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PROFILE
DAVIDSON CO.
THOMASVILLE, N.C.
27-20T
NANKS BRANCH

JOB NAME=ACCT ACCOUNT=RTI.A25.P0A07K

JOB TIME	TYPE	SPECIFIED	USED	NO.	EQUIVALENT	MISC. JOB VALUES		
STARTED	8/28/77 10:19:40.0	TIME	2:00.0	0:55.1	CPU	0:20.9	LINES IN 310	
EXECUTED	8/28/77 10:19:55.0	PAGES	200	94	OR EXCPS	5841	0:23.6	LINES OUT 5487
RETURNED	8/28/77 10:19:06.0	CARDS	0	0	DISK EXCPS	531	0:10.6	MEMORY TIME 27560 K-SEC
JOB FINISHED	8/28/77 10:19:06.0	PLDS	0	0	TAPE READ-WRITE		0:00.0	PRIORITY 01
					TAPE FILE SEARCH		0:00.0	APPROX. COST \$19.81

10.19.40 JOB 352 -- ROK20T -- JCL INTERPRETED, THCC CPU 82
10.19.55 JOB 352 -- ROK20T -- BEGINNING EXEC - INIT 2 - CLASS
10.19.55 JOB 352 +++++S=075.T=02,J=ROK20T 10:19:55 AM
10.21.01 JOB 352 END EXECUTION.

 HCC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 THOMASVILLE-DAVIDSON CO. STRM 27-20T HANK'S BRANCH
 T2 FLOODPLAIN STUDY AT ROYAN & DAVIDSON COUNTIES M-G JOB NO. 6916
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ICG	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-1.	2.	0.	0.	0.003000	0.0	0.0	0.	699.100	0.0
J2	APROP	IPLOT	PREVS	XSECV	XSECH	FD	LLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	39.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
JC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
JT	0.000	0.000	1410.000	1690.000	2530.000	1690.000	0.0	0.0	0.0	0.0
BT	0.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	499.000	15.000	1353.000	1350.000	430.000	400.000	400.000	0.0	0.0	0.0
GR	719.000	1982.000	715.100	1190.000	704.600	1141.000	702.100	1200.000	700.400	1300.000
GR	701.200	1525.000	694.100	1333.000	694.500	1339.000	694.600	1344.000	701.100	1355.000
GR	700.800	1400.000	702.900	1435.000	709.600	1500.000	712.100	1518.000	715.900	1600.000
BT	0.000	0.000	1410.000	1690.000	2530.000	1690.000	0.0	0.0	0.0	0.0
X1	2100.000	14.000	1270.000	1295.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
GR	724.200	1055.000	716.500	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
GR	701.100	1278.000	700.500	1294.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
GR	700.800	1302.000	707.200	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
BT	0.000	0.000	1410.000	1690.000	2530.000	1690.000	0.0	0.0	0.0	0.0
X1	2300.000	14.000	1330.000	1370.000	1200.000	1200.000	1200.000	0.0	-0.300	0.0
GR	753.000	1000.000	729.000	1100.000	723.500	1200.000	719.300	1300.000	716.300	1330.000
GR	711.200	1335.000	710.000	1346.000	710.000	1357.000	715.900	1370.000	716.700	1400.000
GR	717.700	1500.000	722.400	1600.000	729.100	1700.000	730.800	1727.000	0.0	0.0
X1	3300.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
JC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	3400.000	21.000	1430.000	1422.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	745.000	1000.000	734.300	1065.000	729.300	1165.000	724.800	1265.000	720.600	1365.000

X1	5458.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
BT	5.000	723.000	1244.000	1490.000	2065.000	1490.000	0.0	0.0	0.0	0.0
X1	6550.000	11.000	1143.000	1176.000	1092.000	1092.000	1092.000	0.0	0.0	0.0
GR	744.600	1000.000	730.700	1035.000	730.700	1100.000	729.200	1143.000	723.800	1146.000
GP	723.100	1159.000	730.700	1174.000	725.600	1176.000	730.300	1200.000	734.600	1300.000
GR	744.500	1376.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	5.000	568.000	999.000	1209.000	1708.000	1209.000	0.0	0.0	0.0	0.0

X1	7920.000	12.000	1085.000	1114.000	1370.000	1370.000	1370.000	0.0	-1.900	0.0
GR	757.000	1000.000	752.000	1043.000	742.400	1085.000	740.600	1090.000	740.000	1100.000
GR	740.400	1111.000	742.200	1114.000	753.400	1153.000	753.500	1200.000	753.900	1213.000
SR	740.100	1227.000	756.900	1282.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	7970.000	0.1	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8020.000	15.000	1322.000	1340.300	50.000	50.000	50.000	0.0	0.0	0.0
GR	765.700	1000.000	757.600	1100.000	752.900	1200.000	751.900	1177.000	742.400	1317.000
GP	740.600	1322.000	740.000	1322.000	740.000	1340.300	741.000	1340.300	742.200	1346.000
GR	753.500	1432.000	753.900	1445.000	756.900	1514.000	763.400	1600.000	765.800	1626.000
SR	1.250	1.000	2.800	0.0	16.300	1.300	142.000	0.0	0.0	0.0

SALEH STREET BALCEL 745.0 RMLV 752.2

X1	8050.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	0.0	0.0
BT	0.0	0.0	1.600	748.000	0.0	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	757.700	0.0	1100.000	757.600	0.0	1200.000	752.900	0.0
BT	1330.000	751.000	0.0	1322.000	751.700	748.000	1340.300	752.200	748.000	1400.000
BT	753.500	0.0	1500.000	757.200	0.0	1600.000	763.400	0.0	1626.000	765.800
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8110.000	12.000	1085.000	1114.000	25.000	25.000	25.000	0.0	0.500	0.0
GR	757.000	1000.000	752.000	1043.000	742.400	1085.000	740.600	1090.000	740.000	1100.000
GR	740.400	1111.000	742.200	1114.000	753.400	1153.000	753.500	1200.000	753.900	1213.000
SR	740.100	1227.000	756.900	1282.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	8135.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.500	0.0
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X1	8145.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.000	0.0
BT	0.000	442.000	797.000	976.000	1489.000	976.000	0.0	0.0	0.0	0.0

X1	8170.000	12.000	1085.000	1100.000	190.000	190.000	190.000	0.0	-0.100	0.0
GR	760.200	1000.000	755.000	1050.000	749.200	1077.000	748.200	1085.000	746.000	1087.000
GP	745.700	1092.000	745.900	1078.000	748.200	1100.000	749.800	1113.000	755.900	1126.000
GR	757.400	1200.000	764.100	1280.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	8220.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8475.000	18.000	1247.000	1257.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	770.800	1000.000	763.800	1100.000	757.600	1200.000	756.000	1210.000	749.400	1237.000

GR	748.400	1245.000	746.200	1247.000	745.600	1247.000	745.900	1257.600	746.900	1257.600
GR	748.400	1260.000	750.000	1273.000	754.600	1282.000	754.000	1300.000	752.800	1400.000
GR	753.200	1500.000	759.300	1600.000	763.000	1675.000	0.0	0.0	0.0	0.0
SR	0.900	1.500	2.500	0.0	10.600	0.600	58.000	0.0	0.0	0.0

RAND LODGE DRIVE MXLCEL 751.9 RDENV 755.8

X1	3528.000	0.0	0.0	0.0	53.000	53.000	53.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	751.900	752.800	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	770.800	0.0	1100.000	763.800	0.0	1200.000	757.600	0.0
BT	1247.000	755.000	751.900	1257.600	755.500	751.900	1300.000	754.000	0.0	1400.000
BT	752.800	0.0	1500.000	753.200	0.0	1600.000	759.300	0.0	1675.000	763.000
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8378.000	12.000	1055.000	1100.000	50.000	50.000	50.000	0.0	0.300	0.0
GR	754.200	1000.000	755.000	1080.000	749.200	1077.000	748.200	1085.000	746.000	1087.000
GR	745.700	1092.000	745.900	1098.000	748.200	1100.000	749.800	1113.000	755.900	1126.000
GR	757.400	1200.000	764.100	1280.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	8628.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
BT	5.000	400.000	739.000	908.000	1315.000	908.000	0.0	0.0	0.0	0.0

X1	9978.000	11.000	1273.000	1288.000	1342.000	1342.000	1342.000	0.0	-0.900	0.0
GR	770.100	1000.000	775.100	1100.000	772.700	1200.000	771.500	1247.000	764.200	1273.000
GR	761.900	1275.000	761.600	1279.000	762.000	1286.000	764.600	1288.000	773.100	1308.000
SR	770.100	1389.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	10030.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
VC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	10070.000	16.000	1356.000	1368.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	772.300	1000.000	773.400	1100.000	773.600	1200.000	772.300	1300.000	772.600	1311.000
GR	772.100	1350.000	764.800	1356.000	762.200	1356.000	762.200	1368.600	764.300	1368.600
GR	766.200	1371.000	773.700	1381.000	777.200	1438.000	780.800	1500.000	787.700	1600.000
SR	754.200	1617.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SR	1.250	1.500	2.500	0.0	12.600	0.600	68.800	0.0	0.0	0.0

RAND CULBERTH AVE. MXLCEL 768.1 RDENV 774.1

X1	10130.000	0.0	0.0	0.0	60.000	60.000	60.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	768.100	772.300	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	762.300	0.0	1100.000	779.400	0.0	1200.000	773.600	0.0
BT	1300.000	772.300	0.0	1356.000	773.800	768.100	1368.500	774.100	768.100	1400.000
BT	774.900	0.0	1500.000	790.800	0.0	1600.000	787.700	0.0	1617.000	789.200
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	10180.000	11.000	1273.000	1288.000	50.000	50.000	50.000	0.0	0.700	0.0
GR	774.100	1000.000	775.100	1100.000	772.700	1200.000	771.500	1247.000	764.200	1273.000
GR	761.900	1275.000	761.600	1279.000	762.000	1286.000	764.600	1288.000	773.100	1308.000
GR	770.100	1389.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	10230.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
BT	5.000	400.000	723.000	885.000	1276.000	885.000	0.0	0.0	0.0	0.0

X1	10425.000	12.000	1249.000	1265.000	195.000	195.000	195.000	0.0	-0.700	0.0
GR	783.500	1000.000	776.800	1100.000	774.800	1200.000	773.400	1237.000	768.600	1249.000
GR	766.600	1250.000	766.700	1257.000	766.800	1263.000	768.600	1265.000	771.000	1271.000
GR	772.200	1300.000	783.500	1394.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	10475.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	10525.000	17.000	1335.000	1345.600	50.000	50.000	50.000	0.0	0.0	0.0
GR	790.100	1000.000	791.800	1100.000	777.000	1200.000	774.700	1300.000	774.900	1311.000
GR	774.600	1320.000	769.800	1332.000	767.800	1335.000	767.500	1335.000	767.500	1343.600
GR	758.500	1345.600	762.800	1348.000	772.200	1354.000	773.400	1383.000	780.500	1433.600
GR	735.000	1500.000	750.100	1545.000	0.0	0.0	0.0	0.0	0.0	0.0
SR	1.250	1.500	2.500	0.0	10.600	0.600	50.000	0.0	0.0	0.0

POND BUNKE TRAIL EXCEL 773.5 RDELV 775.0

X1	10570.000	0.0	0.0	0.0	45.000	45.000	45.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	773.500	774.700	0.0	0.0	0.0	0.0	0.0
BT	9.000	1000.000	790.100	0.0	1100.000	781.800	0.0	1200.000	777.000	0.0
BT	1300.000	774.700	0.0	1335.000	775.600	773.500	1345.600	775.800	773.500	1400.000
BT	777.300	0.0	1500.000	785.000	0.0	1545.000	790.100	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	10620.000	12.000	1269.000	1265.000	50.000	50.000	50.000	0.0	2.100	0.0
GR	783.500	1000.000	776.800	1100.000	774.800	1200.000	773.400	1237.000	768.600	1249.000
GR	766.600	1250.000	766.700	1257.000	766.800	1263.000	768.600	1265.000	771.000	1271.000
GR	772.200	1300.000	783.500	1394.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	10670.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
BT	9.000	1000.000	790.100	835.000	1276.000	885.000	0.0	0.0	0.0	0.0

X1	11325.000	12.000	1112.000	1194.000	655.000	655.000	655.000	0.0	-1.300	0.0
GR	790.200	1000.000	788.200	1100.000	785.000	1168.000	781.500	1182.000	779.500	1184.000
GR	772.300	1189.000	780.000	1193.000	781.300	1194.000	784.300	1200.000	790.100	1300.000
GR	794.700	1400.000	796.200	1420.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	11375.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	11425.000	15.000	1261.000	1271.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	801.700	1000.000	794.000	1100.000	788.500	1177.000	785.200	1245.000	781.700	1259.000
GR	772.700	1261.000	779.500	1261.000	779.500	1271.500	781.500	1271.500	784.500	1277.000
GR	789.300	1359.000	790.200	1400.000	794.000	1500.000	798.500	1600.000	801.600	1646.000
SR	1.250	1.500	2.500	0.0	10.500	0.500	50.000	0.0	0.0	0.0

RECORDIAL PR OR EXCEL 785.5 RDELV 788.5

X1	11478.000	0.0	0.0	0.0	53.000	53.000	53.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	785.500	787.900	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	791.700	0.0	1100.000	794.000	0.0	1200.000	789.400	0.0
BT	1261.000	788.500	785.500	1271.500	788.300	785.500	1300.000	787.900	0.0	1400.000
BT	799.200	0.0	1500.000	794.000	0.0	1600.000	798.500	0.0	1646.000	801.600
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	11528.000	12.000	1182.000	1194.000	50.000	50.000	50.000	0.0	0.300	0.0
GR	796.200	1000.000	788.300	1100.000	785.000	1168.000	781.500	1182.000	779.500	1184.000
GR	779.300	1189.000	780.000	1193.000	781.300	1194.000	784.300	1200.000	790.100	1300.000
GR	794.700	1400.000	796.200	1420.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	11578.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
NT	5.000	338.000	410.000	751.000	1093.000	751.000	0.0	0.0	0.0	0.0

X1	13580.000	10.000	1200.000	1217.000	2002.000	2002.000	2002.000	0.0	-0.600	0.0
GR	813.900	1000.000	809.500	1100.000	804.100	1200.000	802.100	1202.000	801.700	1209.000
GR	802.300	1215.000	804.100	1217.000	808.600	1300.000	812.000	1400.000	819.000	1460.000

X1	13630.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	13630.000	12.000	1209.000	1225.600	50.000	50.000	50.000	0.0	0.0	0.0
GR	815.700	1000.000	813.200	1088.000	811.500	1198.000	805.700	1208.000	804.300	1209.000
GR	803.300	1209.000	803.300	1225.600	805.700	1225.600	809.500	1300.000	814.000	1400.000
GR	812.000	1500.000	819.000	1510.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	1.250	1.500	2.500	0.0	16.500	0.600	65.000	0.0	0.0	0.0

ROAD COX AVENUE EXCEL 807.4 RDELV 808.8

X1	13723.000	0.0	0.0	0.0	43.000	43.000	43.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	807.400	0.0	0.0	0.0	0.0	0.0	0.0
AT	2.000	1000.000	815.700	0.0	1100.000	812.900	0.0	1200.000	808.500	0.0
BT	1209.000	809.500	807.400	1225.600	805.800	807.400	1300.000	809.500	0.0	1400.000
BT	814.000	0.0	1510.000	818.000	0.0	1510.000	819.000	0.0	0.0	0.0
BC	0.050	0.050	0.050	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	13773.000	10.000	1200.000	1217.000	50.000	50.000	50.000	0.0	2.600	0.0
GR	813.900	1000.000	809.500	1100.000	804.100	1200.000	802.100	1202.000	801.700	1209.000
GR	802.300	1215.000	804.100	1217.000	808.600	1300.000	812.000	1400.000	819.000	1460.000

X1	13823.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.000	0.0
NT	5.000	275.000	805.000	628.000	930.000	628.000	0.0	0.0	0.0	0.0

X1	14356.000	15.000	1286.000	1216.000	533.000	533.000	533.000	0.0	-1.700	0.0
GR	830.800	1000.000	824.500	1100.000	822.600	1122.000	819.000	1129.000	816.800	1200.000
GR	815.600	1206.000	814.000	1208.000	813.900	1212.000	814.400	1214.000	815.400	1216.000
GR	815.300	1281.000	821.000	1286.000	823.000	1300.000	829.900	1400.000	830.600	1406.000

X1	14406.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
HL	0.025	0.025	0.025	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	14456.000	17.000	1301.500	1306.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	831.700	1000.000	829.400	1100.000	820.600	1200.000	820.800	1216.000	818.500	1221.000
GR	816.300	1292.000	815.000	1301.500	814.100	1302.200	813.400	1304.000	814.100	1305.800
GR	815.900	1306.500	817.200	1373.000	820.500	1378.000	822.500	1392.000	826.900	1393.000
GF	827.500	1400.000	828.700	1500.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.000	0.0	5.000	0.010	19.630	0.0	0.0	0.0

ROAD CULBRETH AVE EXCEL 810.4 RDELV 821.8

X1	14490.000	0.0	0.0	0.0	38.000	38.000	38.000	0.0	0.0	0.0
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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 27-20T HANK'S BRANCH
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IPR	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.003000	0.0	0.0	0.	700.100	0.0
J2	MPROF	JPLOT	PREVS	XSECV	XSECH	FN	ALLDC	TBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCHV= 0.100 CENV= 0.300
 *SECNO 400.000

SECNO	DEPTH	WSEL	CR155	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOS	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
400.00	8.00	702.10	0.0	700.10	702.66	0.56	0.0	0.0	701.80
1410.	107.	1165.	98.	108.	177.	65.	0.	0.	701.10
0.0	1.36	6.58	1.51	0.055	0.035	0.055	0.0	694.10	1199.99
0.003000	400.	400.	400.	0	0	2	0.0	221.68	1421.67

*SECNO 2100.000

2100.00	7.23	707.73	0.0	0.0	700.45	0.72	5.74	0.05	707.20
1410.	222.	1079.	109.	130.	141.	34.	13.	8.	704.10
0.07	1.71	7.66	3.24	0.055	0.035	0.055	0.035	700.50	1142.67
0.003822	1700.	1700.	1700.	3	0	0	0.0	166.17	1308.34

*SECNO 3300.000

5301 HV CHANGED MORE THAN HVIMS

SECNO	DEPTH	WSEL	CR155	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

7185 MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

3300.00	5.06	714.76	714.76	0.0	716.55	1.78	7.69	0.32	716.00
1410.	0.	1410.	0.	0.	132.	0.	19.	10.	715.60
0.11	0.0	10.72	0.0	0.055	0.035	0.055	0.035	709.70	1331.21
0.012895	1200.	1200.	1200.	9	16	0	0.0	36.94	1368.16

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 27-20T HANK'S BRANCH
 T2 FLOODPLAIN STUDY AT ROGAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.003000	0.0	0.0	0.	702.100	0.0
J2	NPROF	IPL0T	PRFVS	YSECV	XSECH	FN	ALLOC	I&W	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 3

CCHV= 0.100 CCHV= 0.300
 *SECNO 400.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST
400.00	8.33	702.43	0.0	702.10	702.39	0.56	0.0	0.0	701.80
1690.	251.	1285.	154.	150.	188.	87.	0.	0.	701.10
0.0	1.67	5.84	1.76	0.055	0.035	0.055	0.0	694.10	1192.17
0.002950	400.	400.	400.	0	0	5	0.0	235.02	1427.19

*SECNO 2100.000

2100.00	7.58	706.08	0.0	0.0	708.81	0.73	5.77	0.05	707.20
1690.	359.	1197.	134.	173.	149.	39.	15.	8.	704.10
0.07	2.07	6.01	3.44	0.055	0.035	0.055	0.035	700.50	1140.90
0.003867	1700.	1700.	1700.	3	0	0	0.0	171.37	1312.28

*SECNO 3300.000

3301 HV CHANGED MORE THAN HVINS

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST

7105 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

3300.00	5.54	715.24	715.24	0.0	717.22	1.98	7.73	0.37	716.00
1690.	0.	1690.	0.	0.	150.	0.	22.	11.	715.60
0.10	0.0	11.30	6.0	0.055	0.035	0.055	0.035	709.70	1330.74
0.012815	1200.	1200.	1200.	0	11	0	0.0	38.47	1369.21

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STG 27-20T HANK'S BRANCH
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	HINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.003000	0.0	0.0	0.	703.100	0.0
J2	MPROJ	IPLST	PREVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

#PROF 4

COHV= 0.100 CENV= 0.300
 #SECD0 400.000

SECD0	DEPTH	CNSFL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTM	ELMIN	SSTA
SLOPE	YLOBL	YCH	XLOBR	ITRIAL	IDC	ICONT	COPAR	TOPWID	ENDST
400.00	8.97	703.07	0.0	703.10	703.63	0.56	0.0	0.0	701.80
2330.	511.	1522.	297.	238.	299.	136.	0.	0.	701.10
0.0	2.15	7.29	2.18	0.055	0.035	0.055	0.0	694.10	1177.21
0.002956	400.	400.	000.	0	0	4	0.0	259.40	1436.61

#SECD0 2100.000

2100.00	8.22	700.72	0.0	0.0	709.50	0.78	5.81	0.07	707.20
2330.	675.	1442.	173.	256.	165.	53.	21.	9.	704.10
0.07	2.70	8.71	3.44	0.055	0.035	0.055	0.035	700.50	1137.58
0.003289	1700.	1700.	1700.	3	0	0	0.0	182.39	1319.97

#SECD0 3300.000

3300 HV CHANGED MORE THAN HVINS

SECD0	DEPTH	CNSFL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTM	ELMIN	SSTA
SLOPE	YLOBL	YCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

7165 MINIMUM SPECIFIC ENERGY
 # 3720 CRITICAL DEPTH ASSUMED

3300.00	6.99	716.69	716.69	0.0	718.54	1.85	6.71	0.32	716.00
2330.	3.	2284.	43.	2.	207.	25.	30.	13.	715.60
0.10	1.22	11.92	1.72	0.055	0.035	0.055	0.035	709.70	1323.05
0.004386	1200.	1200.	1200.	5	0	0	0.0	106.39	1429.44

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

	SECH0	YLCH	ELTPD	FLLC	Q	ELMIN	CMSEL	CRHS	VCH	SSTA	ENDST	AREA	DIFWSP
	400.000	400.00	0.0	0.0	630.00	694.10	701.00	0.0	5.81	1264.84	1403.30	157.74	0.0
A	400.000	400.00	0.0	0.0	1410.00	694.10	702.10	0.0	6.58	1199.99	1421.67	349.78	1.10
	400.000	400.00	0.0	0.0	1690.00	694.10	702.43	0.0	6.84	1192.17	1427.19	425.47	2.33
	400.000	400.00	0.0	0.0	2330.00	694.10	703.07	0.0	7.29	1177.21	1436.61	582.52	0.63
	2100.000	1700.00	0.0	0.0	830.00	700.50	706.64	705.20	6.81	1158.36	1306.29	141.22	0.0
B	2100.000	1700.00	0.0	0.0	1410.00	700.50	707.73	0.0	7.66	1142.67	1308.84	304.10	1.09
	2100.000	1700.00	0.0	0.0	1690.00	700.50	708.00	0.0	8.01	1140.90	1312.28	361.72	0.34
	2100.000	1700.00	0.0	0.0	2330.00	700.50	708.72	0.0	8.71	1137.58	1319.97	475.77	0.64
	3300.000	1200.00	0.0	0.0	830.00	709.70	713.71	713.53	8.76	1332.24	1365.85	94.70	0.0
	3300.000	1200.00	0.0	0.0	1410.00	709.70	714.76	714.76	10.72	1331.21	1368.16	131.56	1.05
	3300.000	1200.00	0.0	0.0	1690.00	709.70	715.24	715.24	11.30	1330.74	1369.21	149.61	0.48
	3300.000	1200.00	0.0	0.0	2330.00	709.70	716.59	716.60	11.02	1323.03	1429.44	234.86	1.45
	3350.000	50.00	0.0	0.0	830.00	709.80	714.63	0.0	6.75	1331.04	1367.64	122.98	0.0
	3350.000	50.00	0.0	0.0	1410.00	709.80	716.04	0.0	7.96	1330.06	1382.57	179.01	1.41
	3350.000	50.00	0.0	0.0	1690.00	709.80	716.63	0.0	8.32	1324.70	1412.94	218.80	0.59
	3350.000	50.00	0.0	0.0	2330.00	709.80	718.11	0.0	7.60	1309.79	1513.21	457.56	1.48
	3400.000	50.00	0.0	0.0	830.00	712.10	715.60	715.60	9.93	1397.23	1429.92	90.28	0.0
	3400.000	50.00	0.0	0.0	1410.00	712.10	716.92	716.92	11.50	1395.76	1434.10	137.20	1.32
	3400.000	50.00	0.0	0.0	1690.00	712.10	717.71	717.71	11.26	1393.90	1454.10	173.41	0.79
	3400.000	50.00	0.0	0.0	2330.00	712.10	719.17	719.17	9.72	1379.27	1568.66	354.06	1.46
	3500.000	196.00	727.50	722.10	830.00	712.10	715.75	0.0	9.44	1397.05	1430.41	95.38	0.0
	3500.000	196.00	727.50	722.10	1410.00	712.10	716.92	0.0	11.48	1395.75	1434.12	137.43	1.17
	3500.000	196.00	727.50	722.10	1690.00	712.10	717.97	0.0	10.52	1391.34	1463.70	190.38	1.04
	3500.000	196.00	727.50	722.10	2330.00	712.10	719.37	0.0	9.00	1377.34	1572.78	391.26	1.40
	3646.000	50.00	0.0	0.0	830.00	712.00	716.55	0.0	7.36	1331.72	1367.01	112.80	0.0
	3646.000	50.00	0.0	0.0	1410.00	712.00	718.07	0.0	8.28	1330.23	1376.29	170.76	1.52
	3646.000	50.00	0.0	0.0	1690.00	712.00	718.34	0.0	9.32	1329.62	1386.42	184.62	0.27
	3646.000	50.00	0.0	0.0	2330.00	712.00	719.00	719.00	11.01	1323.03	1429.64	235.06	0.66
1047	3696.000	50.00	0.0	0.0	830.00	712.60	716.81	0.0	8.21	1332.05	1366.27	101.14	0.0
	3696.000	50.00	0.0	0.0	1410.00	712.60	718.25	0.0	9.16	1330.63	1369.46	153.89	1.44
	3696.000	50.00	0.0	0.0	1690.00	712.60	718.56	0.0	10.17	1330.33	1372.43	166.23	0.31
	3696.000	50.00	0.0	0.0	2330.00	712.60	719.60	719.60	10.99	1322.95	1430.52	236.01	1.04

SEPHU	YLCH	ELTRD	ELLC	O	ELMIN	CNSL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
4500.000	500.00	0.0	0.0	790.00	713.10	720.49	0.0	5.63	1104.70	1140.43	163.94	0.0
4500.000	500.00	0.0	0.0	1370.00	713.10	722.21	0.0	7.33	1100.65	1149.01	236.73	1.73
4600.000	500.00	0.0	0.0	1640.00	713.10	722.97	0.0	7.79	1094.21	1152.75	276.47	0.75
4600.000	500.00	0.0	0.0	2250.00	713.10	724.15	0.0	8.90	1079.79	1158.60	357.68	1.19
5245.000	645.00	0.0	0.0	645.00	720.50	724.58	724.58	10.12	1077.47	1102.91	69.44	0.0
5245.000	645.00	0.0	0.0	1280.00	720.50	726.45	726.45	12.34	1074.06	1106.83	123.70	1.86
5245.000	645.00	0.0	0.0	1520.00	720.50	727.11	727.11	12.73	1072.84	1108.84	146.37	0.66
5245.000	645.00	0.0	0.0	2100.00	720.50	728.41	728.41	13.67	1070.47	1114.66	200.90	1.30
5295.000	50.00	0.0	0.0	645.00	720.60	725.71	0.0	7.58	1075.59	1105.07	97.69	0.0
5295.000	50.00	0.0	0.0	1280.00	720.60	727.78	0.0	9.55	1071.90	1113.17	168.46	2.07
5295.000	50.00	0.0	0.0	1520.00	720.60	728.42	0.0	10.05	1070.63	1118.00	196.72	0.64
5295.000	50.00	0.0	0.0	2100.00	720.60	729.75	0.0	10.97	1068.19	1128.12	268.31	1.33
5345.000	50.00	0.0	0.0	645.00	720.70	725.83	0.0	8.74	1367.00	1384.00	73.85	0.0
5345.000	50.00	0.0	0.0	1280.00	720.70	727.20	727.04	13.17	1367.00	1384.00	97.21	1.37
5345.000	50.00	0.0	0.0	1520.00	720.70	727.75	727.75	14.29	1367.00	1384.00	106.35	0.55
5345.000	50.00	0.0	0.0	2100.00	720.70	729.26	729.26	15.91	1367.00	1384.00	131.99	1.51
5358.000	13.00	731.50	730.40	645.00	720.70	725.84	0.0	8.74	1367.00	1384.00	73.79	0.0
5358.000	13.00	731.50	730.40	1280.00	720.70	727.22	0.0	13.16	1367.00	1384.00	97.25	1.38
5358.000	13.00	731.50	730.40	1520.00	720.70	727.77	0.0	14.26	1367.00	1384.00	106.62	0.55
5358.000	13.00	731.50	730.40	2100.00	720.70	729.34	0.0	15.75	1367.00	1384.00	133.31	1.57
5400.000	50.00	0.0	0.0	645.00	720.80	726.60	0.0	6.14	1075.96	1106.95	125.51	0.0
5400.000	50.00	0.0	0.0	1280.00	720.80	729.73	0.0	6.95	1068.60	1126.40	254.98	2.93
5400.000	50.00	0.0	0.0	1520.00	720.80	730.82	0.0	6.86	1069.86	1134.68	333.05	1.09
5400.000	50.00	0.0	0.0	2100.00	720.80	733.34	0.0	5.77	1066.82	1153.82	676.03	2.52
5450.000	50.00	0.0	0.0	645.00	720.90	726.93	0.0	6.10	1073.90	1107.01	126.51	0.0
5450.000	50.00	0.0	0.0	1280.00	720.90	729.82	0.0	6.95	1069.60	1126.42	255.15	2.89
5450.000	50.00	0.0	0.0	1520.00	720.90	730.89	0.0	6.87	1069.88	1134.53	330.58	1.07
5450.000	50.00	0.0	0.0	2100.00	720.90	733.57	0.0	5.84	1066.89	1153.35	667.02	2.48
5550.000	1092.00	0.0	0.0	723.00	723.10	729.69	0.0	4.65	1129.05	1196.87	182.76	0.0
5550.000	1092.00	0.0	0.0	1244.00	723.10	731.81	0.0	4.11	1032.22	1235.00	477.36	2.12
5550.000	1092.00	0.0	0.0	1490.00	723.10	732.56	0.0	3.87	1030.34	1232.36	655.96	0.75
5550.000	1092.00	0.0	0.0	2065.00	723.10	734.29	0.0	3.36	1025.97	1292.71	1060.00	1.73
7920.000	1370.00	0.0	0.0	568.00	738.10	740.97	740.97	8.48	1032.92	1116.35	68.07	0.0
7920.000	1370.00	0.0	0.0	999.00	738.10	742.05	742.05	9.95	1070.24	1120.08	108.35	1.07
7920.000	1370.00	0.0	0.0	1209.00	738.10	742.50	742.50	10.46	1076.26	1121.66	128.12	0.45
7920.000	1370.00	0.0	0.0	1708.00	738.10	743.45	743.45	11.43	1072.08	1124.98	175.07	0.96
7970.000	50.00	0.0	0.0	568.00	738.70	741.75	0.0	7.86	1082.16	1116.96	74.04	0.0
7970.000	50.00	0.0	0.0	999.00	738.70	742.65	742.65	9.92	1078.20	1120.11	108.76	0.91
7970.000	50.00	0.0	0.0	1209.00	738.70	743.10	743.10	10.45	1076.24	1121.67	128.29	0.45
7970.000	50.00	0.0	0.0	1708.00	738.70	744.03	744.03	11.49	1072.17	1124.91	173.91	0.93
8020.000	50.00	0.0	0.0	568.00	740.00	743.01	743.01	8.63	1314.43	1352.16	73.92	0.0
8020.000	50.00	0.0	0.0	999.00	740.00	744.05	744.05	9.87	1310.05	1360.08	119.61	1.04
8020.000	50.00	0.0	0.0	1209.00	740.00	744.47	744.47	10.27	1308.29	1363.26	141.55	0.42
8020.000	50.00	0.0	0.0	1708.00	740.00	745.23	745.23	11.32	1305.10	1369.03	186.56	0.76

SECNO	YLCH	ELTRD	ELLC	W	ELMIN	EWSEL	CRINS	VCH	SSTA	ENDST	AREA	DIFWSP
* 8085.000	65.00	751.30	748.00	868.00	740.00	744.20	0.0	5.31	1309.41	1361.23	127.29	0.0
* 8085.000	65.00	751.30	748.00	999.00	740.00	746.12	0.0	5.10	1301.33	1375.85	248.58	1.92
* 8085.000	65.00	751.30	748.00	1209.00	740.00	746.95	0.0	4.97	1297.83	1382.16	314.53	0.83
* 8085.000	65.00	751.30	748.00	1708.00	740.00	746.20	0.0	8.53	1300.99	1376.47	254.70	-0.75
81.100	25.00	0.0	0.0	568.00	740.50	744.07	0.0	6.42	1079.26	1118.79	93.36	0.0
81.100	25.00	0.0	0.0	999.00	740.50	745.93	0.0	6.56	1071.75	1125.24	179.01	1.86
82.100	25.00	0.0	0.0	1209.00	740.50	746.74	0.0	6.59	1068.09	1128.08	225.15	0.82
81.100	25.00	0.0	0.0	1706.00	740.50	745.85	745.85	11.44	1072.10	1124.97	174.82	-0.89
* 8135.000	25.00	0.0	0.0	568.00	741.00	744.01	0.0	7.97	1082.50	1116.85	72.51	0.0
* 8135.000	25.00	0.0	0.0	999.00	741.00	745.86	0.0	7.59	1074.23	1123.27	150.02	1.85
* 8135.000	25.00	0.0	0.0	1209.00	741.00	746.68	0.0	7.48	1070.65	1126.12	192.80	0.82
* 8135.000	25.00	0.0	0.0	1708.00	741.00	746.33	746.33	11.48	1072.16	1124.92	174.06	-0.35
* 8185.000	50.00	0.0	0.0	568.00	742.00	744.68	744.88	8.46	1082.90	1116.37	68.22	0.0
* 8185.000	50.00	0.0	0.0	999.00	742.00	745.95	745.95	9.94	1078.25	1120.08	108.42	1.07
* 8185.000	50.00	0.0	0.0	1209.00	742.00	746.40	746.40	10.46	1076.24	1121.66	128.11	0.45
* 8185.000	50.00	0.0	0.0	1706.00	742.00	747.34	747.34	11.48	1072.16	1124.92	174.09	0.94
* 8375.000	100.00	0.0	0.0	442.00	745.60	749.26	749.26	8.73	1076.33	1109.46	59.00	0.0
* 8375.000	100.00	0.0	0.0	797.00	745.60	750.49	750.49	9.92	1071.33	1114.68	106.73	1.22
* 8375.000	100.00	0.0	0.0	976.00	745.60	750.89	750.89	10.65	1069.69	1115.53	124.56	0.40
* 8375.000	100.00	0.0	0.0	1409.00	745.60	751.79	751.79	11.82	1065.99	1117.46	168.72	0.91
8425.000	50.00	0.0	0.0	442.00	745.70	750.22	0.0	6.26	1072.53	1113.89	91.25	0.0
8425.000	50.00	0.0	0.0	797.00	745.70	751.41	0.0	7.67	1067.99	1116.41	144.17	1.19
8425.000	50.00	0.0	0.0	976.00	745.70	751.90	0.0	8.19	1065.96	1117.47	169.03	0.49
8425.000	50.00	0.0	0.0	1409.00	745.70	752.86	0.0	9.31	1062.03	1119.52	221.35	0.96
8475.000	50.00	0.0	0.0	442.00	745.60	750.45	0.0	6.05	1232.70	1273.88	94.01	0.0
8475.000	50.00	0.0	0.0	797.00	745.60	751.77	0.0	6.71	1227.29	1276.47	153.75	1.32
8475.000	50.00	0.0	0.0	976.00	745.60	752.30	0.0	6.98	1225.12	1277.51	180.56	0.53
8475.000	50.00	0.0	0.0	1409.00	745.60	753.60	0.0	8.65	1219.86	1275.41	339.53	1.29
8525.000	50.00	751.30	751.30	442.00	745.60	750.50	0.0	5.93	1232.49	1273.98	96.11	0.0
8525.000	50.00	751.30	751.30	797.00	745.60	753.64	0.0	5.59	1219.43	12508.12	364.91	3.19
8525.000	50.00	751.30	751.30	976.00	745.60	753.01	0.0	5.81	1218.14	12513.28	446.18	0.31
8525.000	50.00	751.30	751.30	1409.00	745.60	754.62	0.0	8.10	1215.65	12523.27	624.36	0.61
8573.000	50.00	0.0	0.0	442.00	746.00	750.54	0.0	6.21	1072.74	1113.90	92.17	0.0
8573.000	50.00	0.0	0.0	797.00	746.00	753.22	0.0	4.75	1066.13	1120.51	248.69	3.08
8573.000	50.00	0.0	0.0	976.00	746.00	753.55	0.0	5.50	1059.05	1121.07	264.94	0.27
8573.000	50.00	0.0	0.0	1409.00	746.00	754.35	0.0	7.23	1057.15	1122.05	294.12	0.46
8625.000	50.00	0.0	0.0	442.00	746.10	750.79	0.0	5.89	1072.14	1114.25	58.27	0.0
8625.000	50.00	0.0	0.0	797.00	746.10	753.67	0.0	8.81	1060.37	1120.38	245.16	2.89
8625.000	50.00	0.0	0.0	976.00	746.10	753.95	0.0	5.54	1059.19	1121.00	262.77	0.28
8625.000	50.00	0.0	0.0	1409.00	746.10	754.46	0.0	7.22	1057.13	1122.07	294.74	0.50
8970.000	1342.00	0.0	0.0	409.00	760.70	764.14	764.	9.38	1270.00	1289.04	44.81	0.0
8970.000	1342.00	0.0	0.0	739.00	760.70	765.59	765.	10.77	1264.86	1272.84	78.47	1.44
8970.000	1342.00	0.0	0.0	966.00	760.70	766.18	766.	11.31	1262.74	1293.83	95.89	0.59
8970.000	1342.00	0.0	0.0	1315.00	760.70	767.36	767.	12.41	1258.53	1296.62	136.85	1.18

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SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
10020.000	50.00	0.0	0.0	409.00	761.30	765.04	0.0	8.43	1268.91	1289.76	50.91	0.0
10020.000	50.00	0.0	0.0	739.00	761.30	766.19	766.19	10.75	1264.84	1292.45	78.65	1.15
10020.000	50.00	0.0	0.0	908.00	761.30	766.79	766.79	11.29	1262.72	1293.85	96.14	0.60
10020.000	50.00	0.0	0.0	1315.00	761.30	767.97	767.97	12.39	1259.50	1296.64	137.14	1.18
10070.000	50.00	0.0	0.0	409.00	762.20	765.55	765.55	9.41	1353.31	1371.84	45.37	0.0
10070.000	50.00	0.0	0.0	739.00	762.20	767.03	767.03	10.50	1348.04	1375.32	79.24	1.48
10070.000	50.00	0.0	0.0	908.00	762.20	767.57	767.57	11.02	1346.13	1376.58	94.74	0.54
10070.000	50.00	0.0	0.0	1315.00	762.20	768.68	768.68	11.85	1342.19	1379.10	132.04	1.11
10130.000	50.00	772.30	758.10	409.00	762.20	769.29	0.0	7.32	1350.67	1373.58	60.70	0.0
10130.000	50.00	772.30	758.10	739.00	762.20	769.32	0.0	5.68	1339.89	1380.71	157.23	3.02
10130.000	50.00	772.30	758.10	908.00	762.20	771.40	0.0	4.45	1332.49	1385.59	254.66	2.08
10130.000	50.00	772.30	758.10	1315.00	762.20	773.63	0.0	5.88	1199.67	1390.95	497.98	2.28
10140.000	50.00	0.0	0.0	409.00	762.30	766.52	0.0	7.25	1267.26	1290.85	61.24	0.0
10140.000	50.00	0.0	0.0	739.00	762.30	769.28	0.0	6.52	1257.41	1297.36	149.06	2.76
10140.000	50.00	0.0	0.0	908.00	762.30	771.34	0.0	5.40	1250.05	1302.22	244.26	2.07
10140.000	50.00	0.0	0.0	1315.00	762.30	773.59	0.0	5.30	1192.21	1307.50	416.47	2.24
10230.000	50.00	0.0	0.0	409.00	762.40	766.95	0.0	6.54	1266.02	1291.67	69.77	0.0
10230.000	50.00	0.0	0.0	739.00	762.40	769.40	0.0	6.49	1257.33	1297.41	149.95	2.45
10230.000	50.00	0.0	0.0	908.00	762.40	771.40	0.0	5.45	1250.25	1302.09	241.42	1.99
10230.000	50.00	0.0	0.0	1315.00	762.40	773.62	0.0	5.39	1195.30	1307.32	402.03	2.22
10425.000	45.00	0.0	0.0	403.00	769.60	768.75	768.75	9.13	1246.87	1267.13	45.61	0.0
10425.000	45.00	0.0	0.0	723.00	769.60	770.03	770.03	10.74	1243.67	1270.33	75.59	1.28
10425.000	45.00	0.0	0.0	885.00	769.60	771.22	770.7	9.45	1240.68	1293.40	120.37	1.19
10425.000	45.00	0.0	0.0	1276.00	769.60	773.72	0.0	6.87	1210.10	1318.27	507.47	2.50
10475.000	45.00	0.0	0.0	403.00	769.30	769.46	769.46	9.10	1246.85	1267.15	45.79	0.0
10475.000	45.00	0.0	0.0	723.00	769.30	770.77	770.77	10.63	1243.56	1270.42	76.59	1.31
10475.000	45.00	0.0	0.0	885.00	769.30	771.45	771.45	10.76	1241.87	1281.96	98.40	0.69
10475.000	45.00	0.0	0.0	1276.00	769.30	773.61	0.0	9.51	1231.49	1311.61	251.44	2.15
10525.000	45.00	0.0	0.0	403.00	767.50	770.86	770.86	9.28	1329.31	1350.69	48.71	0.0
10525.000	45.00	0.0	0.0	723.00	767.50	772.13	772.13	10.71	1326.10	1353.82	79.33	1.25
10525.000	45.00	0.0	0.0	885.00	767.50	772.82	772.82	10.50	1324.45	1369.00	103.90	0.69
10525.000	45.00	0.0	0.0	1276.00	767.50	773.77	773.77	10.95	1322.06	1385.64	157.33	0.95
10570.000	45.00	774.70	773.50	403.00	767.50	772.15	0.0	5.93	1326.13	1353.87	79.95	0.0
10570.000	45.00	774.70	773.50	723.00	767.50	775.27	0.0	3.76	1275.30	1396.15	279.02	3.12
10570.000	45.00	774.70	773.50	885.00	767.50	776.04	0.0	3.52	1241.87	1401.57	387.08	0.77
10570.000	45.00	774.70	773.50	1276.00	767.50	776.86	0.0	3.84	1206.12	1407.36	535.50	0.82
10620.000	50.00	0.0	0.0	403.00	769.40	771.95	0.0	7.89	1245.87	1268.13	54.14	0.0
10620.000	50.00	0.0	0.0	723.00	769.40	775.11	0.0	5.68	1237.98	1306.67	187.82	3.15
10620.000	50.00	0.0	0.0	885.00	769.40	775.88	0.0	5.64	1227.00	1313.02	245.56	0.77
10620.000	50.00	0.0	0.0	1276.00	769.40	776.63	0.0	6.66	1206.94	1319.27	320.83	0.76
10670.000	50.00	0.0	0.0	403.00	769.30	772.45	772.45	9.13	1246.87	1267.13	45.63	0.0
10670.000	50.00	0.0	0.0	723.00	769.30	774.95	0.0	7.67	1240.63	1293.95	121.58	2.49
10670.000	50.00	0.0	0.0	885.00	769.30	775.73	0.0	7.51	1238.66	1304.42	169.47	0.79
10670.000	50.00	0.0	0.0	1276.00	769.30	776.42	0.0	8.94	1236.10	1310.15	217.75	0.69

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
11325.000	655.00	0.0	0.0	403.00	778.00	781.82	781.82	9.49	1175.52	1197.64	48.78	0.0
11325.000	655.00	0.0	0.0	723.00	778.00	783.28	783.28	10.73	1169.66	1204.91	88.19	1.46
11325.000	655.00	0.0	0.0	885.00	778.00	784.06	784.06	10.43	1160.59	1218.28	122.98	0.78
11325.000	655.00	0.0	0.0	1276.00	778.00	785.09	785.09	10.87	1139.30	1236.09	202.79	1.03
11375.000	50.00	0.0	0.0	403.00	778.60	782.42	782.42	9.47	1175.50	1197.65	48.87	0.0
11375.000	50.00	0.0	0.0	723.00	778.60	783.88	783.88	10.73	1169.66	1204.90	88.19	1.46
11375.000	50.00	0.0	0.0	885.00	778.60	784.64	784.64	10.49	1160.92	1218.00	122.07	0.76
11375.000	50.00	0.0	0.0	1276.00	778.60	785.70	785.70	10.84	1139.14	1236.22	203.32	1.06
11425.000	50.00	0.0	0.0	403.00	779.50	785.05	785.05	9.44	1253.59	1274.34	47.85	0.0
11425.000	50.00	0.0	0.0	723.00	779.50	784.42	784.42	10.65	1248.11	1276.96	81.81	1.37
11425.000	50.00	0.0	0.0	885.00	779.50	785.08	785.08	10.61	1245.47	1286.81	104.54	0.66
11425.000	50.00	0.0	0.0	1276.00	779.50	786.18	786.18	10.44	1224.75	1305.40	170.74	1.10
11478.000	53.00	787.90	785.50	403.00	779.50	784.06	0.0	6.62	1249.48	1276.23	72.28	0.0
11478.000	53.00	787.90	785.50	723.00	779.50	787.68	0.0	3.19	1189.68	1334.12	362.30	3.81
11478.000	53.00	787.90	785.50	885.00	779.50	788.95	0.0	2.69	1170.77	1352.02	535.91	1.06
11478.000	53.00	787.90	785.50	1276.00	779.50	789.80	0.0	2.90	1158.78	1381.43	706.22	0.86
11528.000	50.00	0.0	0.0	403.00	779.60	784.07	0.0	7.63	1272.91	1198.94	64.45	0.0
11528.000	50.00	0.0	0.0	723.00	779.60	787.85	0.0	4.26	1115.52	1255.98	339.66	3.78
11528.000	50.00	0.0	0.0	885.00	779.60	788.92	0.0	3.74	1095.95	1274.48	511.70	1.07
11528.000	50.00	0.0	0.0	1276.00	779.60	789.77	0.0	4.19	1085.16	1289.17	674.74	0.85
11578.000	50.00	0.0	0.0	403.00	779.70	784.51	0.0	6.86	1171.50	1199.64	73.82	0.0
11578.000	50.00	0.0	0.0	723.00	779.70	787.68	0.0	4.37	1117.08	1254.67	329.11	3.37
11578.000	50.00	0.0	0.0	885.00	779.70	788.94	0.0	3.84	1097.02	1273.03	496.79	1.06
11578.000	50.00	0.0	0.0	1276.00	779.70	789.77	0.0	4.28	1086.21	1287.74	657.91	0.85
13530.000	50.00	0.0	0.0	336.00	801.10	804.11	804.11	7.82	1189.51	1228.22	48.74	0.0
13530.000	50.00	0.0	0.0	610.00	801.10	805.18	805.18	8.32	1171.04	1247.99	110.71	1.07
13530.000	50.00	0.0	0.0	751.00	801.10	805.52	805.52	8.73	1165.18	1254.24	138.84	0.54
13530.000	50.00	0.0	0.0	1093.00	801.10	806.16	806.16	9.54	1154.16	1266.04	203.15	0.64
13530.000	50.00	0.0	0.0	336.00	801.70	804.71	804.71	7.82	1189.53	1228.20	48.75	0.0
13530.000	50.00	0.0	0.0	610.00	801.70	805.78	805.78	8.32	1171.54	1247.98	110.70	1.07
13530.000	50.00	0.0	0.0	751.00	801.70	806.13	806.13	8.68	1165.02	1254.42	139.75	0.35
13530.000	50.00	0.0	0.0	1093.00	801.70	806.76	806.76	9.55	1154.19	1266.00	202.90	0.64
13680.000	50.00	0.0	0.0	336.00	807.30	805.60	805.60	8.81	1208.07	1225.60	38.77	0.0
13680.000	50.00	0.0	0.0	610.00	807.30	807.09	807.09	7.93	1194.08	1252.76	100.33	1.49
13680.000	50.00	0.0	0.0	751.00	807.30	807.41	807.41	8.24	1178.45	1259.16	124.80	0.33
13680.000	50.00	0.0	0.0	1093.00	807.30	807.98	807.98	8.97	1168.62	1270.32	176.82	0.57
13723.000	43.00	807.50	807.40	336.00	803.30	806.21	0.0	6.79	1199.28	1235.50	54.15	0.0
13723.000	43.00	807.50	807.40	610.00	803.30	808.91	0.0	3.23	1152.67	1288.43	286.64	2.70
13723.000	43.00	807.50	807.40	751.00	803.30	809.46	0.0	3.15	1143.23	1299.15	366.47	0.55
13723.000	43.00	807.50	807.40	1093.00	803.30	810.18	0.0	3.37	1130.69	1315.20	490.27	0.73
13773.000	50.00	0.0	0.0	336.00	804.30	807.31	807.31	7.82	1189.51	1228.23	48.76	0.0
13773.000	50.00	0.0	0.0	610.00	804.30	808.46	808.46	7.95	1169.40	1249.73	118.16	1.16
13773.000	50.00	0.0	0.0	751.00	804.30	809.15	0.0	7.16	1157.66	1262.30	181.16	0.69
13773.000	50.00	0.0	0.0	1093.00	804.30	809.88	0.0	7.69	1145.18	1275.64	266.22	0.72

SECNO	YLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
13823.000	50.00	0.0	0.0	338.00	805.30	808.31	808.31	7.82	1189.52	1228.21	48.72	0.0
13823.000	50.00	0.0	0.0	610.00	805.30	809.39	809.39	8.29	1170.91	1248.12	111.26	1.08
13823.000	50.00	0.0	0.0	751.00	805.30	809.72	809.72	8.72	1165.16	1254.27	138.93	0.33
13823.000	50.00	0.0	0.0	1093.00	805.30	810.35	810.35	9.59	1154.35	1265.84	201.90	0.53
14355.000	533.00	0.0	0.0	275.00	812.20	815.33	815.33	7.34	1192.52	1252.58	62.52	0.0
14355.000	533.00	0.0	0.0	505.00	812.20	816.06	816.06	8.26	1169.06	1268.87	120.64	0.73
14355.000	533.00	0.0	0.0	628.00	812.20	816.26	816.26	9.02	1162.44	1273.47	142.26	0.21
14355.000	533.00	0.0	0.0	930.00	812.20	816.86	816.86	9.17	1143.12	1281.49	217.85	0.60
14406.000	50.00	0.0	0.0	275.00	812.80	815.94	815.94	7.30	1192.30	1252.73	62.94	0.0
14406.000	50.00	0.0	0.0	505.00	812.80	816.64	816.64	8.36	1169.66	1268.46	118.80	0.70
14406.000	50.00	0.0	0.0	628.00	812.80	816.91	816.91	8.78	1161.04	1274.44	147.14	0.27
14406.000	50.00	0.0	0.0	930.00	812.80	817.36	817.36	9.61	1146.57	1281.29	203.25	0.45
14456.000	50.00	0.0	0.0	275.00	813.40	817.16	817.16	6.99	1264.14	1350.72	65.39	0.0
14456.000	50.00	0.0	0.0	505.00	813.40	817.56	817.56	7.93	1251.30	1364.64	105.14	0.40
14456.000	50.00	0.0	0.0	628.00	813.40	817.71	817.71	8.36	1246.39	1369.97	123.19	0.15
14456.000	50.00	0.0	0.0	930.00	813.40	818.06	818.06	8.57	1235.24	1373.48	168.78	0.75
14494.000	50.00	820.60	818.40	275.00	813.40	817.17	0.0	6.97	1264.07	1350.79	65.56	0.0
14494.000	50.00	820.60	818.40	505.00	813.40	817.56	0.0	7.91	1251.23	1364.72	105.39	0.40
14494.000	50.00	821.60	818.40	628.00	813.40	817.72	0.0	8.34	1246.31	1370.06	123.49	0.15
14494.000	50.00	820.60	818.40	930.00	813.40	823.06	0.0	0.92	1171.97	1392.13	1055.63	5.34
14544.000	50.00	0.0	0.0	275.00	815.90	817.52	0.0	5.24	1176.57	1263.66	94.90	0.0
14544.000	50.00	0.0	0.0	505.00	815.90	817.81	817.71	7.58	1157.31	1270.07	126.12	0.29
14544.000	50.00	0.0	0.0	628.00	815.90	818.32	818.07	7.71	1160.67	1274.70	148.44	0.21
14544.000	50.00	0.0	0.0	930.00	815.90	821.06	0.0	1.62	1115.70	1300.83	946.75	5.04
14594.000	50.00	0.0	0.0	275.00	814.40	817.58	817.53	7.04	1190.61	1253.90	66.17	0.0
14594.000	50.00	0.0	0.0	505.00	814.40	818.26	818.26	8.28	1169.16	1268.80	120.32	0.67
14594.000	50.00	0.0	0.0	628.00	814.40	818.07	818.47	6.99	1162.30	1273.57	142.75	0.21
14594.000	50.00	0.0	0.0	930.00	814.40	823.06	0.0	2.02	1122.08	1296.92	857.76	4.59
14704.000	310.00	0.0	0.0	211.00	817.90	821.31	821.31	7.01	1199.81	1239.86	41.22	0.0
14704.000	310.00	0.0	0.0	397.00	817.90	822.16	822.16	7.66	1175.54	1260.35	94.27	0.85
14704.000	310.00	0.0	0.0	500.00	817.90	822.44	822.44	8.06	1167.46	1267.17	120.35	0.28
14704.000	310.00	0.0	0.0	756.00	817.90	822.91	822.91	9.16	1154.12	1273.44	172.67	0.47
14754.000	50.00	0.0	0.0	211.00	818.60	822.00	822.00	7.03	1199.92	1239.77	41.08	0.0
14754.000	50.00	0.0	0.0	397.00	818.60	822.85	822.85	7.67	1175.59	1260.31	94.12	0.85
14754.000	50.00	0.0	0.0	500.00	818.60	823.13	823.13	8.12	1167.81	1266.88	119.14	0.27
14754.000	50.00	0.0	0.0	756.00	818.60	823.63	823.63	9.01	1153.32	1279.11	176.15	0.51
15004.000	50.00	0.0	0.0	211.00	819.50	823.42	823.42	6.70	1286.92	1349.77	49.05	0.0
15004.000	50.00	0.0	0.0	397.00	819.50	823.84	823.84	7.88	1274.54	1360.97	80.78	0.43
15004.000	50.00	0.0	0.0	500.00	819.50	824.08	824.08	7.81	1267.66	1367.19	102.73	0.24
15004.000	50.00	0.0	0.0	756.00	819.50	824.46	824.46	8.34	1256.67	1377.12	144.13	0.38
15044.000	42.00	826.40	824.80	211.00	819.50	823.42	0.0	6.69	1286.87	1349.82	49.18	0.0
15044.000	42.00	826.40	824.80	397.00	819.50	823.84	0.0	7.86	1274.47	1361.03	80.92	0.43
15044.000	42.00	826.40	824.80	500.00	819.50	824.08	0.0	7.79	1267.59	1367.24	102.95	0.24
15044.000	42.00	826.40	824.80	756.00	819.50	828.24	0.0	0.91	1119.73	1474.45	1052.23	4.16

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	WSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
15096.000	50.00	0.0	0.0	211.00	819.50	823.87	0.0	3.78	1172.20	1263.17	104.53	0.0
15096.000	50.00	0.0	0.0	397.00	819.50	824.32	0.0	5.39	1159.50	1273.89	150.17	0.45
15096.000	50.00	0.0	0.0	500.00	819.50	824.45	0.0	6.26	1155.69	1277.11	165.89	0.13
15096.000	50.00	0.0	0.0	756.00	819.50	828.24	0.0	1.58	1070.54	1372.34	1019.41	3.79
15146.000	50.00	0.0	0.0	211.00	819.50	823.97	0.0	3.55	1169.36	1265.56	113.83	0.0
15146.000	50.00	0.0	0.0	397.00	819.50	824.53	0.0	4.74	1153.37	1279.07	175.95	0.55
15146.000	50.00	0.0	0.0	500.00	819.50	824.73	0.0	5.31	1147.61	1293.92	202.52	0.21
15146.000	50.00	0.0	0.0	756.00	819.50	828.24	0.0	1.58	1070.49	1372.38	1020.44	3.51

SUMMARY OF ERRORS

CAUTION SECNO= 3300.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SLCNO= 3300.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3300.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3300.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3300.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3300.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 3400.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3400.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3400.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 3400.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3400.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3400.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 3400.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3400.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3400.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 3400.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3400.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3400.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 3596.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 3596.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO= 3596.000 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 3646.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3646.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 3696.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3696.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 5245.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5245.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 5245.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 5245.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5245.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 5245.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 5245.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5245.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 5245.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 5245.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5245.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 5245.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION	SECNO= 5345.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 5345.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 5345.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 5345.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 5345.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 5345.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 7920.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7920.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 7920.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 7920.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7920.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 7920.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 7920.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7920.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 7920.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 7920.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7920.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 7920.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 7970.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7970.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 7970.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7970.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 7970.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 7970.000	PROFILE= 4	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8020.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8020.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8020.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8020.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8020.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8020.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8020.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8020.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8020.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8020.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8020.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8020.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8085.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SECNO= 8085.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECNO= 8085.000	PROFILE= 3	HYDRAULIC JUMP D.S.
CAUTION	SECNO= 81.100	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 81.100	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 81.100	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8135.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8135.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8135.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8185.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8185.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8185.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8185.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8185.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8185.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8185.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8185.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8185.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 8185.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 8185.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 8375.000	PROFILE= 1	CRITICAL DEPTH ASSUMED

CAUTION SECNO= 8375.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 8375.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8375.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 8375.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 8375.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8375.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 8375.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 8375.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8375.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 8375.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 8528.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO= 8528.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO= 8528.000 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 9970.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 9970.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 9970.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 9970.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 9970.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 9970.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 9970.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 9970.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 9970.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 9970.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 9970.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 9970.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=10020.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10020.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10020.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10020.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10020.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10020.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=10070.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10070.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10070.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10070.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10070.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=10070.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10070.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10070.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=10070.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10070.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=10130.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO=10130.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO=10130.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO=10130.000 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO=10425.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10425.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10425.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=10425.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10425.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10425.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=10475.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10475.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10475.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10475.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=10525.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10525.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10525.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=10525.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10525.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10525.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=10525.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10525.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10525.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=10525.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10525.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10525.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=10570.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO=10570.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO=10570.000 PROFILE= 3 HYDRAULIC JUMP D.S.

CAUTION SECNO=10670.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10670.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=11325.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11325.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11325.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11325.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11325.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=11325.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11325.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11325.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=11325.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11325.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11325.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=11375.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11375.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11375.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11375.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11375.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11375.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11375.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11375.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11375.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=11425.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11425.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11425.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11425.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11425.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11425.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11425.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=11425.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=11425.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=11475.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO=11475.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO=11475.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO=11475.000 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO=13580.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=13580.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=13580.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=13580.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=13580.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=13580.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=13580.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=13580.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=13580.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=13580.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=13580.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=14406.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION	SECNO=14406.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14456.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14456.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14456.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14456.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14456.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14456.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14456.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14456.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14456.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14456.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14456.000	PROFILE= 4	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14544.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14544.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14594.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14594.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14594.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14594.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14904.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14904.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14904.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14904.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14904.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14904.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14904.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14904.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14904.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14904.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14954.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14954.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14954.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14954.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14954.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14954.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14954.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14954.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14954.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14954.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14954.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=15004.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=15004.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=15004.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=15004.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=15004.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=15004.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=15004.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=15004.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL

10101

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10f	2f	0.2f
400.000	0.	-1.4	-0.3	0.6
2100.000	1700.	-1.4	-0.3	0.6
3300.000	2900.	-1.5	-0.5	1.5
3350.000	2950.	-2.0	-0.6	1.5
3400.000	3000.	-2.1	-0.8	1.5
3596.000	3156.	-2.2	-1.0	1.4
3646.000	3246.	-1.8	-0.3	0.7
3696.000	3296.	-1.8	-0.3	1.0
4600.000	4196.	-2.5	-0.8	1.2
5245.000	4841.	-2.5	-0.7	1.3
5295.000	4891.	-2.7	-0.6	1.3
5345.000	4941.	-1.9	-0.5	1.5
5358.000	4954.	-1.0	-0.6	1.6
5408.000	5004.	-4.0	-1.1	2.5
5458.000	5054.	-4.0	-1.1	2.5
6550.000	6146.	-2.0	-0.8	1.7
7920.000	7516.	-1.5	-0.5	1.0
7970.000	7566.	-1.4	-0.4	0.9
8020.000	7616.	-1.5	-0.4	0.8
8085.000	7681.	-2.5	-0.8	-0.7
81.100	7706.	-2.7	-0.8	-0.9
8135.000	7731.	-2.7	-0.8	-0.3
8185.000	7781.	-1.0	-0.5	0.9
8375.000	7971.	-1.6	-0.4	0.9
8425.000	8021.	-1.7	-0.5	1.0
8475.000	8071.	-1.9	-0.5	1.3
8528.000	8124.	-3.5	-0.3	0.6
8578.000	8174.	-3.3	-0.3	0.5
8628.000	8224.	-3.2	-0.3	0.5
9970.000	9566.	-2.8	-0.5	1.2
10020.000	9616.	-1.7	-0.6	1.2
10070.000	9666.	-2.8	-0.5	1.1
10130.000	9726.	-5.1	-2.1	2.3
10180.000	9776.	-4.0	-2.1	2.2
10230.000	9826.	-4.0	-2.0	2.2
10425.000	10021.	-2.5	-1.2	2.5
10475.000	10071.	-2.0	-0.7	2.2
10525.000	10121.	-1.9	-0.7	1.0
10570.000	10166.	-3.9	-0.8	0.8
10620.000	10216.	-3.0	-0.8	0.6
10670.000	10266.	-3.3	-0.8	0.7
11325.000	10921.	-2.2	-0.8	1.0
11375.000	10971.	-2.2	-0.8	1.1
11425.000	11021.	-2.0	-0.7	1.1
11478.000	11074.	-4.0	-1.1	0.9
11528.000	11124.	-4.0	-1.1	0.9
11578.000	11174.	-4.0	-1.1	0.9
13580.000	13176.	-1.4	-0.3	0.6
13630.000	13226.	-1.4	-0.3	0.6
13680.000	13276.	-1.5	-0.3	0.6

13723.000	-3.3	-0.5	0.7
13773.000	-1.8	-0.7	0.7
13823.000	-1.4	-0.3	0.6
14356.000	-0.9	-0.2	0.6
14406.000	-1.0	-0.3	0.4
14456.000	-0.6	-0.2	0.3
14494.000	-0.6	-0.2	5.3
14544.000	-0.5	-0.2	5.0
14594.000	-0.9	-0.2	4.6
14904.000	-1.1	-0.3	0.5
14954.000	-1.1	-0.3	0.5
15004.000	-0.7	-0.2	0.4
15046.000	-0.7	-0.2	4.2
15096.000	-0.6	-0.1	3.8
15146.000	-0.0	-0.2	3.5

WEIGHTED AVG FOR REACH	-2.3	-0.6	1.1

FHF FOR THE REACH = 025 WITH 78.80 OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A 5

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION 100'	IC	DATA DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
1	100.	702.6		-1.4	-1.4	015	400.000
2	200.	702.9		-1.4	-1.4	015	100.
3	300.	703.3		-1.4	-1.4	015	100.
4	400.	703.6		-1.4	-1.4	015	100.
5	500.	703.9		-1.4	-1.4	015	100.
6	500.	704.2		-1.4	-1.4	015	100.
7	700.	704.6		-1.4	-1.4	015	100.
8	800.	704.9		-1.4	-1.4	015	100.
9	900.	705.3		-1.4	-1.4	015	100.
10	1000.	705.6		-1.4	-1.4	015	100.
11	1100.	705.9		-1.4	-1.4	015	100.
12	1200.	706.2		-1.4	-1.4	015	100.
13	1300.	706.6		-1.4	-1.4	015	100.
14	1400.	706.9		-1.4	-1.4	015	100.
15	1500.	707.2		-1.4	-1.4	015	100.
16	1600.	707.6		-1.4	-1.4	015	100.
17	1700.	707.9		-1.4	-1.4	015	2100.000
18	1900.	708.4		-1.4	-1.4	015	100.
19	1900.	709.0		-1.4	-1.4	015	100.
20	2000.	709.6		-1.5	-1.4	015	100.
21	2100.	710.2		-1.5	-1.4	015	100.
22	2200.	710.8		-1.5	-1.4	015	100.
23	2300.	711.4		-1.5	-1.4	015	100.
24	2400.	712.0		-1.5	-1.4	015	100.
25	2500.	712.6		-1.5	-1.4	015	100.
26	2600.	713.2		-1.5	-1.4	015	100.
27	2700.	713.7		-1.5	-1.4	015	100.
28	2800.	714.3		-1.5	-1.5	015	100.
29	2900.	714.9		-1.5	-1.5	015	3300.000
30	2950.	715.5		-1.8	-1.5	015	3350.000

	3000.					SEC.	3400.000	
31	3100.	715.6	717.8	-2.1	-1.5	015	97.	
	3196.					SEC.	3596.000	
32	3200.	715.7	727.9	-2.2	-1.5	015	94.	
	3246.					SEC.	3646.000	
	3296.					SEC.	3696.000	
33	3300.	716.8	718.6	-1.8	-1.5	015	94.	
34	3400.	717.8	718.8	-1.8	-1.5	015	94.	
35	3500.	717.4	719.3	-1.9	-1.5	015	94.	
36	3600.	717.8	719.8	-2.0	-1.5	015	94.	
37	3700.	718.3	720.3	-2.0	-1.6	015	95.	
38	3800.	716.7	720.8	-2.1	-1.6	015	92.	
39	3900.	719.1	721.3	-2.2	-1.6	015	90.	
40	4000.	719.5	721.6	-2.3	-1.6	015	88.	
41	4100.	719.9	722.3	-2.4	-1.6	015	88.	
	4196.					SEC.	4600.000	
42	4200.	720.3	722.7	-2.4	-1.6	015	88.	
43	4300.	720.8	723.3	-2.5	-1.7	015	86.	
44	4400.	721.5	724.0	-2.5	-1.7	015	86.	
45	4500.	722.1	724.6	-2.5	-1.7	015	87.	
46	4600.	722.7	725.2	-2.5	-1.7	015	85.	
47	4700.	723.4	725.9	-2.5	-1.7	015	83.	
48	4800.	724.0	726.5	-2.5	-1.8	020	81.	
	4841.					SEC.	5245.000	
	4891.					SEC.	5295.000	
49	4900.	725.7	728.4	-2.6	-1.8	020	80.	
	4941.					SEC.	5345.000	
	4954.					SEC.	5358.000	
50	5000.	726.3	729.2	-2.9	-1.8	020	80.	
	5004.					SEC.	5408.000	
	5054.					SEC.	5458.000	
51	5100.	727.8	730.9	-3.9	-1.8	020	78.	
52	5200.	727.2	731.0	-3.9	-1.9	020	79.	
53	5300.	727.6	731.2	-3.8	-1.9	020	77.	
54	5400.	727.7	731.3	-3.7	-1.9	020	44.	
55	5500.	727.9	731.5	-3.6	-2.0	020	36.	
56	5600.	728.2	731.6	-3.5	-2.0	020	36.	
57	5700.	728.4	731.8	-3.4	-2.0	020	88.	
58	5800.	728.7	732.0	-3.3	-2.0	020	86.	
59	5900.	728.9	732.1	-3.2	-2.1	020	85.	
60	6000.	729.2	732.3	-3.1	-2.1	020	85.	
61	6100.	729.4	732.5	-3.0	-2.1	020	85.	
	6146.					SEC.	6550.000	
62	6200.	729.9	732.7	-2.9	-2.1	020	85.	
63	6300.	730.5	733.2	-2.8	-2.1	020	86.	
64	6400.	731.4	734.0	-2.7	-2.1	020	86.	
65	6500.	732.2	734.8	-2.6	-2.1	020	86.	
66	6600.	733.0	735.5	-2.5	-2.1	020	86.	
67	6700.	733.8	736.2	-2.4	-2.1	020	87.	
68	6800.	734.7	736.9	-2.3	-2.1	020	87.	
69	6900.	735.5	737.7	-2.2	-2.1	020	97.	
70	7000.	736.3	738.4	-2.1	-2.1	020	87.	
71	7100.	737.1	739.1	-2.0	-2.1	020	87.	
72	7200.	738.0	739.8	-1.9	-2.1	020	88.	
73	7300.	738.8	740.6	-1.8	-2.1	020	88.	
74	7400.	739.6	741.3	-1.7	-2.1	020	88.	
75	7500.	740.4	742.0	-1.6	-2.1	020	88.	
	7516.					SEC.	7920.000	
	7566.					SEC.	7970.000	
76	7600.	742.2	743.6	-1.4	-2.1	020	88.	
	7616.					SEC.	8020.000	
	7681.					SEC.	8085.000	
77	7700.	744.2	746.9	-2.7	-2.1	020	88.	
	7706.					SEC.	81.100	
	7731.					SEC.	8135.000	
						SEC.	8185.000	

78	7800.	745.1	746.6	-1.5	-2.1	020	88.
79	7900.	746.5	748.0	-1.6	-2.1	020	89.
	7971.					SEC. 8375.000	
80	8000.	748.7	750.3	-1.6	-2.1	020	89.
	8021.					SEC. 8425.000	
	8071.					SEC. 8475.000	
81	8100.	750.5	752.8	-2.3	-2.1	020	89.
	8124.					SEC. 8528.000	
	8174.					SEC. 8578.000	
82	8200.	750.6	753.9	-3.3	-2.1	020	86.
	8224.					SEC. 8628.000	
83	8300.	751.1	754.3	-3.2	-2.1	020	87.
84	8400.	752.0	755.1	-3.1	-2.1	020	87.
85	8500.	753.0	756.0	-3.0	-2.1	020	87.
86	8600.	754.0	756.9	-2.9	-2.2	020	87.
87	8700.	755.0	757.0	-2.8	-2.2	020	87.
88	8800.	756.0	758.7	-2.7	-2.2	020	89.
89	8900.	757.0	759.7	-2.6	-2.2	020	89.
90	9000.	758.0	760.6	-2.6	-2.2	020	90.
91	9100.	759.0	761.5	-2.5	-2.2	020	90.
92	9200.	760.0	762.4	-2.4	-2.2	020	90.
93	9300.	761.0	763.3	-2.3	-2.2	020	90.
94	9400.	762.0	764.2	-2.2	-2.2	020	90.
95	9500.	763.0	765.1	-2.1	-2.2	020	91.
	9566.					SEC. 9970.000	
96	9600.	764.1	766.1	-2.0	-2.2	020	91.
	9616.					SEC. 10020.000	
	9666.					SEC. 10070.000	
97	9700.	765.0	768.7	-2.9	-2.2	020	91.
	9726.					SEC. 10130.000	
	9776.					SEC. 10180.000	
98	9800.	766.6	771.4	-4.7	-2.2	020	90.
	9826.					SEC. 10230.000	
99	9900.	767.2	771.3	-4.2	-2.2	020	89.
100	10000.	768.1	771.3	-3.2	-2.2	020	89.
	10021.					SEC. 10425.000	
	10071.					SEC. 10475.000	
101	10100.	769.9	771.8	-2.0	-2.2	020	89.
	10121.					SEC. 10525.000	
	10166.					SEC. 10570.000	
102	10200.	772.1	776.0	-3.9	-2.3	025	88.
	10216.					SEC. 10620.000	
	10266.					SEC. 10670.000	
103	10300.	772.7	775.9	-3.3	-2.3	025	89.
104	10400.	773.7	776.8	-3.1	-2.3	025	89.
105	10500.	775.1	778.1	-3.0	-2.3	025	90.
106	10600.	776.5	779.3	-2.8	-2.3	025	90.
107	10700.	777.9	780.6	-2.7	-2.3	025	90.
108	10800.	779.4	781.9	-2.5	-2.3	025	90.
109	10900.	780.8	783.2	-2.4	-2.3	025	90.
	10921.					SEC. 11325.000	
	10971.					SEC. 11375.000	
110	11000.	782.6	784.8	-2.2	-2.3	025	90.
	11021.					SEC. 11425.000	
	11074.					SEC. 11478.000	
111	11100.	784.1	788.9	-4.9	-2.3	025	90.
	11124.					SEC. 11528.000	
	11174.					SEC. 11578.000	
112	11200.	784.6	789.0	-4.4	-2.3	025	89.
113	11300.	785.3	789.6	-4.3	-2.4	025	88.
114	11400.	786.2	790.4	-4.2	-2.4	025	89.
115	11500.	787.2	792.2	-4.0	-2.4	025	88.
116	11600.	788.2	792.1	-3.9	-2.4	025	86.
117	11700.	789.2	792.9	-3.7	-2.4	025	85.
118	11800.	790.1	793.7	-3.6	-2.4	025	85.
						SEC. 11578.000	

120	12000.	792.1	795.4	-3.3	-2.4	025	85.
121	12100.	793.1	796.2	-3.1	-2.4	025	70.
122	12200.	794.1	797.0	-3.0	-2.4	025	70.
123	12300.	795.0	797.6	-2.8	-2.4	025	71.
124	12400.	796.0	798.7	-2.7	-2.4	025	70.
125	12500.	797.0	799.5	-2.5	-2.4	025	70.
126	12600.	798.0	800.3	-2.4	-2.4	025	71.
127	12700.	799.0	801.2	-2.2	-2.4	025	72.
128	12800.	799.9	802.0	-2.1	-2.4	025	72.
129	12900.	800.9	802.8	-1.9	-2.4	025	73.
130	13000.	801.2	803.6	-1.8	-2.4	025	86.
131	13100.	802.9	804.5	-1.6	-2.4	025	86.
	13176.					SEC. 13580,000	
132	13200.	803.9	805.3	-1.5	-2.4	025	86.
	13226.					SEC. 13630,000	
	13276.					SEC. 13680,000	
133	13300.	805.8	808.0	-2.2	-2.4	025	86.
	13319.					SEC. 13723,000	
	13369.					SEC. 13773,000	
134	13400.	807.6	809.3	-1.7	-2.4	025	87.
	13419.					SEC. 13823,000	
135	13500.	808.7	810.1	-1.5	-2.4	025	86.
136	13600.	810.0	811.3	-1.3	-2.4	025	85.
137	13700.	811.4	812.6	-1.2	-2.4	025	85.
138	13800.	812.7	813.8	-1.1	-2.4	025	85.
139	13900.	814.0	815.0	-1.0	-2.4	025	84.
	13952.					SEC. 14356,000	
140	14000.	815.3	816.3	-1.0	-2.4	025	83.
	14002.					SEC. 14406,000	
	14052.					SEC. 14456,000	
	14090.					SEC. 14494,000	
141	14100.	817.2	817.7	-0.5	-2.3	025	82.
	14140.					SEC. 14544,000	
	14190.					SEC. 14594,000	
142	14200.	817.6	818.5	-0.9	-2.3	025	82.
143	14300.	818.3	819.2	-0.9	-2.3	025	81.
144	14400.	819.5	820.5	-1.0	-2.3	025	81.
	14500.					SEC. 14900,000	
145	14500.	820.7	821.8	-1.1	-2.3	025	80.
	14550.					SEC. 14951,000	
146	14600.	822.4	823.3	-0.9	-2.3	025	79.
	14600.					SEC. 15004,000	
	14642.					SEC. 15046,000	
	14692.					SEC. 15096,000	
147	14700.	823.9	824.5	-0.6	-2.3	025	79.
	14742.					SEC. 15146,000	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 204 WHERE N IS THE NUMBER OF REACHES ADD THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLEC 202 145 147
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

SD
-520
82

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EJ

 NEED RELEASE DATED NOV 76 (UPDATED) FEB 1977
 EMPOR CORR - 01
 MODIFICATION - 50, 11, 52

T1 THOMASVILLE-DAVIDSON CO. STR 27-2JT HANK'S BRANCH
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

ST	CHECK	INC	MINV	MAXV	STRE	METRIC	HVINS	Q	WSEL	FQ
01	-1.	0.	0.	0.	0.0	0.0	0.0	0.	702.430	0.0
ST	PROP	INLET	PREVS	XSECV	XSECH	FB	ALLDC	ISU	CHNIM	ITRACE
02	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ST	VARIABLE CODES FOR SUMMARY PRINTOUT									
03	30.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	23.000
04	50.000	51.000	50.000	0.0	200.000	0.0	0.0	0.0	0.0	0.0
05	0.000	0.000	0.000	0.100	0.300	0.0	0.0	0.0	0.0	0.0
06	0.000	0.000	1010.000	1220.000	1330.000	1690.000	0.0	0.0	0.0	0.0
07	0.000	0.0	0.0	0.0	0.0	-8.400	0.0	0.0	0.0	0.0
08	811.000	15.000	1223.000	1346.000	400.000	400.000	400.000	0.0	0.0	0.0
09	717.000	1082.000	715.100	1100.000	704.600	1141.000	702.100	1200.000	700.400	1300.000
10	1221.000	1323.000	1200.100	1333.000	694.500	1339.000	694.600	1344.000	701.100	1366.000
11	700.000	1400.000	702.200	1435.000	702.600	1500.000	712.300	1518.000	715.900	1600.000
12	0.000	830.000	1670.000	1690.000	2336.000	1690.000	0.0	0.0	0.0	0.0
13	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
14	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
15	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
16	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
17	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
18	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
19	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
20	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
21	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
22	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
23	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
24	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
25	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
26	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
27	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
28	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
29	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
30	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
31	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
32	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
33	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
34	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
35	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
36	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
37	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
38	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
39	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
40	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
41	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
42	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
43	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
44	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
45	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
46	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
47	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
48	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
49	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
50	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
51	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
52	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
53	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
54	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
55	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
56	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
57	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
58	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
59	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
60	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
61	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
62	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
63	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
64	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
65	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
66	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
67	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
68	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
69	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
70	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
71	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
72	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
73	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
74	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
75	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
76	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
77	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
78	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
79	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
80	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
81	700.000	1302.000	707.000	1309.000	710.400	1340.000	722.700	1400.000	0.0	0.0
82	0.000	830.000	1410.000	1390.000	2330.000	1690.000	0.0	0.0	0.0	0.0
83	0.000	0.000	1270.000	1275.000	1700.000	1700.000	1700.000	0.0	0.0	0.0
84	724.000	1059.000	716.000	1100.000	706.700	1148.000	706.400	1200.000	707.200	1270.000
85	701.000	1278.000	700.500	1264.000	700.500	1290.000	704.100	1295.000	704.400	1300.000
86	700.000	1302.000	707.000	1309.000	710.400					

X1	5458.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
JT	3.000	723.000	1244.000	1490.000	2965.000	1490.000	0.0	0.0	0.0	0.0
X1	5550.000	11.000	1143.000	1176.000	1092.000	1092.000	1092.000	0.0	0.0	0.0
SR	744.600	1000.000	730.700	1035.000	730.700	1100.000	729.200	1143.000	723.800	1146.000
SP	727.100	1159.000	730.700	1174.000	725.600	1176.000	730.300	1200.000	734.600	1300.000
SR	744.500	1376.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JT	4.000	566.000	894.000	1209.000	1708.000	1209.000	0.0	0.0	0.0	0.0

X1	7926.000	12.000	1085.000	1114.000	1370.000	1370.000	1370.000	0.0	-1.900	0.0
SP	757.500	1000.000	752.000	1043.000	742.400	1085.000	740.600	1090.000	740.000	1100.000
SR	740.400	1111.000	742.200	1114.000	753.400	1153.000	753.500	1200.000	753.900	1213.000
SP	749.100	1227.000	756.000	1252.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	7970.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5120.000	15.000	1422.000	1340.300	50.000	50.000	50.000	0.0	0.0	0.0
SR	744.700	1000.000	757.000	1100.000	752.900	1200.000	751.900	1277.000	742.400	1317.000
SP	749.600	1322.000	740.000	1322.000	740.000	1340.300	741.000	1340.300	742.200	1346.000
SR	744.500	1432.000	753.000	1445.000	756.900	1514.000	763.400	1600.000	765.800	1626.000
SP	1.250	1.500	2.000	0.0	18.300	1.300	142.000	0.0	0.0	0.0

ROAD SALEM STREET BKLEEL 748.0 ROELV 752.2

X1	5085.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	748.000	0.0	0.0	0.0	0.0	0.0	0.0
X3	10.000	1000.000	755.700	0.0	1100.000	757.600	0.0	1200.000	752.900	0.0
X4	1390.000	751.000	0.0	1322.000	751.700	748.000	1340.300	752.200	748.000	1400.000
X5	754.500	0.0	1500.000	757.200	0.0	1600.000	763.400	0.0	1626.000	765.800
X6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	81.100	12.000	1085.000	1114.000	25.000	25.000	25.000	0.0	0.500	0.0
SR	757.000	1000.000	752.000	1043.000	742.400	1085.000	740.600	1090.000	740.000	1100.000
SR	740.400	1111.000	742.200	1114.000	753.400	1153.000	753.500	1200.000	753.900	1213.000
SR	749.100	1227.000	756.000	1252.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	5135.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.500	0.0
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X1	5188.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.000	0.0
JT	0.000	442.000	757.000	975.000	1409.000	976.000	0.0	0.0	0.0	0.0

X1	8475.000	12.000	1035.000	1100.000	190.000	190.000	190.000	0.0	-0.100	0.0
SR	759.200	1000.000	755.800	1050.000	749.200	1077.000	748.200	1085.000	746.000	1087.000
SR	745.700	1092.000	745.500	1098.000	748.200	1100.000	749.800	1113.000	755.900	1126.000
SR	757.400	1200.000	754.100	1280.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	8425.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8475.000	10.000	1247.000	1257.600	50.000	50.000	50.000	0.0	0.0	0.0
SR	757.500	1000.000	753.000	1100.000	757.600	1200.000	756.000	1210.000	749.400	1237.000

GR	748.400	1245.000	746.200	1247.000	745.600	1247.000	745.900	1257.600	746.900	1257.600
GR	748.400	1260.000	750.000	1273.000	754.600	1282.000	754.000	1300.000	752.800	1400.000
GR	753.200	1500.000	759.300	1600.000	763.000	1675.000	0.0	0.0	0.0	0.0
SE	0.900	1.500	2.500	0.0	10.600	0.600	58.000	0.0	0.0	0.0

ROAD LODGE DRIVE MXLCEL 751.9 RDELV 755.8

X1	4523.000	0.0	0.0	0.0	53.000	53.000	53.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	751.900	752.800	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	770.000	0.0	1100.000	763.800	0.0	1200.000	757.600	0.0
BT	1247.000	755.900	751.900	1257.600	755.500	751.900	1300.000	754.000	0.0	1400.000
BT	752.600	0.0	1500.000	753.200	0.0	1600.000	759.300	0.0	1675.000	763.000
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-15.000	40000000.000	0.0	0.0	0.0

X1	3573.000	12.900	1095.000	1100.000	50.000	50.000	50.000	0.0	0.300	0.0
GR	764.200	1000.000	755.800	1050.000	749.200	1077.000	746.200	1085.000	746.000	1087.000
GR	745.700	1092.000	745.900	1098.000	748.200	1100.000	749.800	1113.000	755.900	1126.000
GR	757.400	1200.000	764.100	1200.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	8523.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
BT	5.000	409.000	739.000	808.000	1315.000	908.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-8.400	0.0	0.0	0.0	0.0

X1	9370.000	11.000	1273.000	1238.000	1342.000	1342.000	1342.000	0.0	-0.900	0.0
GR	773.100	1000.000	775.100	1100.000	772.700	1200.000	771.500	1247.000	764.200	1273.000
GR	761.900	1275.000	761.600	1279.000	762.000	1286.000	764.600	1288.000	773.100	1308.000
GR	779.100	1389.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	10000.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
BT	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	10370.000	15.000	1356.000	1368.600	50.000	50.000	50.000	0.0	0.0	0.0
BT	772.300	1000.000	779.400	1100.000	773.600	1200.000	772.500	1300.000	772.600	1311.000
BT	773.100	1330.000	764.800	1356.000	762.200	1356.000	762.200	1368.600	764.300	1368.600
BT	745.200	1371.000	773.700	1391.000	777.200	1438.000	780.800	1500.000	787.700	1600.000
BT	773.200	1617.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	1.250	1.500	2.500	0.0	12.600	0.600	62.800	0.0	0.0	0.0

ROAD CULBRETH AVE. MXLCEL 768.1 RDELV 774.1

X1	10130.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	768.100	772.300	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	770.000	0.0	1100.000	779.400	0.0	1200.000	773.600	0.0
BT	1300.000	772.300	0.0	1356.000	773.600	768.100	1368.600	774.100	768.100	1400.000
BT	774.900	0.0	1500.000	780.800	0.0	1600.000	787.700	0.0	1617.000	789.200
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-15.400	0.0	0.0	0.0	0.0

X1	10130.000	11.000	1273.000	1208.000	50.000	50.000	50.000	0.0	0.700	0.0
GR	772.100	1000.000	775.100	1100.000	772.700	1200.000	771.500	1247.000	764.200	1273.000
GR	761.900	1275.000	761.600	1279.000	762.000	1286.000	764.600	1288.000	773.100	1308.000
GR	779.100	1389.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	10000.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
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BT 5.000 403.000 723.000 885.000 1276.000 885.000 0.0 0.0 0.0 0.0
BT 5.000 0.0 0.0 0.0 0.0 0.0 -8.400 0.0 0.0 0.0

X1 10425.000 12.000 1249.000 1265.000 195.000 195.000 195.000 0.0 -0.700 0.0
SR 743.500 1000.000 776.000 1100.000 774.800 1200.000 773.400 1237.000 768.600 1249.000
SR 706.600 1250.000 766.300 1257.000 766.800 1263.000 768.600 1265.000 771.000 1271.000
SR 772.200 1300.000 793.600 1394.000 0.0 0.0 0.0 0.0 0.0 0.0

X1 10475.000 0.0 0.0 0.0 50.000 50.000 50.000 0.0 0.700 0.0
TC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 10525.000 17.000 1335.000 1345.600 50.000 50.000 50.000 0.0 0.0 0.0
SR 793.100 1000.000 781.800 1100.000 777.000 1200.000 774.700 1300.000 774.900 1311.000
SR 774.800 1320.000 769.000 1332.000 767.800 1335.000 767.500 1335.000 767.500 1345.600
SR 764.200 1345.600 769.500 1348.000 772.200 1354.000 773.400 1383.000 780.500 1433.000
SR 715.000 1500.000 720.100 1545.000 0.0 0.0 0.0 0.0 0.0 0.0
SR 1.250 1.500 2.500 0.0 10.600 0.600 58.000 0.0 0.0 0.0

ROSS BURKE FRATL MALCEL 773.5 REELV 775.8

X1 10570.000 0.0 0.0 0.0 45.000 45.000 45.000 0.0 0.0 0.0
CF 0.0 0.0 1.000 773.500 774.700 0.0 0.0 0.0 0.0 0.0
BT 4.000 1000.000 790.100 0.0 1100.000 701.000 0.0 1200.000 777.000 0.0
BT 1300.000 774.700 0.0 1325.000 775.600 773.500 1345.600 775.800 773.500 1400.000
BT 777.300 0.0 1506.000 785.000 0.0 1545.000 790.100 0.0 0.0 0.0
TC 0.055 0.055 0.035 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 10520.000 12.000 1249.000 1265.000 50.000 50.000 50.000 0.0 2.100 0.0
SR 743.500 1000.000 776.000 1100.000 774.800 1200.000 773.400 1237.000 768.600 1249.000
SR 706.600 1250.000 766.300 1257.000 766.800 1263.000 768.600 1265.000 771.000 1271.000
SR 772.200 1300.000 793.600 1394.000 0.0 0.0 0.0 0.0 0.0 0.0

X1 10470.000 0.0 0.0 0.0 50.000 50.000 50.000 0.0 0.900 0.0
TC 0.007 0.007 0.007 0.000 0.300 0.0 0.0 0.0 0.0 0.0

X1 11320.000 12.000 1132.000 1194.000 655.000 655.000 655.000 0.0 -1.300 0.0
SR 793.200 1000.000 785.300 1100.000 785.000 1168.000 781.500 1182.000 779.500 1184.000
SR 770.300 1269.000 780.000 1193.000 781.300 1194.000 784.300 1200.000 790.100 1300.000
SR 791.700 1400.000 796.200 1420.000 0.0 0.0 0.0 0.0 0.0 0.0

X1 11370.000 0.0 0.0 0.0 50.000 50.000 50.000 0.0 0.600 0.0
TC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 11420.000 15.000 1261.000 1271.500 50.000 50.000 50.000 0.0 0.0 0.0
SR 801.700 1000.000 784.000 1100.000 788.500 1177.000 785.200 1245.000 781.700 1259.000
SR 772.700 1261.000 779.500 1251.000 779.500 1271.500 781.500 1271.500 784.500 1277.000
SR 788.300 1358.000 790.200 1400.000 794.000 1500.000 798.500 1600.000 801.600 1646.000
SR 1.250 1.500 2.500 0.0 10.500 0.500 58.000 0.0 0.0 0.0

ROSS MEMORIAL PR. DR MALCEL 788.5 REELV 788.5

X1 11470.000 0.0 0.0 0.0 53.000 53.000 53.000 0.0 0.0 0.0
X2 0.0 0.0 1.000 785.500 787.900 0.0 0.0 0.0 0.0 0.0
BT 10.000 1000.000 801.700 0.0 1100.000 794.000 0.0 1200.000 784.400 0.0
BT 1261.000 788.500 785.500 1271.500 788.300 785.500 1300.000 787.900 0.0 1400.000
TC 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	11533.000	12.000	1182.000	1194.000	50.000	50.000	50.000	0.0	0.300	0.0
SP	779.200	1000.000	788.300	1100.000	785.000	1160.000	781.500	1182.000	779.500	1184.000
GR	779.300	1189.000	780.000	1193.600	781.300	1194.000	784.300	1200.000	790.100	1300.000
SR	779.700	1900.000	786.200	1420.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	11578.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
BT	5.000	338.000	610.000	751.000	1023.000	751.000	0.0	0.0	0.0	0.0

X1	13580.000	10.000	1200.000	1217.000	2002.000	2002.000	2002.000	0.0	-0.600	0.0
SP	818.900	1000.000	808.000	1100.000	804.100	1200.000	802.100	1202.000	801.700	1209.000
SR	802.300	1215.000	804.100	1217.000	808.600	1300.000	812.000	1400.000	819.000	1460.000

X1	13630.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	13630.000	12.000	1209.000	1225.600	50.000	50.000	50.000	0.0	0.0	0.0
SP	818.700	1000.000	813.200	1088.000	811.500	1106.000	805.700	1208.000	804.300	1209.000
SR	803.300	1209.000	803.300	1225.600	805.700	1225.600	809.500	1300.000	814.000	1400.000
SR	818.000	1500.000	819.000	1510.000	0.0	0.0	0.0	0.0	0.0	0.0
SR	1.200	1.500	2.500	0.0	16.600	0.600	65.000	0.0	0.0	0.0

COX AVF.00E FXLCEL 807.4 PDELV 008.8

X1	13725.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	807.400	0.0	0.0	0.0	0.0	0.0	0.0
BT	0.000	1000.000	815.700	0.0	1100.000	612.900	0.0	1200.000	808.500	0.0
BT	1203.000	808.000	807.400	1225.600	808.800	807.400	1300.000	809.500	0.0	1400.000
BT	818.000	0.0	1500.000	818.000	0.0	1510.000	819.000	0.0	0.0	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	13775.000	10.000	1200.000	1217.000	50.000	50.000	50.000	0.0	2.600	0.0
SP	818.500	1000.000	809.000	1100.000	804.100	1200.000	802.100	1202.000	801.700	1209.000
SR	802.300	1215.000	804.100	1217.000	808.600	1300.000	812.000	1400.000	819.000	1460.000

X1	13825.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.000	0.0
BT	8.000	275.000	505.000	628.000	930.000	628.000	0.0	0.0	0.0	0.0

X1	14350.000	15.000	1206.000	1216.000	533.000	533.000	533.000	0.0	-1.700	0.0
SP	818.800	1000.000	824.500	1100.000	822.600	1122.000	819.000	1120.000	816.800	1200.000
GR	818.000	1206.000	814.000	1206.000	813.900	1212.000	814.400	1214.000	815.400	1216.000
SR	818.300	1281.000	821.000	1236.000	823.000	1300.000	829.900	1400.000	830.600	1406.000

X1	14405.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
IC	0.025	0.025	0.025	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	14455.000	17.000	1201.000	1306.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	831.700	1000.000	829.000	1100.000	820.600	1200.000	820.800	1218.000	818.500	1221.000
SR	818.300	1292.000	815.400	1301.500	814.100	1302.200	813.400	1304.000	814.100	1305.800
SP	818.900	1006.000	817.000	1373.000	820.500	1378.000	822.500	1332.000	826.900	1393.000
SR	827.300	1400.000	828.700	1500.000	0.0	0.0	0.0	0.0	0.0	0.0
SR	0.900	1.500	2.000	0.0	5.000	0.010	19.630	0.0	0.0	0.0

ROAD CHILDREN AVE. NXLCEL 818.4

RDELV 821.8

21	11970.000	0.0	0.0	0.0	38.000	38.000	38.000	0.0	0.0	0.0
22	0.0	0.0	1.000	318.400	0.0	0.0	0.0	0.0	0.0	0.0
23	11.000	1000.000	831.700	0.0	1100.000	829.400	0.0	1200.000	820.600	0.0
24	1301.000	821.700	0.0	1301.500	821.700	815.900	1302.200	821.700	817.700	1304.000
25	821.800	818.400	1305.800	821.900	817.700	1306.500	821.900	815.900	1400.800	827.300
26	0.0	1500.000	828.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

28	14504.000	15.000	1206.000	1216.000	50.000	50.000	50.000	0.0	0.0	0.0
29	850.600	1000.000	826.500	1100.000	822.600	1122.000	819.000	1129.000	816.800	1200.000
30	819.600	1206.000	814.000	1205.000	813.900	1212.000	814.400	1214.000	815.400	1216.000
31	313.300	1281.000	121.000	1256.000	823.000	1300.000	829.900	1400.000	830.600	1406.000

32	14524.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
33	0.000	211.000	397.000	500.000	756.000	500.000	0.0	0.0	0.0	0.0

34	14904.000	16.000	1206.000	1216.000	310.000	310.000	310.000	0.0	-1.600	0.0
35	850.700	1000.000	831.700	1015.000	826.400	1100.000	822.900	1200.000	821.800	1208.000
36	819.500	1211.000	819.500	1213.000	819.700	1216.000	822.000	1218.000	825.400	1300.000
37	828.700	1320.000	826.500	1356.000	830.500	1400.000	830.900	1415.000	834.000	1444.000
38	313.400	1462.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

39	14954.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
40	0.000	0.000	0.000	0.300	0.500	0.0	0.0	0.0	0.0	0.0

41	15004.000	15.000	1302.000	1317.700	50.000	50.000	50.000	0.0	0.0	0.0
42	821.800	1000.000	826.700	1100.000	826.400	1200.000	822.900	1302.000	822.200	1312.400
43	819.500	1211.000	819.500	1316.000	820.300	1316.900	822.200	1317.700	825.400	1402.000
44	828.700	1462.000	826.500	1458.000	830.500	1502.000	830.900	1517.000	834.000	1525.000
45	0.000	0.000	0.000	0.0	0.300	0.000	0.000	0.0	0.0	0.0

ROAD CHILDREN AVE. NXLCEL 829.6

RDELV 827.8

46	14904.000	0.0	0.0	0.0	42.000	42.000	42.000	0.0	0.0	0.0
47	0.0	0.0	1.000	324.800	826.400	0.0	0.0	0.0	0.0	0.0
48	11.000	1000.000	829.500	0.0	1100.000	828.700	0.0	1200.000	826.400	0.0
49	1302.000	827.700	0.0	1312.400	827.700	822.200	1313.100	827.700	824.100	1315.000
50	827.800	824.000	1316.000	827.900	824.100	1317.700	827.900	822.200	1400.000	829.900
51	0.0	1500.000	828.800	0.0	1525.000	835.000	0.0	0.0	0.0	0.0
52	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
53	0.000	0.000	0.000	0.0	0.0	-15.400	0.0	0.0	0.0	0.0

54	14904.000	15.000	1206.000	1216.000	50.000	50.000	50.000	0.0	0.0	0.0
55	850.700	1000.000	831.700	1015.000	826.400	1100.000	822.900	1200.000	821.800	1208.000
56	819.500	1211.000	819.500	1213.000	819.700	1216.000	822.000	1218.000	825.400	1300.000
57	828.700	1320.000	826.500	1356.000	830.500	1400.000	830.900	1415.000	834.000	1444.000
58	313.400	1462.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	0.000	0.000	0.000	0.0	0.0	-20.400	0.0	0.0	0.0	0.0

60	15104.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
61	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 27-20T HANK'S BRANCH
 T2 FLOODPLAIN STUDY AT KOWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 100 YEAR FLOODWAY

J1	ICHECK	1.0	DIRV	100R	STRT	METRIC	HVINS	0	WSEL	FR
		-10.	0.	0.	0.0	0.0	0.0	0.	702.930	0.0
J2	UPROF	1.0	PREVS	XSECV	XSECH	FU	ALLDC	IBW	CHNIM	ITRACE
		15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCNV= 0.100 CFNV= 0.300

*SECTN 400.000
 2800 NAT Q1= 308.40 WSEL= 702.43 ENC Q1= 308.40 WSEL= 703.23 RATIO= 0.0
 NAT Q1= 308. RATIOS LOG,CH,ROF= 0.2348 0.6291 0.1360 WSEL= 703.23
 SECTN DEPTH WSEL CRIS WSELK EG BV HL OLOSS BANK ELEV
 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 TIME WGS VCH VROE XH XNCH XGR WTN ELMIN SSTA
 SLOPE XLOB XLCN XLCRF ITRIAL IUC ICONT CORAG TGPWID ENUST

3470 ENCROACHMENT STATIONS= 1360.2 1362.8 TYPE= 4 TARGET= 0.336
 400.00 0.43 702.93 0.0 702.43 703.86 0.93 0.0 0.0 701.80
 1690. 47. 1617. 29. 23. 204. 13. 0. 0. 701.10
 0.0 2.01 7.91 2.07 0.055 0.035 0.055 0.0 694.10 1308.25
 0.003539 400. 400. 400. 0 0 0 0.0 54.51 1362.76

*SECTN 2100.000
 2800 NAT Q1= 271.93 WSEL= 708.08 ENC Q1= 271.93 WSEL= 708.88 RATIO= 0.0
 NAT Q1= 271. RATIOS LOG,CH,ROF= 0.3156 0.6003 0.0041 WSEL= 708.88

5470 ENCROACHMENT STATIONS= 1296.6 1296.6 TYPE= 4 TARGET= 0.313
 2100.00 8.49 708.99 0.0 705.08 709.98 0.98 6.10 0.02 707.20
 1690. 140. 1464. 46. 73. 172. 17. 10. 2. 704.10
 0.06 2.47 8.49 2.65 0.055 0.035 0.055 0.035 700.50 1233.64
 0.003533 1700. 1700. 1700. 4 0 0 0.0 64.99 1298.63

*SECTN 3300.000
 2800 NAT Q1= 149.41 WSEL= 715.24 ENC Q1= 149.45 WSEL= 716.04 RATIO= -0.3349
 NAT Q1= 200. RATIOS LOG,CH,ROF= 0.0000 0.9982 0.0010 WSEL= 716.04

3301 BV CHANGED MORE THAN HVINS

3301 ENCROACHMENT STATIONS= 1330.0 1370.0 TYPE= 4 TARGET= 0.002

 * BEQ2 RELEASE DATED NOV 76 (UPDATED FEB 1977)
 * ERROR CORR - 01
 * MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR
 SUMMARY PRINTOUT

	SECHO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CFIWS	VCH	SSTA	ENDST	AREA	DIFWSP
A	400.000	400.00	0.0	0.0	1690.00	694.10	702.43	0.0	6.84	1192.20	1427.17	425.15	0.0
	400.000	400.00	0.0	0.0	1690.00	694.10	702.93	0.0	7.91	1308.25	1362.76	240.27	0.50
B	2100.000	1700.00	0.0	0.0	1690.00	700.50	708.08	0.0	8.01	1140.90	1312.29	361.92	0.0
	2100.000	1700.00	0.0	0.0	1690.00	700.50	708.99	0.0	8.49	1233.64	1298.63	262.58	0.92
C	2300.000	1200.00	0.0	0.0	1690.00	709.70	715.24	715.24	11.29	1330.74	1369.22	149.70	0.0
	2300.000	1200.00	0.0	0.0	1690.00	709.70	715.43	0.0	10.75	1330.55	1369.65	157.25	0.19
	2300.000	50.00	0.0	0.0	1690.00	709.80	716.63	0.0	8.32	1320.71	1412.90	210.77	0.0
	2300.000	50.00	0.0	0.0	1690.00	709.80	716.53	0.0	8.59	1330.00	1370.00	196.78	-0.10
D	2400.000	50.00	0.0	0.0	1690.00	712.10	717.72	717.72	11.24	1393.62	1454.40	173.90	0.0
	2400.000	50.00	0.0	0.0	1690.00	712.10	717.77	717.77	13.54	1400.00	1422.00	124.85	0.06
	2400.000	196.00	727.50	722.10	1690.00	712.10	717.97	0.0	10.52	1391.34	1463.70	190.38	0.0
	2400.000	196.00	727.50	722.10	1690.00	712.10	718.77	0.0	8.21	1383.34	1541.51	201.74	0.80
	2546.000	50.00	0.0	0.0	1690.00	712.00	718.34	0.0	9.32	1329.63	1386.37	184.54	0.0
	2546.000	50.00	0.0	0.0	1690.00	712.00	720.02	0.0	6.80	1330.00	1370.00	248.60	1.68
	2546.000	50.00	0.0	0.0	1690.00	712.60	718.56	0.0	10.17	1330.33	1372.46	166.20	0.0
	2546.000	50.00	0.0	0.0	1690.00	712.60	720.08	0.0	7.46	1330.00	1370.00	226.62	1.51
	4500.000	000.00	0.0	0.0	1640.00	713.10	722.97	0.0	7.79	1094.22	1152.75	276.44	0.0
	4500.000	000.00	0.0	0.0	1640.00	713.10	722.79	0.0	9.21	1112.50	1134.90	194.32	-0.18
	5245.000	445.00	0.0	0.0	1520.00	720.50	727.11	727.11	12.73	1072.84	1103.82	146.31	0.0
	5245.000	445.00	0.0	0.0	1520.00	720.50	727.23	727.23	14.29	1080.00	1097.00	106.36	0.13
	5245.000	50.00	0.0	0.0	1520.00	720.60	728.42	0.0	10.05	1070.63	1118.00	196.75	0.0
	5245.000	50.00	0.0	0.0	1520.00	720.60	729.13	0.0	10.93	1079.60	1093.60	148.79	0.71
	5345.000	50.00	0.0	0.0	1520.00	720.70	727.75	727.75	14.29	1367.00	1384.00	106.34	0.0
	5345.000	50.00	0.0	0.0	1520.00	720.70	729.40	0.0	11.31	1367.00	1384.00	134.37	1.65
	5345.000	13.00	731.30	740.00	1520.00	720.70	727.77	0.0	14.26	1367.00	1384.00	106.62	0.0
	5345.000	13.00	999999.00	0.0	1520.00	720.70	729.41	0.0	11.29	1367.00	1384.00	134.58	1.65

SEC ID	YLCH	ELTRD	ELLC	0	ELMIN	CWSEL	CRINS	VCH	SSTA	ENDST	AREA	DIFWSP
5405.000	50.00	0.0	0.0	1520.00	720.80	730.82	0.0	6.86	1009.86	1134.68	333.05	0.0
5408.000	50.00	0.0	0.0	1520.00	720.80	730.88	0.0	7.85	1074.44	1103.80	242.91	0.07
5458.000	50.00	0.0	0.0	1520.00	720.90	730.89	0.0	6.89	1009.88	1134.53	330.58	0.0
5458.000	50.00	0.0	0.0	1520.00	720.90	730.98	0.0	7.86	1074.50	1103.81	242.63	0.09
5550.000	1092.00	0.0	0.0	1490.00	723.10	732.56	0.0	3.87	1030.34	1252.36	635.96	0.0
5550.000	1092.00	0.0	0.0	1490.00	723.10	733.10	0.0	4.34	1103.69	1189.58	458.22	0.54
7020.000	1370.00	0.0	0.0	1209.00	738.10	742.50	742.50	10.46	1076.26	1121.66	128.12	0.0
7020.000	1370.00	0.0	0.0	1209.00	738.10	742.44	742.44	11.06	1085.00	1114.00	109.27	-0.06
7970.000	50.00	0.0	0.0	1209.00	738.70	743.10	743.10	10.45	1076.24	1121.67	128.29	0.0
7970.000	50.00	0.0	0.0	1209.00	738.70	743.43	0.0	10.04	1085.00	1114.00	120.40	0.32
8020.000	50.00	0.0	0.0	1209.00	740.00	744.47	744.47	10.27	1308.29	1363.26	141.53	0.0
8020.000	50.00	0.0	0.0	1209.00	740.00	744.74	744.74	12.78	1320.15	1343.03	103.11	0.27
8035.000	65.00	751.30	748.00	1209.00	740.00	746.95	0.0	4.97	1297.83	1382.16	314.53	0.0
8035.000	65.00	751.30	748.00	1209.00	740.00	747.75	0.0	4.12	1294.47	1388.25	385.76	0.80
81.100	25.00	0.0	0.0	1209.00	740.50	746.74	0.0	6.59	1064.19	1128.08	225.19	0.0
81.100	25.00	0.0	0.0	1209.00	740.50	747.43	0.0	6.56	1085.00	1114.00	184.43	0.69
8135.000	25.00	0.0	0.0	1209.00	741.00	746.68	0.0	7.48	1070.65	1126.12	192.80	0.0
8135.000	25.00	0.0	0.0	1209.00	741.00	747.43	0.0	7.11	1085.00	1114.00	169.93	0.75
8135.000	50.00	0.0	0.0	1209.00	742.00	746.40	746.40	10.46	1070.26	1121.66	128.11	0.0
8135.000	50.00	0.0	0.0	1209.00	742.00	747.43	0.0	8.58	1085.00	1114.00	140.99	1.03
8375.000	190.00	0.0	0.0	976.00	745.60	750.89	750.89	10.65	1069.64	1115.53	124.56	0.0
8375.000	190.00	0.0	0.0	976.00	745.60	751.14	751.14	12.79	1085.00	1100.00	76.30	0.26
8425.000	50.00	0.0	0.0	976.00	745.70	751.90	0.0	8.18	1065.96	1117.47	169.03	0.0
8425.000	50.00	0.0	0.0	976.00	745.70	753.19	0.0	8.33	1081.03	1103.81	142.29	1.29
8475.000	50.00	0.0	0.0	976.00	745.60	752.30	0.0	6.98	1225.12	1277.51	130.68	0.0
8475.000	50.00	0.0	0.0	976.00	745.60	753.77	0.0	6.74	1238.30	1266.95	180.36	1.47
8503.000	53.00	752.80	751.90	976.00	745.60	754.81	0.0	3.81	1218.14	1513.28	446.18	0.0
8503.000	53.00	752.80	751.90	976.00	745.60	755.48	0.0	3.22	1236.56	1362.07	439.62	1.47
8520.000	50.00	0.0	0.0	976.00	746.00	753.89	0.0	5.50	1059.00	1121.07	264.94	0.0
8573.000	50.00	0.0	0.0	976.00	746.30	754.89	0.0	7.92	1084.10	1100.68	131.17	1.00
8590.000	50.00	0.0	0.0	976.00	746.10	753.95	0.0	5.54	1050.19	1121.00	262.77	0.0
8590.000	50.00	0.0	0.0	976.00	746.10	755.10	0.0	7.56	1084.28	1100.60	136.67	1.15
8970.000	1342.00	0.0	0.0	908.00	760.70	766.18	766.18	11.31	1262.74	1293.83	95.89	0.0
8970.000	1342.00	0.0	0.0	908.00	760.70	766.07	766.07	12.55	1273.00	1288.00	72.33	-0.10
10020.000	50.00	0.0	0.0	908.00	761.30	766.79	766.79	11.29	1262.72	1293.85	96.14	0.0
10020.000	50.00	0.0	0.0	908.00	761.30	767.59	0.0	10.55	1273.00	1288.00	86.06	0.80
10070.000	50.00	0.0	0.0	908.00	762.20	767.57	767.57	11.02	1346.13	1376.58	94.74	0.0
10070.000	50.00	0.0	0.0	908.00	762.20	767.63	767.63	13.27	1356.00	1368.60	68.44	0.06

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SEC ID	XLCH	ELTSD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
10130.000	50.00	772.30	758.10	908.00	762.20	771.40	0.0	4.45	1332.49	1385.59	254.66	0.0
10130.000	50.00	999999.00	0.0	908.00	762.20	771.46	0.0	5.33	1347.73	1374.33	196.72	0.66
10130.000	50.00	0.0	0.0	908.00	762.30	771.34	0.0	5.40	1250.05	1302.22	244.26	0.0
10130.000	50.00	0.0	0.0	908.00	762.30	771.20	0.0	7.25	1272.60	1288.13	127.18	-0.15
10230.000	50.00	0.0	0.0	908.00	762.40	771.40	0.0	5.45	1250.25	1302.09	241.42	0.0
10230.000	50.00	0.0	0.0	908.00	762.40	771.30	0.0	7.25	1272.97	1288.02	125.52	-0.09
10425.000	195.00	0.0	0.0	885.00	765.60	771.22	770.76	9.45	1240.68	1293.40	120.37	0.0
10425.000	195.00	0.0	0.0	885.00	765.60	771.56	0.0	9.96	1249.00	1265.00	88.85	0.35
10475.000	50.00	0.0	0.0	885.00	766.30	771.45	771.45	10.76	1241.67	1291.96	98.40	0.0
10475.000	50.00	0.0	0.0	885.00	766.30	772.01	0.0	10.44	1249.00	1265.00	84.77	0.56
10525.000	50.00	0.0	0.0	885.00	767.50	772.82	772.82	10.50	1324.45	1369.00	103.90	0.0
10525.000	50.00	0.0	0.0	885.00	767.50	772.71	772.71	13.23	1332.60	1348.57	74.81	-0.11
10575.000	45.00	774.70	773.50	885.00	767.50	776.04	0.0	3.52	1241.87	1401.57	387.08	0.0
10575.000	45.00	999999.00	0.0	885.00	767.50	775.92	0.0	4.47	1317.16	1368.53	254.14	-0.11
10620.000	50.00	0.0	0.0	885.00	768.40	775.88	0.0	5.64	1227.00	1313.02	245.56	0.0
10620.000	50.00	0.0	0.0	885.00	768.40	775.60	0.0	7.22	1245.95	1272.03	146.55	-0.27
10670.000	50.00	0.0	0.0	885.00	769.30	775.73	0.0	7.51	1234.66	1304.42	169.47	0.0
10670.000	50.00	0.0	0.0	885.00	769.30	775.27	0.0	9.93	1249.00	1265.00	89.09	-0.46
11325.000	655.00	0.0	0.0	885.00	778.00	784.06	784.06	10.43	1160.59	1218.28	122.93	0.0
11325.000	655.00	0.0	0.0	885.00	778.00	783.96	783.96	13.40	1181.71	1194.31	68.13	-0.10
11375.000	50.00	0.0	0.0	885.00	778.60	784.64	784.64	10.49	1160.92	1218.00	122.07	0.0
11375.000	50.00	0.0	0.0	885.00	778.60	784.57	784.57	13.34	1181.77	1194.24	67.80	-0.07
11425.000	50.00	0.0	0.0	885.00	779.50	785.08	785.08	10.61	1245.47	1286.81	104.54	0.0
11425.000	50.00	0.0	0.0	885.00	779.50	786.02	0.0	11.06	1259.48	1273.24	88.46	0.94
11475.000	55.00	787.20	785.50	885.00	779.50	785.95	0.0	2.69	1170.77	1352.02	535.91	0.0
11475.000	55.00	999999.00	0.0	885.00	779.50	785.88	0.0	2.82	1232.99	1297.84	407.76	0.94
11525.000	50.00	0.0	0.0	885.00	779.60	788.92	0.0	3.74	1095.95	1274.48	511.70	0.0
11525.000	50.00	0.0	0.0	885.00	779.60	789.85	0.0	3.94	1157.72	1216.35	366.17	0.93
11575.000	50.00	0.0	0.0	885.00	779.70	788.94	0.0	3.84	1097.02	1273.03	496.79	0.0
11575.000	50.00	0.0	0.0	885.00	779.70	789.86	0.0	4.05	1159.00	1215.47	354.63	0.92
13530.000	902.00	0.0	0.0	751.00	801.10	805.52	805.52	8.73	1165.19	1254.24	138.84	0.0
13530.000	902.00	0.0	0.0	751.00	801.10	805.55	805.55	11.28	1200.00	1217.00	56.58	0.03
13530.000	50.00	0.0	0.0	751.00	801.70	806.13	806.13	8.68	1165.02	1254.42	139.75	0.0
13530.000	50.00	0.0	0.0	751.00	801.70	806.79	0.0	9.69	1200.00	1217.00	77.53	0.66
13530.000	50.00	0.0	0.0	751.00	803.30	807.41	807.41	8.24	1178.45	1259.16	124.80	0.0
13530.000	50.00	0.0	0.0	751.00	803.30	807.28	807.28	11.37	1200.00	1225.60	56.05	-0.14
13725.000	43.00	807.50	807.40	751.00	803.50	809.46	0.0	3.15	1143.23	1290.15	366.47	0.0
13725.000	43.00	999999.00	0.0	751.00	803.50	809.32	0.0	4.32	1173.33	1244.62	210.81	-0.14

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SEC NO	VLCH	ELTFO	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
13773.000	50.00	0.0	0.0	751.00	804.30	809.15	0.0	7.16	1157.56	1262.30	181.16	0.0
13773.000	50.00	0.0	0.0	751.00	804.30	808.66	808.66	11.00	1197.71	1219.44	74.14	-0.49
13823.000	50.00	0.0	0.0	751.00	805.30	809.72	809.72	8.72	1165.16	1254.27	158.99	0.0
13823.000	50.00	0.0	0.0	751.00	805.30	809.76	809.76	11.25	1200.00	1217.00	66.78	0.04
14355.000	533.00	0.0	0.0	628.00	812.20	816.26	816.26	9.02	1162.44	1273.47	142.26	0.0
14355.000	533.00	0.0	0.0	628.00	812.20	817.11	0.0	10.43	1200.51	1223.23	82.67	0.84
14406.000	50.00	0.0	0.0	628.00	812.80	816.91	816.91	8.78	1161.04	1274.44	147.14	0.0
14406.000	50.00	0.0	0.0	628.00	812.80	817.55	0.0	10.66	1200.16	1223.69	81.27	0.65
14455.000	50.00	0.0	0.0	628.00	813.40	817.71	817.71	8.36	1246.39	1369.97	123.19	0.0
14455.000	50.00	0.0	0.0	628.00	813.40	818.30	818.30	10.41	1291.18	1313.10	69.67	0.59
14494.000	38.00	820.60	818.40	628.00	813.40	817.72	0.0	8.34	1246.31	1370.06	123.49	0.0
14494.000	38.00	999999.00	0.0	628.00	813.40	818.33	818.33	10.28	1291.15	1313.20	70.51	0.61
14504.000	50.00	0.0	0.0	628.00	813.90	818.02	818.02	8.71	1160.67	1274.70	148.44	0.0
14504.000	50.00	0.0	0.0	628.00	813.90	818.74	0.0	10.39	1200.06	1223.81	83.71	0.72
14524.000	50.00	0.0	0.0	628.00	814.40	818.47	818.47	8.99	1162.30	1273.57	142.75	0.0
14524.000	50.00	0.0	0.0	628.00	814.40	819.12	0.0	10.93	1200.47	1223.28	79.63	0.65
14594.000	310.00	0.0	0.0	500.00	817.90	822.44	822.44	8.06	1167.46	1267.17	120.35	0.0
14594.000	310.00	0.0	0.0	500.00	817.90	822.59	822.59	11.06	1200.47	1221.95	55.55	0.15
14650.000	50.00	0.0	0.0	500.00	818.60	823.13	823.13	8.12	1167.81	1266.88	119.14	0.0
14650.000	50.00	0.0	0.0	500.00	818.60	823.27	823.27	11.16	1200.57	1221.82	50.78	0.14
14694.000	50.00	0.0	0.0	500.00	819.50	824.08	824.08	7.21	1267.60	1367.19	102.73	0.0
14694.000	50.00	0.0	0.0	500.00	819.50	824.50	824.50	10.46	1303.95	1326.03	57.19	0.42
14744.000	42.00	824.40	824.40	500.00	819.50	824.08	0.0	7.79	1267.51	1367.24	102.95	0.0
14744.000	42.00	999999.00	0.0	500.00	819.50	824.51	824.51	10.34	1303.93	1326.05	57.64	0.43
14794.000	50.00	0.0	0.0	500.00	819.50	824.05	0.0	6.26	1155.63	1277.11	165.89	0.0
14794.000	50.00	0.0	0.0	500.00	819.50	824.63	0.0	9.92	1205.34	1220.57	60.07	0.38
14844.000	50.00	0.0	0.0	500.00	819.50	824.73	0.0	5.31	1147.61	1263.92	202.32	0.0
14844.000	50.00	0.0	0.0	500.00	819.50	825.53	0.0	8.66	1205.50	1220.03	69.08	0.80

CAUTIONARY NOTES

- CAUTION SEC NO = 3300.000 PROFILE = 1 CRITICAL DEPTH ASSUMED
- CAUTION SEC NO = 3300.000 PROFILE = 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SEC NO = 3400.000 PROFILE = 1 CRITICAL DEPTH ASSUMED
- CAUTION SEC NO = 3400.000 PROFILE = 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SEC NO = 3400.000 PROFILE = 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SEC NO = 3400.000 PROFILE = 2 CRITICAL DEPTH ASSUMED
- CAUTION SEC NO = 3400.000 PROFILE = 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SEC NO = 3400.000 PROFILE = 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SEC NO = 3500.000 PROFILE = 1 HYDRAULIC JUMP OBS.

CAUTION	SEC NO= 3596.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SEC NO= 5245.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 5245.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 5245.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 5245.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 5245.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 5245.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 5345.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 5345.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 5345.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 7920.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 7920.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 7920.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 7920.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 7920.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 7920.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 7970.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 7970.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8020.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8020.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8020.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 8020.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8020.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8020.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 8085.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SEC NO= 8085.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SEC NO= 8185.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8185.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8375.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8375.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8375.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 8375.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8375.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8375.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 8820.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SEC NO= 8970.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8970.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8970.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 8970.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 8970.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 8970.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 10020.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 10020.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 10070.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 10070.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 10070.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SEC NO= 10070.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 10070.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SEC NO= 10130.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SEC NO= 10130.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SEC NO= 10475.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SEC NO= 10475.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY

CAUTION	SECNO=10525.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=10525.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=10525.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=10525.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=10525.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=10525.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=10570.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SECNO=10570.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECNO=11325.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=11325.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=11325.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=11325.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=11325.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=11375.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=11375.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=11375.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=11375.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=11425.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=11425.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=11470.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SECNO=11470.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECNO=13350.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13350.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13350.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13350.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13350.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13350.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13430.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13430.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13430.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13485.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13485.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13485.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13520.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13520.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13520.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13723.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SECNO=13723.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECNO=13773.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13773.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13773.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13823.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13823.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13823.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=13823.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=13823.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=13823.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14356.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14356.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14406.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14406.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14406.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION	SECNO=14456.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14456.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14456.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14456.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14456.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14544.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14544.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14594.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14594.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14904.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14904.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14954.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14954.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=14954.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=14954.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=14954.100	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=15004.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=15004.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=15004.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=15004.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
A 400.000	65.225	240.727	7.0	702.9	702.4	-0.5
B 2100.000	65.171	263.362	6.4	709.0	708.1	-0.9
C 3300.000	39.60	157.400	10.7	715.4	715.2	-0.2
3350.000	40.	197.	8.6	716.6	716.6	0.0
D 3400.000	27.60	125.400	13.5	717.8	717.7	-0.1
3596.000	158.	282.	6.0	718.8	718.0	-0.8
3646.000	40.	249.	6.3	720.0	718.3	-1.7
3696.000	40.	227.	7.5	720.1	718.6	-1.5
4600.000	22.	194.	6.4	722.9	723.0	0.1
5245.000	17.	106.	14.3	727.2	727.1	-0.1
5295.000	19.	149.	10.2	729.1	728.4	-0.7
5345.000	17.	134.	11.3	729.4	727.8	-1.6
5354.000	17.	135.	11.3	729.4	727.8	-1.6
5408.000	29.	243.	6.3	730.9	730.8	-0.1
5458.000	29.	243.	6.3	731.0	730.9	-0.1
6559.000	36.	458.	5.3	733.1	732.6	-0.5
7920.000	29.	109.	11.1	742.5	742.5	0.0
7970.000	29.	120.	10.0	743.4	743.1	-0.3
8029.000	23.11	103.	11.7	744.8	744.5	-0.3
8085.000	24.	386.	3.1	747.8	747.0	-0.8
81.100	22.	184.	6.6	747.4	745.7	-1.7
8135.000	29.	170.	7.1	747.5	746.7	-0.8
8185.000	29.	141.	7.3	747.4	746.4	-1.0
8375.000	15.	76.	12.0	751.2	750.9	-0.3
8425.000	23.	142.	6.9	753.2	751.9	-1.3
8475.000	29.	106.	5.4	753.8	752.3	-1.5
8525.000	126.	440.	2.2	755.5	754.0	-1.5
8575.000	17.	131.	7.4	754.9	753.9	-1.0
8625.000	14.	137.	7.1	755.1	754.0	-1.1
8970.000	15.	72.	12.6	766.2	764.2	-2.0
10020.000	14.	84.	10.6	767.8	764.8	-3.0
10070.000	12.	62.	13.3	767.7	767.6	-0.1
10120.000	27.	197.	4.6	771.5	771.4	-0.1
10180.000	15.	127.	7.1	771.3	771.3	0.0
10230.000	15.	126.	7.2	771.4	771.4	0.0
10425.000	16.	89.	10.0	771.5	771.2	-0.3
10475.000	14.	35.	10.4	772.1	771.5	-0.6
10525.000	16.	75.	11.3	772.6	772.6	0.0
10570.000	51.	254.	3.5	775.0	775.0	0.0
10620.000	24.	147.	6.0	775.7	775.9	0.2
10670.000	16.	89.	9.9	775.3	775.7	0.4
11325.000	13.	68.	13.0	784.1	784.1	0.0
11375.000	12.	68.	13.1	784.6	784.6	0.0
11425.000	15.	88.	10.0	786.0	785.1	-0.9
11475.000	65.	400.	2.2	789.8	788.9	-0.9
11525.000	59.	364.	2.4	789.8	788.9	-0.9
11575.000	46.	355.	2.5	789.8	788.9	-0.9
13580.000	17.	67.	11.3	805.5	805.5	0.0
13630.000	17.	74.	9.7	806.8	805.1	-1.7
13680.000	17.	66.	11.4	807.4	807.4	0.0

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
13723.000	51.	211.	3.6	809.5	809.5	0.0
13773.000	22.	74.	10.1	808.8	809.2	-0.4
13823.000	17.	67.	11.2	809.7	809.7	0.0
14356.000	23.	83.	7.6	817.1	816.3	0.8
14406.000	24.	81.	7.7	817.5	816.9	0.6
14456.000	27.	70.	9.0	818.3	817.7	0.6
14494.000	27.	71.	8.9	818.3	817.7	0.6
14544.000	24.	84.	7.5	818.7	818.0	0.7
14594.000	23.	79.	8.0	819.2	818.5	0.7
14904.000	18.	56.	9.0	822.6	822.4	0.2
14954.000	17.	55.	9.1	823.2	823.1	0.1
15004.000	22.	57.	8.7	824.5	824.1	0.4
15046.000	22.	58.	8.7	824.5	824.1	0.4
15096.000	15.	60.	8.3	824.6	824.4	0.4
15146.000	16.	69.	7.2	825.5	824.7	0.8

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ERROR CORR - 01
MODIFICATION - 1.50.51,52

EJ