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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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T1 LEXINGTON-DAVIDSON CO. STREAM 22L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1.	2.	0.	0.	0.014000	0.0	0.0	0.	622.700	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	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
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	826.000	1380.000	1620.000	2200.000	1620.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	10.400	0.0	0.0	0.0	0.0
X1	400.000	18.000	1485.000	1568.000	400.000	400.000	400.000	0.0	0.0	0.0
GR	651.300	1000.000	643.000	1100.000	635.500	1200.000	636.700	1500.000	634.600	1400.000
GR	633.900	1485.000	620.800	1502.000	618.600	1510.000	617.700	1520.000	617.700	1520.000
GR	621.300	1550.000	621.500	1554.000	634.600	1568.000	634.900	1600.000	635.000	2000.000
GR	636.800	2075.000	627.800	2094.000	636.300	2110.000	0.0	0.0	0.0	0.0
QT	5.000	820.000	1380.000	1620.000	2200.000	1620.000	0.0	0.0	0.0	0.0
X1	1350.000	10.000	1256.000	1394.000	950.000	950.000	950.000	0.0	0.0	0.0
GR	655.700	1000.000	641.700	1100.000	638.500	1200.000	639.600	1256.000	630.600	1374.000
GR	639.800	1394.000	640.000	1400.000	639.300	1450.000	643.900	1500.000	654.800	1550.000
QT	5.000	820.000	1380.000	1620.000	2200.000	1620.000	0.0	0.0	0.0	0.0
X1	2483.000	12.000	1350.000	1388.000	1133.000	1133.000	1133.000	0.0	0.0	0.0
GR	661.200	1000.000	656.400	1050.000	654.900	1100.000	652.300	1150.000	650.200	1200.000
GR	640.400	1250.000	645.400	1300.000	645.500	1350.000	638.900	1368.000	644.900	1388.000
GR	646.700	1400.000	661.200	1426.000	0.0	0.0	0.0	0.0	0.0	0.0
QC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2583.000	13.000	1423.000	1429.000	100.000	100.000	100.000	0.0	0.0	0.0
GR	667.900	1000.000	662.200	1014.000	662.000	1050.000	661.600	1100.000	653.600	1146.000
GR	653.700	1197.000	642.400	1423.000	640.400	1424.000	639.400	1426.000	640.400	1428.000
GR	642.400	1429.000	650.500	1550.000	664.200	1600.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	6.000	0.010	28.260	0.0	0.0	0.0

X1	2644.000	0.0	0.0	0.0	61.000	61.000	61.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	645.400	652.000	0.0	0.0	0.0	0.0	0.0
BT	22.000	1000.000	667.900	0.0	1014.000	662.200	0.0	1050.000	662.000	0.0
BT	1100.000	661.600	0.0	1146.000	653.600	0.0	1200.000	653.600	0.0	1250.000
BT	653.000	0.0	1300.000	653.500	0.0	1350.000	652.200	0.0	1400.000	652.200
BT	0.0	1422.900	652.400	0.0	1423.000	652.400	642.400	1424.000	652.400	644.400
BT	1426.000	652.500	645.400	1428.000	652.500	644.400	1429.000	652.500	642.400	1429.100
BT	652.500	0.0	1436.000	652.500	0.0	1450.000	653.500	0.0	1500.000	656.700
BT	0.0	1550.000	660.500	0.0	1600.000	664.200	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	2744.000	12.000	1350.000	1388.000	100.000	100.000	100.000	0.0	1.000	0.0
GR	661.200	1000.000	656.400	1050.000	654.900	1100.000	652.500	1150.000	650.200	1200.000
GR	646.400	1250.000	645.400	1300.000	645.500	1350.000	638.900	1368.000	644.900	1388.000
GR	646.700	1400.000	661.200	1426.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	820.000	1373.000	1620.000	2200.000	1620.000	0.0	0.0	0.0	0.0

X1	4378.000	11.000	1179.000	1206.000	1634.000	1634.000	1634.000	0.0	0.0	0.0
GR	674.900	1000.000	666.900	1050.000	659.100	1119.000	661.500	1160.000	657.700	1169.000
GR	657.300	1179.000	651.700	1191.000	657.300	1206.000	659.500	1300.000	667.800	1350.000
GR	674.900	1400.000	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
QT	5.000	725.000	1159.000	1359.000	1817.000	1359.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	4568.000	12.000	1428.000	1454.000	190.000	190.000	190.000	0.0	0.0	0.0
GR	680.400	1000.000	672.100	1100.000	665.400	1200.000	663.600	1300.000	663.700	1400.000
GR	664.800	1428.000	660.300	1436.000	660.000	1444.000	660.400	1450.000	664.600	1454.000
GR	675.500	1500.000	680.400	1524.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	647.000	1057.000	1220.000	2239.000	1220.000	0.0	0.0	0.0	0.0

X1	5767.000	10.000	1263.000	1287.000	1199.000	1199.000	1199.000	0.0	-0.900	0.0
GR	688.700	1000.000	684.400	1100.000	674.100	1200.000	673.800	1263.000	669.300	1270.000
GR	668.900	1277.000	669.200	1282.000	673.500	1287.000	675.200	1300.000	688.700	1367.000

X1	5817.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5867.000	23.000	1331.000	1347.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	691.100	1000.000	682.700	1100.000	682.200	1200.000	682.100	1208.000	676.500	1262.000
GR	676.200	1325.000	673.800	1331.000	672.000	1331.700	671.500	1333.500	672.000	1335.300
GR	675.800	1336.000	673.800	1342.000	672.000	1342.700	671.300	1344.500	672.000	1346.500
GR	673.800	1347.000	675.900	1347.000	677.600	1362.000	683.200	1339.000	683.500	1400.000
GR	688.100	1500.000	693.800	1600.000	696.500	1634.000	0.0	0.0	0.0	0.0
SP	0.900	1.000	2.500	0.0	16.000	0.017	39.250	0.0	0.0	0.0

X1	5922.000	0.0	0.0	0.0	55.000	55.000	55.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	676.300	0.0	0.0	0.0	0.0	0.0	0.0
BT	18.000	1000.000	691.100	0.0	1100.900	682.700	0.0	1209.000	632.200	0.0
BT	1300.000	681.200	0.0	1331.000	681.600	673.800	1331.700	681.600	675.600	1333.500
BT	681.600	676.500	1335.300	681.600	675.600	1336.000	681.600	673.800	1342.000	681.600
BT	673.800	1342.700	681.600	675.600	1344.500	681.700	676.300	1346.300	681.800	675.600
BT	1347.000	681.800	673.800	1400.000	673.500	0.0	1500.000	688.100	0.0	1600.000
BT	693.800	0.0	1434.000	696.500	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	5972.000	10.000	1263.000	1287.000	50.000	50.000	50.000	0.0	2.400	0.0
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GR	688,700	1000,000	684,400	1100,000	674,100	1250,000	673,800	1263,000	669,300	1270,000
GR	668,900	1277,000	669,200	1282,000	673,500	1287,000	675,200	1300,000	688,700	1367,000

X1	6022,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.0	0.0
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X1	6037,000	15,000	1166,000	1178,000	15,000	15,000	15,000	0.0	0,900	0.0
GR	688,600	1000,000	683,300	1010,000	677,900	1100,000	681,000	1117,000	681,300	1130,000
GR	680,900	1143,000	673,700	1166,000	671,400	1167,000	670,800	1171,000	671,400	1175,000
GR	673,600	1178,000	678,800	1188,000	679,000	1200,000	682,900	1300,000	688,600	1313,000

X1	6087,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0,200	0.0
NC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	6137,000	18,000	1096,000	1104,000	50,000	50,000	50,000	0.0	0.0	0.0
GR	701,000	910,000	690,600	929,000	685,300	939,000	679,900	1029,000	683,000	1046,000
GR	683,300	1059,000	682,900	1072,000	675,700	1095,000	673,400	1096,000	672,800	1096,000
GR	672,800	1104,000	673,400	1104,000	675,600	1107,000	680,800	1117,000	681,000	1129,000
GR	684,900	1229,000	690,600	1242,000	699,300	1260,000	0.0	0.0	0.0	0.0
SB	0,900	1,500	2,500	0.0	8,000	0,010	55,000	0.0	0.0	0.0

X1	6249,000	0.0	0.0	0.0	112,000	112,000	112,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	679,800	0.0	0.0	0.0	0.0	0.0	0.0
BT	7,000	910,000	701,000	0.0	1000,000	701,000	0.0	1096,000	701,100	379,800
BT	1104,000	701,100	679,800	1154,500	700,600	0.0	1202,000	700,000	0.0	1260,000
BT	699,300	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	6299,000	13,000	1177,000	1201,000	50,000	50,000	50,000	0.0	0,800	0.0
GR	695,100	1000,000	683,400	1021,000	679,600	1100,000	679,300	1115,000	682,100	1133,000
GR	682,500	1146,000	682,100	1159,000	679,100	1177,000	672,300	1187,000	672,100	1193,000
GR	672,400	1200,000	682,300	1201,000	695,100	1281,000	0.0	0.0	0.0	0.0

X1	6315,000	0.0	0.0	0.0	17,000	17,000	17,000	0.0	0,100	0.0
BT	5,000	530,000	662,000	1022,000	1343,000	1022,000	0.0	0.0	0.0	0.0

X1	6418,000	13,000	1270,000	1287,000	102,000	102,000	102,000	0.0	-2,800	0.0
GR	699,800	1000,000	688,400	1100,000	686,400	1185,000	686,700	1198,000	687,200	1211,000
GR	682,900	1270,000	677,900	1275,000	677,700	1280,000	678,000	1285,000	682,300	1287,000
GR	655,000	1300,000	688,100	1355,000	699,800	1380,000	0.0	0.0	0.0	0.0

X1	6468,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0,400	0.0
IC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	6518,000	24,000	1459,000	1471,000	50,000	50,000	50,000	0.0	0.0	0.0
GR	700,600	1000,000	684,100	1100,000	688,400	1200,000	686,200	1300,000	684,300	1350,000
GR	684,600	1400,000	684,800	1410,000	681,600	1455,000	678,900	1459,000	677,100	1459,700
GR	676,400	1461,500	677,100	1463,300	678,900	1464,000	678,900	1466,000	677,100	1466,700
GR	676,400	1468,500	677,100	1470,300	678,900	1471,000	681,000	1472,000	683,700	1485,000
GR	680,800	1540,000	689,300	1546,000	691,900	1600,000	697,000	1700,000	0.0	0.0
SB	0,900	1,500	2,500	0.0	12,000	0,010	39,250	0.0	0.0	0.0

X1	6586,000	0.0	0.0	0.0	68,000	68,000	68,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	681,430	0.0	0.0	0.0	0.0	0.0	0.0
BT	18,000	1000,000	700,600	0.0	1100,000	694,100	0.0	1200,000	688,400	0.0
BT	1300,000	686,200	0.0	1400,000	684,600	0.0	1459,000	685,700	678,900	1459,700

BT	685,700	680,700	1461,500	685,700	681,400	1463,300	685,800	680,700	1464,000	685,800
BT	678,900	1466,000	685,800	678,900	1466,700	685,800	680,700	1468,500	685,900	681,400
JT	1470,300	685,900	680,700	1471,000	685,900	678,900	1500,000	687,000	0.0	1600,000
BT	691,900	0.0	1700,000	697,900	0.0	0.0	0.0	0.0	0.0	0.0

X1	6686,000	13,000	1270,000	1287,000	100,000	100,000	100,000	0.0	0.0	0.0
GR	699,600	1000,000	688,400	1100,000	686,400	1185,000	686,700	1198,000	687,200	1211,000
GR	682,900	1270,000	677,900	1275,000	677,700	1280,000	678,000	1285,000	682,300	1287,000
GR	685,000	1300,000	688,100	1355,000	699,800	1380,000	0.0	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	6906,000	0.0	0.0	0.0	220,000	220,000	200,000	0.0	1,200	0.0
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X1	7006,000	25,000	1370,000	1384,000	100,000	100,000	100,000	0.0	0.0	0.0
GR	684,500	1000,000	686,600	1100,000	688,500	1200,000	689,200	1257,000	688,700	1282,000
GR	689,200	1295,000	689,500	1308,000	685,200	1367,000	682,500	1370,000	680,700	1370,700
GR	680,000	1372,500	680,700	1374,300	682,500	1375,000	682,500	1379,000	680,700	1379,700
GR	680,000	1381,500	680,700	1383,300	682,500	1384,000	684,600	1384,000	687,300	1397,000
GR	690,400	1452,000	692,900	1458,000	694,000	1500,000	697,100	1600,000	700,300	1700,000
SS	0.900	1.500	2.500	0.0	14,000	0.010	39,250	0.0	0.0	0.0

X1	7077,000	0.0	0.0	0.0	71,000	71,000	71,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	685,000	0.0	0.0	0.0	0.0	0.0	0.0
BT	18,000	1000,000	684,500	0.0	1100,000	686,600	0.0	1200,000	688,500	0.0
BT	1300,000	689,800	0.0	1370,000	691,200	682,500	1370,700	691,200	684,300	1372,500
BT	691,200	685,000	1374,300	691,300	684,300	1375,000	691,300	682,500	1379,000	691,300
BT	682,500	1379,700	691,300	684,300	1381,500	691,300	685,000	1383,300	691,400	684,300
BT	1384,000	691,400	682,500	1400,000	691,700	0.0	1500,000	694,000	0.0	1600,000
BT	697,100	0.0	1700,000	700,300	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	<del>7077,000</del> 7077,000	13,000	1270,000	1287,000	131,000	131,000	131,000	0.0	4,300	0.0
GR	699,600	1000,000	688,400	1100,000	686,400	1185,000	686,700	1198,000	687,200	1211,000
GR	682,900	1270,000	677,900	1275,000	677,700	1280,000	678,000	1285,000	682,300	1287,000
GR	685,000	1300,000	688,100	1355,000	699,800	1380,000	0.0	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	7318,000	18,000	1331,600	1340,000	110,000	110,000	110,000	0.0	0.0	0.0
GR	705,700	1000,000	699,900	1100,000	696,600	1115,000	693,700	1184,000	690,600	1284,000
GR	688,500	1328,000	685,300	1331,000	683,900	1331,000	683,900	1340,000	684,200	1340,000
GR	684,400	1343,000	686,500	1348,000	683,500	1384,000	693,700	1400,000	685,300	1467,000
GR	695,900	1500,000	697,900	1600,000	703,400	1700,000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	9,000	0.010	63,000	0.0	0.0	0.0

X1	7363,000	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	690,000	0.0	0.0	0.0	0.0	0.0	0.0
BT	11,000	1000,000	705,700	0.0	1100,000	699,900	0.0	1200,000	695,200	0.0
BT	1300,000	693,100	0.0	1331,000	693,200	690,900	1340,000	693,200	690,900	1400,000
BT	693,700	0.0	1467,000	685,300	0.0	1500,000	695,900	0.0	1600,000	697,900
BT	0.0	1700,000	703,400	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	7394,000	15,000	1244,000	1264,000	31,000	31,000	31,000	0.0	1,900	0.0
GR	702,900	1000,000	696,000	1031,000	693,100	1100,000	690,000	1200,000	687,900	1244,000
GR	683,700	1246,000	683,300	1252,000	683,800	1259,000	687,900	1264,000	692,900	1300,000
GR	695,100	1350,000	695,800	1382,000	696,500	1400,000	698,500	1500,000	702,900	1564,000
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5,000	530,000	862,000	1022,000	1393,000	1022,000	0.0	0.0	0.0	0.0

X1	7424.000	17.000	1278.000	1284.000	30.000	30.000	30.000	0.0	0.0	0.0
GR	710.900	1000.000	707.600	1044.000	699.200	1060.000	696.300	1129.000	693.200	1229.000
GR	691.100	1273.000	689.500	1278.000	687.400	1278.900	686.500	1281.000	687.400	1283.100
GR	689.500	1284.000	691.100	1293.000	695.800	1328.000	696.100	1400.000	699.300	1500.000
GR	702.200	1600.000	706.500	1700.000	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	28.260	0.0	0.0	0.0

X1	7513.000	0.0	0.0	0.0	89.000	89.000	89.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	692.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	710.900	0.0	1100.000	703.500	0.0	1200.000	698.900	0.0
BT	1278.000	696.100	689.500	1278.900	696.100	691.600	1281.000	696.000	692.500	1283.100
BT	696.000	691.600	1284.000	696.000	689.500	1300.000	695.800	0.0	1400.000	696.100
BT	0.0	1500.000	699.300	0.0	1600.000	702.200	0.0	1700.000	706.500	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	7563.000	15.000	1244.000	1264.000	50.000	50.000	50.000	0.0	4.000	0.0
GR	702.900	1000.000	696.000	1031.000	693.100	1100.000	690.000	1200.000	687.900	1244.000
GR	683.700	1248.000	683.300	1252.000	683.800	1259.000	687.900	1264.000	692.900	1300.000
GR	695.100	1350.000	695.800	1382.000	696.500	1400.000	698.500	1500.000	702.900	1564.000

X1	7613.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
QT	5.000	388.000	652.000	785.000	1098.000	785.000	0.0	0.0	0.0	0.0

X1	7983.000	9.000	1247.000	1265.000	370.000	370.000	370.000	0.0	6.600	0.0
GR	701.500	1000.000	693.800	1100.000	689.900	1200.000	688.700	1247.000	685.500	1253.000
GR	684.000	1260.000	685.500	1262.000	687.200	1265.000	701.500	1300.000	0.0	0.0

X1	8033.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8058.000	17.000	1329.500	1334.500	25.000	25.000	25.000	0.0	0.0	0.0
GR	713.500	1000.000	705.100	1100.000	703.700	1143.000	701.100	1172.000	697.200	1272.000
GR	696.000	1319.000	692.800	1325.000	692.500	1329.500	691.600	1330.600	691.300	1332.000
GR	691.600	1333.400	692.500	1334.500	694.500	1337.000	700.900	1400.000	705.700	1500.000
GR	705.500	1600.000	713.500	1683.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	15.430	0.0	0.0	0.0

X1	8094.000	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	695.300	0.0	0.0	0.0	0.0	0.0	0.0
BT	17.000	1000.000	713.500	0.0	1100.000	705.100	0.0	1200.000	701.100	0.0
BT	1300.000	699.600	0.0	1329.500	699.400	692.500	1329.600	699.400	693.400	1329.800
BT	699.400	694.000	1331.000	699.400	695.100	1332.000	699.500	695.300	1333.000	699.600
BT	695.100	1334.200	699.600	694.000	1334.400	699.600	693.400	1334.500	699.600	692.500
BT	1400.000	700.500	0.0	1500.000	705.700	0.0	1600.000	709.500	0.0	1683.000
BT	713.500	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	8123.000	9.000	1247.000	1265.000	25.000	25.000	25.000	0.0	7.500	0.0
GR	701.500	1000.000	693.800	1100.000	689.900	1200.000	688.700	1247.000	685.500	1253.000
GR	684.000	1260.000	685.500	1262.000	687.200	1265.000	701.500	1300.000	0.0	0.0

X1	8173.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
QT	5.000	354.000	699.000	724.000	1020.000	724.000	0.0	0.0	0.0	0.0

X1	8369.000	14.000	1353.000	1364.000	196.000	196.000	196.000	0.0	-8.200	0.0
GR	727.300	1000.000	718.000	1100.000	714.000	1200.000	712.300	1300.000	710.700	1353.000
GR	704.800	1355.000	703.600	1357.000	704.800	1361.000	710.700	1364.000	714.200	1400.000
GR	718.100	1500.000	719.700	1600.000	725.800	1700.000	727.300	1722.000	0.0	0.0

X1	8419.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8444.000	12.000	1257.700	1260.200	25.000	25.000	25.000	0.0	0.0	0.0
GR	719.900	1000.000	712.900	1100.000	710.600	1200.000	709.000	1255.000	703.200	1257.700
GR	702.300	1258.100	701.900	1259.000	702.300	1259.900	703.200	1260.200	709.000	1266.000
GR	712.500	1302.000	718.400	1388.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	2.200	2.500	0.0	2.500	0.010	4.910	0.0	0.0	0.0

X1	8510.000	0.0	0.0	0.0	66.000	66.000	66.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	704.400	0.0	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	719.900	0.0	1100.000	712.900	0.0	1200.000	710.600	0.0
BT	1257.700	712.700	703.200	1258.100	712.700	704.100	1259.000	712.700	704.400	1259.900
BT	712.700	704.100	1260.200	712.700	703.200	1300.000	714.600	0.0	1388.000	718.400
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

X1	8535.000	14.000	1353.000	1364.000	25.000	25.000	25.000	0.0	0.0	0.0
GR	727.300	1000.000	718.000	1100.000	714.000	1200.000	712.300	1300.000	710.700	1353.000
GR	704.800	1355.000	703.600	1357.000	704.800	1361.000	710.700	1364.000	714.200	1400.000
GR	718.100	1500.000	719.700	1600.000	725.800	1700.000	727.300	1722.000	0.0	0.0

X1	8091.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	3.400	0.0
BT	5.000	234.000	408.000	502.000	728.000	502.000	0.0	0.0	0.0	0.0

X1	8751.000	10.000	1185.000	1222.000	166.000	166.000	166.000	0.0	0.0	0.0
GR	729.500	1000.000	716.900	1100.000	713.200	1185.000	710.900	1188.000	710.800	1195.000
GR	711.100	1200.000	726.100	1222.000	726.900	1300.000	724.900	1323.000	729.500	1337.000

X1	8801.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8851.000	12.000	1295.500	1296.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	726.100	1100.000	725.500	1169.000	721.500	1202.000	717.800	1287.000	716.900	1255.500
GR	715.800	1295.900	715.400	1297.000	715.800	1298.100	716.900	1298.500	723.400	1302.000
GR	723.600	1400.000	727.300	1500.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	3.000	0.010	7.100	0.0	0.0	0.0

X1	8900.000	0.0	0.0	0.0	49.000	49.000	49.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	718.400	0.0	0.0	0.0	0.0	0.0	0.0
BT	10.000	1100.000	728.100	0.0	1200.000	724.400	0.0	1295.500	723.400	716.900
BT	1295.900	723.400	718.000	1297.000	723.400	718.400	1298.100	723.400	718.000	1298.500
BT	723.400	716.900	1300.000	723.400	0.0	1400.000	723.600	0.0	1500.000	727.300
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

X1	8950.000	10.000	1185.000	1222.000	50.000	50.000	50.000	0.0	7.300	0.0
GR	729.500	1000.000	716.900	1100.000	713.200	1185.000	710.900	1188.000	710.800	1195.000
GR	711.100	1200.000	726.100	1222.000	726.900	1300.000	724.900	1323.000	729.500	1337.000

XI 9000.000 0.0 0.0 0.0 50.000 50.000 50.000 0.0 2.700 0.0  
 EU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

\*PROF 1

CCHV= 0.100 CCHV= 0.300

\*SECNO 400.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QRCB	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	3.70	621.40	621.36	622.70	622.38	0.98	0.0	0.0	633.90
820.	0.	820.	0.	0.	103.	0.	0.	0.	634.60
0.0	0.0	7.95	0.0	0.055	0.035	0.055	0.0	617.70	1501.23
0.013876	400.	400.	400.	0	16	0	0.0	50.68	1551.90

\*SECNO 1350.000

1350.00	3.80	634.40	0.0	0.0	635.26	0.85	12.87	0.01	639.60
820.	0.	820.	0.	0.	111.	0.	2.	1.	639.80
0.04	0.0	7.41	0.0	0.055	0.035	0.055	0.035	630.60	1324.12
0.013230	950.	950.	950.	4	0	0	0.0	58.15	1382.27

\*SECNO 2483.000

2483.00	6.11	645.01	0.0	0.0	645.83	0.81	10.57	0.00	645.50
820.	0.	820.	0.	0.	113.	0.	5.	2.	644.90
0.08	0.0	7.24	0.02	0.055	0.035	0.055	0.035	638.90	1351.32
0.006925	1133.	1133.	1133.	5	0	0	0.0	37.44	1388.77

CCHV= 0.100 CCHV= 0.300

\*SECNO 2583.000

3301 HV CHANGED MORE THAN HVINS

2583.00	6.54	645.94	0.0	0.0	646.13	0.19	0.24	0.06	642.40
820.	376.	164.	281.	125.	33.	94.	6.	5.	642.40
0.09	3.00	4.92	3.00	0.025	0.025	0.025	0.034	639.40	1352.16
0.001189	100.	100.	100.	2	0	0	0.0	129.72	1481.90

SPECIAL BRIDGE

5070. VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFO	ROLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	6.00	0.01	26.26	0.0	639.40	639.40

\*SECNO 2644.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QRCB	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

PRESSURE AND WEIR FLOW

EGPRS EGLWC H3 OWEIR GPR BAREA TRAPEZOID ELLC ELTRD  
 AREA



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

T1 LEXINGTON-DAVIDSON CO. STREAM 22L  
 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	FG
	-10.	3.	0.	0.	0.014000	0.0	0.0	0.	623.700	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHMIM	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 400.000

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	GLOSS	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
3720	CRITICAL DEPTH ASSUMED								
400.00	4.50	622.20	622.20	623.70	623.58	1.38	0.0	0.0	533.90
1330.	0.	1380.	0.	0.	146.	0.	0.	0.	634.60
0.0	0.0	9.42	0.0	0.055	0.035	0.055	0.0	617.70	1500.18
0.013674	400.	400.	400.	0	19	0	0.0	54.57	1554.75

\*SECNO 1350.000

1350.00	4.63	635.23	635.18	0.0	636.33	1.10	12.72	0.03	639.60
1380.	0.	1380.	0.	0.	164.	0.	3.	1.	639.80
0.03	0.0	8.41	0.0	0.055	0.035	0.055	0.035	630.60	1313.26
0.013105	950.	950.	950.	4	5	0	0.0	70.81	1384.07

\*SECNO 2433.000

2433.00	7.11	646.01	645.94	0.0	647.15	1.14	10.81	0.01	645.50
1380.	54.	1320.	6.	37.	151.	4.	8.	4.	644.90
0.07	1.43	8.75	1.54	0.055	0.035	0.055	0.035	638.90	1269.48
0.007258	1133.	1133.	1133.	10	18	0	0.0	125.93	1395.40

CCHV= 0.100 CEHV= 0.300  
 \*SECNO 2583.000

3301 HV CHANGED MORE THAN HVINS

2583.00	7.86	647.26	0.0	0.0	647.42	0.15	0.17	0.10	642.40
1380.	686.	183.	512.	237.	41.	177.	9.	4.	642.40
0.08	2.90	4.44	2.90	0.025	0.025	0.025	0.034	639.40	1325.72

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

T1 LEXINGTON-DAVIDSON CO. STREAM 22L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	4.	0.	0.	0.014000	0.0	0.0	0.	625.700	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	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 400.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
TIME	VLOS	VCH	VROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	XNCH	XNR	WTN	ELMIN	SSTA
					IDC	ICONT	CORAR	TOPWID	ENDST

3720 CRITICAL DEPTH ASSUMED

400.00	4.82	622.52	622.52	625.70	624.04	1.52	0.0	0.0	633.90
1620.	0.	1620.	0.	0.	164.	0.	0.	0.	634.60
0.0	0.0	9.89	0.0	0.055	0.035	0.055	0.0	617.70	1499.77
0.013289	400.	400.	400.	0	14	0	0.0	55.32	1555.09

\*SECNO 1350.000

1350.00	4.90	635.50	635.48	0.0	636.71	1.21	12.64	0.03	639.60
1620.	0.	1620.	0.	0.	164.	0.	4.	1.	639.80
0.03	0.0	8.81	0.0	0.055	0.035	0.055	0.035	630.60	1309.70
0.013321	950.	950.	950.	6	5	0	0.0	74.96	1304.66

\*SECNO 2483.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
TIME	VLOS	VCH	VROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	XNCH	XNR	WTN	ELMIN	SSTA
					IDC	ICONT	CORAR	TOPWID	ENDST

7185 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

2483.00	7.51	646.40	646.40	0.0	647.52	1.11	10.27	0.01	645.50
1620.	136.	1470.	14.	73.	166.	8.	9.	4.	644.90
0.07	1.87	8.87	1.80	0.055	0.035	0.055	0.035	638.90	1249.93
0.006562	1133.	1133.	1133.	6	14	0	0.0	148.10	1396.03

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

T1 LEXINGTON-DAVIDSON CO. STREAM 22L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.014000	0.0	0.0	5.	626.700	0.0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	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 0

CCHV= 0.100 CCHV= 0.300

\*SECNO 400.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	DLOSS	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
3720	CRITICAL DEPTH ASSUMED								
400.00	5.51	623.21	623.21	626.70	625.04	1.83	0.0	0.0	633.90
2200.	0.	2200.	0.	0.	203.	0.	0.	0.	634.60
0.0	0.0	10.25	0.0	0.055	0.035	0.055	0.0	617.70	1498.87
0.012623	400.	400.	400.	0	14	0	0.0	56.96	1555.83

\*SECNO 1350.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	DLOSS	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

1350.00	5.50	636.10	636.10	0.0	637.51	1.41	12.34	0.04	639.60
2200.	0.	2200.	0.	0.	231.	0.	5.	2.	639.80
0.03	0.0	9.52	0.0	0.055	0.035	0.055	0.035	630.60	1301.92
0.013363	950.	950.	950.	4	5	0	0.0	84.03	1385.95

\*SECNO 2483.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	DLOSS	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

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF  
 SUMMARY PRINTOUT

617.7  
 617.7  
 621.4  
 622.2  
 622.5  
 625.2

IN	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP	OUT
	400.000	400.00	0.0	0.0	820.00	617.70	621.40	621.36	7.95	1501.23	1551.90	103.20	0.0	
*	400.000	400.00	0.0	0.0	1380.00	617.70	622.20	622.20	9.42	1500.18	1554.75	146.42	0.81	
*	400.000	400.00	0.0	0.0	1620.00	617.70	622.52	622.52	9.89	1499.77	1555.09	163.73	0.31	
*	400.000	400.00	0.0	0.0	2200.00	617.70	623.21	623.21	10.85	1498.87	1555.83	202.78	0.70	
	1350.000	950.00	0.0	0.0	820.00	630.60	634.40	0.0	7.41	1324.12	1382.27	110.60	0.0	
	1350.000	950.00	0.0	0.0	1380.00	630.60	635.23	635.18	8.41	1313.26	1384.07	164.00	0.82	
	1350.000	950.00	0.0	0.0	1620.00	630.60	635.50	635.44	8.81	1309.70	1384.66	183.82	0.28	
*	1350.000	950.00	0.0	0.0	2200.00	630.60	636.10	636.10	9.52	1301.92	1385.95	230.98	0.59	
	2483.000	1133.00	0.0	0.0	820.00	638.90	645.01	0.0	7.24	1351.32	1388.77	113.34	0.0	
	2483.000	1133.00	0.0	0.0	1380.00	638.90	646.01	645.94	8.75	1269.48	1395.40	192.23	1.00	
	2483.000	1133.00	0.0	0.0	1620.00	638.90	646.40	646.40	8.87	1249.93	1398.03	246.35	0.39	
*	2483.000	1133.00	0.0	0.0	2200.00	638.90	647.01	647.01	9.57	1241.97	1400.56	339.42	0.61	
	2583.000	100.00	0.0	0.0	820.00	639.40	645.94	0.0	4.92	1352.18	1481.90	252.32	0.0	
	2583.000	100.00	0.0	0.0	1380.00	639.40	647.26	0.0	4.44	1325.72	1501.66	454.48	1.32	
	2583.000	100.00	0.0	0.0	1620.00	639.40	647.61	0.0	4.53	1318.64	1506.94	518.90	0.35	
	2583.000	100.00	0.0	0.0	2200.00	639.40	648.27	0.0	4.84	1305.44	1516.20	650.82	0.66	
	2644.000	61.00	652.00	645.40	820.00	639.40	653.36	0.0	0.49	1203.74	1560.45	2131.01	0.0	
	2644.000	61.00	652.00	645.40	1380.00	639.40	654.02	0.0	0.72	1143.54	1562.87	2392.19	0.66	
	2644.000	61.00	652.00	645.40	1620.00	639.40	654.23	0.0	0.81	1142.34	1563.63	2479.52	0.21	
	2644.000	61.00	652.00	645.40	2200.00	639.40	654.63	0.0	1.02	1140.02	1565.11	2650.77	0.41	
	2744.000	100.00	0.0	0.0	820.00	639.90	653.36	0.0	0.97	1148.91	1410.14	1425.70	0.0	
	2744.000	100.00	0.0	0.0	1380.00	639.90	654.01	0.0	1.46	1136.25	1411.32	1602.14	0.66	
	2744.000	100.00	0.0	0.0	1620.00	639.90	654.22	0.0	1.66	1132.33	1411.69	1658.72	0.20	
	2744.000	100.00	0.0	0.0	2200.00	639.90	654.62	0.0	2.12	1124.63	1412.41	1772.19	0.40	
*	4378.000	1634.00	0.0	0.0	820.00	651.70	657.77	657.77	9.19	1168.33	1226.20	95.88	0.0	
*	4378.000	1634.00	0.0	0.0	1373.00	651.70	659.05	659.04	9.59	1165.79	1280.96	206.45	1.28	
*	4378.000	1634.00	0.0	0.0	1620.00	651.70	659.62	659.62	9.15	1114.39	1300.73	202.13	0.57	
*	4378.000	1634.00	0.0	0.0	2200.00	651.70	660.08	660.08	10.39	1110.34	1303.42	354.29	0.46	
*	4568.000	190.00	0.0	0.0	725.00	660.00	664.45	664.45	6.68	1253.03	1453.85	189.37	0.0	
*	4568.000	190.00	0.0	0.0	1159.00	660.00	664.93	664.93	7.52	1225.96	1455.40	292.41	0.49	
*	4568.000	190.00	0.0	0.0	1359.00	660.00	665.01	665.01	8.37	1221.66	1455.73	310.35	0.08	
*	4568.000	190.00	0.0	0.0	1817.00	660.00	665.38	665.38	8.88	1201.10	1457.29	401.07	0.37	

SECNO	XLCH	ELTRD	ELLC	G	ELMIN	CWSEL	CRIMS	VCH	SSTA	ENDST	AREA	DIFWSP
5767.000	1199.00	0.0	0.0	647.00	668.00	672.60	0.0	8.34	1263.46	1237.03	77.62	0.0
5767.000	1199.00	0.0	0.0	1037.00	668.00	673.83	673.53	8.71	1193.03	1296.44	164.36	1.23
5767.000	1199.00	0.0	0.0	1220.00	668.00	674.19	674.19	8.90	1190.42	1299.13	201.48	0.35
5767.000	1199.00	0.0	0.0	1639.00	668.00	674.68	674.68	9.09	1185.62	1301.89	257.15	0.49
5817.000	50.00	0.0	0.0	647.00	668.90	673.00	673.00	9.79	1264.24	1286.42	66.08	0.0
5817.000	50.00	0.0	0.0	1037.00	668.90	674.75	674.75	8.65	1193.68	1296.57	165.99	1.75
5817.000	50.00	0.0	0.0	1220.00	668.90	675.06	675.06	9.01	1190.72	1298.90	198.17	0.30
5817.000	50.00	0.0	0.0	1639.00	668.90	675.62	675.62	9.76	1185.28	1302.07	261.30	0.56
5867.000	50.00	0.0	0.0	647.00	671.30	676.94	676.94	7.08	1257.73	1356.20	123.01	0.0
5867.000	50.00	0.0	0.0	1037.00	671.30	677.38	677.38	8.53	1253.51	1360.06	167.88	0.44
5867.000	50.00	0.0	0.0	1220.00	671.30	677.57	677.57	8.92	1251.66	1361.76	188.69	0.19
5867.000	50.00	0.0	0.0	1639.00	671.30	677.95	677.95	9.64	1248.04	1363.68	231.12	0.38
5922.000	55.00	681.20	676.30	647.00	671.30	681.92	0.0	0.95	1209.72	1382.34	804.87	0.0
5922.000	55.00	681.20	676.30	1037.00	671.30	682.67	0.0	1.27	1104.52	1386.48	965.17	0.75
5922.000	55.00	681.20	676.30	1220.00	671.30	682.87	0.0	1.43	1098.02	1387.39	1019.47	0.20
5922.000	55.00	681.20	676.30	1639.00	671.30	683.25	0.0	1.75	1093.50	1390.69	1130.64	0.38
5972.000	50.00	0.0	0.0	647.00	671.30	681.91	0.0	1.35	1147.43	1321.41	828.09	0.0
5972.000	50.00	0.0	0.0	1037.00	671.30	682.66	0.0	1.88	1140.16	1325.13	962.35	0.75
5972.000	50.00	0.0	0.0	1220.00	671.30	682.86	0.0	2.13	1138.26	1326.10	998.94	0.20
5972.000	50.00	0.0	0.0	1639.00	671.30	683.23	0.0	2.68	1134.62	1327.96	1070.32	0.37
6022.000	50.00	0.0	0.0	647.00	671.30	681.92	0.0	1.35	1147.41	1321.42	828.39	0.0
6022.000	50.00	0.0	0.0	1037.00	671.30	682.67	0.0	1.87	1149.13	1325.15	963.03	0.75
6022.000	50.00	0.0	0.0	1220.00	671.30	682.87	0.0	2.13	1138.22	1326.12	999.72	0.20
6022.000	50.00	0.0	0.0	1639.00	671.30	683.24	0.0	2.68	1134.57	1327.99	1071.45	0.38
6037.000	15.00	0.0	0.0	647.00	671.70	681.86	0.0	3.23	1048.95	1250.33	422.68	0.0
6037.000	15.00	0.0	0.0	1037.00	671.70	682.60	0.0	4.10	1036.72	1269.14	577.52	0.73
6037.000	15.00	0.0	0.0	1220.00	671.70	682.78	0.0	4.34	1033.63	1273.90	621.42	0.19
6037.000	15.00	0.0	0.0	1639.00	671.70	683.14	0.0	5.46	1027.73	1282.97	709.02	0.35
6087.000	50.00	0.0	0.0	647.00	671.90	681.07	0.0	3.42	1052.11	1249.47	390.33	0.0
6087.000	50.00	0.0	0.0	1037.00	671.90	682.61	0.0	4.35	1039.79	1264.41	535.42	0.74
6087.000	50.00	0.0	0.0	1220.00	671.90	682.80	0.0	4.81	1036.64	1269.27	578.68	0.19
6087.000	50.00	0.0	0.0	1639.00	671.90	683.16	0.0	5.77	1030.62	1278.53	605.43	0.36
6137.000	50.00	0.0	0.0	647.00	672.80	681.87	0.0	4.01	996.22	1151.21	263.41	0.0
6137.000	50.00	0.0	0.0	1037.00	672.80	682.61	0.0	5.00	983.87	1170.22	365.96	0.74
6137.000	50.00	0.0	0.0	1220.00	672.80	682.80	0.0	5.51	980.71	1175.08	396.68	0.15
6137.000	50.00	0.0	0.0	1639.00	672.80	683.16	0.0	6.49	974.59	1184.19	462.90	0.37
6249.000	112.00	699.30	679.80	647.00	672.80	685.08	0.0	1.30	942.58	1229.42	942.99	0.0
6249.000	112.00	699.30	679.80	1037.00	672.80	690.88	0.0	0.56	928.47	1242.59	2695.57	5.80
6249.000	112.00	699.30	679.80	1220.00	672.80	694.26	0.0	0.43	922.32	1249.57	3776.31	3.37
6249.000	112.00	699.30	679.80	1639.00	672.80	700.56	0.0	0.34	910.80	1260.00	5914.61	6.30
6299.000	50.00	0.0	0.0	647.00	672.90	685.07	0.0	1.51	1019.42	1213.30	736.67	0.0
6299.000	50.00	0.0	0.0	1037.00	672.90	690.88	0.0	0.85	1008.99	1249.68	1999.01	5.81
6299.000	50.00	0.0	0.0	1220.00	672.90	694.25	0.0	0.69	1002.94	1270.76	2856.40	3.37
6299.000	50.00	0.0	0.0	1639.00	672.90	700.56	0.0	0.55	1000.00	1281.00	4617.42	6.30

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	SECNO	YLCH	ELTRD	ELLC	O	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	OIFWSP	
UR	6316.000	17.00	0.0	0.0	647.00	673.00	685.07	0.0	1.55	1019.61	1212.71	716.07	0.0	U1
	6316.000	17.00	0.0	0.0	1037.00	673.00	690.08	0.0	0.86	1009.18	1249.02	1973.55	5.81	U1
	6316.000	17.00	0.0	0.0	1220.00	673.00	694.25	0.0	0.69	1003.13	1270.09	2827.90	3.37	
	6316.000	17.00	0.0	0.0	1639.00	673.00	700.56	0.0	0.55	1000.00	1281.00	4586.99	6.30	
	6418.000	102.00	0.0	0.0	530.00	674.90	685.08	0.0	2.00	1121.98	1351.15	525.53	0.0	
	6418.000	102.00	0.0	0.0	862.00	674.90	690.89	0.0	0.77	1093.65	1366.93	2154.54	5.81	
	6418.000	102.00	0.0	0.0	1022.00	674.90	694.26	0.0	0.57	1024.00	1374.13	3272.46	3.37	
	6418.000	102.00	0.0	0.0	1393.00	674.90	700.56	0.0	0.43	1000.00	1380.00	5626.68	6.30	
	6468.000	50.00	0.0	0.0	530.00	675.30	685.07	0.0	2.29	1139.00	1344.04	438.55	0.0	
	6468.000	50.00	0.0	0.0	862.00	675.30	690.89	0.0	0.82	1057.13	1366.08	2031.18	5.81	
	6468.000	50.00	0.0	0.0	1022.00	675.30	694.26	0.0	0.60	1027.57	1373.28	3134.11	3.37	
	6468.000	50.00	0.0	0.0	1393.00	675.30	700.56	0.0	0.44	1000.00	1380.00	5475.18	6.30	
UR	6518.000	50.00	0.0	0.0	530.00	676.40	685.07	0.0	2.79	1329.52	1509.45	296.61	0.0	U1
	6518.000	50.00	0.0	0.0	862.00	676.40	690.89	0.0	0.55	1156.36	1578.97	2104.20	5.81	U1
	6518.000	50.00	0.0	0.0	1022.00	676.40	694.26	0.0	0.34	1097.58	1646.21	3742.37	3.37	
	6518.000	50.00	0.0	0.0	1393.00	676.40	700.56	0.0	0.21	1000.42	1700.00	7770.84	6.30	
	6586.000	68.00	684.60	681.40	530.00	676.40	686.04	0.0	1.74	1304.29	1526.46	489.34	0.0	
	6586.000	68.00	684.60	681.40	862.00	676.40	690.94	0.0	0.55	1155.44	1580.06	2126.44	4.90	
	6586.000	68.00	684.60	681.40	1022.00	676.40	694.29	0.0	0.34	1096.98	1646.99	3764.10	3.36	
	6586.000	68.00	684.60	681.40	1393.00	676.40	700.59	0.0	0.21	1000.12	1700.00	7793.57	6.30	
	6686.000	100.00	0.0	0.0	530.00	677.70	685.98	0.0	3.17	1227.71	1317.43	225.22	0.0	
	6686.000	100.00	0.0	0.0	862.00	677.70	690.93	0.0	0.94	1077.74	1361.06	1335.22	4.95	
	6686.000	100.00	0.0	0.0	1022.00	677.70	694.29	0.0	0.57	1048.29	1368.24	2348.02	3.36	
	6686.000	100.00	0.0	0.0	1393.00	677.70	700.59	0.0	0.36	1000.00	1380.00	4575.27	6.30	
	6906.000	200.00	0.0	0.0	530.00	678.90	685.95	0.0	4.64	1244.61	1298.80	138.14	0.0	
	6906.000	200.00	0.0	0.0	862.00	678.90	690.93	0.0	1.33	1088.28	1358.50	1002.77	4.98	
	6906.000	200.00	0.0	0.0	1022.00	678.90	694.29	0.0	0.70	1058.82	1365.67	1971.72	3.36	
	6906.000	200.00	0.0	0.0	1393.00	678.90	700.59	0.0	0.41	1003.59	1379.13	4119.93	6.30	U1
UR	7006.000	100.00	0.0	0.0	530.00	680.00	686.03	0.0	5.52	1000.00	1390.88	139.21	0.0	
	7006.000	100.00	0.0	0.0	862.00	680.00	690.95	0.0	0.72	1000.00	1453.30	1643.12	4.92	
	7006.000	100.00	0.0	0.0	1022.00	680.00	694.30	0.0	0.37	1000.00	1509.40	3211.15	3.35	
	7006.000	100.00	0.0	0.0	1393.00	680.00	700.59	0.0	0.21	1000.00	1700.00	7051.02	6.29	
	7077.000	71.00	684.50	685.00	530.00	680.00	686.57	0.0	3.94	1000.00	1393.52	208.51	0.0	
	7077.000	71.00	684.50	685.00	862.00	680.00	691.01	0.0	0.70	1000.00	1453.48	1676.99	4.44	
	7077.000	71.00	684.50	685.00	1022.00	680.00	694.34	0.0	0.37	1000.00	1511.06	3236.19	3.33	
	7077.000	71.00	684.50	685.00	1393.00	680.00	700.62	0.0	0.21	1000.00	1700.00	7075.80	6.28	
	7077.000	131.00	0.0	0.0	530.00	682.00	686.14	686.14	10.32	1371.05	1286.79	51.38	0.0	
	7077.000	131.00	0.0	0.0	862.00	682.00	690.81	0.0	4.97	1130.21	1326.84	277.77	4.67	
	7077.000	131.00	0.0	0.0	1022.00	682.00	694.32	0.0	1.96	1085.67	1359.13	1083.47	3.51	
	7077.000	131.00	0.0	0.0	1393.00	682.00	700.62	0.0	0.86	1030.48	1372.58	3020.00	6.30	U1
UR	7318.000	110.00	0.0	0.0	530.00	683.90	687.75	687.75	10.55	1328.71	1347.08	54.61	0.0	
	7318.000	110.00	0.0	0.0	862.00	683.90	690.85	0.0	6.43	1275.85	1364.94	194.35	3.11	
	7318.000	110.00	0.0	0.0	1022.00	683.90	694.33	0.0	2.19	1168.99	1426.42	758.77	3.48	
	7318.000	110.00	0.0	0.0	1393.00	683.90	700.62	0.0	0.59	1087.53	1649.51	3538.32	6.30	

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
7363.000	45.00	693.10	690.90	530.00	683.90	687.76	0.0	10.50	1328.69	1347.10	54.86	0.0
7363.000	45.00	693.10	690.90	862.00	683.90	693.88	0.0	2.16	1179.65	1407.66	650.03	6.12
7363.000	45.00	693.10	690.90	1022.00	683.90	694.89	0.0	1.83	1155.72	1449.78	912.60	1.01
7363.000	45.00	693.10	690.90	1393.00	683.90	700.68	0.0	0.59	1086.53	1650.56	3570.90	5.79
7394.000	31.00	0.0	0.0	530.00	685.20	689.16	689.16	9.76	1244.61	1263.22	54.29	0.0
7394.000	31.00	0.0	0.0	862.00	685.20	693.80	0.0	3.85	1138.65	1292.01	392.61	4.64
7394.000	31.00	0.0	0.0	1022.00	685.20	694.83	0.0	3.38	1105.38	1300.75	572.56	1.03
7394.000	31.00	0.0	0.0	1393.00	685.20	700.67	0.0	1.13	1018.50	1504.04	2571.36	5.84
7424.000	30.00	0.0	0.0	530.00	686.50	692.42	692.42	8.80	1245.38	1302.82	64.43	0.0
7424.000	30.00	0.0	0.0	862.00	686.50	693.64	0.0	7.04	1214.69	1311.94	177.26	1.22
7424.000	30.00	0.0	0.0	1022.00	686.50	694.80	0.0	4.65	1177.46	1320.54	315.96	1.16
7424.000	30.00	0.0	0.0	1393.00	686.50	700.68	0.0	0.79	1057.19	1547.42	2319.66	5.88
7513.000	89.00	695.80	692.50	530.00	686.50	696.54	0.0	1.15	1123.05	1414.06	671.89	0.0
7513.000	89.00	695.80	692.50	862.00	686.50	697.20	0.0	1.43	1107.42	1434.59	874.62	0.65
7513.000	89.00	695.80	692.50	1022.00	686.50	697.46	0.0	1.53	1101.17	1442.80	962.46	0.26
7513.000	89.00	695.80	692.50	1393.00	686.50	700.77	0.0	0.77	1056.99	1551.00	2370.72	3.31
7563.000	50.00	0.0	0.0	530.00	687.30	696.53	0.0	1.97	1118.45	1297.32	496.88	0.0
7563.000	50.00	0.0	0.0	862.00	687.30	697.17	0.0	2.66	1098.35	1306.12	620.25	0.64
7563.000	50.00	0.0	0.0	1022.00	687.30	697.43	0.0	2.92	1092.25	1311.94	674.99	0.26
7563.000	50.00	0.0	0.0	1393.00	687.30	700.76	0.0	1.71	1027.53	1413.66	1689.06	3.34
7613.000	50.00	0.0	0.0	530.00	688.10	696.52	0.0	2.49	1144.33	1291.55	366.08	0.0
7613.000	50.00	0.0	0.0	862.00	688.10	697.15	0.0	3.37	1120.12	1296.06	466.04	0.63
7613.000	50.00	0.0	0.0	1022.00	688.10	697.40	0.0	3.71	1115.97	1297.88	510.75	0.25
7613.000	50.00	0.0	0.0	1393.00	688.10	700.76	0.0	2.05	1031.78	1386.30	1392.05	3.36
7983.000	370.00	0.0	0.0	388.00	690.60	696.56	0.0	4.61	1198.37	1271.76	115.54	0.0
7983.000	370.00	0.0	0.0	652.00	690.60	697.26	0.0	5.84	1180.54	1273.47	173.36	0.69
7983.000	370.00	0.0	0.0	785.00	690.60	697.54	0.0	6.29	1173.31	1274.16	200.68	0.28
7983.000	370.00	0.0	0.0	1098.00	690.60	700.79	0.0	3.13	1094.85	1282.12	676.78	3.25
8033.000	50.00	0.0	0.0	388.00	691.00	696.61	0.0	5.28	1211.12	1270.31	92.26	0.0
8033.000	50.00	0.0	0.0	652.00	691.00	697.29	0.0	6.78	1190.02	1272.56	140.90	0.68
8033.000	50.00	0.0	0.0	785.00	691.00	697.57	0.0	7.27	1182.72	1273.26	165.55	0.28
8033.000	50.00	0.0	0.0	1098.00	691.00	700.80	0.0	3.51	1099.95	1281.10	604.45	3.22
8053.000	25.00	0.0	0.0	388.00	691.30	696.80	0.0	5.46	1287.37	1359.71	105.86	0.0
8053.000	25.00	0.0	0.0	652.00	691.30	697.75	0.0	5.55	1267.93	1368.95	193.62	0.95
8053.000	25.00	0.0	0.0	785.00	691.30	698.11	0.0	5.54	1247.75	1372.50	235.65	0.36
8053.000	25.00	0.0	0.0	1098.00	691.30	700.87	0.0	2.54	1177.95	1398.49	712.64	2.76
8093.000	40.00	694.40	695.30	388.00	691.30	700.57	0.0	0.99	1185.44	1396.81	649.35	0.0
8093.000	40.00	694.40	695.30	652.00	691.30	701.09	0.0	1.40	1179.12	1404.07	754.13	0.52
8093.000	40.00	694.40	695.30	785.00	691.30	701.27	0.0	1.58	1169.77	1407.86	806.91	0.10
8093.000	40.00	694.40	695.30	1098.00	691.30	701.73	0.0	1.90	1164.04	1417.31	918.42	0.46
8123.000	25.00	0.0	0.0	388.00	691.50	700.56	0.0	1.52	1118.97	1279.34	477.43	0.0
8123.000	25.00	0.0	0.0	652.00	691.50	701.07	0.0	2.22	1164.88	1280.59	562.95	0.51
8123.000	25.00	0.0	0.0	785.00	691.50	701.24	0.0	2.55	1101.42	1281.02	593.79	0.17
8123.000	25.00	0.0	0.0	1098.00	691.50	701.70	0.0	3.13	1094.86	1282.12	676.73	0.45

	SECMO	XLCH	ELTRD	FLLC		ELMIN	CWSEL	CRIMS	VCH	SSTA	ENDST	AREA	DIFWSP	
	8173.000	50.00	0.0	0.0	388.00	691.90	700.56	0.0	1.72	1129.15	1278.37	416.01	0.0	U1
	8173.000	50.00	0.0	0.0	652.00	691.90	701.07	0.0	2.48	1116.00	1279.63	496.21	0.51	U1
	8173.000	50.00	0.0	0.0	785.00	691.90	701.25	0.0	2.84	1111.48	1280.06	525.49	0.18	
	8173.000	50.00	0.0	0.0	1098.00	691.90	701.70	0.0	3.50	1099.92	1281.17	604.94	0.45	
*	8369.000	196.00	0.0	0.0	354.00	695.40	700.46	700.46	10.71	1353.69	1362.96	33.04	0.0	
*	8369.000	196.00	0.0	0.0	599.00	695.40	702.00	702.00	12.39	1353.17	1363.74	48.34	1.54	
*	8369.000	196.00	0.0	0.0	724.00	695.40	704.09	704.09	8.63	1300.19	1380.40	126.44	2.10	
*	8369.000	196.00	0.0	0.0	1020.00	695.40	704.85	704.85	8.71	1255.69	1388.22	207.36	0.76	
	8419.000	50.00	0.0	0.0	354.00	696.30	701.01	0.0	9.47	1353.54	1363.19	37.37	0.0	
	8419.000	50.00	0.0	0.0	599.00	696.30	703.61	702.96	10.68	1346.17	1366.12	56.94	1.79	
*	8419.000	50.00	0.0	0.0	724.00	696.30	705.02	705.02	6.53	1298.75	1380.67	128.63	1.41	
*	8419.000	50.00	0.0	0.0	1020.00	696.30	705.65	705.65	9.16	1262.02	1387.10	193.27	0.62	
*	8444.000	25.00	0.0	0.0	354.00	701.90	708.55	708.55	13.02	1255.21	1265.55	56.65	0.0	U1
*	8444.000	25.00	0.0	0.0	599.00	701.90	710.57	710.57	9.80	1200.92	1282.18	113.99	2.02	U1
*	8444.000	25.00	0.0	0.0	724.00	701.90	710.88	710.88	9.79	1187.79	1285.34	141.36	0.31	
*	8444.000	25.00	0.0	0.0	1020.00	701.90	711.23	711.23	11.03	1172.66	1288.92	178.68	0.35	
	8510.000	66.00	710.60	704.40	354.00	701.90	712.46	0.0	1.85	1118.69	1301.69	364.43	0.0	
	8510.000	66.00	710.60	704.40	599.00	701.90	712.95	0.0	2.43	1099.33	1308.51	458.21	0.49	
	8510.000	66.00	710.60	704.40	724.00	701.90	713.12	0.0	2.68	1096.91	1310.97	493.95	0.17	
	8510.000	66.00	710.60	704.40	1020.00	701.90	713.47	0.0	3.17	1091.87	1316.12	571.31	0.35	
	8535.000	25.00	0.0	0.0	354.00	703.60	712.32	0.0	4.17	1298.84	1380.66	128.51	0.0	
	8535.000	25.00	0.0	0.0	599.00	703.60	712.66	0.0	6.07	1277.97	1384.31	161.89	0.35	
	8535.000	25.00	0.0	0.0	724.00	703.60	712.72	0.0	7.17	1275.01	1384.83	167.34	0.06	
*	8535.000	25.00	0.0	0.0	1020.00	703.60	713.06	713.06	8.71	1255.52	1388.24	207.52	0.33	
*	4091.000	50.00	0.0	0.0	354.00	707.00	712.06	712.06	10.71	1353.59	1362.96	33.04	0.0	
*	4091.000	50.00	0.0	0.0	599.00	707.00	713.61	713.61	12.36	1353.17	1363.75	48.44	1.55	
*	4091.000	50.00	0.0	0.0	724.00	707.00	715.64	715.64	8.01	1302.07	1379.81	121.97	2.03	
*	4091.000	50.00	0.0	0.0	1020.00	707.00	716.34	716.34	9.17	1262.18	1387.07	192.95	0.71	U1
	8751.000	166.00	0.0	0.0	234.00	710.80	714.68	0.0	3.38	1151.00	1205.25	87.90	0.0	
	8751.000	166.00	0.0	0.0	408.00	710.80	716.55	0.0	2.75	1104.10	1207.99	231.85	1.87	
	8751.000	166.00	0.0	0.0	502.00	710.80	717.00	0.0	2.85	1097.18	1208.66	279.87	0.46	
	8751.000	166.00	0.0	0.0	728.00	710.80	717.61	0.0	3.29	1094.34	1209.55	348.31	0.61	
	8801.000	50.00	0.0	0.0	234.00	711.00	714.75	0.0	3.58	1154.04	1205.06	80.94	0.0	
	8801.000	50.00	0.0	0.0	408.00	711.00	716.57	0.0	2.93	1112.12	1207.73	214.71	1.83	
	8801.000	50.00	0.0	0.0	502.00	711.00	717.03	0.0	3.05	1101.55	1208.40	260.63	0.46	
	8801.000	50.00	0.0	0.0	728.00	711.00	717.64	0.0	3.50	1095.59	1209.30	328.91	0.61	
*	8851.000	50.00	0.0	0.0	234.00	715.40	719.09	719.09	7.20	1247.26	1299.68	45.27	0.0	
*	8851.000	50.00	0.0	0.0	408.00	715.40	719.60	719.60	8.24	1245.61	1299.95	69.79	0.51	
*	8851.000	50.00	0.0	0.0	502.00	715.40	719.75	719.75	9.02	1242.11	1300.04	78.36	0.15	
*	8851.000	50.00	0.0	0.0	728.00	715.40	720.18	720.18	9.71	1232.82	1300.26	104.89	0.42	U1
	8900.000	49.00	723.40	718.40	234.00	715.40	724.02	0.0	0.52	1181.15	1411.56	547.64	0.0	
	8900.000	49.00	723.40	718.40	408.00	715.40	724.37	0.0	0.80	1178.25	1421.06	630.83	0.35	
	8900.000	49.00	723.40	718.40	502.00	715.40	724.50	0.0	0.95	1177.20	1424.49	661.88	0.13	
	8900.000	49.00	723.40	718.40	728.00	715.40	724.78	0.0	1.25	1174.88	1432.09	732.88	0.28	



SECNO	XLCH	ELTRD	ELLC	O	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
8950.000	50.00	0.0	0.0	234.00	718.10	724.01	0.0	1.48	1104.34	1208.23	248.42	0.0
8950.000	50.00	0.0	0.0	408.00	718.10	724.34	0.0	2.29	1098.86	1208.71	283.95	0.33
8950.000	50.00	0.0	0.0	502.00	718.10	724.46	0.0	2.68	1097.95	1208.89	296.93	0.12
8950.000	50.00	0.0	0.0	728.00	718.10	724.71	0.0	3.54	1095.95	1209.25	324.78	0.25
5000.000	50.00	0.0	0.0	234.00	720.80	723.77	0.0	5.12	1171.76	1203.95	48.86	0.0
9000.000	50.00	0.0	0.0	408.00	720.80	723.98	723.98	8.10	1167.00	1204.23	56.06	0.21
1000.000	50.00	0.0	0.0	502.00	720.80	724.39	724.39	8.25	1157.62	1204.85	73.28	0.41
9100.000	50.00	0.0	0.0	728.00	720.80	725.09	725.09	8.77	1141.56	1205.85	112.26	0.70

SUMMARY OF ERRORS

CAUTION	SECNO= 400.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 400.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 400.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1350.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1350.000	PROFILE= 4	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2483.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2483.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2483.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2483.000	PROFILE= 4	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4378.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4378.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4378.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4378.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4378.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4378.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4378.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4378.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4378.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4378.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4378.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4378.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4568.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4568.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4568.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4568.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4568.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4568.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4568.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4568.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4568.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 4568.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 4568.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 4568.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 5767.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 5767.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 5767.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 5767.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 5767.000	PROFILE= 4	CRITICAL DEPTH ASSUMED

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		
		10r	20	0.20
400.000	0.	-1.1	-0.3	0.7
1350.000	950.	-1.1	-0.3	0.6
2483.000	2083.	-1.4	-0.4	0.6
2583.000	2183.	-1.7	-0.3	0.7
2644.000	2244.	-0.9	-0.2	0.4
2744.000	2344.	-0.9	-0.2	0.4
4378.000	3978.	-1.6	-0.6	0.5
4568.000	4168.	-0.5	-0.1	0.4
5767.000	5367.	-1.5	-0.4	0.5
5817.000	5417.	-2.1	-0.3	0.6
5867.000	5467.	-0.4	-0.2	0.4
5922.000	5522.	-0.9	-0.2	0.4
5972.000	5572.	-0.9	-0.2	0.4
6022.000	5622.	-0.9	-0.2	0.4
6037.000	5637.	-0.9	-0.2	0.4
6087.000	5687.	-0.9	-0.2	0.4
6137.000	5737.	-0.9	-0.2	0.4
6249.000	5849.	-9.2	-3.4	6.3
6299.000	5899.	-9.2	-3.4	6.3
6316.000	5916.	-9.2	-3.4	6.3
6418.000	6018.	-9.2	-3.4	6.3
6468.000	6068.	-9.2	-3.4	6.3
6516.000	6116.	-9.2	-3.4	6.3
6586.000	6186.	-8.3	-3.4	6.3
6686.000	6286.	-8.3	-3.4	6.3
6906.000	6486.	-8.3	-3.4	6.3
7006.000	6586.	-8.3	-3.4	6.3
7077.000	6657.	-7.8	-3.3	6.3
7077.000	6788.	-8.2	-3.5	6.3
7318.000	6898.	-6.6	-3.5	6.3
7363.000	6943.	-7.1	-1.0	5.8
7394.000	6974.	-5.7	-1.0	5.8
7424.000	7004.	-2.4	-1.2	5.9
7513.000	7093.	-0.9	-0.3	3.3
7563.000	7143.	-0.9	-0.3	3.3
7613.000	7193.	-0.9	-0.3	3.4
7983.000	7563.	-1.0	-0.3	3.3
8033.000	7613.	-1.0	-0.3	3.2
8056.000	7638.	-1.3	-0.4	2.8
8098.000	7678.	-0.7	-0.2	0.5
8123.000	7703.	-0.7	-0.2	0.5
8173.000	7753.	-0.7	-0.2	0.5
8369.000	7949.	-3.6	-2.1	0.8
8413.000	7999.	-3.2	-1.4	0.6
8444.000	8024.	-2.3	-0.3	0.3
8510.000	8090.	-0.7	-0.2	0.4
8535.000	8115.	-0.4	-0.1	0.3
4091.000	8165.	-3.6	-2.0	0.7
8751.000	8331.	-2.3	-0.5	0.6
8801.000	8381.	-2.3	-0.5	0.6

8851.000	8431.	-0.7	-0.2	0.4
8900.000	8480.	-0.5	-0.1	0.3
8950.000	8530.	-0.4	-0.1	0.2
9000.000	8580.	-0.6	-0.4	0.7

WEIGHTED AVG FOR REACH -2.3 -0.8 1.5

FHF FOR THE REACH = 0.25 WITH 30.2% 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 10E	DATA 1E	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.					SEC. 400,000	
1	100.	622.1	623.2	-1.1	-1.1	010	100.
2	200.	623.4	624.6	-1.1	-1.1	010	100.
3	300.	624.8	625.9	-1.1	-1.1	010	100.
4	400.	626.2	627.3	-1.1	-1.1	010	100.
5	500.	627.6	628.7	-1.1	-1.1	010	100.
6	600.	628.9	630.0	-1.1	-1.1	010	100.
7	700.	630.3	631.4	-1.1	-1.1	010	100.
8	800.	631.7	632.8	-1.1	-1.1	010	100.
9	900.	633.0	634.1	-1.1	-1.1	010	100.
	950.					SEC. 1350,000	
10	1000.	634.3	635.4	-1.1	-1.1	010	100.
11	1100.	635.3	636.5	-1.1	-1.1	010	100.
12	1200.	636.3	637.4	-1.2	-1.1	010	100.
13	1300.	637.2	638.4	-1.2	-1.1	010	100.
14	1400.	638.1	639.4	-1.2	-1.1	010	100.
15	1500.	639.1	640.3	-1.2	-1.1	010	100.
16	1600.	640.0	641.3	-1.3	-1.1	010	100.
17	1700.	641.0	642.2	-1.3	-1.1	010	100.
18	1800.	641.9	643.2	-1.3	-1.2	010	100.
19	1900.	642.8	644.2	-1.3	-1.2	010	100.
20	2000.	643.8	645.1	-1.4	-1.2	010	100.
	2083.					SEC. 2483,000	
21	2100.	644.7	646.1	-1.4	-1.2	010	100.
	2183.					SEC. 2583,000	
22	2200.	646.6	648.0	-1.4	-1.2	010	100.
	2244.					SEC. 2644,000	
23	2300.	650.7	651.8	-1.2	-1.2	010	100.
	2344.					SEC. 2744,000	
24	2400.	653.4	654.3	-0.9	-1.2	010	100.
25	2500.	653.6	654.6	-0.9	-1.2	010	100.
26	2600.	653.9	654.9	-1.0	-1.2	010	100.
27	2700.	654.2	655.2	-1.0	-1.2	010	100.
28	2800.	654.5	655.6	-1.1	-1.2	010	100.
29	2900.	654.7	655.9	-1.2	-1.2	010	100.
30	3000.	655.0	656.2	-1.2	-1.2	010	100.
31	3100.	655.3	656.6	-1.3	-1.2	010	100.
32	3200.	655.5	656.9	-1.3	-1.2	010	100.
33	3300.	655.8	657.2	-1.4	-1.2	010	100.
34	3400.	656.1	657.5	-1.5	-1.2	010	100.
35	3500.	656.3	657.9	-1.5	-1.2	010	100.
36	3600.	656.6	658.2	-1.6	-1.2	010	100.
37	3700.	656.9	658.5	-1.7	-1.2	010	100.
38	3800.	657.2	658.9	-1.7	-1.2	010	100.
39	3900.	657.4	659.2	-1.8	-1.2	010	97.

40	4000.	658.1	659.8	-1.8	SEC.	4378.000	98.
41	4100.	660.3	661.7	-1.4	SEC.	015	98.
42	4200.	663.4	664.2	-0.8	SEC.	4568.000	98.
43	4300.	665.0	665.6	-0.6	SEC.	010	93.
44	4400.	665.7	666.4	-0.7	SEC.	010	91.
45	4500.	666.4	667.2	-0.8	SEC.	010	93.
46	4600.	667.0	667.9	-0.9	SEC.	010	91.
47	4700.	667.7	668.7	-1.0	SEC.	010	91.
48	4800.	668.4	669.5	-1.1	SEC.	010	92.
49	4900.	669.1	670.2	-1.1	SEC.	010	92.
50	5000.	669.8	671.0	-1.2	SEC.	010	92.
51	5100.	670.4	671.8	-1.3	SEC.	010	92.
52	5200.	671.1	672.5	-1.4	SEC.	010	92.
53	5300.	671.8	673.3	-1.5	SEC.	010	94.
54	5357.	672.5	674.2	-1.7	SEC.	9767.000	93.
54	5400.	672.5	674.2	-1.7	SEC.	010	93.
54	5417.	672.5	674.2	-1.7	SEC.	5817.000	93.
54	5467.	672.5	674.2	-1.7	SEC.	5867.000	93.
55	5500.	678.4	679.2	-0.7	SEC.	010	95.
55	5522.	678.4	679.2	-0.7	SEC.	5922.000	95.
55	5572.	678.4	679.2	-0.7	SEC.	5972.000	95.
56	5600.	681.9	682.9	-0.9	SEC.	010	91.
56	5622.	681.9	682.9	-0.9	SEC.	6022.000	91.
56	5637.	681.9	682.9	-0.9	SEC.	6037.000	91.
56	5687.	681.9	682.9	-0.9	SEC.	6087.000	91.
57	5700.	681.9	682.9	-0.9	SEC.	010	91.
57	5737.	681.9	682.9	-0.9	SEC.	6137.000	91.
58	5800.	682.8	686.0	-3.2	SEC.	010	90.
58	5849.	682.8	686.0	-3.2	SEC.	6249.000	90.
58	5899.	682.8	686.0	-3.2	SEC.	6299.000	90.
59	5900.	685.1	694.3	-9.2	SEC.	015	88.
59	5916.	685.1	694.3	-9.2	SEC.	6316.000	88.
60	6000.	685.1	694.3	-9.2	SEC.	015	75.
60	6018.	685.1	694.3	-9.2	SEC.	6418.000	75.
60	6058.	685.1	694.3	-9.2	SEC.	6468.000	75.
61	6100.	685.1	694.3	-9.2	SEC.	015	51.
61	6116.	685.1	694.3	-9.2	SEC.	6518.000	51.
61	6186.	685.1	694.3	-9.2	SEC.	6586.000	51.
62	6200.	686.0	694.3	-8.3	SEC.	015	35.
62	6206.	686.0	694.3	-8.3	SEC.	6606.000	35.
63	6300.	686.0	694.3	-8.3	SEC.	020	25.
64	6400.	686.0	694.3	-8.3	SEC.	020	16.
64	6486.	686.0	694.3	-8.3	SEC.	6906.000	16.
65	6500.	686.0	694.3	-8.3	SEC.	020	69.
65	6506.	686.0	694.3	-8.3	SEC.	7006.000	69.
66	6600.	686.0	694.3	-8.3	SEC.	020	47.
66	6657.	686.0	694.3	-8.3	SEC.	7077.000	47.
67	6700.	686.3	694.3	-8.0	SEC.	020	37.
67	6785.	686.3	694.3	-8.0	SEC.	7077.000	37.
68	6800.	686.4	694.3	-8.0	SEC.	025	29.
68	6898.	686.4	694.3	-8.0	SEC.	7318.000	29.
69	6900.	687.0	694.3	-7.3	SEC.	025	20.
69	6943.	687.0	694.3	-7.3	SEC.	7363.000	20.
69	6974.	687.0	694.3	-7.3	SEC.	7394.000	20.
70	7000.	690.6	694.8	-4.2	SEC.	025	17.
70	7004.	690.6	694.8	-4.2	SEC.	7424.000	17.
71	7093.	696.5	697.5	-0.9	SEC.	7513.000	20.
71	7100.	696.5	697.5	-0.9	SEC.	025	20.
71	7143.	696.5	697.5	-0.9	SEC.	7563.000	20.
72	7200.	696.5	697.5	-0.9	SEC.	7613.000	19.
73	7300.	696.5	697.5	-0.9	SEC.	025	23.
74	7400.	696.5	697.5	-0.9	SEC.	025	24.
75	7500.	696.5	697.5	-0.9	SEC.	025	27.

76	7563. 7600. 7613. 7638. 7678.	696.5	697.5	-1.0	-2.3	SEC. 7983,000 025	28.
77	7700. 7703. 7753.	700.6	701.3	-0.7	-2.3	SEC. 8033,000 SEC. 8058,000 SEC. 8098,000 025	29.
78	7800.	701.5	701.6	-1.0	-2.3	SEC. 8123,000 025	29.
79	7900. 7949. 7999.	700.5	702.7	-2.1	-2.2	SEC. 8173,000 020 SEC. 8369,000 SEC. 8419,000	30.
80	8000. 8024. 8090.	701.9	705.1	-3.2	-2.3	SEC. 8444,000 025	30.
81	8100. 8115. 8165.	712.4	713.0	-0.6	-2.2	SEC. 8510,000 020 SEC. 8535,000 SEC. 4091,000	30.
82	8200.	712.3	715.8	-3.4	-2.3	SEC. 8751,000 025	29.
83	8300. 8331. 8381.	713.4	716.3	-2.9	-2.3	SEC. 8801,000 025	30.
84	8400. 8431. 8480.	715.6	717.5	-2.0	-2.3	SEC. 8851,000 025 SEC. 8900,000	31.
85	8500. 8530. 8580.	724.0	724.5	-0.5	-2.2	SEC. 8950,000 020 SEC. 9000,000	31.

THIS REACH CAN BE SUBDIVIDED 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 C 202 59 85  
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.