29.00	146.65	748.47	741.97	740.25
<del>552.000</del>	<del>1287.00</del>	<del>747.25</del>	<del>0.</del>	<del>747.71</del>	<del>736.75</del>	<del>37.20</del>	<del>4.18</del>	<del>29.00</del>	<del>237.92</del>	<del>748.47</del>	<del>741.97</del>	<del>740.25</del>
552.000	1617.00	749.52	0.	749.96	736.75	27.63	4.18	29.00	303.60	748.47	741.97	740.25
552.000	2458.00	753.18	0.	753.19	736.75	1.10	4.18	427.24	3857.67	748.47	741.97	740.25
54.000	704.00	744.82	0.	744.97	738.00	19.60	7.27	168.90	401.25	750.80	741.30	741.90
54.000	1287.00	747.89	0.	747.95	738.00	7.26	7.27	260.73	1058.51	750.80	741.30	741.90
H 54.000	1617.00	750.07	0.	750.11	738.00	3.62	7.27	326.58	1697.85	750.80	741.30	741.90
54.000	2458.00	753.20	0.	753.22	738.00	2.28	7.27	366.89	2804.30	750.80	741.30	741.90
37.000	513.00	750.50	0.	750.72	744.40	31.31	2.84	133.07	205.61	757.50	748.30	749.80
37.000	948.00	751.89	0.	752.12	744.40	29.36	2.84	179.30	424.45	757.50	748.30	749.80
J 37.000	1196.00	752.83	0.	753.02	744.40	21.85	2.84	207.25	607.73	757.50	748.30	749.80
37.000	1839.00	754.89	0.	755.02	744.40	13.45	2.84	267.87	1096.46	757.50	748.30	749.80
36.000	513.00	755.59	0.	755.87	749.50	62.06	4.64	131.03	218.86	761.10	753.30	754.20
K 36.000	948.00	756.74	0.	757.01	749.50	59.37	4.64	166.81	389.97	761.10	753.30	754.20
36.000	1196.00	757.24	0.	757.52	749.50	59.48	4.64	182.36	475.67	761.10	753.30	754.20
36.000	1839.00	758.43	0.	758.68	749.50	52.40	4.64	218.80	715.54	761.10	753.30	754.20
361.000	513.00	757.24	0.	757.74	751.76	142.02	12.56	117.15	149.91	763.30	755.50	756.40
<del>361.000</del>	<del>948.00</del>	<del>758.24</del>	<del>0.</del>	<del>758.74</del>	<del>751.76</del>	<del>130.14</del>	<del>12.56</del>	<del>145.61</del>	<del>284.41</del>	<del>763.30</del>	<del>755.50</del>	<del>756.40</del>
361.000	1196.00	758.74	0.	759.23	751.76	124.18	12.56	160.39	355.83	763.30	755.50	756.40
361.000	1839.00	759.76	0.	760.22	751.76	111.35	12.56	192.53	534.87	763.30	755.50	756.40
362.000	513.00	758.00	0.	758.17	751.59	42.72	-4.36	142.49	270.24	763.13	755.33	756.23
362.000	948.00	758.84	0.	759.07	751.59	59.25	-4.36	168.95	400.33	763.13	755.33	756.23
<del>362.000</del>	<del>1196.00</del>	<del>759.21</del>	<del>0.</del>	<del>759.48</del>	<del>751.59</del>	<del>65.68</del>	<del>-4.36</del>	<del>180.92</del>	<del>466.45</del>	<del>763.13</del>	<del>755.33</del>	<del>756.23</del>
362.000	1839.00	760.11	0.	760.41	751.59	72.21	-4.36	209.22	640.74	763.13	755.33	756.23
52.000	513.00	758.42	0.	758.53	753.50	44.68	23.58	181.47	327.57	765.00	756.60	756.60
52.000	948.00	759.34	0.	759.50	753.50	45.87	23.58	216.31	521.01	765.00	756.60	756.60
52.000	1196.00	759.51	0.	759.93	753.50	46.29	23.58	227.75	615.01	765.00	756.60	756.60
52.000	1839.00	760.75	0.	760.89	753.50	46.31	23.58	253.09	840.43	765.00	756.60	756.60
35.000	513.00	761.48	0.	761.62	756.20	50.21	4.15	225.01	323.50	769.20	759.60	759.90
M 35.000	948.00	762.41	0.	762.54	756.20	47.52	4.15	295.15	566.65	769.20	759.60	759.90
35.000	1196.00	762.80	0.	762.93	756.20	45.91	4.15	328.43	640.08	769.20	759.60	759.90
35.000	1839.00	763.65	0.	763.77	756.20	42.52	4.15	381.21	992.19	769.20	759.60	759.90

MUDDY-E. RR. ARCHOALE

SUMMARY PRINTOUT

SECNO	QLOB	QROB	QCH	VI.08	VR08	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
44.000	.05	177.60	594.34	.15	1.44	6.11	6.23	1256.00	1369.35	0.	0.	.45
44.000	42.42	455.49	911.09	.93	2.17	7.79	7.00	1196.13	1374.55	0.	1.00	.62
44.000	105.91	616.77	1045.33	1.31	2.41	8.11	7.50	1189.68	1377.14	0.	.50	.64
44.000	281.44	1004.14	1394.41	1.95	3.03	9.57	8.30	1179.35	1381.30	0.	.80	.80
43.000	75.74	195.37	500.89	.53	.73	3.40	6.30	1099.22	1422.38	600.00	0.	.12
43.000	264.75	460.10	684.15	.85	.99	3.81	7.49	1089.68	1431.92	600.00	1.19	.12
43.000	379.74	609.96	778.30	.97	1.11	4.02	8.01	1087.44	1436.10	600.00	.52	.12
43.000	682.56	993.35	1004.09	1.24	1.34	4.51	9.09	1085.52	1444.73	600.00	1.08	.13
42.000	75.88	0.	696.12	1.28	0.	5.48	6.19	1086.58	1147.45	450.00	0.	.42
42.000	230.43	.89	1177.68	1.96	.52	7.29	7.57	1075.60	1152.43	450.00	1.38	.70
42.000	330.41	4.26	1433.33	2.25	.80	8.13	8.16	1070.91	1155.80	450.00	.59	.85
42.000	612.55	25.38	2042.07	2.84	1.33	9.38	9.38	1061.27	1162.74	450.00	1.21	1.18
41.000	332.94	.06	439.00	.93	.06	2.84	7.32	1139.58	1307.79	500.00	0.	.08
41.000	677.67	55.32	676.01	1.10	.44	3.39	9.05	1098.92	1418.31	500.00	1.72	.09
41.000	866.09	130.19	771.72	1.17	.56	3.53	9.78	1093.59	1456.92	500.00	.73	.10
41.000	1307.35	401.50	971.15	1.29	.75	3.76	11.30	1082.52	1519.59	500.00	1.52	.09
40.000	1.33	0.	754.67	.53	0.	5.56	4.92	1161.11	1207.61	650.00	0.	.48
40.000	21.13	121.06	1238.81	1.02	.84	6.51	6.29	1148.10	1400.94	650.00	1.37	.59
40.000	37.18	280.45	1415.36	1.13	1.13	6.68	6.82	1142.99	1406.71	650.00	.54	.57
40.000	89.64	750.15	1739.21	1.31	1.54	6.93	7.98	1131.95	1419.17	650.00	1.16	.52
39.000	65.41	15.41	673.78	.89	.57	4.96	4.94	1093.98	1275.80	900.00	0.	.34
39.000	254.57	113.01	1013.48	1.33	1.07	5.52	6.10	1082.25	1307.15	900.00	1.12	.39
39.000	354.29	181.87	1166.83	1.50	1.29	6.30	6.51	1077.86	1312.16	900.00	.41	.43
39.000	560.19	374.04	1594.86	1.96	1.72	7.35	7.36	1071.43	1322.09	900.00	.85	.53
38.000	51.86	176.25	475.88	.59	.73	3.45	6.96	1131.93	1404.57	1500.00	0.	.13
38.000	147.51	430.92	684.57	.86	1.03	3.95	8.12	1082.90	1416.16	1500.00	1.15	.13
38.000	283.03	572.85	761.11	.91	1.14	4.15	8.52	1068.75	1421.15	1500.00	.51	.14
38.000	552.51	934.05	971.44	1.11	1.36	4.54	9.70	1038.83	1428.79	1500.00	1.08	.14
381.000	26.27	109.03	570.70	.74	.83	4.86	6.20	1176.51	1385.68	1800.00	0.	.30
381.000	116.29	360.03	210.69	.97	1.25	5.55	7.25	1114.50	1407.54	1800.00	1.05	.31
381.000	191.83	506.27	918.99	1.09	1.43	5.81	7.70	1094.41	1412.01	1800.00	.44	.31
381.000	431.15	971.36	1155.47	1.35	1.73	6.31	8.63	1068.55	1421.23	1800.00	.93	.31
551.000	0.	206.61	497.39	0.	1.07	3.64	7.01	1183.00	1330.63	173.00	0.	.15
551.000	121.19	449.24	716.57	.85	1.34	4.29	8.06	1058.51	1353.36	173.00	1.05	.17
551.000	269.75	590.37	825.88	1.01	1.49	4.53	8.50	1049.14	1362.02	173.00	.44	.18
551.000	435.95	952.09	1069.96	1.32	1.76	5.18	9.42	1045.06	1377.45	173.00	.92	.20
572.000	0.	0.	704.00	0.	0.	4.80	7.35	1183.00	1212.00	55.00	0.	.36

552.000	0.	0.	1287.00	0.	0.	5.41	10.50	1183.00	1212.00	55.00	3.15	.45
552.000	0.	0.	1617.00	0.	0.	5.33	12.77	1183.00	1212.00	55.00	2.27	.44
552.000	819.81	1061.65	576.54	.52	.57	1.41	16.43	1000.00	1427.24	55.00	3.66	.01
54.000	103.25	123.13	477.82	.83	.82	3.78	6.82	1096.06	1264.97	172.00	0.	.15
54.000	313.85	411.31	561.84	.88	.80	3.00	9.89	1073.04	1333.77	172.00	3.07	.07
54.000	429.03	625.97	561.89	.76	.70	2.43	12.07	1056.67	1383.25	172.00	2.78	.04
54.000	579.68	1113.43	664.89	.73	.71	2.26	15.20	1033.11	1400.00	172.00	3.13	.03

552.000	0.	0.	1287.00	0.	0.	5.41	10.00	1183.00	1212.00	55.00	3.15	.45
552.000	0.	0.	1617.00	0.	0.	5.33	12.77	1183.00	1212.00	55.00	2.27	.44
552.000	819.81	1061.65	576.54	.52	.57	1.41	16.43	1000.00	1427.24	55.00	3.66	.01
54.000	103.25	123.13	477.62	.83	.82	3.78	6.82	1096.06	1264.97	172.00	0.	.15
54.000	313.85	411.31	561.84	.88	.80	3.00	9.89	1073.04	1333.77	172.00	3.07	.60
54.000	429.03	625.97	561.99	.76	.70	2.43	12.07	1056.67	1383.25	172.00	2.10	.05
54.000	679.68	1113.43	664.89	.73	.71	2.26	15.20	1033.11	1400.00	172.00	3.13	.03

SECNO	QLOR	OROR	QCH	VLOB	VROR	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
37.000	62.35	10.44	440.20	.87	.41	4.08	6.10	1072.92	1205.99	2250.00	0.	.22
37.000	194.20	108.13	645.63	1.19	.88	4.66	7.49	1054.74	1234.04	2250.00	1.39	.24
37.000	289.69	202.63	703.68	1.22	.96	4.42	8.43	1045.97	1253.21	2250.00	.94	.19
37.000	527.28	474.13	837.53	1.24	1.02	4.09	10.49	1025.93	1294.80	2250.00	2.06	.13
36.000	122.74	64.71	325.55	1.32	1.02	5.23	6.09	1088.93	1219.96	1100.00	0.	.28
36.000	295.72	207.42	444.86	1.74	1.44	5.85	7.24	1072.45	1239.26	1100.00	1.15	.27
36.000	395.95	295.81	504.24	1.89	1.60	6.15	7.74	1065.13	1247.48	1100.00	.50	.28
36.000	668.91	556.03	619.08	2.08	1.85	6.43	8.93	1047.33	1266.14	1100.00	1.19	.26
361.0000	98.75	36.62	377.63	1.59	1.10	6.91	5.48	1093.62	1210.79	180.00	0.	.56
361.000	272.35	167.82	507.83	2.21	1.78	7.58	6.52	1082.43	1228.04	180.00	1.05	.51
361.000	374.57	254.32	567.11	2.41	1.99	7.81	6.98	1075.47	1235.86	180.00	.46	.49
361.000	644.55	497.44	697.01	2.72	2.33	8.22	8.00	1060.34	1252.86	180.00	1.02	.46
362.000	144.03	86.50	282.47	1.23	.99	4.29	6.41	1083.90	1226.39	39.00	0.	.17
362.000	308.27	218.38	421.35	1.76	1.46	5.56	7.25	1071.44	1240.39	39.00	.83	.24
362.000	405.71	301.58	488.71	1.98	1.67	6.08	7.62	1065.80	1246.72	39.00	.38	.27
362.000	668.80	538.79	631.41	2.35	2.03	6.93	8.52	1052.47	1261.70	39.00	.89	.31
52.000	301.50	27.96	183.54	1.23	.74	4.06	4.92	1107.82	1289.29	81.00	0.	.18
52.000	596.87	94.72	256.41	1.57	1.10	4.68	5.89	1089.11	1305.42	81.00	.96	.12
52.000	763.16	141.22	291.63	1.72	1.26	4.94	6.31	1082.39	1310.14	81.00	.42	.12
52.000	1191.78	274.30	372.95	2.00	1.57	5.45	7.25	1067.50	1320.59	81.00	.94	.14
35.000	91.87	209.04	222.05	.92	1.14	4.42	5.28	1141.96	1366.97	650.00	0.	.14
35.000	221.57	431.77	294.66	1.14	1.38	4.87	6.21	1099.33	1394.47	650.00	.93	.13
35.000	315.91	554.92	325.17	1.26	1.48	5.01	6.60	1077.34	1405.77	650.00	.39	.13
35.000	574.66	873.72	390.62	1.44	1.68	5.27	7.45	1047.88	1429.09	650.00	.84	.12

MUDDY-CR. ARCHDALE

SUMMARY PRINTOUT TABLE 100

SEGNO	EGLWC	ELLC	EGPRS	ELTRD	OPR	OWEIR	CLASS	MB	DEPTH	CWSEL	VCH	EG
552.000	743.96	743.79	744.46	751.20	704.00	0.	10.00	0.	7.35	744.10	4.80	744.46
552.000	745.58	743.79	747.71	751.20	1287.00	0.	10.00	0.	10.50	747.25	5.41	747.71
552.000	746.38	743.79	749.96	751.20	1617.00	0.	10.00	0.	12.77	749.52	5.33	749.96
552.000	748.29	743.79	757.35	751.20	1959.38	505.41	30.00	0.	18.43	753.18	1.41	753.19
362.000	757.12	754.09	800.97	756.20	74.96	440.26	30.00	0.	6.41	758.00	4.29	758.17
362.000	758.12	754.09	907.65	756.20	68.99	879.27	30.00	0.	7.25	758.84	5.56	759.07
362.000	758.56	754.09	996.48	756.20	66.60	1135.23	30.00	0.	7.62	759.21	6.08	759.48
362.000	759.55	754.09	1321.83	756.20	62.61	1762.96	30.00	0.	8.52	760.11	6.93	760.41

SUMMARY OF ERRORS



FLOOD INSURANCE ZONE DATA FOR MUDDY-E. BR. ARCHDALE

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

ZONE DATA

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10%	2%	0.2%
44.000A	0.	-1.50	-.50	.80
43.000B	600.	-1.72	-.52	1.08
42.000C	1050.	-1.97	-.59	1.21
41.000D	1550.	-2.46	-.73	1.52
40.000E	2200.	-1.91	-.54	1.16
39.000F	3100.	-1.53	-.41	.85
38.000G	4600.	-1.66	-.51	1.08
381.000H	6400.	-1.50	-.44	.93
551.000	6573.	-1.50	-.44	.92
552.000	6628.	-5.41	-2.27	3.66
54.000I	6800.	-5.25	-2.18	3.13
37.000J	9050.	-2.33	-.94	2.06
36.000K	10150.	-1.65	-.50	1.19
361.000	10330.	-1.51	-.46	1.02
362.000	10369.	-1.21	-.38	.89
52.000L	10450.	-1.39	-.42	.94
35.000M	11100.	-1.32	-.39	.84
WEIGHTED AVG FOR REACH		-2.21	-.77	1.46

FHF FOR THE REACH = 0.20 WITH 77.7% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 4

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10%	1%	DIFF.			
SEC. 44.000							
1	130.	718.74	720.26	-1.52	-1.52	015	100.
2	260.	719.21	720.78	-1.57	-1.54	015	100.
3	390.	719.69	721.31	-1.62	-1.57	015	100.
4	520.	720.17	721.83	-1.66	-1.59	015	100.
SEC. 43.000							
5	650.	720.63	722.34	-1.71	-1.62	015	100.
6	780.	721.05	722.83	-1.78	-1.64	015	100.
7	910.	721.46	723.31	-1.85	-1.67	015	100.

8	1040.	721.86	723.79	-1.93	-1.70	015	100.
	1050.					SEC.	42.000
9	1170.	722.23	724.26	-2.03	-1.74	015	100.
10	1300.	722.58	724.74	-2.16	-1.78	020	100.
11	1430.	722.93	725.21	-2.28	-1.83	020	100.
	1550.					SEC.	41.000
12	1560.	723.28	725.68	-2.40	-1.88	020	92.
13	1690.	723.74	726.13	-2.39	-1.92	020	100.
14	1820.	724.27	726.56	-2.29	-1.94	020	100.
15	1950.	724.81	726.99	-2.18	-1.96	020	100.
16	2080.	725.35	727.41	-2.06	-1.96	020	100.
	2200.					SEC.	40.000
17	2210.	725.90	727.86	-1.96	-1.96	020	100.
18	2340.	726.62	728.49	-1.87	-1.96	020	100.
19	2470.	727.48	729.30	-1.82	-1.95	020	100.
20	2600.	728.34	730.10	-1.76	-1.94	020	100.
21	2730.	729.20	730.91	-1.71	-1.93	020	100.
22	2860.	730.06	731.72	-1.66	-1.92	020	100.
23	2990.	730.92	732.53	-1.61	-1.91	020	100.
	3100.					SEC.	39.000
24	3120.	731.75	733.30	-1.55	-1.89	020	96.
25	3250.	732.34	733.88	-1.54	-1.88	020	92.
26	3380.	732.74	734.29	-1.55	-1.86	020	92.
27	3510.	733.14	734.70	-1.56	-1.85	020	93.
28	3640.	733.53	735.10	-1.57	-1.84	020	93.
29	3770.	733.93	735.51	-1.58	-1.83	020	93.
30	3900.	734.33	735.92	-1.59	-1.83	020	93.
31	4030.	734.72	736.33	-1.61	-1.82	020	94.
32	4160.	735.12	736.74	-1.62	-1.81	020	94.
33	4290.	735.52	737.15	-1.63	-1.81	020	94.
34	4420.	735.91	737.55	-1.64	-1.80	020	94.
35	4550.	736.31	737.96	-1.65	-1.80	020	94.
	4600.					SEC.	38.000
36	4680.	736.72	738.37	-1.65	-1.79	020	94.
37	4810.	737.12	738.80	-1.68	-1.79	020	95.
38	4940.	737.58	739.22	-1.64	-1.79	020	95.
39	5070.	738.02	739.64	-1.62	-1.78	020	92.
40	5200.	738.45	740.07	-1.62	-1.78	020	93.
41	5330.	738.89	740.49	-1.60	-1.77	020	90.
42	5460.	739.32	740.91	-1.59	-1.77	020	90.
43	5590.	739.76	741.34	-1.58	-1.76	020	91.
44	5720.	740.19	741.76	-1.57	-1.76	020	91.
45	5850.	740.63	742.18	-1.55	-1.76	020	91.
46	5980.	741.06	742.61	-1.55	-1.75	020	91.
47	6110.	741.50	743.03	-1.53	-1.75	020	91.
48	6240.	741.93	743.45	-1.52	-1.74	015	92.
49	6370.	742.37	743.88	-1.51	-1.74	015	92.
	6400.					SEC.	381.000
50	6500.	742.88	744.38	-1.50	-1.73	015	92.
	6573.					SEC.	551.000
	6628.					SEC.	552.000
51	6630.	743.64	747.10	-3.46	-1.71	020	90.
52	6760.	744.38	749.73	-5.35	-1.83	020	92.
	6800.					SEC.	54.000

53	6890.	744.85	750.06	-5.21	-1.90	020	94.
54	7020.	745.21	750.26	-5.05	-1.96	020	93.
55	7150.	745.54	750.42	-4.88	-2.01	020	91.
56	7280.	745.86	750.58	-4.72	-2.06	020	89.
57	7410.	746.19	750.74	-4.55	-2.10	020	88.
58	7540.	746.52	750.90	-4.38	-2.14	020	86.
59	7670.	746.85	751.06	-4.21	-2.18	020	85.
60	7800.	747.18	751.22	-4.04	-2.21	020	83.
61	7930.	747.51	751.38	-3.87	-2.23	020	82.
62	8060.	747.83	751.54	-3.71	-2.26	025	81.
63	8190.	748.16	751.70	-3.54	-2.28	025	79.
64	8320.	748.49	751.86	-3.37	-2.30	025	78.
65	8450.	748.82	752.01	-3.19	-2.31	025	78.
66	8580.	749.15	752.17	-3.02	-2.32	025	79.
67	8710.	749.47	752.33	-2.86	-2.33	025	79.
68	8840.	749.80	752.49	-2.69	-2.33	025	79.
69	8970.	750.13	752.65	-2.52	-2.34	025	80.
70	9100.	750.51	752.88	-2.37	-2.34	025	80.
71	9230.	751.03	753.29	-2.26	-2.34	025	80.
72	9360.	751.63	753.81	-2.18	-2.33	025	81.
73	9490.	752.23	754.33	-2.10	-2.33	025	81.
74	9620.	752.84	754.86	-2.02	-2.33	025	81.
75	9750.	753.44	755.38	-1.94	-2.32	025	81.
76	9880.	754.04	755.90	-1.86	-2.31	025	82.
77	10010.	754.64	756.42	-1.78	-2.31	025	82.
78	10140.	755.25	756.94	-1.69	-2.30	025	82.
79	10270.	756.12	757.72	-1.60	-2.29	025	82.
	10330.					SEC.	36.000
	10369.					SEC.	361.000
	10400.	757.43	758.64	-1.41	-2.28	025	83.
	10450.					SEC.	52.000
80	10530.	758.48	759.81	-1.33	-2.27	025	83.
81	10660.	759.11	760.48	-1.37	-2.26	025	83.
82	10790.	759.72	761.08	-1.36	-2.25	025	83.
83	10920.	760.33	761.67	-1.34	-2.24	020	83.
84	11050.	760.94	762.27	-1.33	-2.23	020	84.
	11100.					SEC.	35.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS  
INPUT 204 WHERE N IS THE NUMBER OF PEACHES AND THEN INPUT THE END  
OF EACH REACH BY INC NO. FOR EXAMPLE: 202 85 85  
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

PRINTED IN U.S.A.

THIS RUN EXECUTED 12/14/78 04:19:41

(FINAL VALUES)  
MULTIPLE ZONES

HEC2 RELEASE DATED NOV 78 UPDATED 10/15/78  
ERROR CORR - 01.02  
MODIFICATION - 50.51 52.53

T1 F15 RANNOLOPH CO. N.C. 11-8-78  
T2 10-YR NATURAL AND FLOOD ZONE TABLE 201  
T3 MUDYF SR. ARCHDALE

J1	TCHECK	IND	ITNV	IDIV	STRT	METRIC	TVMS	U	RSEL	SG
	1.	2.	0.	0.	0.	0.	0.	0.	7718.500	0.
J2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALDQ	LDW	CHNTM	ITRACE
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	202.000	62.000	65.000	0.	0.	0.	0.	0.	0.	0.
--	---------	--------	--------	----	----	----	----	----	----	----

J5 LPRINT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

	-10.000	-10.000	0.	0.	0.	0.	0.	0.	0.	0.
J6	TABLE	COPY								
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

	.125	.125	1.75	.100	.300	0.	0.	0.	0.	0.
	4.000	772.000	1409.000	1788.000	2680.000	0.	0.	0.	0.	0.

	44.000	15.000	1254.000	1285.000	0.	0.	0.	0.	0.	0.
	732.700	1000.000	722.900	1100.000	724.290	1112.000	724.220	1124.000	724.160	1136.000
	719.200	1240.000	718.400	1260.000	712.700	1269.000	712.500	1275.000	712.700	1281.000
	718.400	1285.000	716.400	1300.000	716.700	1380.000	724.400	1400.000	736.000	1450.000

	53.000	15.000	1237.000	1264.000	600.000	500.000	600.000	0.	0.	0.
	734.800	1000.000	724.900	1083.000	722.100	1088.000	720.500	1100.000	718.900	1200.000
	719.600	1224.500	719.800	1237.000	715.100	1240.000	714.400	1250.000	714.600	1260.000
	718.700	1264.000	719.800	1300.000	717.900	1300.000	730.400	1500.000	736.600	1525.000

	52.000	8.000	1123.000	1148.000	450.000	450.000	450.000	0.	0.	0.
	733.000	1000.000	720.000	1100.000	719.600	1123.000	716.100	1126.000	705.900	1135.000
	716.000	1142.000	722.700	1148.000	731.800	1200.000	0.	0.	0.	0.

X1	41.000	14.000	2267.000	1293.000	500.000	500.000	500.000	0.	0.	0.
GR	738.750	1000.000	725.000	1100.000	721.000	1200.000	718.000	1234.000	719.500	1267.000
GR	717.700	1270.000	716.100	1280.000	717.500	1290.000	723.400	1293.000	723.300	1300.000
GR	724.800	1400.000	726.700	1500.000	730.300	1600.000	735.400	1700.000	0.	0.
AT	4.000	755.000	1381.000	1733.000	2629.000	0.	0.	0.	0.	0.

X1	40.000	14.000	1168.000	1208.000	650.030	650.050	650.000	0.	0.	0.
GR	735.000	1000.000	732.399	1100.000	731.800	1102.000	725.400	1168.000	722.000	1179.000
GR	721.600	1190.000	721.200	1187.000	721.600	1195.000	721.800	1198.000	726.300	1208.000
GR	726.800	1276.000	726.400	1300.000	727.400	1400.000	736.700	1500.000	0.	0.

X1	39.000	15.000	1192.000	1226.000	900.000	900.000	900.000	0.	0.	0.
GR	740.700	1000.000	733.800	1076.000	731.500	1100.000	731.400	1107.000	730.000	1109.000
GR	729.300	1114.000	729.400	1116.000	731.400	1120.000	731.600	1192.000	727.800	1195.600
GR	727.100	1202.000	727.400	1216.000	731.400	1226.000	732.600	1300.000	741.000	1400.000
OT	6.000	704.000	1287.000	1617.000	2458.000	0.	0.	0.	0.	0.

X1	38.000	12.000	1228.000	1255.000	1500.000	1500.000	1500.000	0.	0.	0.
GR	740.800	1000.000	737.200	1100.000	735.500	1200.000	734.300	1228.000	730.500	1240.000
GR	729.700	1245.000	730.000	1250.000	735.300	1255.000	734.100	1300.000	736.200	1400.000
GR	738.300	1421.000	742.400	1450.000	0.	0.	0.	0.	0.	0.

X1	381.000	0.	0.	0.	1500.000	1800.000	1800.000	1.000	6.790	0.
----	---------	----	----	----	----------	----------	----------	-------	-------	----

X1	551.000	39.000	1183.000	1212.000	173.000	173.000	173.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	743.920	743.520	0.
GR	734.240	1000.000	744.600	1055.000	742.400	1155.000	741.740	1183.000	740.720	1188.000
GR	739.170	1149.000	733.170	1190.000	736.920	1191.000	736.920	1192.000	738.170	1193.000
GR	739.170	1194.000	740.420	1195.000	740.060	1196.000	739.560	1197.000	739.060	1198.000
GR	737.050	1199.000	736.550	1200.000	737.060	1201.000	739.050	1202.000	739.560	1203.000
GR	740.060	1204.000	740.020	1205.000	738.020	1206.000	737.020	1207.000	735.520	1208.000
GR	736.520	1209.000	737.020	1210.000	738.020	1211.000	740.020	1212.000	741.540	1255.000
GR	743.640	1335.000	745.740	1376.000	749.840	1405.000	759.500	1474.000	0.	0.
GR	900	1.620	2.500	0.	16.490	0.	115.450	0.	0.	0.

X1	552.000	0.	0.	0.	55.000	55.000	55.000	1.000	.230	0.
X2	0.	0.	1.000	743.750	751.200	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	751.400	751.600	0.
AT	33.000	1000.000	759.200	748.470	1055.000	756.600	744.870	1183.000	751.000	741.970
AT	1198.000	751.400	740.650	1199.000	751.400	741.200	1193.000	751.300	742.900	1191.000
AT	751.300	743.320	1192.000	751.300	743.920	1193.000	751.300	742.900	1194.000	751.300
AT	741.900	1195.000	751.300	740.650	1196.000	751.200	740.290	1197.000	751.200	740.790
AT	1198.000	751.200	741.290	1199.000	751.200	743.290	1200.000	751.200	743.790	1201.000
AT	751.200	743.290	1202.000	751.200	741.290	1203.000	751.200	740.790	1204.000	751.200
AT	740.290	1205.000	751.200	740.250	1206.000	751.300	742.250	1207.000	751.400	743.250
AT	1208.000	751.400	743.750	1204.000	751.400	743.750	1210.000	751.400	743.250	1211.000
AT	751.400	742.250	1212.000	751.400	740.250	1255.000	752.100	741.770	1355.000	754.900

BT	742.870	1376.000	755.500	750.070	1405.000	756.700	750.070	1474.000	759.500	759.500
X1	54.000	10.000	1161.000	1181.000	172.000	172.000	172.000	0.	0.	0.
GR	757.600	1000.000	744.300	1100.000	741.300	1161.000	738.400	1163.000	738.000	1171.000
GR	738.200	1179.000	741.900	1181.000	741.900	1200.000	746.400	1300.000	750.800	1400.000
DI	74.000	513.000	948.000	1196.000	1837.000	0.	0.	0.	0.	0.
X1	37.000	12.000	1128.000	1150.000	2250.000	2250.000	2250.000	0.	0.	0.
GR	757.600	1000.000	751.100	1062.000	749.000	1100.000	748.300	1128.000	744.400	1132.000
GR	744.900	1139.000	744.700	1145.000	749.800	1150.000	750.200	1200.000	754.900	1295.000
GP	755.400	1300.000	757.500	1323.000	0.	0.	0.	0.	0.	0.
X1	36.000	11.000	1148.000	1160.000	1100.000	1100.000	1100.000	0.	0.	0.
GR	751.600	1000.000	755.700	1088.000	754.300	1100.000	753.300	1148.000	749.500	1150.000
GR	749.800	1154.000	749.900	1153.000	754.200	1160.000	754.400	1200.000	758.100	1262.000
GR	761.100	1300.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	361.000	16.000	1148.000	1160.000	190.000	180.000	180.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	754.260	754.260	0.
GR	763.800	1000.000	757.900	1088.000	756.500	1100.000	755.500	1148.000	752.760	1149.000
GR	751.760	1150.000	751.760	1151.000	752.760	1152.000	752.760	1156.000	751.760	1157.000
GR	751.760	1154.000	752.760	1159.000	756.400	1160.000	756.600	1200.000	760.300	1262.000
GR	763.300	1300.000	0.	0.	0.	0.	0.	0.	0.	0.
SR	900	2.140	2.500	0.	4.710	0.	14.140	0.	751.090	751.260
X1	52.000	10.000	1239.000	1244.000	61.000	61.000	61.000	0.	0.	0.
GR	755.000	1000.000	758.700	1100.000	755.700	1200.000	756.600	1239.000	753.760	1239.000
GR	743.500	1243.000	753.700	1247.000	756.600	1248.000	758.900	1300.000	765.000	1368.000
X1	35.000	13.000	1233.000	1244.000	650.000	650.000	650.000	0.	0.	0.
GR	771.500	1000.000	763.300	1050.000	752.400	1100.000	760.200	1200.000	759.600	1233.000
GR	756.200	1234.000	756.200	1238.000	757.000	1242.000	759.300	1244.000	759.200	1300.000
GR	752.600	1400.000	756.200	1500.000	759.200	1600.000	0.	0.	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

FLOOD INSURANCE ZONE DATA FOR MUDDY R. AT ARCHDALE

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND	10%	2%	0.2%
WF-14 44.000 A	0.	-1.50	-.50	.00	70.75
WF-15 48.000 B	600.	-1.72	-.52	1.08	"
WF-16 48.000 C	1050.	-1.97	-.59	1.21	730.93
WF-17 41.000 D	1550.	-2.46	-.73	1.52	757.71
WF-18 40.000 E	2200.	-1.91	-.52	1.16	757.71
WF-19 39.000 F	3100.	-1.53	-.41	.85	732.64
WF-20 38.000 G	4600.	-1.66	-.51	1.08	745.97
WF-21 381.000 H	6400.	-1.50	-.44	.93	"
WF-22 551.000	6573.	-1.50	-.44	.93	"
WF-23 552.000	6628.	-5.41	-2.27	3.66	745.44
WF-24 54.000 I	6800.	-5.25	-2.18	3.13	745.44
WF-25 37.000 J	9050.	-2.33	-.94	2.06	762.10
WF-26 36.000 K	10150.	-1.65	-.50	1.19	755.16
WF-27 30.000	10330.	-1.51	-.46	1.02	"
WF-28 36.000	10360.	-1.21	-.35	.80	"
WF-29 32.000 L	10450.	-1.39	-.42	.94	"
WF-30 35.000 M	11100.	-1.32	-.39	.84	"
WEIGHTED AVG FOR REACH -2.21 -1.77 1.46					

FHF FOR THE REACH = 0.20 WITH 77.7% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACHS =

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA		WTD. AVG.	FHF	PERCENT WITHIN
		10%	1%			
					SEC. 44.000	
1	130.	718.74	720.26	-1.52	015	100.
2	260.	719.21	720.78	-1.57	015	100.
3	390.	719.69	721.31	-1.62	015	100.
4	520.	720.17	721.83	-1.66	015	100.
	650.				SEC. 43.000	
5	650.	720.63	722.34	-1.71	015	100.
6	780.	721.09	722.83	-1.78	015	100.
7	910.	721.46	723.31	-1.85	015	100.

8	1040.	721.86	723.79	-1.93	-1.70	015	100.
	1050.					SEC.	42.000
9	1170.	722.23	724.26	-2.03	-1.74	015	100.
10	1300.	722.58	724.74	-2.16	-1.78	020	100.
11	1430.	722.93	725.21	-2.28	-1.83	020	100.
	1550.					SEC.	41.000
12	1560.	723.28	725.68	-2.40	-1.88	020	92.
13	1690.	723.74	726.13	-2.39	-1.92	020	100.
14	1820.	724.27	726.56	-2.29	-1.94	020	100.
15	1950.	724.81	726.99	-2.18	-1.96	020	100.
16	2080.	725.35	727.41	-2.06	-1.95	020	100.
	2200.					SEC.	40.000
17	2210.	725.90	727.86	-1.96	-1.96	020	100.
18	2340.	726.62	728.49	-1.87	-1.96	020	100.
19	2470.	727.48	729.30	-1.82	-1.95	020	100.
20	2500.	728.34	730.10	-1.76	-1.94	020	100.
21	2730.	729.20	730.91	-1.71	-1.93	020	100.
22	2860.	730.06	731.72	-1.66	-1.92	020	100.
23	2990.	730.92	732.53	-1.61	-1.91	020	100.
	3100.					SEC.	39.000
24	3120.	731.75	733.30	-1.55	-1.89	020	96.
25	3250.	732.34	733.88	-1.54	-1.88	020	92.
26	3380.	732.74	734.29	-1.55	-1.86	020	92.
27	3510.	733.14	734.70	-1.56	-1.85	020	93.
28	3640.	733.53	735.10	-1.57	-1.84	020	93.
29	3770.	733.93	735.51	-1.58	-1.83	020	93.
30	3900.	734.33	735.92	-1.59	-1.80	020	93.
31	4030.	734.72	736.33	-1.61	-1.82	020	94.
32	4160.	735.12	736.74	-1.62	-1.81	020	94.
33	4290.	735.52	737.15	-1.63	-1.91	020	94.
34	4420.	735.91	737.55	-1.64	-1.80	020	94.
35	4550.	736.31	737.96	-1.65	-1.80	020	94.
	4600.					SEC.	38.000
36	4680.	736.72	738.37	-1.65	-1.79	020	94.
37	4810.	737.15	738.80	-1.65	-1.79	020	95.
38	4940.	737.58	739.22	-1.64	-1.79	020	95.
39	5070.	738.02	739.64	-1.62	-1.78	020	92.
40	5200.	738.45	740.07	-1.62	-1.78	020	93.
41	5330.	738.89	740.49	-1.60	-1.77	020	90.
42	5460.	739.32	740.91	-1.59	-1.77	020	90.
43	5590.	739.76	741.34	-1.58	-1.76	020	91.
44	5720.	740.19	741.76	-1.57	-1.76	020	91.
45	5850.	740.63	742.18	-1.55	-1.76	020	91.
46	5980.	741.06	742.61	-1.55	-1.75	020	91.
47	6110.	741.50	743.03	-1.53	-1.75	020	91.
48	6240.	741.93	743.45	-1.52	-1.74	015	92.
49	6370.	742.37	743.88	-1.51	-1.74	015	92.
	6400.					SEC.	34.000
50	6500.	742.88	744.38	-1.50	-1.73	015	92.
	6573.					SEC.	551.000
	6624.					SEC.	552.000
51	6630.	743.64	747.10	-3.46	-1.77	020	90.
52	6760.	744.38	749.73	-5.35	-1.83	020	92.
	6800.					SEC.	54.000





53	6890.	744.85	750.06	-5.21	-1.90	020	94.
54	7020.	745.21	750.24	-5.05	-1.96	020	93.
55	7150.	745.54	750.42	-4.88	-2.01	020	91.
56	7280.	745.86	750.54	-4.72	-2.06	020	89.
57	7410.	746.19	750.74	-4.55	-2.10	020	88.
58	7540.	746.52	750.90	-4.38	-2.14	020	86.
59	7670.	746.85	751.06	-4.21	-2.18	020	85.
60	7800.	747.18	751.22	-4.04	-2.21	020	83.
61	7930.	747.51	751.38	-3.87	-2.23	020	82.
62	8060.	747.83	751.54	-3.71	-2.26	025	81.

ELEVATION DIFFERENCE  
BETWEEN BASE FLOOD AND

WEIGHTED AVG FOR REACH 10% 2% 0.2%  
-2.26 -0.77 1.41

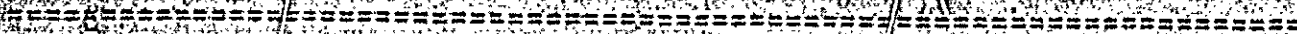
FHF FOR REACH 1 = 025 WITH 81% OF THE REACH WITHIN 1.0 FEET  
ZONE FOR THE REACH = A 5

63	8190.	748.16	751.70	-3.54	-3.54	035	100.
64	8320.	748.49	751.86	-3.37	-3.46	035	100.
65	8450.	748.82	752.01	-3.19	-3.37	035	100.
66	8580.	749.15	752.17	-3.02	-3.28	035	100.
67	8710.	749.47	752.33	-2.86	-3.20	030	100.
68	8840.	749.80	752.49	-2.69	-3.11	030	100.
69	8970.	750.13	752.65	-2.52	-3.03	030	100.
70	9100.	750.51	752.88	-2.37	-2.95	030	100.
71	9230.	751.03	753.29	-2.26	-2.87	030	100.
72	9360.	751.63	753.81	-2.18	-2.80	030	100.
73	9490.	752.23	754.33	-2.10	-2.74	025	100.
74	9620.	752.84	754.86	-2.02	-2.68	025	99.
75	9750.	753.44	755.38	-1.94	-2.62	025	99.
76	9880.	754.04	755.90	-1.86	-2.57	025	99.
77	10010.	754.64	756.42	-1.78	-2.51	025	97.
78	10140.	755.25	756.94	-1.69	-2.46	025	97.
79	10150.					SEC. 36.000	
	10270.	756.12	757.72	-1.60	-2.41	025	97.
	10330.					SEC. 361.000	
	10369.					SEC. 362.000	
80	10400.	757.43	758.84	-1.41	-2.36	025	96.
	10450.					SEC. 52.000	
81	10530.	758.48	759.81	-1.33	-2.30	025	96.
82	10660.	759.11	760.48	-1.37	-2.25	025	96.
83	10790.	759.72	761.08	-1.36	-2.21	020	96.
84	10920.	760.33	761.67	-1.34	-2.17	020	95.
85	11050.	760.94	762.27	-1.33	-2.14	020	95.
	11100.					SEC. 39.000	

ELEVATION DIFFERENCE  
BETWEEN BASE FLOOD AND

WEIGHTED AVG FOR REACH 10% 2% 0.2%  
-2.14 -0.79 1.64

FHF FOR REACH  $Z = .020$  WITH 95% OF THE REACH WITHIN 1.0 FEET  
ZONE FOR THE REACH = A 4



THIS RUN EXECUTED 02/09/79 01:46:57

(FW&L Floodway)

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

L1 FIS RANDOLPH CO. N.C. 12-5-78  
 T2 FLOODWAY--NATURAL PROFILE  
 T3 MUDDY-E.BR. ARCHDALE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	2.	0.	0.	0.	0.	0.	0.	720.000	0.
J2	NPRDF	IPLT	PREVS	XSECV	XSECH	FN	ALLOD	IRW	CHNIM	ITRACE
	1.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.
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	IHLEN	ICOPY								
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
NC	.126	.126	.053	.100	.300	0.	0.	0.	0.	0.
QT	3.000	1768.000	1768.000	1768.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1190.000	1377.000
X1	44.000	15.000	1264.000	1285.000	0.	0.	0.	0.	0.	0.
GR	732.700	1000.000	722.900	1100.000	724.290	1112.000	724.220	1124.000	724.160	1136.000
GR	719.200	1200.000	718.400	1264.000	712.700	1269.000	712.500	1275.000	712.700	1281.000
GR	718.400	1285.000	716.900	1300.000	716.700	1360.000	724.400	1400.000	736.000	1450.000
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1224.000	1411.000
X1	43.000	15.000	1237.000	1264.000	500.000	600.000	600.000	0.	0.	0.
GR	734.800	1000.000	724.900	1083.000	722.100	1088.000	720.600	1100.000	718.900	1200.000
GR	719.600	1224.000	719.800	1237.000	715.100	1240.000	714.400	1250.000	714.600	1260.000
GR	718.700	1264.000	714.800	1300.000	717.900	1400.000	730.400	1500.000	734.600	1525.000
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1071.000	1156.000
X1	42.000	8.000	1123.000	1148.000	450.000	450.000	450.000	0.	0.	0.

PRINTED IN U.S.A.

GR	733.000	1000.000	720.400	1100.000	719.600	1123.000	716.100	1126.000	715.900	1135.000
GR	716.000	1142.000	722.700	1148.000	731.800	1200.000	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1228.000	1293.000

X1	41.000	14.000	1267.000	1293.000	500.000	500.000	500.000	0.	0.	0.
GR	738.750	1000.000	725.000	1100.000	721.000	1200.000	718.000	1239.000	719.500	1267.000
GR	717.700	1270.000	716.100	1280.000	717.500	1297.000	723.400	1293.000	723.300	1300.000
GR	724.800	1400.000	726.700	1520.000	730.300	1600.000	735.900	1700.000	0.	0.
QT	3.000	1733.000	1733.000	1733.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1143.000	1300.000

X1	40.000	14.000	1168.000	1208.000	650.030	650.050	650.000	0.	0.	0.
GR	735.000	1000.000	732.300	1100.000	731.800	1107.000	725.400	1168.000	722.000	1179.000
GR	721.600	1180.000	721.200	1187.000	721.600	1195.000	721.800	1198.000	726.300	1208.000
GR	726.800	1276.000	726.400	1360.000	727.400	1400.000	736.700	1500.000	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1120.000	1300.000

X1	39.000	15.000	1192.000	1226.000	900.000	900.000	900.000	0.	0.	0.
GR	744.700	1000.000	733.800	1076.000	731.500	1100.000	731.400	1107.000	730.000	1109.000
GR	729.300	1114.000	729.400	1116.000	731.400	1120.000	731.600	1192.000	727.800	1195.000
GR	727.100	1202.000	727.400	1216.000	731.000	1226.000	732.600	1300.000	741.000	1400.000
QT	3.000	1617.000	1617.000	1617.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1180.000	1359.000

X1	38.000	12.000	1228.000	1255.000	1500.000	1500.000	1500.000	0.	0.	0.
GR	740.800	1000.000	737.200	1100.000	735.500	1200.000	734.300	1228.000	730.500	1240.000
GR	729.700	1245.000	730.000	1250.000	735.300	1255.000	734.100	1300.000	736.200	1400.000
GR	738.300	1421.000	742.400	1450.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1228.000	1400.000

X1	381.000	0.	0.	0.	1800.000	1800.000	1800.000	1.000	6.790	0.
ET	0.	0.	9.110	0.	0.	0.	0.	0.	1155.000	1335.000

X1	551.000	34.000	1183.000	1212.000	173.000	173.000	173.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	743.920	743.520	0.
GR	748.240	1000.000	744.640	1055.000	742.940	1155.000	741.740	1183.000	740.420	1188.000
GR	739.170	1189.000	738.170	1190.000	736.920	1191.000	736.920	1192.000	738.170	1193.000
GR	739.170	1194.000	740.420	1195.000	740.060	1196.000	739.560	1197.000	739.060	1198.000
GR	737.060	1199.000	736.560	1200.000	737.060	1201.000	739.060	1202.000	739.560	1203.000
GR	740.060	1204.000	740.020	1205.000	738.020	1206.000	737.020	1207.000	736.520	1208.000
GR	736.520	1209.000	737.020	1210.000	738.020	1211.000	740.020	1212.000	741.540	1255.000
GR	743.640	1335.000	745.740	1376.000	749.840	1405.000	759.500	1474.000	0.	0.
SB	900	1.620	2.500	0.	16.490	0.	115.450	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1183.000	1212.000

X1	552.000	0.	0.	0.	55.000	55.000	55.000	1.000	2.230	0.
X2	0.	0.	1.000	743.790	751.260	0.	1.000	0.	0.	0.

PRINTED IN U.S.A.

X3	10.000	0.	0.	0.	0.	0.	0.	751.400	751.600	0.
BT	33.000	1000.000	759.200	748.470	1055.000	756.600	744.870	1183.000	751.400	741.970
BT	1186.000	751.400	740.650	1189.000	751.400	741.900	1190.000	751.300	742.900	1191.000
BT	751.300	743.920	1192.000	751.300	743.920	1193.000	751.300	742.900	1194.000	751.300
BT	741.900	1195.000	751.300	740.650	1196.000	751.200	740.290	1197.000	751.200	740.790
BT	1198.000	751.200	741.290	1199.000	751.200	743.290	1200.000	751.200	743.790	1201.000
BT	751.200	743.290	1202.000	751.200	741.290	1203.000	751.200	740.790	1204.000	751.200
BT	740.290	1205.000	751.200	740.250	1206.000	751.300	742.250	1207.000	751.400	743.250
BT	1208.000	751.400	743.750	1209.000	751.400	743.750	1210.000	751.400	743.250	1211.000
BT	751.400	742.250	1212.000	751.400	740.250	1255.000	752.100	741.770	1355.000	754.900
BT	743.870	1376.000	755.500	750.070	1405.000	756.700	750.070	1474.000	759.500	759.500
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1134.000	1240.000
X1	54.000	10.000	1151.000	1181.000	172.000	172.000	172.000	0.	0.	0.
GR	757.600	1000.000	744.300	1100.000	741.300	1161.000	738.400	1163.000	738.000	1171.000
GR	738.200	1179.000	741.900	1181.000	741.900	1200.000	746.400	1300.000	750.800	1400.000
QT	3.000	1196.000	1196.000	1196.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1098.000	1174.000
X1	37.000	12.000	1128.000	1150.000	2250.000	2250.000	2250.000	0.	0.	0.
GR	757.800	1000.000	751.100	1062.000	749.000	1100.000	748.300	1128.000	744.400	1132.000
GR	744.900	1139.000	744.700	1145.000	749.800	1150.000	750.200	1200.000	754.900	1295.000
GR	755.400	1300.000	757.100	1323.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1115.000	1187.000
X1	36.000	11.000	1148.000	1160.000	1100.000	1100.000	1100.000	0.	0.	0.
GR	761.600	1000.000	755.700	1088.000	754.300	1100.000	753.300	1148.000	749.500	1150.000
GR	749.800	1154.000	749.900	1158.000	754.200	1160.000	754.400	1200.000	754.100	1262.000
GR	761.100	1300.000	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.110	0.	0.	0.	0.	0.	1088.000	1200.000
X1	361.000	16.000	1148.000	1160.000	180.000	180.000	180.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	754.260	754.260	0.
GR	763.800	1000.000	757.900	1088.000	756.500	1100.000	755.500	1148.000	752.760	1149.000
GR	751.760	1150.000	751.760	1151.000	752.760	1152.000	752.760	1156.000	751.760	1157.000
GR	751.760	1158.000	752.760	1159.000	756.400	1160.000	756.600	1200.000	760.300	1262.000
GR	763.300	1300.000	0.	0.	0.	0.	0.	0.	0.	0.
SB	.900	2.140	2.500	0.	4.710	0.	14.140	0.	751.090	751.260
ET	0.	0.	9.110	0.	0.	0.	0.	0.	1093.000	1212.000
X1	362.000	0.	0.	0.	34.000	39.000	39.000	1.000	-.170	0.
X2	0.	0.	1.000	754.090	756.200	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	756.200	756.600	0.
BT	14.000	1000.000	763.800	763.800	1100.000	756.500	756.330	1148.000	756.200	755.330
BT	1149.000	756.200	752.590	1150.000	756.300	753.590	1151.000	756.300	753.590	1152.000
BT	756.300	752.590	1156.000	756.300	752.590	1157.000	756.600	753.590	1158.000	756.600
BT	753.590	1159.000	756.600	752.590	1160.000	756.700	756.230	1200.000	759.000	756.430
BT	1262.000	760.130	760.130	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1100.000	1248.000

X1	52.000	10.000	1238.000	1248.000	81.000	81.000	81.000	0.	0.	0.
GR	765.000	1000.000	758.700	1100.000	755.200	1200.000	756.600	1238.000	753.700	1239.000
GR	753.500	1243.000	753.700	1247.000	756.600	1248.000	758.900	1300.000	765.000	1368.000
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1200.000	1300.000
X1	35.000	13.000	1233.000	1244.000	650.000	650.000	650.000	0.	0.	0.
GR	771.500	1000.000	763.300	1050.000	762.400	1100.000	760.200	1200.000	759.600	1233.000
GR	756.200	1234.000	756.200	1238.000	757.000	1242.000	759.900	1244.000	759.200	1300.000
GR	762.600	1400.000	766.200	1500.000	769.200	1600.000	0.	0.	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

HLCO = 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 02/09/79 01:47:20

\*\*\*\*\*  
HCC2 RELEASE DATED NOV 76 UPDATED AUG1977  
ERROR CORR - 01.02  
MODIFICATION - 50,51,52,53  
\*\*\*\*\*

T1 FIS RANDOLPH CO. N.C. 12-5-78  
T2 FLOODWAY--METHOD 1  
T3 MUDDY-E.BR. ARCHDALE

J1	ICHECK	INO	NTW	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-10.	3.	0.	0.	0.	0.	0.	0.	720.000	0.
J2	NPROF	TPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

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

3700. BRIDGE STENCL= 1093.00 STENCR= 1212.00

PRINTED IN U.S.A.

THIS RUN EXECUTED 02/09/79 01:47:24

\*\*\*\*\*  
HEC2 RELEASE DATED NOV 76 UPDATED AUG1977  
ERROR CORR - 01,02  
MODIFICATION - 50,51,52,53  
\*\*\*\*\*

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

MUDDY-E.BR. ARCHDALE

SUMMARY PRINTOUT TABLE 100

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	GWSEL	VCH	EG
552.000	746.36	743.79	749.96	751.20	1617.00	0.	10.00	0.	12.77	749.52	5.33	749.96
552.000	746.61	743.79	750.35	751.20	1617.00	0.	10.00	0.	13.20	749.95	5.12	750.35
362.000	758.56	754.09	996.48	756.20	66.60	1135.23	30.00	0.	7.62	759.21	6.08	759.48
362.000	759.12	754.09	997.19	756.20	56.90	1148.72	30.00	0.	8.19	759.78	5.44	760.00



MUDDY-E. BR. ARCHDALE

SUMMARY PRINTOUT TABLE 105

SECNO	CWSEL	HL	OLOSS	TOPWID	QLOB	QCH	QROB
381.000	744.19	5.99	.05	317.60	191.83	918.90	506.27
381.000	744.64	5.99	.04	172.00	0.	956.67	660.33
551.000	745.02	.69	.01	312.88	200.75	825.88	590.37
551.000	745.42	.64	.01	180.00	112.22	853.19	651.60
552.000	749.52	4.75	0.	29.00	0.	1617.00	0.
552.000	749.95	4.76	0.	29.00	0.	1617.00	0.
54.000	750.07	.11	.04	326.58	429.03	561.99	625.97
54.000	750.48	.20	.03	106.00	250.16	822.22	544.62
36.000	757.24	4.47	.03	182.36	395.95	504.24	295.81
36.000	758.15	4.60	.05	72.00	345.85	631.38	218.77
361.000	758.74	1.65	.06	160.39	374.57	567.11	254.32
361.000	759.46	1.22	.01	112.00	429.83	529.16	237.00
362.000	759.21	.25	0.	180.92	405.71	486.71	301.58
362.000	759.78	.21	0.	119.00	413.48	473.91	308.61
52.000	759.81	.44	.01	227.75	763.16	291.63	141.22
52.000	760.27	.37	.01	148.00	919.80	276.20	0.

MUDDY-E.BR. ARCHOALE

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOR	QCH	QROH	PERENC	STENCL	STCHL	STCHR	STENCR
44.000	720.00	0.	720.64	187.47	105.91	1045.33	616.77	0.	0.	1264.00	1285.00	0.
44.000	720.00	0.	720.64	187.00	105.94	1045.18	616.88	187.00	1190.00	1264.00	1285.00	1377.00
43.000	722.41	0.	722.53	348.66	379.74	778.30	609.96	0.	0.	1237.00	1264.00	0.
43.000	722.75	.34	722.95	187.00	41.19	953.85	772.96	187.00	1224.00	1237.00	1264.00	1411.00
42.000	724.06	0.	724.91	84.90	330.41	1433.33	4.26	0.	0.	1123.00	1148.00	0.
42.000	724.37	.30	725.11	85.00	353.01	1407.97	7.02	85.00	1071.00	1123.00	1148.00	1156.00
41.000	725.86	0.	725.98	363.32	866.09	771.72	130.19	0.	0.	1267.00	1293.00	0.
41.000	726.55	.67	726.81	65.00	618.83	1149.17	0.	65.00	1228.00	1267.00	1293.00	1293.00
40.000	728.02	0.	728.59	263.72	37.18	1415.36	280.45	0.	0.	1168.00	1208.00	0.
40.000	728.63	.60	729.10	157.00	56.13	1431.46	243.41	157.00	1143.00	1168.00	1208.00	1300.00
39.000	733.61	0.	734.04	234.29	364.29	1186.83	181.87	0.	0.	1192.00	1226.00	0.
39.000	733.64	.03	734.20	180.00	242.05	1295.29	195.66	180.00	1120.00	1192.00	1226.00	1300.00
38.000	738.32	0.	738.46	352.43	283.03	761.11	572.86	0.	0.	1228.00	1255.00	0.
38.000	738.75	.43	738.92	179.00	204.38	857.11	555.51	179.00	1180.00	1228.00	1255.00	1359.00
381.000	744.19	0.	744.50	317.60	191.83	918.90	506.27	0.	0.	1228.00	1255.00	0.
381.000	744.64	.46	744.95	172.00	0.	956.67	660.33	172.00	1228.00	1228.00	1255.00	1400.00
551.000	745.02	0.	745.20	312.88	200.75	825.88	590.37	0.	0.	1183.00	1212.00	0.
551.000	745.42	.40	745.60	180.00	112.22	853.19	651.60	180.00	1155.00	1183.00	1212.00	1335.00
552.000	749.52	0.	749.56	29.00	0.	1617.00	0.	0.	0.	1183.00	1212.00	0.
552.000	749.95	.43	750.35	29.00	0.	1617.00	0.	29.00	1183.00	1183.00	1212.00	1212.00
54.000	750.07	0.	750.11	326.58	429.03	561.99	625.97	0.	0.	1161.00	1181.00	0.
54.000	750.48	.41	750.58	106.00	250.16	822.22	544.62	106.00	1134.00	1161.00	1181.00	1240.00
37.000	752.83	0.	753.02	207.25	289.69	703.68	202.63	0.	0.	1128.00	1150.00	0.
37.000	753.65	.82	753.92	76.00	234.77	850.75	110.48	76.00	1098.00	1128.00	1150.00	1174.00
36.000	757.24	0.	757.52	182.36	395.95	504.24	295.81	0.	0.	1148.00	1160.00	0.
36.000	758.15	.91	758.56	72.00	345.85	631.38	218.77	72.00	1115.00	1148.00	1160.00	1187.00
361.000	758.74	0.	759.23	160.39	374.57	567.11	254.32	0.	0.	1148.00	1160.00	0.
361.000	759.46	.72	759.79	112.00	429.83	529.16	237.00	112.00	1088.00	1148.00	1160.00	1200.00
362.000	759.21	0.	759.48	180.92	405.71	488.71	301.58	0.	0.	1148.00	1160.00	0.
362.000	759.78	.57	760.00	119.00	413.48	473.91	308.61	119.00	1093.00	1148.00	1160.00	1212.00
52.000	759.81	0.	759.93	227.75	763.16	291.63	141.22	0.	0.	1238.00	1248.00	0.

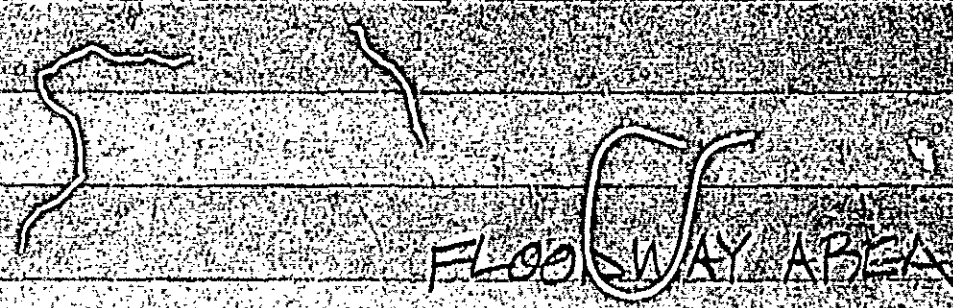
PRINTED IN U.S.A.

52.000	760.27	.46	760.38	148.00	919.80	276.20	0.	148.00	1100.00	1238.00	1248.00	1248.00
35.000	762.80	0.	762.93	328.43	315.91	325.17	554.92	0.	0.	1233.00	1244.00	0.
35.000	763.55	.75	763.83	100.00	246.24	455.87	493.89	100.00	1200.00	1233.00	1244.00	1300.00

SUMMARY OF ERRORS

PRINTED IN U.S.A.

FLOODWAY DATA, MUDDY-E. BR. ARCHDALE  
 PROFILE NO. 2



STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
44.000A	187.	465.	3.8	720.0	720.0	0.
43.000B	187.	806.	2.2	722.7	722.4	.3
42.000C	85.	354.	5.0	724.4	724.1	.3
41.000D	65.	544.	3.2	726.6	725.9	.7
40.000E	157.	474.	3.7	728.6	728.0	.6
39.000F	180.	480.	3.6	733.6	733.6	0.
38.000G	179.	784.	2.1	738.7	738.3	.4
381.000H	172.	583.	2.8	744.7	744.2	.5
351.000	180.	703.	2.3	745.4	745.0	.4
552.000	29.	316.	5.1	749.9	749.5	.4
54.000I	106.	939.	1.7	750.5	750.1	.4
37.000J	76.	417.	2.9	753.6	752.8	.8
36.000K	72.	346.	3.5	758.1	757.2	.9
361.000	112.	393.	3.0	759.4	758.7	.7
362.000	119.	472.	2.5	759.8	759.2	.6
52.000L	148.	562.	2.1	760.3	759.8	.5
35.000M	100.	418.	2.9	763.5	762.8	.7

PRINTED IN U.S.