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

C
 T1 THOMASVILLE-DAVIDSON CO. STRM 3T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6910
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FG
	-1.	2.	0.	0.	0.027000	0.0	0.0	0.	768.000	0.0
J2	MPROF	IPLOT	PRFVS	XSECV	XSECH	FM	ALLOC	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									
	38.000	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
YC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
YT	5.000	350.000	450.000	538.000	1542.000	538.000	0.0	0.0	0.0	0.0
YU	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	300.000	12.000	1210.000	1230.000	300.000	300.000	300.000	0.0	-0.800	0.0
GR	784.100	1000.000	778.000	1100.000	771.400	1200.000	794.400	1210.000	764.400	1218.000
GF	774.000	1222.000	763.000	1226.000	767.700	1230.000	770.200	1300.000	775.300	1400.000
GR	790.100	1500.000	785.200	1595.000	0.0	0.0	0.0	0.0	0.0	0.0
YC	0.060	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	350.000	14.000	1247.000	1261.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	786.100	1000.000	779.400	1100.000	771.000	1200.000	770.400	1247.000	763.600	1247.000
GR	764.000	1253.000	764.000	1259.000	764.100	1261.000	770.400	1261.000	770.000	1300.000
GR	773.200	1400.000	779.000	1500.000	783.200	1600.000	786.100	1652.000	0.0	0.0
SR	0.900	1.500	2.500	0.0	14.000	0.010	70.000	0.0	0.0	0.0
	ROWN SMITH AVENUE		MXLCEL	768.9		RDELV	770.4			
X1	374.000	0.0	0.0	0.0	24.000	24.000	24.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	768.900	770.400	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	786.100	0.0	1100.000	779.400	0.0	1200.000	771.000	0.0
BT	1247.000	770.400	768.900	1261.000	770.400	768.900	1300.000	770.000	0.0	1400.000
BT	773.200	0.0	1500.000	779.000	0.0	1600.000	783.200	0.0	1652.000	786.100
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	424.000	12.000	1210.000	1230.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	794.100	1000.000	778.000	1100.000	771.400	1200.000	794.400	1210.000	764.400	1218.000
GR	764.000	1222.000	763.800	1226.000	767.700	1230.000	770.200	1300.000	775.300	1400.000
GR	780.100	1500.000	785.200	1595.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	315.000	365.000	415.000	1476.000	415.000	0.0	0.0	0.0	0.0

X1	2145.000	12.000	1253.000	1267.000	1761.000	1761.000	1761.000	0.0	0.0	0.0
GR	816.800	1000.000	809.100	1100.000	802.300	1200.000	799.500	1253.000	796.500	1256.000
GR	796.000	1261.000	796.200	1265.000	799.600	1267.000	799.700	1300.000	804.600	1400.000
GR	814.800	1500.000	818.200	1600.000	0.0	0.0	0.0	0.0	0.0	0.0
VC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2335.000	29.000	1710.500	1719.500	150.000	150.000	150.000	0.0	0.0	0.0
GR	831.700	1000.000	829.000	1100.000	826.300	1200.000	823.800	1300.000	821.200	1400.000
GR	821.000	1412.000	818.000	1454.000	810.300	1554.000	803.500	1654.000	800.700	1707.000
GR	799.200	1710.500	797.900	1711.000	797.200	1711.500	797.900	1714.000	799.200	1714.500
GR	799.200	1715.500	797.900	1716.000	797.200	1717.500	797.900	1719.000	799.200	1719.500
GR	800.800	1721.000	800.900	1754.000	805.800	1854.000	816.000	1954.000	819.400	2054.000
GR	823.300	2100.000	825.600	2200.000	828.500	2300.000	831.100	2400.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	8.000	0.010	25.130	0.0	0.0	0.0

RDNQ RAILROAD HP-QT MXLCEL 801.2 RDELV 816.9

X1	2420.000	0.0	0.0	0.0	85.000	85.000	85.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	801.200	816.900	0.0	0.0	0.0	0.0	0.0
BT	21.000	1000.000	831.700	0.0	1100.000	829.000	0.0	1200.000	826.300	0.0
BT	1300.000	823.300	0.0	1400.000	821.200	0.0	1500.000	819.300	0.0	1600.000
BT	817.800	0.0	1700.000	816.900	0.0	1710.500	816.900	799.200	1711.000	816.900
BT	800.500	1712.500	816.500	801.200	1714.000	816.900	800.500	1714.500	816.900	799.200
BT	1715.500	816.900	799.200	1716.000	816.900	800.500	1717.500	816.900	801.200	1719.000
BT	816.900	800.500	1719.500	816.900	799.200	1800.000	817.300	0.0	2100.000	823.300
BT	0.0	2400.000	831.100	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	2570.000	12.000	1253.000	1267.000	150.000	150.000	150.000	0.0	2.400	0.0
GR	816.800	1000.000	809.100	1100.000	802.300	1200.000	799.500	1253.000	796.500	1256.000
GR	796.000	1261.000	796.200	1265.000	799.600	1267.000	799.700	1300.000	804.600	1400.000
GR	814.800	1500.000	818.200	1600.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	461.000	823.000	1004.000	1439.000	1004.000	0.0	0.0	0.0	0.0

X1	3250.000	12.000	1284.000	1300.000	680.000	680.000	680.000	0.0	0.0	0.0
GR	825.000	1000.000	818.800	1100.000	811.000	1150.000	811.000	1200.000	809.600	1284.000
GR	806.100	1290.000	806.000	1295.000	806.100	1299.000	809.600	1300.000	811.900	1400.000
GR	821.500	1500.000	825.000	1538.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	3330.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
VC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	3350.000	21.000	1497.000	1503.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	827.200	1000.000	822.400	1100.000	819.300	1200.000	816.300	1300.000	815.700	1325.000
GR	811.000	1355.000	811.000	1405.000	809.600	1499.000	807.000	1497.000	808.200	1498.000
GR	806.000	1499.000	806.000	1500.000	806.000	1501.000	806.200	1502.000	807.000	1503.000
GR	806.100	1504.000	809.600	1505.000	811.900	1605.000	821.500	1705.000	825.000	1743.000
GR	827.700	1771.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	6.000	0.010	17.600	0.0	0.0	0.0

RDNQ HILLCREST ROAD MXLCEL 809.5 RDELV 812.9

X1	3385.000	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	809.500	812.900	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	827.700	0.0	1100.000	822.400	0.0	1200.000	819.300	0.0
BT	1300.000	816.300	0.0	1400.000	813.700	0.0	1497.000	812.900	807.000	1498.000
BT	812.900	808.900	1499.000	812.900	809.400	1500.000	812.900	809.500	1501.000	812.900
BT	809.400	1502.000	812.900	808.900	1503.000	812.900	807.000	1600.000	815.400	0.0
BT	1700.000	821.500	0.0	1771.000	827.700	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	3435.000	12.000	1204.000	1300.000	50.000	50.000	50.000	0.0	0.200	0.0
GR	825.000	1000.000	818.800	1100.000	811.000	1150.000	811.000	1200.000	809.600	1284.000
GR	806.100	1290.000	806.000	1295.000	806.100	1299.000	809.600	1300.000	811.900	1400.000
GR	821.500	1500.000	825.000	1538.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	3485.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
BT	5.000	396.000	721.000	888.000	1292.000	888.000	0.0	0.0	0.0	0.0

X1	4050.000	11.000	1149.000	1161.000	565.000	565.000	565.000	0.0	-1.300	0.0
GR	831.700	1000.000	819.300	1100.000	817.100	1149.000	815.000	1152.000	815.000	1155.000
GR	815.000	1157.000	818.700	1161.000	820.400	1200.000	823.400	1300.000	828.500	1400.000
GR	831.700	1463.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4100.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
VC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4150.000	19.000	1209.200	1214.800	50.000	50.000	50.000	0.0	0.0	0.0
GR	835.600	1000.000	824.800	1100.000	824.800	1117.000	819.300	1157.000	817.100	1206.000
GR	817.800	1209.200	815.800	1210.000	815.200	1211.000	815.000	1212.000	815.200	1213.000
GR	815.800	1214.000	817.800	1214.800	818.700	1218.000	820.400	1257.000	821.300	1286.000
GR	821.400	1300.000	825.200	1400.000	830.600	1500.000	834.500	1600.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.500	0.010	8.640	0.0	0.0	0.0

RDN3 MAPLEWOOD AVE. EXCEL 820.5 RDELV 821.0

X1	4190.000	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	820.500	821.000	0.0	0.0	0.0	0.0	0.0
BT	14.000	1000.000	835.600	0.0	1100.000	824.800	0.0	1200.000	821.000	0.0
BT	1209.200	821.000	817.800	1210.000	821.000	819.600	1211.000	821.000	820.300	1212.000
BT	821.000	820.500	1213.000	821.000	820.300	1214.000	821.000	819.600	1214.800	821.000
BT	817.800	1300.000	821.400	0.0	1400.000	825.200	0.0	1500.000	830.600	0.0
BT	1600.000	834.600	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	4240.000	11.000	1149.000	1161.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	831.700	1000.000	819.300	1100.000	817.100	1149.000	815.000	1152.000	815.000	1155.000
GR	815.000	1157.000	818.700	1161.000	820.400	1200.000	823.400	1300.000	828.500	1400.000
GR	831.700	1463.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4290.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
BT	5.000	395.000	719.000	882.000	1278.000	882.000	0.0	0.0	0.0	0.0

X1	4550.000	14.000	1282.000	1310.000	310.000	310.000	310.000	0.0	-2.000	0.0
GR	838.100	1000.000	835.500	1100.000	830.300	1200.000	826.800	1282.000	818.100	1293.000
GR	818.100	1296.000	818.800	1299.000	823.100	1310.000	825.700	1400.000	828.300	1500.000
GR	826.700	1600.000	832.300	1700.000	834.700	1800.000	838.100	1898.000	0.0	0.0

X1	4600.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.000	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4650.000	22.000	1632.000	1640.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	942.800	1000.000	838.900	1100.000	835.500	1200.000	832.800	1300.000	830.700	1400.000
GR	829.200	1500.000	828.200	1600.000	828.000	1622.000	822.000	1632.000	820.100	1632.000
GR	820.100	1640.000	822.000	1640.000	825.100	1650.000	827.700	1740.000	827.900	1748.000
GR	827.900	1800.000	829.300	1900.000	831.100	2000.000	833.100	2100.000	836.000	2200.000
GP	839.400	2300.000	842.800	2400.000	0.0	0.0	0.0	0.0	0.0	0.0
SR	0.900	1.500	2.500	0.0	8.000	0.010	48.000	0.0	0.0	0.0

R0NO OLD 109 MXLCEL 826.1 RDELV 827.8

X1	4730.000	0.0	0.0	1.0	80.000	80.000	80.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	826.100	827.800	0.0	0.0	0.0	0.0	0.0
BT	17.000	1000.000	842.800	0.0	1100.000	838.900	0.0	1200.000	835.500	0.0
BT	1300.000	832.800	0.0	1400.000	830.700	0.0	1500.000	829.200	0.0	1600.000
BT	828.200	0.0	1632.000	827.800	826.100	1640.000	827.800	826.100	1700.000	827.800
BT	0.0	1800.000	827.900	0.0	1900.000	829.300	0.0	2000.000	831.100	0.0
BT	2100.000	833.100	0.0	2200.000	836.000	0.0	2300.000	839.400	0.0	2400.000
BT	842.800	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

X1	4730.000	14.000	1282.000	1310.000	50.000	50.000	50.000	0.0	4.000	0.0
GR	838.100	1000.000	833.500	1100.000	830.300	1200.000	826.800	1282.000	818.100	1293.000
GR	818.100	1296.000	818.600	1299.000	823.100	1310.000	825.700	1400.000	828.300	1500.000
GR	828.700	1600.000	832.700	1700.000	834.700	1800.000	838.100	1898.000	0.0	0.0

X1	4830.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.000	0.0
BT	5.000	328.000	804.000	748.000	1101.000	748.000	0.0	0.0	0.0	0.0

X1	5000.000	12.000	1369.000	1381.000	170.000	170.000	170.000	0.0	-0.400	0.0
GR	843.000	1000.000	840.200	1100.000	832.700	1200.000	828.700	1300.000	827.000	1369.000
GR	824.600	1372.000	824.600	1374.000	824.600	1377.000	827.800	1331.000	828.000	1400.000
GR	835.400	1500.000	843.000	1569.600	0.0	0.0	0.0	0.0	0.0	0.0

X1	5050.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5100.000	19.000	1402.500	1407.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	844.400	1000.000	837.200	1100.000	842.600	1200.000	829.700	1300.000	829.500	1311.000
GR	828.500	1431.000	826.900	1402.500	825.400	1403.000	824.600	1404.000	824.400	1405.000
GR	824.600	1406.000	825.400	1407.000	826.900	1407.500	828.400	1412.000	827.600	1431.000
GR	832.000	1486.000	832.500	1500.000	840.800	1600.000	844.400	1534.000	0.0	0.0
GR	0.900	1.500	2.500	0.0	5.000	0.010	19.630	0.0	0.0	0.0

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R0NO NAME MXLCEL 829.4 RDELV 530.4

X1	5140.000	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	829.400	829.700	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	844.400	0.0	1100.000	837.600	0.0	1200.000	832.600	0.0
BT	2300.000	829.700	0.0	1400.000	830.400	0.0	1402.500	830.400	826.900	1403.000
BT	830.400	828.400	1404.000	830.400	828.400	1405.000	830.400	829.400	1406.000	830.400
BT	828.400	1407.000	830.400	828.400	1407.200	830.400	826.900	1500.000	832.500	0.0
BT	1600.000	840.800	0.0	1634.000	844.400	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

X1	5190.000	12.000	1369.000	1381.000	50.000	50.000	50.000	0.0	-0.100	0.0
GR	843.000	1000.000	840.200	1100.000	832.700	1200.000	828.700	1300.000	827.000	1369.000
GR	820.600	1372.000	824.600	1374.000	824.600	1377.000	827.800	1381.000	828.000	1400.000
GR	835.400	1500.000	843.000	1569.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	5240.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
DT	5.000	218.000	422.000	535.000	819.000	535.000	0.0	0.0	0.0	0.0

X1	6075.000	14.000	1204.000	1219.000	835.000	835.000	835.000	0.0	-3.400	0.0
GR	852.700	1000.000	841.300	1100.000	840.500	1200.000	840.000	1204.000	837.500	1210.000
GR	837.300	1212.000	832.500	1219.000	840.200	1300.000	840.300	1400.000	840.000	1500.000
GR	842.600	1600.000	848.000	1700.000	849.700	1800.000	852.700	1866.000	0.0	0.0

X1	6125.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.850	0.0
DC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	6175.000	25.000	1292.700	1297.300	50.000	50.000	50.000	0.0	0.0	0.0
GR	854.400	1000.000	849.300	1100.000	839.600	1184.000	838.800	1284.000	838.300	1288.000
GR	836.700	1292.700	836.100	1293.000	835.800	1294.000	835.700	1295.000	835.800	1296.000
GR	836.100	1297.000	836.700	1297.300	837.800	1303.000	838.500	1384.000	838.600	1484.000
GR	838.300	1584.000	840.900	1684.000	842.000	1706.000	844.000	1800.000	844.600	1900.000
GR	843.200	2000.000	843.100	2100.000	848.500	2200.000	850.300	2300.000	850.100	2315.000
SB	0.900	1.500	2.500	0.0	4.600	0.010	11.400	0.0	0.0	0.0

ROND CAROLINA AVE. MXI CEL 838.9 RDELV 849.9

X1	6215.000	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	838.900	839.800	0.0	0.0	0.0	0.0	0.0
DT	22.000	1000.000	854.400	0.0	1100.000	849.300	0.0	1171.000	842.200	0.0
DT	1200.000	842.700	0.0	1292.700	840.900	836.700	1293.000	840.900	837.700	1294.000
DT	840.900	838.700	1295.000	840.900	838.900	1296.000	840.900	838.700	1297.000	840.900
DT	837.700	1297.300	840.900	836.700	1400.000	840.400	0.0	1500.000	839.800	0.0
DT	1600.000	840.400	0.0	1700.000	841.900	0.0	1800.000	844.000	0.0	1900.000
DT	844.600	0.0	2000.000	843.200	0.0	2100.000	843.100	0.0	2200.000	848.500
DT	0.0	2300.000	850.300	0.0	2315.000	850.100	0.0	0.0	0.0	0.0
DC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	6265.000	14.000	1284.000	1219.000	50.000	50.000	50.000	0.0	-0.900	0.0
GR	852.700	1000.000	841.300	1100.000	840.500	1200.000	840.000	1204.000	837.500	1210.000
GR	837.300	1212.000	832.500	1219.000	840.200	1300.000	840.300	1400.000	840.000	1500.000
GR	842.600	1600.000	848.000	1700.000	849.700	1800.000	852.700	1866.000	0.0	0.0
DT	5.000	218.000	422.000	535.000	819.000	535.000	0.0	0.0	0.0	0.0

X1	6315.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
DC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	6365.000	22.000	1759.700	1764.300	50.000	50.000	50.000	0.0	0.0	0.0
GR	855.500	1000.000	848.800	1100.000	844.700	1200.000	842.200	1300.000	841.800	1400.000
GR	841.800	1500.000	841.400	1600.000	841.300	1650.000	841.000	1751.000	840.500	1755.000
GR	838.800	1759.700	838.200	1760.000	838.000	1761.000	837.900	1762.000	838.000	1763.000
GR	844.200	1764.000	838.800	1764.300	840.000	1770.000	840.700	1851.000	847.600	2000.000
GR	852.700	2100.000	855.500	2147.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	4.600	0.010	11.400	0.0	0.0	0.0

ROND LAMBETH AVENUE MXI CEL 841.1 RDELV 842.0

X1	6405.000	0.0	0.0	0.0	40.000	40.000	40.000	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 3T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.027000	0.0	0.0	0.	769.000	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	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 CEHV= 0.300
 *SECNO 300.000

SECNO	DEPTH	CWSEL	CRIWS	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	XLOBR	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3720	CRITICAL	DEPTH	ASSUMED						
300.00	4.64	767.64	767.64	769.00	768.90	1.26	0.0	0.0	793.60
450.	0.	438.	12.	0.	48.	8.	0.	0.	766.90
0.0	0.0	9.12	1.54	0.055	0.335	0.055	0.0	763.00	1216.92
0.012280	300.	300.	300.	0	12	0	0.0	33.76	1250.68

CCHV= 0.100 CEHV= 0.300
 *SECNO 350.000

3301 HV CHANGED MORE THAN HVINS

350.00	5.16	768.76	0.0	0.0	769.44	0.69	0.49	0.06	770.40
450.	0.	450.	0.	0.	68.	0.	0.	0.	770.40
0.00	0.0	6.65	0.0	0.060	0.040	0.060	0.039	763.60	1247.00
0.007958	50.	50.	50.	3	0	0	0.0	14.00	1261.00

SPECIAL BRIDGE

5070.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFO	RDLEN	BWC	BWP	DAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	14.00	0.01	70.00	0.0	763.60	763.60

*SECNO 374.000
 PRESSURE FLOW

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50.51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 3T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.027000	0.0	0.0	0.	771.000	0.0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	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 CEHV= 0.300

*SECNO 300.000

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

3720 CRITICAL DEPTH ASSUMED

300.00	5.22	768.22	768.22	771.00	769.31	1.09	0.0	0.0	793.60
538.	0.	489.	49.	0.	56.	24.	0.	0.	766.90
0.0	0.0	8.77	2.02	0.055	0.035	0.055	0.0	763.00	1216.77
0.009734	3.00	300.	300.	0	11	0	0.0	50.25	1267.02

CCHV= 0.100 CEHV= 0.300

*SECNO 350.000

350.00	5.31	768.91	0.0	0.0	769.83	0.92	0.50	0.02	770.40
538.	0.	538.	0.	0.	70.	0.	0.	0.	770.40
0.00	0.0	7.70	0.0	0.060	0.040	0.060	0.039	763.60	1247.00
0.010401	50.	50.	50.	2	0	0	0.0	14.00	1261.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFO	RDLN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	14.00	0.01	70.00	0.0	763.60	763.60

*SECNO 374.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
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 HEC2 RELEASE DATED NOV 76... FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 3T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

JJ	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-10.	5.	0.	0.	0.027000	0.0	0.0	0.	772.000	0.0
J2	NPROF	PLOT	PRFVS	XSECV	XSECH	FW	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

CCHV= 0.100 CEHV= 0.300
 *SECNO 300.000

SECNO	DEPTH	CWSEL	CRWS	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	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
300.00	7.37	770.37	770.37	772.00	771.38	1.01	0.0	0.0	793.60
1542.	0.	861.	681.	0.	85.	165.	0.	0.	766.90
0.0	0.0	10.16	4.13	0.055	0.035	0.055	0.0	763.00	1216.19
0.008688	300.	300.	300.	0	14	0	0.0	102.86	1319.05

CCHV= 0.100 CEHV= 0.300
 *SECNO 350.000

SECNO	DEPTH	CWSEL	CRWS	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	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3685	20 TRIALS ATTEMPTED	WSEL	CWSEL						
3693	PROBABLE MINIMUM SPECIFIC ENERGY								
3720	CRITICAL DEPTH ASSUMED								
350.00	8.34	771.94	771.94	0.0	772.31	0.87	0.44	0.01	770.40
1542.	165.	1013.	364.	64.	112.	127.	0.	0.	770.40
0.00	2.59	9.02	2.87	0.060	0.040	0.060	0.039	763.60	1188.78
0.008864	50.	50.	50.	20	8	0	0.0	171.92	1360.70

SPECIAL BRIDGE

5070. VARIABLE ELCHU OR ELCHO ON CARD SB NOT SPECIFIED

 MEC2 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

*PRO- 20000
 10 1/2
 100 1/2*

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
*	300.000	300.00	0.0	0.0	350.00	763.00	766.72	766.72	9.67	1217.17	1229.82	36.19	0.0
*	300.000	300.00	0.0	0.0	450.00	763.00	767.64	767.64	9.12	1216.92	1250.68	55.67	0.92
*	300.000	300.00	0.0	0.0	538.00	763.00	768.22	768.22	8.77	1216.77	1267.02	80.18	0.58
*	300.000	300.00	0.0	0.0	1542.00	763.00	770.37	770.37	10.16	1216.19	1319.05	249.55	2.15
	350.000	50.00	0.0	0.0	350.00	763.60	768.27	0.0	5.76	1247.00	1261.00	60.81	0.0
	350.000	50.00	0.0	0.0	450.00	763.60	768.76	0.0	6.65	1247.00	1261.00	67.69	0.49
	350.000	50.00	0.0	0.0	538.00	763.60	768.91	0.0	7.70	1247.00	1261.00	69.90	0.15
*	350.000	50.00	0.0	0.0	1542.00	763.60	771.94	771.94	9.02	1188.78	1360.70	302.90	3.03
	374.000	24.00	770.40	768.90	350.00	763.60	768.27	0.0	5.75	1247.00	1261.00	60.82	0.0
	374.000	24.00	770.40	768.90	450.00	763.60	769.13	0.0	6.17	1247.00	1261.00	72.89	0.86
	374.000	24.00	770.40	768.90	538.00	763.60	769.57	0.0	6.80	1247.00	1261.00	79.11	0.44
	374.000	24.00	770.40	768.90	1542.00	763.60	772.08	0.0	8.45	1187.12	1365.07	327.33	2.51
	424.000	50.00	0.0	0.0	350.00	763.80	768.44	0.0	7.09	1216.92	1250.76	55.77	0.0
	424.000	50.00	0.0	0.0	450.00	763.80	769.50	0.0	6.08	1216.64	1280.23	107.04	1.06
	424.000	50.00	0.0	0.0	538.00	763.80	770.20	0.0	5.43	1216.45	1300.10	159.42	0.70
	424.000	50.00	0.0	0.0	1542.00	763.80	772.78	0.0	5.63	1179.01	1350.69	456.35	2.58
*	2185.000	1761.00	0.0	0.0	315.00	796.00	799.28	799.28	9.13	1253.22	1266.81	34.51	0.0
*	2185.000	1761.00	0.0	0.0	365.00	796.00	800.14	800.14	7.19	1240.82	1309.05	68.77	0.86
*	2185.000	1761.00	0.0	0.0	415.00	796.00	800.34	800.34	7.32	1257.10	1313.06	82.94	0.20
*	2185.000	1761.00	0.0	0.0	1476.00	796.00	802.12	802.12	10.18	1203.40	1349.39	280.49	1.78
*	2335.000	150.00	0.0	0.0	315.00	797.20	801.47	801.47	6.64	1692.44	1765.62	68.49	0.0
*	2335.000	150.00	0.0	0.0	365.00	797.20	801.58	801.58	6.95	1690.33	1767.89	76.88	0.11
*	2335.000	150.00	0.0	0.0	415.00	797.20	801.67	801.67	7.27	1688.57	1769.79	84.29	0.09
*	2335.000	150.00	0.0	0.0	1476.00	797.20	803.27	0.0	8.11	1658.40	1802.32	263.71	1.59
	2420.000	85.00	816.90	801.20	315.00	797.20	805.12	0.0	0.70	1630.05	1840.31	594.12	0.0
	2420.000	85.00	816.90	801.20	365.00	797.20	806.49	0.0	0.50	1609.97	1860.81	911.34	1.37
*	2420.000	85.00	816.90	801.20	415.00	797.20	808.02	0.0	0.37	1587.44	1875.82	1324.31	1.53
	2420.000	85.00	816.90	801.20	1476.00	797.20	818.50	0.0	0.28	1446.99	2027.56	5693.45	10.48
	2570.000	150.00	0.0	0.0	315.00	798.40	805.12	0.0	1.66	1193.84	1361.61	374.56	0.0
	2570.000	150.00	0.0	0.0	365.00	798.40	806.49	0.0	1.14	1173.68	1389.59	637.55	1.37
	2570.000	150.00	0.0	0.0	415.00	798.40	808.02	0.0	0.81	1151.12	1410.04	1004.48	1.53
	2570.000	150.00	0.0	0.0	1476.00	798.40	818.50	0.0	0.54	1009.10	1538.22	5036.16	10.48

1440 SMITH DRIVE

24400 High Point, Monroeville & Franklin Twp.

2185

2335

2420

2570

SECMO	XLCH	ELTPD	ELLC	Q	ELMIN	CWSEL	CRISWS	VCH	SSTA	ENDST	AREA	DIFWSP
3250.000	580.00	0.0	0.0	461.00	806.00	810.42	910.42	7.28	1234.82	1335.64	92.08	0.0
3250.000	680.00	0.0	0.0	823.00	806.00	811.34	811.34	7.19	1147.81	1375.77	243.16	0.92
3250.000	680.00	0.0	0.0	1004.00	806.00	811.53	811.53	7.66	1146.60	1383.95	286.95	0.19
3250.000	680.00	0.0	0.0	1439.00	806.00	818.50	0.0	1.07	1101.92	1468.76	2432.91	6.97
3300.000	50.00	0.0	0.0	461.00	806.00	811.17	0.0	4.60	1148.97	1367.90	202.72	0.0
3300.000	50.00	0.0	0.0	823.00	806.00	811.84	0.0	5.09	1144.63	1397.32	362.29	0.67
3300.000	50.00	0.0	0.0	1004.00	806.00	812.06	0.0	5.37	1143.23	1401.62	417.98	0.22
3300.000	50.00	0.0	0.0	1439.00	806.00	818.50	0.0	1.07	1101.90	1468.78	2433.54	6.45
3350.000	50.00	0.0	0.0	461.00	806.00	811.36	0.0	4.08	1352.67	1581.75	239.52	0.0
3350.000	50.00	0.0	0.0	823.00	806.00	812.02	0.0	4.13	1348.48	1606.27	400.37	0.66
3350.000	50.00	0.0	0.0	1004.00	806.00	812.25	0.0	4.23	1347.02	1608.65	459.85	0.22
3350.000	50.00	0.0	0.0	1439.00	806.00	818.51	0.0	0.78	1226.50	1673.80	2543.33	6.26
3385.000	35.00	812.90	809.50	461.00	806.00	814.14	0.0	0.74	1334.93	1628.38	985.38	0.0
3385.000	35.00	812.90	809.50	823.00	806.00	814.71	0.0	1.08	1331.26	1634.37	1157.17	0.57
3385.000	35.00	812.90	809.50	1004.00	806.00	814.93	0.0	1.24	1329.89	1636.61	1222.49	0.22
3385.000	35.00	812.90	809.50	1439.00	806.00	818.59	0.0	0.76	1223.32	1674.79	2586.12	3.67
3435.000	50.00	0.0	0.0	461.00	806.20	814.14	0.0	0.99	1131.11	1421.33	936.99	0.0
3435.000	50.00	0.0	0.0	823.00	806.20	814.71	0.0	1.47	1127.45	1427.27	1105.28	0.57
3435.000	50.00	0.0	0.0	1004.00	806.20	814.93	0.0	1.67	1126.06	1429.53	1170.68	0.22
3435.000	50.00	0.0	0.0	1439.00	806.20	818.59	0.0	1.09	1102.59	1467.66	2394.32	3.67
4050.000	50.00	0.0	0.0	461.00	806.40	814.14	0.0	1.07	1132.43	1419.18	877.51	0.0
4050.000	50.00	0.0	0.0	823.00	806.40	814.71	0.0	1.56	1128.76	1425.14	1044.29	0.57
4050.000	50.00	0.0	0.0	1004.00	806.40	814.93	0.0	1.78	1127.36	1427.41	1109.31	0.22
4050.000	50.00	0.0	0.0	1439.00	806.40	818.60	0.0	1.12	1103.89	1465.57	2321.57	3.66
4100.000	565.00	0.0	0.0	396.00	813.70	817.63	817.63	8.17	1108.28	1166.24	74.41	0.0
4100.000	565.00	0.0	0.0	721.00	813.70	818.51	818.51	8.94	1095.91	1186.40	140.97	0.88
4100.000	565.00	0.0	0.0	888.00	813.70	818.74	818.74	9.69	1094.03	1191.74	162.88	0.23
4100.000	565.00	0.0	0.0	1292.00	813.70	819.43	819.43	9.95	1088.43	1211.17	238.90	0.70
4100.000	50.00	0.0	0.0	396.00	814.40	818.37	818.37	8.00	1107.43	1167.11	76.65	0.0
4100.000	50.00	0.0	0.0	721.00	814.40	819.22	819.22	8.87	1095.80	1186.70	142.16	0.85
4100.000	50.00	0.0	0.0	888.00	814.40	819.50	819.50	9.38	1093.53	1193.16	168.98	0.28
4100.000	50.00	0.0	0.0	1292.00	814.40	820.00	820.00	10.60	1099.49	1206.77	223.05	0.50
4150.000	50.00	0.0	0.0	396.00	815.00	819.07	819.07	7.89	1162.13	1226.48	71.29	0.0
4150.000	50.00	0.0	0.0	721.00	815.00	819.74	0.0	8.04	1153.30	1241.74	122.78	0.67
4150.000	50.00	0.0	0.0	888.00	815.00	820.07	0.0	7.70	1150.46	1249.39	154.06	0.33
4150.000	50.00	0.0	0.0	1292.00	815.00	820.70	0.0	7.43	1145.09	1266.64	223.10	0.53
4190.000	40.00	821.00	820.50	396.00	815.00	819.07	0.0	7.87	1162.06	1226.55	71.50	0.0
4190.000	40.00	821.00	820.50	721.00	815.00	819.74	0.0	8.00	1153.26	1241.85	123.24	0.67
4190.000	40.00	821.00	820.50	888.00	815.00	822.92	0.0	1.78	1126.13	1340.04	603.97	3.18
4190.000	40.00	821.00	820.50	1292.00	815.00	823.39	0.0	2.19	1122.23	1352.25	706.91	0.46
4240.000	50.00	0.0	0.0	396.00	815.00	819.59	0.0	5.56	1097.65	1181.44	122.15	0.0
4240.000	50.00	0.0	0.0	721.00	815.00	820.04	0.0	7.89	1094.08	1191.61	162.36	0.45
4240.000	50.00	0.0	0.0	888.00	815.00	822.92	0.0	2.90	1070.82	1283.95	605.57	2.88
4240.000	50.00	0.0	0.0	1292.00	815.00	823.38	0.0	3.65	1067.10	1299.33	708.30	0.46

HILL LANE DRIVE

34+50

MAPLEWOOD AVENUE

41+10

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
4290.000	50.00	n.0	0.0	396.00	815.40	819.70	0.0	6.61	1099.92	1174.98	99.77	0.0
4290.000	50.00	n.0	0.0	721.00	815.40	820.32	0.0	8.36	1094.94	1189.16	152.08	0.62
4290.000	50.00	n.0	0.0	888.00	815.40	822.93	0.0	3.31	1073.94	1271.06	526.25	2.61
4290.000	50.00	n.0	0.0	1292.00	815.40	823.40	0.0	4.12	1070.16	1286.65	622.99	0.47
4550.000	310.00	n.0	0.0	395.00	816.10	821.27	0.0	5.46	1286.46	1315.87	72.87	0.0
4550.000	310.00	n.0	0.0	719.00	816.10	822.24	0.0	7.20	1285.24	1349.25	117.91	0.97
4550.000	310.00	n.0	0.0	882.00	816.10	822.90	0.0	7.00	1284.40	1372.41	168.79	0.66
4550.000	310.00	n.0	0.0	1278.00	816.10	823.32	823.06	8.76	1283.87	1386.96	208.94	0.42
4600.000	50.00	n.0	0.0	395.00	818.10	822.00	822.00	8.77	1298.07	1307.18	45.03	0.0
4600.000	50.00	n.0	0.0	719.00	818.10	823.28	823.28	9.88	1296.44	1316.39	73.32	1.29
4600.000	50.00	n.0	0.0	882.00	818.10	824.03	824.03	9.47	1285.50	1342.11	105.48	0.74
4600.000	50.00	n.0	0.0	1278.00	818.10	825.00	825.00	9.81	1284.28	1375.76	177.47	0.97
4650.000	50.00	n.0	0.0	395.00	820.10	824.34	824.34	9.66	1628.10	1647.55	47.33	0.0
4650.000	50.00	n.0	0.0	719.00	820.10	826.04	826.04	9.40	1625.27	1682.56	101.35	1.70
4650.000	50.00	n.0	0.0	882.00	820.10	826.46	826.46	9.63	1624.57	1697.10	128.61	0.42
4650.000	50.00	n.0	0.0	1278.00	820.10	827.10	827.10	10.49	1623.50	1719.26	182.49	0.64
4730.000	80.00	827.80	826.10	395.00	820.10	824.52	0.0	9.06	1627.80	1648.12	50.86	0.0
4730.000	80.00	827.80	826.10	719.00	820.10	828.36	0.0	3.21	1584.30	1832.65	366.39	3.84
4730.000	80.00	827.80	826.10	882.00	820.10	828.59	0.0	3.46	1561.31	1848.07	428.03	0.23
4730.000	80.00	827.80	826.10	1278.00	820.10	828.98	0.0	4.01	1522.41	1876.86	552.94	0.39
4780.000	50.00	n.0	0.0	395.00	822.10	826.00	826.00	8.76	1298.07	1307.19	45.08	0.0
4780.000	50.00	n.0	0.0	719.00	822.10	827.61	827.28	8.86	1286.03	1327.87	85.22	1.61
4780.000	50.00	n.0	0.0	882.00	822.10	828.03	828.03	9.46	1285.50	1342.18	105.59	0.42
4780.000	50.00	n.0	0.0	1278.00	822.10	829.08	829.08	9.54	1284.18	1378.48	184.75	1.05
4830.000	50.00	n.0	0.0	395.00	824.10	828.00	828.00	8.78	1288.07	1307.18	44.99	0.0
4830.000	50.00	n.0	0.0	719.00	824.10	829.31	829.31	9.81	1286.42	1317.12	73.96	1.31
4830.000	50.00	n.0	0.0	882.00	824.10	830.03	830.03	9.47	1285.51	1342.07	105.41	0.72
4830.000	50.00	n.0	0.0	1278.00	824.10	831.05	831.05	9.63	1284.21	1377.54	182.21	1.02
5000.000	170.00	n.0	0.0	328.00	824.20	829.54	0.0	2.32	1268.84	1426.30	282.71	0.0
5000.000	170.00	n.0	0.0	604.00	824.20	831.09	0.0	2.14	1230.49	1447.03	569.52	1.54
5000.000	170.00	n.0	0.0	748.00	824.20	831.64	0.0	2.17	1216.60	1454.54	695.84	0.55
5000.000	170.00	n.0	0.0	1101.00	824.20	832.56	0.0	2.39	1196.54	1467.02	931.61	0.92
5050.000	50.00	n.0	0.0	328.00	824.30	829.57	0.0	2.42	1270.83	1425.22	270.27	0.0
5050.000	50.00	n.0	0.0	604.00	824.30	831.10	0.0	2.21	1232.53	1445.93	552.03	1.53
5050.000	50.00	n.0	0.0	748.00	824.30	831.65	0.0	2.24	1218.81	1453.34	674.90	0.55
5050.000	50.00	n.0	0.0	1101.00	824.30	832.57	0.0	2.45	1197.70	1465.84	903.10	0.92
5100.000	50.00	n.0	0.0	328.00	824.40	829.60	0.0	1.97	1305.94	1455.90	233.95	0.0
5100.000	50.00	n.0	0.0	604.00	824.40	831.12	0.0	1.47	1251.26	1474.91	519.69	1.52
5100.000	50.00	n.0	0.0	748.00	824.40	831.66	0.0	1.43	1232.36	1481.76	649.33	0.55
5100.000	50.00	n.0	0.0	1101.00	824.40	832.59	0.0	1.48	1200.49	1501.03	902.53	0.93
5140.000	40.00	829.70	829.40	328.00	824.40	830.75	0.0	0.95	1263.58	1470.45	442.81	0.0
5140.000	40.00	829.70	829.40	604.00	824.40	831.41	0.0	1.28	1240.60	1478.78	591.12	0.67
5140.000	40.00	829.70	829.40	748.00	824.40	831.85	0.0	1.32	1225.51	1484.25	699.82	0.44
5140.000	40.00	829.70	829.40	1101.00	824.40	832.72	0.0	1.40	1197.54	1502.68	944.09	0.87

7

3

4600

4650

4730

4780

4830

5000

5050

5100

5140

to 57 OLD NL 107

51+20 FAIRHORN ROAD

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
6672 * 6505.000	50.00	0.0	0.0	218.00	839.30	842.38	842.38	4.66	1200.97	1514.58	111.69	0.0
* 6505.000	50.00	0.0	0.0	422.00	839.30	842.64	842.64	5.54	1182.56	1524.60	196.02	0.26
* 6505.000	50.00	0.0	0.0	535.00	839.30	842.71	842.71	6.22	1173.44	1527.40	221.43	0.07
* 6505.000	50.00	0.0	0.0	819.00	839.30	842.90	842.90	7.19	1150.02	1534.61	290.58	0.19
* 7830.000	1345.00	0.0	0.0	137.00	848.70	852.35	852.35	4.67	1059.04	1220.34	70.62	0.0
* 7850.000	1345.00	0.0	0.0	284.00	848.70	852.63	852.63	6.07	1057.98	1223.40	116.08	0.28
7900 * 7850.000	1345.00	0.0	0.0	370.00	848.70	852.78	0.0	6.27	1057.36	1225.17	142.98	0.16
* 7850.000	1345.00	0.0	0.0	593.00	848.70	853.22	0.0	6.12	1055.72	1229.89	216.34	0.03

SUMMARY OF ERRORS

- CAUTION SECNO= 300.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 300.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 300.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 300.000 PROFILE= 4 CRITICAL DEPTH ASSUMED

- CAUTION SECNO= 350.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 350.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 350.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

- CAUTION SECNO= 2185.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2185.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2185.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2185.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2185.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 2185.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2185.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2185.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 2185.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2185.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2185.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

- CAUTION SECNO= 2335.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2335.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2335.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2335.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2335.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 2335.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2335.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2335.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL

- CAUTION SECNO= 2420.000 PROFILE= 3 HYDRAULIC JUMP D.S.

- CAUTION SECNO= 3250.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 3250.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 3250.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 3250.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 3250.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 3250.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 3250.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 3250.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 3250.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION	SECNO=	PROFILE=	PROBABLE MINIMUM SPECIFIC ENERGY
	3385.000	4	HYDRAULIC JUMP D.S.
CAUTION	4050.000	1	CRITICAL DEPTH ASSUMED
CAUTION	4050.000	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4050.000	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4050.000	2	CRITICAL DEPTH ASSUMED
CAUTION	4050.000	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4050.000	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4050.000	3	CRITICAL DEPTH ASSUMED
CAUTION	4050.000	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4050.000	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4050.000	4	CRITICAL DEPTH ASSUMED
CAUTION	4050.000	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4050.000	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4100.000	1	CRITICAL DEPTH ASSUMED
CAUTION	4100.000	1	MINIMUM SPECIFIC ENERGY
CAUTION	4100.000	2	CRITICAL DEPTH ASSUMED
CAUTION	4100.000	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4100.000	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4100.000	3	CRITICAL DEPTH ASSUMED
CAUTION	4100.000	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4100.000	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4100.000	4	CRITICAL DEPTH ASSUMED
CAUTION	4100.000	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4100.000	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4150.000	1	CRITICAL DEPTH ASSUMED
CAUTION	4150.000	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4150.000	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4600.000	1	CRITICAL DEPTH ASSUMED
CAUTION	4600.000	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4600.000	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4600.000	2	CRITICAL DEPTH ASSUMED
CAUTION	4600.000	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4600.000	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4600.000	3	CRITICAL DEPTH ASSUMED
CAUTION	4600.000	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4600.000	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4600.000	4	CRITICAL DEPTH ASSUMED
CAUTION	4600.000	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4600.000	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4650.000	1	CRITICAL DEPTH ASSUMED
CAUTION	4650.000	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4650.000	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4650.000	2	CRITICAL DEPTH ASSUMED
CAUTION	4650.000	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4650.000	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4650.000	3	CRITICAL DEPTH ASSUMED
CAUTION	4650.000	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4650.000	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4650.000	4	CRITICAL DEPTH ASSUMED
CAUTION	4650.000	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4650.000	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4730.000	1	HYDRAULIC JUMP D.S.
CAUTION	4780.000	1	CRITICAL DEPTH ASSUMED
CAUTION	4780.000	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4780.000	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4780.000	3	CRITICAL DEPTH ASSUMED
CAUTION	4780.000	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	4780.000	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	4780.000	4	CRITICAL DEPTH ASSUMED

CAUTION SECNO= 6365.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6365.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 6365.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6365.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6365.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 6365.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6365.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6365.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 6365.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6365.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6365.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 6505.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6505.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6505.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 6505.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6505.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6505.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 6505.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6505.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6505.000 PROFILE= 5 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 6505.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 6505.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 6505.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 7850.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7850.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 7850.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7850.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

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
300.000	0.	-1.5	-0.6	2.1
350.000	50.	-0.6	-0.2	3.0
374.000	74.	-1.3	-0.4	2.5
424.000	124.	-1.8	-0.7	2.6
2185.000	1885.	-1.1	-0.2	1.8
2335.000	2035.	-0.2	0.1	1.6
2420.000	2120.	-2.9	-1.5	10.5
2570.000	2270.	-2.9	-1.5	10.5
3250.000	2950.	-1.1	-0.2	7.0
3300.000	3000.	-0.9	-0.2	6.4
3350.000	3050.	-0.9	-0.2	6.3
3385.000	3085.	-0.8	-0.2	3.7
3435.000	3135.	-0.8	-0.2	3.7
3485.000	3185.	-0.8	-0.2	3.7
4050.000	3750.	-1.1	-0.2	0.7
4100.000	3800.	-1.1	-0.3	0.5
4150.000	3850.	-1.0	-0.3	0.6
4190.000	3890.	-3.8	-3.2	0.5
4240.000	3940.	-3.3	-2.9	0.5
4290.000	3990.	-3.2	-2.6	0.5
4550.000	4300.	-1.6	-0.7	0.4
4600.000	4350.	-2.0	-0.7	1.0
4650.000	4400.	-2.1	-0.4	0.6
4730.000	4480.	-4.1	-0.2	0.4
4780.000	4530.	-2.0	-0.4	1.0
4830.000	4580.	-2.0	-0.7	1.0
5000.000	4750.	-2.1	-0.6	0.9
5050.000	4800.	-2.1	-0.5	0.9
5100.000	4850.	-2.1	-0.5	0.9
5140.000	4890.	-1.1	-0.4	0.7
5190.000	4940.	-1.1	-0.4	0.9
5240.000	4990.	-1.1	-0.4	0.9
6075.000	5825.	-0.3	-0.1	0.2
6125.000	5875.	-0.3	-0.0	0.2
6175.000	5925.	-0.2	-0.1	0.2
6215.000	5965.	-2.3	-0.1	0.3
6265.000	6015.	-1.4	-0.1	0.3
6315.000	6065.	-0.5	-0.1	0.3
6365.000	6115.	-0.5	-0.2	0.2
6405.000	6155.	-0.3	-0.1	0.2
6455.000	6205.	-0.3	-0.1	0.2
6505.000	6255.	-0.3	-0.1	0.2
7850.000	7600.	-0.4	-0.2	0.4

WEIGHTED AVG FOR REACH		-1.3	-0.5	2.2

FHF FOR THE REACH = 0.15 WITH 40.8% OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = A 3

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION 10E	AVG ELEVATION 1E	DATA DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
1	0.					SEC. 300,000	
	100.	768.3	768.9	-0.6	-0.6	005	100.
	50.					SEC. 350,000	
	74.					SEC. 374,000	
2	124.					SEC. 424,000	
	200.	769.1	770.9	-1.7	-1.2	010	0.
3	300.	770.6	772.4	-1.7	-1.4	015	67.
4	400.	772.4	774.1	-1.7	-1.4	015	75.
5	500.	774.1	775.8	-1.6	-1.5	015	80.
6	600.	775.9	777.5	-1.6	-1.5	015	83.
7	700.	777.7	779.2	-1.6	-1.5	015	86.
8	800.	779.4	780.9	-1.5	-1.5	015	88.
9	900.	781.2	782.6	-1.5	-1.5	015	89.
10	1000.	782.9	784.3	-1.4	-1.5	015	90.
11	1100.	784.7	786.0	-1.4	-1.5	015	91.
12	1200.	786.4	787.8	-1.4	-1.5	015	92.
13	1300.	788.2	789.5	-1.3	-1.5	015	92.
14	1400.	789.9	791.2	-1.3	-1.4	015	93.
15	1500.	791.7	792.9	-1.2	-1.4	015	93.
16	1600.	793.4	794.6	-1.2	-1.4	015	94.
17	1700.	795.2	796.3	-1.2	-1.4	015	94.
18	1800.	796.9	798.0	-1.1	-1.4	015	94.
19	1885.					SEC. 2185,000	
	1900.	798.6	799.7	-1.0	-1.4	015	95.
20	2000.	800.2	800.9	-0.7	-1.3	015	90.
	2035.					SEC. 2335,000	
21	2100.	802.6	803.9	-1.3	-1.3	015	90.
	2125.					SEC. 2420,000	
22	2200.	804.7	807.3	-2.6	-1.4	015	86.
	2270.					SEC. 2570,000	
23	2300.	805.2	808.1	-2.9	-1.5	015	83.
24	2400.	805.7	808.4	-2.7	-1.5	015	79.
25	2500.	806.5	809.0	-2.4	-1.5	015	72.
26	2600.	807.3	809.5	-2.2	-1.6	015	69.
27	2700.	808.1	810.0	-1.9	-1.6	015	70.
28	2800.	808.6	810.5	-1.6	-1.6	015	71.
29	2900.	809.6	811.0	-1.4	-1.6	015	72.
	2950.					SEC. 3250,000	
30	3000.	810.6	811.7	-1.1	-1.5	015	73.
	3000.					SEC. 3300,000	
	3050.					SEC. 3350,000	
	3085.					SEC. 3385,000	
31	3100.	814.1	814.9	-0.8	-1.5	015	74.
	3135.					SEC. 3435,000	
	3185.					SEC. 3485,000	
32	3200.	814.2	815.0	-0.8	-1.5	015	72.
33	3300.	814.5	815.4	-0.8	-1.5	015	70.
34	3400.	815.2	816.0	-0.9	-1.5	015	68.
35	3500.	815.8	816.7	-0.9	-1.5	015	66.
36	3600.	816.4	817.4	-1.0	-1.4	015	67.
37	3700.	817.0	818.1	-1.1	-1.4	015	70.
	3750.					SEC. 4050,000	
38	3800.	817.8	819.0	-1.1	-1.4	015	71.
	3800.					SEC. 4100,000	
	3850.					SEC. 4150,000	

	3890.					SEC.	4190,000	
39	3900.	819.1	822.9	-3.8	-1.5	015	67.	
	3940.					SEC.	4240,000	
	3990.					SEC.	4290,000	
40	4000.	819.7	822.9	-3.2	-1.5	015	63.	
41	4100.	820.0	822.9	-2.9	-1.6	015	56.	
42	4200.	820.5	822.9	-2.4	-1.6	015	52.	
	4300.					SEC.	4550,000	
43	4300.	821.0	822.9	-1.9	-1.6	015	53.	
	4350.					SEC.	4600,000	
44	4400.	822.8	824.7	-1.9	-1.6	015	55.	
	4490.					SEC.	4650,000	
	4480.					SEC.	4730,000	
45	4500.	824.8	828.5	-3.7	-1.6	015	49.	
	4530.					SEC.	4780,000	
	4580.					SEC.	4830,000	
46	4600.	828.1	830.1	-2.0	-1.7	015	50.	
47	4700.	828.6	830.7	-2.1	-1.7	015	49.	
	4750.					SEC.	5000,000	
48	4800.	829.3	831.4	-2.1	-1.7	015	52.	
	4800.					SEC.	5050,000	
	4850.					SEC.	5100,000	
	4890.					SEC.	5140,000	
49	4900.	830.7	831.9	-1.1	-1.7	015	49.	
	4940.					SEC.	5190,000	
	4990.					SEC.	5240,000	
50	5000.	830.8	831.9	-1.1	-1.6	015	50.	
51	5100.	831.2	832.3	-1.1	-1.6	015	49.	
52	5200.	831.9	832.9	-1.0	-1.6	015	48.	
53	5300.	832.7	833.6	-0.9	-1.6	015	51.	
54	5400.	833.4	834.2	-0.8	-1.6	015	54.	
55	5500.	834.2	834.9	-0.7	-1.6	015	51.	
56	5600.	834.9	835.5	-0.6	-1.6	015	52.	
57	5700.	835.7	836.2	-0.5	-1.5	015	53.	
58	5800.	836.4	836.8	-0.4	-1.5	015	52.	
	5825.					SEC.	6075,000	
	5875.					SEC.	6125,000	
59	5900.	838.0	838.3	-0.3	-1.5	015	51.	
	5925.					SEC.	6175,000	
	5965.					SEC.	6215,000	
60	6000.	838.9	840.9	-2.0	-1.5	015	52.	
	6015.					SEC.	6265,000	
	6065.					SEC.	6315,000	
61	6100.	840.5	841.0	-0.5	-1.5	015	52.	
	6115.					SEC.	6365,000	
	6155.					SEC.	6405,000	
62	6200.	841.9	842.2	-0.3	-1.5	015	50.	
	6205.					SEC.	6455,000	
	6255.					SEC.	6505,000	
63	6300.	842.5	842.9	-0.3	-1.5	015	51.	
64	6400.	843.1	843.4	-0.3	-1.4	015	52.	
65	6500.	843.8	844.2	-0.3	-1.4	015	51.	
66	6600.	844.6	844.9	-0.4	-1.4	015	50.	
67	6700.	845.3	845.7	-0.4	-1.4	015	48.	
68	6800.	846.0	846.4	-0.4	-1.4	015	46.	
69	6900.	846.8	847.2	-0.4	-1.4	015	46.	
70	7000.	847.5	847.9	-0.4	-1.3	015	46.	
71	7100.	848.3	848.7	-0.4	-1.3	015	45.	
72	7200.	849.0	849.4	-0.4	-1.3	015	46.	
73	7300.	849.8	850.2	-0.4	-1.3	015	45.	
74	7400.	850.5	850.9	-0.4	-1.3	015	46.	
75	7500.	851.2	851.7	-0.4	-1.3	015	47.	
	7600.					SEC.	7850,000	

THIS REACH CAN BE SURDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END

OF EACH REACH BY INC NO. FOR EXAMPLE 2020 23 75
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50.51.52

EU