

Muddy
Creek-East
Tributary

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

~~OK~~
 (FINAL Profiles)
 SINGLE ZONE

 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 10 YR NATURAL AND FLOOD ZONE TABLE 201
 T3 MUDDY-E.B.P. ARCHDALE

J1	ICHECK	INQ	MINV	IDIR	STRN	METRIC	HVINS	Q	WSEL	FQ
	-1.	2.	0.	0.	0.	0.	0.	0.	718.500	0.
J2	NERDF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	TRW	CHNIM	ITPACE
	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	22.000	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	8.000	53.000	54.000	39.000	50.000	10.000	100.000	201.000	0.
J5	UPINT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.	0.	0.	0.	0.	0.	0.	0.
J6	INLEQ	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	772.000	1409.000	1768.000	2680.000	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	724.230	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	715.900	1300.000	716.700	1360.000	724.400	1400.000	736.000	1450.000
X1	43.000	15.000	1237.000	1264.000	600.000	600.000	600.000	0.	0.	0.
GR	734.800	1000.000	724.900	1082.000	722.700	1088.000	720.600	1100.000	718.900	1200.000
GR	719.700	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

X1	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.

X1	41.000	14.000	1267.000	1293.000	500.000	500.000	500.000	0.	0.	0.
GR	748.750	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	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.

X1	40.000	14.000	1168.000	1208.000	650.000	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	1140.000	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	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	1145.000
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	2454.000	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	735.200	1400.000
GR	738.300	1421.000	742.400	1450.000	0.	0.	0.	0.	0.	0.

X1	3-1.000	0.	0.	0.	1800.000	1800.000	1800.000	1.000	6.790	0.
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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	744.540	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	1194.000	740.420	1195.000	740.060	1196.000	739.560	1197.000	739.060	1198.000
GR	737.050	1199.000	735.560	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-	0.000	1.620	2.500	0.	16.490	0.	115.650	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	751.400	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
GT	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	757.500	1000.000	744.300	1100.000	741.300	1161.000	738.400	1163.000	738.000	1171.000
GR	738.200	779.000	741.900	1181.000	741.900	1200.000	746.400	1300.000	750.800	1400.000
OT	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	1082.000	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	757.500	1323.000	0.	0.	0.	0.	0.	0.

X1	36.000	11.000	1149.000	1150.000	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	751.100	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	753.200	1000.000	757.900	1084.000	755.500	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	753.300	1300.000	0.	0.	0.	0.	0.	0.	0.	0.
GR	.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	756.330
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.

X1	52.000	10.000	1238.000	1248.000	81.000	81.000	81.000	0.	0.	0.
GR	755.000	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

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	755.200	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.

INLET = 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 U.S.A.

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

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-F. RP. ARCHDALE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.	0.	0.	0.	719.500	0.
J2	NPROF	TPLUT	PREVS	XSECV	XSECH	FN	ALLOC	law	CHNIM	ITRACE
	2.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

INLE0 = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

PERFORMER

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	IND	NINV	IDIR	STRT	METRIC	HVINS		WSEL	FG
	-10.	4.	0.	0.	0.	0.	0.	0.	720.000	0.
J2	INPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IHW	CHNIM	ITRACE
	3.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

INLEG = 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 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-E.BR. ARCHDALE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	RVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.	0.	0.	0.	720.800	0.
J2	NPROF	IPLOT	PFEVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	TRACE
	15.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

IMLEG = 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 03:37:54

PROFILES

 MEC2 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	CWSEL	CRIWS	EG	ELMIN	10K*5	K*CHSL	TOPWID	AREA	TELMX	XLBEL	PREL
A	44.000	772.00	718.50	0.	714.95	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	162.76	0.	178.42	373.85	732.70	718.40	718.40
	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.	721.65	712.50	120.51	0.	201.94	521.08	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	721.69	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	77.93	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	11.58	.40	168.20	512.04	735.90	719.50	723.40
	41.000	1409.00	725.15	0.	725.24	716.10	11.82	.40	319.39	939.56	735.90	719.50	723.40
	41.000	1768.00	725.88	0.	725.98	716.10	11.35	.40	363.32	1181.93	735.90	719.50	723.40
	41.000	2680.00	727.49	0.	727.50	716.10	10.33	.40	437.07	1806.86	735.90	719.50	723.40
E	40.000	756.00	725.12	0.	725.60	721.20	79.85	7.85	46.50	138.34	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	267.72	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	756.00	732.08	0.	732.42	727.10	54.29	6.56	181.82	237.36	741.00	731.60	731.00
	39.000	1381.00	733.20	0.	733.59	727.10	52.71	6.56	224.90	471.40	741.00	731.60	731.00
	39.000	1733.00	733.51	0.	734.04	727.10	56.63	6.56	234.29	587.89	741.00	731.60	731.00
	39.000	2629.00	734.40	0.	735.00	727.10	44.07	6.56	250.66	770.38	741.00	731.60	731.00
G	38.000	704.00	735.65	0.	736.74	729.70	19.75	1.73	272.65	466.39	740.80	734.30	735.30
	38.000	1287.00	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.	738.40	729.70	19.70	1.73	352.43	997.21	740.80	734.30	735.30

	34.000	2459.00	739.40	0.	739.54	729.70	19.63	1.73	389.96	1396.93	740.80	734.30	735.30
	381.000	704.00	742.64	0.	742.98	736.49	48.51	3.77	209.17	281.20	747.59	741.09	742.09
H	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

SECNO	Q	CWSEL	CRWS	EG	ELMIN	10K*5	K*CHSL	TOPWID	AREA	TELNX	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
551.000	1287.00	744.58	0.	744.75	736.52	33.83	.17	294.85	640.22	748.24	741.74	740.02
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	2454.00	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
552.000	1287.00	747.25	0.	747.71	736.75	37.20	4.18	29.00	237.92	748.47	741.97	740.25
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
I 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	473.67	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.	757.79	751.76	142.02	12.56	117.16	149.91	763.30	755.50	756.40
361.000	948.00	758.28	0.	758.79	751.76	130.14	12.56	145.61	284.41	763.30	755.50	756.40
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	111.56	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
362.000	1196.00	759.21	0.	759.48	751.59	65.68	-4.36	180.92	466.45	763.13	755.33	756.23
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	44.60	23.58	181.47	327.57	765.00	756.60	756.60
52.000	948.00	759.39	0.	759.50	753.50	45.87	23.58	216.31	521.01	765.00	756.60	756.60
L 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	751.48	0.	751.52	756.20	50.21	4.15	225.01	323.50	769.20	759.60	759.90
35.000	948.00	752.41	0.	752.54	756.20	47.52	4.15	295.13	566.65	769.20	759.60	759.90
M 35.000	1196.00	762.80	0.	762.93	756.20	45.91	4.15	328.43	690.08	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. BR. ARCHOALE

SUMMARY PRINTOUT

SECNO	QLOR	QROB	QCH	VLQB	VROB	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
44.000	.00	177.60	594.34	.15	1.44	5.11	6.00	1256.00	1369.35	0.	0.	.45
44.000	42.42	455.49	911.09	.93	2.17	7.70	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	241.44	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	374.74	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	1085.58	1147.45	450.00	0.	.42
42.000	230.43	.89	1177.65	1.96	.52	7.29	7.57	1075.60	1152.43	450.00	1.38	.70
42.000	370.41	4.26	1433.33	2.25	.80	8.11	8.16	1070.91	1155.80	450.00	.59	.85
42.000	612.55	25.36	2042.07	2.84	1.31	9.88	9.38	1061.27	1162.74	450.00	1.21	1.18
41.000	322.94	.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	1.13	0.	754.67	.53	0.	5.56	4.92	1161.11	1207.61	650.00	0.	.48
40.000	21.13	121.00	1238.81	1.02	.84	6.51	6.29	1148.10	1400.94	650.00	1.37	.59
40.000	37.10	280.45	1415.36	1.13	1.13	6.68	6.82	1142.99	1406.71	650.00	.54	.57
40.000	85.69	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	4.98	1093.98	1275.80	900.00	0.	.34
39.000	254.57	113.01	1013.42	1.33	1.07	5.32	6.10	1082.25	1307.15	900.00	1.12	.39
39.000	364.29	181.87	1185.83	1.53	1.29	6.40	6.51	1077.86	1312.16	900.00	.41	.43
39.000	569.10	374.04	1594.86	1.96	1.52	7.36	7.36	1071.43	1322.09	900.00	.85	.53
38.000	51.80	176.26	475.88	.59	.73	3.45	6.96	1131.93	1404.57	1500.00	0.	.13
38.000	167.51	430.92	684.57	.80	1.03	3.98	8.12	1082.90	1416.16	1500.00	1.15	.13
38.000	283.83	572.55	751.11	.91	1.14	4.15	8.62	1068.75	1421.16	1500.00	.51	.14
38.000	552.51	934.05	971.44	1.11	1.36	4.58	9.70	1038.83	1428.79	1500.00	1.08	.14
371.000	24.27	109.03	570.79	.74	.83	4.86	6.20	1176.51	1385.68	1800.00	0.	.30
371.000	115.29	360.03	610.69	.97	1.24	5.55	7.25	1114.50	1407.54	1800.00	1.06	.31
371.000	191.83	506.27	918.90	1.09	1.43	5.81	7.70	1094.41	1412.01	1800.00	.44	.31
371.000	431.15	971.38	1155.47	1.38	1.73	6.31	8.63	1058.55	1421.23	1800.00	.93	.31
551.000	0.	296.61	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	1.36	4.29	8.06	1058.51	1353.36	173.00	1.05	.17
551.000	200.75	590.37	825.88	1.01	1.49	4.54	8.50	1049.14	1362.02	173.00	.44	.18
551.000	435.95	952.09	1069.98	1.32	1.76	5.18	9.42	1035.06	1377.45	173.00	.92	.20
552.000	0.	0.	704.00	0.	0.	4.80	7.35	1183.00	1212.00	55.00	0.	.36

UNRECORDED

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	319.81	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	.07
54.000	429.03	625.97	561.99	.76	.70	2.43	12.07	1056.67	1383.25	172.00	2.18	.04
54.000	679.68	1113.43	664.89	.73	.71	2.26	15.20	1033.11	1400.00	172.00	3.13	.03

MADE IN U.S.A.

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.	3.33	12.77	1183.00	1212.00	55.00	2.27	.44
552.000	319.81	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	1079.04	1333.77	172.00	3.07	.07
54.000	429.03	625.97	561.99	.76	.70	2.43	12.07	1056.67	1383.25	172.00	2.18	.04
54.000	679.68	1113.43	664.89	.73	.71	2.26	15.20	1033.11	1400.00	172.00	3.13	.03

PRINTED IN U.S.A.

SECNO	QLOR	QROR	QCH	VLOH	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	474.19	837.53	1.24	1.02	4.09	10.49	1026.93	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	5.65	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	663.91	556.01	619.08	2.08	1.85	6.43	8.93	1047.33	1266.14	1100.00	1.19	.26
361.000	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	302.27	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	489.71	1.98	1.67	6.08	7.52	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.	.11
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	1121.76	274.30	372.95	2.00	1.57	5.45	7.25	1067.50	1320.59	81.00	.94	.14
35.000	81.87	209.08	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	.43	.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	773.72	390.62	1.44	1.68	5.27	7.45	1047.88	1429.09	650.00	.84	.12

CATPDR05A

MUDDY-E. BR. ARCHOALE

SUMMARY PRINTOUT TABLE 100

SECNO	EGLWC	ELLC	EGPRS	ELTPD	QRR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
552.000	743.94	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	746.35	743.79	749.95	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.	16.43	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-F.B.R. 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
531.000	6573.	-1.50	-.44	.92
552.000	6628.	-5.41	-2.27	3.66
54.000I	6800.	-5.25	-2.18	3.13
37.000	9050.	-2.33	-.94	2.06
36.000V	10150.	-1.65	-.50	1.19
361.000	10330.	-1.51	-.45	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	1.45

FHE 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 FEET INCREMENTS

INC. NO.	TOTAL LENGTH	AVG. ELEVATION DATA			WID. AVG.	FHE	PERCENT WITHIN
		10%	1%	DIFF.			
	0.						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.	719.59	721.31	-1.62	-1.57	015	100.
4	520.	720.17	721.83	-1.66	-1.59	015	100.
	600.						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.	721.45	723.31	-1.85	-1.67	015	100.

4	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.	722.53	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	1590.	723.74	726.13	-2.39	-1.92	020	100.
14	1420.	724.27	726.56	-2.29	-1.94	020	100.
15	1950.	724.41	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	4650.	736.72	738.37	-1.65	-1.79	020	94.
37	4780.	737.12	738.80	-1.68	-1.79	020	95.
38	4910.	737.53	739.22	-1.69	-1.79	020	95.
39	5040.	738.02	739.64	-1.62	-1.73	020	92.
40	5200.	738.45	740.07	-1.62	-1.74	020	93.
41	5330.	738.88	740.49	-1.61	-1.77	020	90.
42	5450.	739.32	740.91	-1.59	-1.77	020	90.
43	5570.	739.75	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.	741.05	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.	37.000
50	6500.	742.84	744.38	-1.50	-1.73	015	92.
	6570.					SEC.	36.000
	6620.					SEC.	35.000
51	6630.	743.54	744.19	-3.40	-1.77	020	90.
52	6750.	744.30	744.73	-5.35	-1.83	020	92.
	6800.					SEC.	34.000

53	6890.	744.85	750.06	-5.21	-1.90	020	94.
54	7020.	745.21	750.26	-5.05	-1.95	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	79.
	9050.				SEC.	37.000	
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.	751.53	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.	754.74	756.42	-1.78	-2.31	025	82.
78	10140.	755.35	756.94	-1.69	-2.30	025	82.
	10150.				SEC.	36.000	
79	10270.	756.12	757.72	-1.60	-2.29	025	82.
	10350.				SEC.	361.000	
	10400.				SEC.	362.000	
80	10400.	757.43	758.84	-1.41	-2.28	025	83.
	10450.				SEC.	52.000	
81	10500.	758.74	759.81	-1.33	-2.27	025	83.
82	10600.	759.11	760.48	-1.37	-2.26	025	83.
83	10700.	759.72	761.08	-1.36	-2.25	025	83.
84	10800.	760.33	761.67	-1.34	-2.24	020	83.
85	11050.	760.94	762.27	-1.33	-2.23	020	84.
	11100.				SEC.	35.000	

THIS REACH CAN BE SUBMITTED BY INC NO. TO MEET FIA REQUIREMENTS
 INPUT 202 WHERE 0 IS THE NUMBER OF REACHS AND THEN INPUT THE END
 OF EACH REACH BY INC NO. FOR EXAMPLES 202 85 85
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

 HEC2 RELEASE DATED NOV 75 UPDATED AUG 1977
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

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

(FINAL Profiles)
 MULTIPLE ZONES

11 FJS RAINFALL CO. INC. 11-5-78
 12 10 YR NATURAL AND FLOOD ZONE TABLE 201
 13 AUDY-ER. ARCHDALE

J1	ICHECK	1002	ANVM	1014	SIRT	NETRIC	HVIMS	Q	WSEL	FC
	-1.	2.	0.	0.	0.	0.	0.	0.	718.500	0.
J2	WRFSE	12LOT	PREVS	XSECV	XSECH	FA	ALLDC	140	CHDIN	1TRACE
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	202.000	62.000	85.000	0.	0.	0.	0.	0.	0.	0.
J5	***** UNCLASSIFIED SECTION *****									
	-10.000	-10.000	0.	0.	0.	0.	0.	0.	0.	0.
J6	1-LE	1-2P								
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	.125	.125	.154	.160	.500	0.	0.	0.	0.	0.
	5.000	772.000	1419.000	1758.000	2450.000	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
81	55.000	15.050	1264.000	1265.000	0.	0.	0.	0.	0.	0.
82	722.700	1000.000	722.000	1100.000	720.200	1112.000	720.220	1124.000	720.450	1135.000
83	719.200	1200.000	718.000	1264.000	712.700	1260.000	712.500	1275.000	712.700	1281.000
84	719.400	1200.000	716.000	1300.000	715.700	1350.000	720.400	1400.000	736.000	1450.000
81	13.000	15.000	1237.000	1284.000	500.000	500.000	500.000	0.	0.	0.
82	730.200	1000.000	724.000	1084.000	722.100	1075.000	720.500	1100.000	715.900	1200.000
83	719.600	1200.000	719.000	1237.000	715.100	1240.000	714.400	1250.000	714.500	1260.000
84	719.700	1200.000	719.000	1300.000	717.300	1500.000	730.000	1500.000	734.600	1525.000
81	12.000	5.000	1123.000	1148.000	450.000	450.000	450.000	0.	0.	0.
82	733.000	1000.000	720.000	1100.000	719.500	1123.000	715.200	1126.000	715.900	1135.000
83	716.000	1152.000	722.700	1148.000	731.300	1200.000	0.	0.	0.	0.

X1	41.000	12.000	1267.000	1293.000	500.000	500.000	500.000	0.	0.	0.
GR	738.750	1500.000	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	1500.000	735.900	1700.000	0.	0.
OT	4.000	756.000	1361.000	1733.000	2529.000	0.	0.	0.	0.	0.

X1	40.000	14.000	1163.000	1299.000	650.130	650.050	660.000	0.	0.	0.
GR	735.000	1000.000	732.300	1100.000	731.800	1107.000	725.400	1158.000	722.000	1179.000
GR	721.800	1160.000	721.200	1187.000	721.800	1195.000	721.800	1198.000	725.300	1208.000
GR	725.800	1275.000	725.400	1300.000	727.400	1400.000	735.700	1500.000	0.	0.

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	725.300	1114.000	729.400	1116.000	731.400	1120.000	731.500	1192.000	727.800	1195.000
GR	727.100	1292.000	727.400	1216.000	741.000	1225.000	732.600	1300.000	741.000	1400.000
OT	4.000	709.000	1287.000	1517.000	2658.000	0.	0.	0.	0.	0.

X1	38.000	12.500	1228.000	1258.000	1500.000	1500.000	1500.000	0.	0.	0.
GR	740.500	1000.000	737.200	1100.000	735.500	1200.000	734.300	1228.000	730.500	1240.000
GR	729.700	1245.000	739.000	1250.000	735.300	1255.000	734.100	1300.000	735.200	1400.000
GR	744.300	1421.000	742.400	1450.000	0.	0.	0.	0.	0.	0.

X1	37.000	0.	0.	0.	1500.000	1500.000	1500.000	1.000	0.700	0.
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X1	36.000	0.	1183.130	1212.000	173.000	173.000	173.000	0.	0.	0.
GR	740.500	0.	0.	0.	0.	0.	0.	743.300	743.520	0.
GR	738.200	1000.000	744.600	1055.000	742.400	1155.000	741.740	1143.000	740.420	1192.000
GR	734.170	1150.000	738.170	1150.000	738.920	1190.000	738.920	1192.000	738.170	1193.000
GR	732.170	1150.000	739.420	1155.000	740.950	1195.000	739.550	1197.000	739.000	1194.000
GR	727.050	1150.000	736.550	1200.000	737.050	1201.000	739.050	1202.000	737.560	1203.000
GR	740.000	1200.000	740.020	1205.000	738.620	1205.000	737.620	1207.000	735.520	1208.000
GR	736.820	1200.000	737.020	1210.000	739.020	1211.000	740.020	1212.000	741.540	1255.000
GR	733.800	1300.000	735.740	1370.000	739.000	1405.000	750.500	1474.000	0.	0.
GR	0.000	1.000	2.800	0.	15.000	0.	115.450	0.	0.	0.

X1	35.000	0.	0.	0.	55.000	55.000	55.000	1.000	0.230	0.
X2	0.	0.	1.000	743.750	751.200	0.	1.000	0.	0.	0.
X3	19.000	0.	0.	0.	0.	0.	0.	751.400	751.600	0.
OT	33.000	1000.000	750.200	748.470	1055.000	756.600	744.870	1193.000	751.400	741.970
GR	1158.000	751.400	749.650	1159.000	751.500	741.950	1190.000	751.300	742.900	1191.000
GR	751.500	743.920	1192.000	751.400	743.920	1193.000	751.300	742.900	1194.000	751.300
GR	741.900	1195.000	751.300	740.650	1196.000	751.200	749.890	1197.000	751.200	740.790
GR	1195.000	751.200	741.250	1199.000	751.200	743.220	1200.000	751.200	743.790	1201.000
GR	751.200	743.250	1202.000	751.200	741.280	1203.000	751.200	740.790	1204.000	751.200
GR	740.220	1205.000	751.200	745.250	1205.000	751.300	742.250	1207.000	751.400	743.250
GR	1204.000	751.400	743.750	1209.000	751.400	743.750	1210.000	751.400	743.250	1211.000
GR	751.400	742.250	1212.000	751.400	740.250	1255.000	752.100	741.770	1355.000	754.900

FLOOD INSURANCE ZONE DATA FOR MUDDY-F.R.R. ARCHDALE

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND			
		10%	2%	0.2%	
WF-2A/44.000 A	0.	-1.50	-.50	.30	720.75
" 43.000 B	600.	-1.72	-.52	1.08	"
HOB 40.000 C	1050.	-1.97	-.59	1.21	720.93
WF-2B 41.000 D	1550.	-2.46	-.73	1.52	721.71
WF-2B 40.000 E	2200.	-1.91	-.94	1.16	727.71
SURV 39.000 F	3100.	-1.53	-.41	.85	732.64
WF-13A 38.000 G	4600.	-1.66	-.51	1.08	745.47
WF-K 381.000 H	5400.	-1.50	-.44	.93	"
551.000	6573.	-1.50	-.44	.93	745.47
WF-15 652.000	6628.	-5.41	-2.27	3.66	745.47
WF-13 54.000 I	6800.	-5.75	-2.12	3.13	745.47
37.000 J	9050.	-2.33	-.94	2.96	742.10
WF-16A 36.000 K	10150.	-1.65	-.50	1.19	755.16
" 361.000	10324.	-1.51	-.45	1.02	"
" 352.000	10369.	-1.21	-.38	.89	"
" 52.000 L	10450.	-1.39	-.62	.54	"
" 35.000 M	11100.	-1.32	-.39	.84	"
WEIGHTED AVG FOR REACH		-2.21	-.77	1.96	

Stump gone from reach

EFF FOR THE REACH = 0.20 WITH 17.7% OF THE REACH WITHIN 1.0 FEET
 2.0% FOR THE REACH = 1.0

CONTRIBUTION TO FLOOD HAZARD FACTORS BY ELEVATION DIFFERENCES

ELEVATION DIFF. (FEET)	TOTAL LENGTH (FEET)	ELEVATION DATA		ELEV. DIFF.	NO. OF SECTIONS	PERCENT OF REACH
		10%	2%			
-1.50	1300.	719.74	720.26	-1.52	015	100.
-1.51	2600.	719.21	720.78	-1.50	015	100.
-1.52	3900.	719.89	721.31	-1.57	015	100.
-1.53	5200.	720.17	721.33	-1.54	015	100.
-1.54	6500.	720.42	722.34	-1.71	015	100.
-1.55	7800.	721.35	722.84	-1.75	015	100.
-1.56	9100.	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	-1.96	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	-1.89	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.	737.15	738.80	-1.65	-1.79	020	95.
38	4940.	737.55	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.	739.75	741.34	-1.59	-1.76	020	91.
44	5720.	740.19	741.75	-1.57	-1.76	020	91.
45	5850.	740.53	742.18	-1.65	-1.75	020	91.
46	5980.	741.05	742.61	-1.56	-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.
	6460.				SEC.	42.000	
50	6500.	742.88	744.39	-1.50	-1.73	015	92.
	6610.				SEC.	51.000	
	6720.				SEC.	52.000	
51	6830.	743.04	744.10	-3.05	-1.77	020	90.
52	6900.	744.38	744.73	-5.35	-1.83	020	92.
	6980.				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.

FLEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

WEIGHTED AVG FOR REACH 10% 2% 0.2%

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

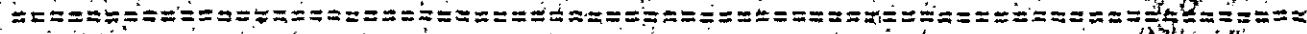
63	8190.	748.16	751.70	-3.54	-3.54	035	100.
64	8320.	748.49	751.86	-3.37	-3.46	035	100.
65	8450.	748.82	752.01	-3.19	-3.37	035	100.
66	8580.	749.15	752.17	-3.02	-3.28	035	100.
67	8710.	749.47	752.33	-2.86	-3.20	030	100.
68	8840.	749.80	752.49	-2.69	-3.11	030	100.
69	8970.	750.13	752.65	-2.52	-3.03	030	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	-2.45	025	97.
79	10270.	755.85	757.47	-1.60	-2.41	025	97.
80	10400.	757.04	758.84	-1.80	-2.30	025	95.
81	10530.	758.23	759.81	-1.58	-2.20	025	95.
82	10660.	759.41	760.48	-1.07	-2.25	025	95.
83	10790.	759.72	761.08	-1.36	-2.21	020	95.
84	10920.	760.33	761.67	-1.34	-2.17	020	95.
85	11050.	760.94	762.27	-1.33	-2.14	020	95.

FLEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

WEIGHTED AVG FOR REACH 10% 2% 0.2%

WEIGHTED AVG FOR REACH -2.14 -0.79 1.54

FHF FOR REACH 2 = 020 WITH 95% OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 4



THIS RUN EXECUTED 02/09/79 01146:57

(FW&L Floodway)

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR - 01.02
 MODIFICATION - 50,51,52,53

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

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	KVINS	R	WSEL	FO
	0.	2.	0.	0.	0.	0.	0.	0.	720.000	0.
J2	NPROF	LPLT	PREVS	KSECV	KSECH	FN	ALLDC	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	LPRINT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.	0.	0.	0.	0.	0.	0.	0.
J6	IHLFC	ICOPY								
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
CC	.125	.125	.053	.100	.300	0.	0.	0.	0.	0.
CF	3.000	1768.000	1768.000	1768.000	0.	0.	0.	0.	0.	0.
CT	0.	0.	9.100	0.	0.	0.	0.	0.	1190.000	1377.000
X1	44.000	15.000	1264.000	1245.000	0.	0.	0.	0.	0.	0.
G1	732.700	1000.000	722.900	1100.000	724.290	1112.000	724.220	1124.000	724.160	1136.000
G2	719.200	1200.000	718.400	1264.000	712.700	1269.000	712.500	1275.000	712.700	1281.000
G3	714.400	1245.000	716.900	1300.000	716.700	1360.000	724.400	1400.000	735.000	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.
G1	734.800	1000.000	724.900	1083.000	722.100	1088.000	720.600	1100.000	718.900	1200.000
G2	719.600	1224.000	719.800	1237.000	715.100	1240.000	714.400	1250.000	714.600	1260.000
G3	718.700	1264.000	719.800	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.

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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	738.760	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	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	1300.000	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	14.000	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	735.200	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	1183.000
GR	739.170	1187.000	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	737.050	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.
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	.230	0.
X2	0.	0.	1.000	743.790	751.200	0.	1.000	0.	0.	0.

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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	751.400	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	751.600	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	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	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	757.500	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	758.100	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.	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	756.330	753.590	1151.000	759.300	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

XI	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	753.750	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
XI	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.

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.

THIS RUN EXECUTED 02/09/79 01:47:20

HEC2 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	INC	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FQ
	-10.	3.	0.	0.	0.	0.	0.	0.	720.000	0.
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOD	IRW	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= 1093.00 STENCR= 1212.00

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	CWSEL	VCH	EC
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.BH. ARCHDALE

SUMMARY PRINTOUT TABLE 105

SECNO	CASEL	HL	QLOSS	TOPWID	QLOH	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	488.71	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. ARCHDALE

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	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	725.88	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	191.33	918.90	506.27	0.	0.	1228.00	1255.00	0.
381.000	744.54	.46	744.95	172.00	0.	956.67	666.33	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	953.19	651.60	180.00	1155.00	1183.00	1212.00	1335.00
552.000	749.52	0.	749.96	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	625.07	0.	0.	1161.00	1181.00	0.
54.000	750.46	.41	750.58	106.00	250.15	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	75.00	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	631.34	218.77	72.00	1115.00	1148.00	1160.00	1187.00
361.000	758.74	0.	759.23	150.39	374.57	567.11	294.32	0.	0.	1148.00	1160.00	0.
361.000	759.46	.72	759.79	112.00	429.83	629.16	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.

MILITARY USA

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

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

FLOODWAY AREA

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
44.000 A	187.	465.	3.8	720.0	720.0	0.
43.000 B	187.	806.	2.2	722.7	722.4	.3
42.000 C	85.	354.	5.0	724.4	724.1	.3
41.000 D	65.	544.	3.2	726.5	725.9	.7
40.000 E	157.	474.	3.7	728.6	728.0	.6
39.000 F	180.	480.	3.6	733.6	733.6	0.
38.000 G	179.	784.	2.1	738.7	738.3	.4
381.000 H	172.	583.	2.8	744.7	744.2	.5
551.000	180.	703.	2.3	745.4	745.0	.4
552.000	29.	316.	5.1	749.9	749.5	.4
54.000 I	106.	939.	1.7	750.5	750.1	.4
37.000 J	76.	417.	2.9	753.6	752.8	.8
36.000 K	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
52.000 L	148.	562.	2.1	760.3	759.8	.5
35.000 M	100.	418.	2.9	763.5	762.8	.7