

GR	755.9	1391	756.6	1396.5	754.3	1397.5	753.3	1400	754.3	1402.7
GR	756.8	1403.5	756.8	1406.5	756.8	1409.5	754.3	1410.5	753.3	1413
GR	754.3	1415.5	756.8	1416.5	756.2	1459	761.9	1477	764.7	1495
GR	764.3	1500	766.7	1600	769.7	1700	771.9	1773		
SB	0.9	1.5	2.5	0	14	0.01	77			
X1	90211	0	0	0	71	71	71			
X2			1	760.3	763.8					
BT	20	1000	770.3	0	1100	766.7	0	1200	764.5	0
BT	1300	763.8	0	1396.5	763.9	756.6	1397.5	763.9	759.3	1400
BT	763.9	760.3	1402.5	763.9	759.3	1403.5	763.9	756.8	1406.5	763.9
BT	756.8	1409.5	763.9	756.8	1410.5	763.9	759.3	1413	763.9	760.3
BT	1415.5	763.9	759.3	1416.5	763.9	756.8	1495	764.7	0	1500
BT	764.8	0	1600	766.7	0	1700	769.7	0	1773	771.9
BT	0									
NC	0.055	0.055	0.035	0.1	0.3					
X1	90261	12	1314	1338	50	50	50			
GR	754.6	1000	753.8	1100	753.2	1200	754.6	1300	755.3	1314
GR	753.9	1326	752.7	1330	752.7	1334	756.1	1338	755.6	1382
GR	761.3	1400	766.9	1435						

EJ
T1 DAVIDSON COUNTY BASIN C STREAM 1 SWEARING CREEK
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
T3 100 YEAR FLOODWAY
J1 -10 6 692.62
J2 15 -1
EJ

ER

X1 81000	13	1260	1278	1600	1600	1600			
GR 731.1	1000	719.2	1100	718.2	1110	715.5	1200	717.0	1260
GR 711.0	1262	710.7	1267	711.0	1273	717.2	1278	718.7	1290
GR 721.5	1305	727.4	1400	730.2	1500				
QT 5	920	1500	2100	2900	2100				
ET 5				-5.4					
X1 82840	12	1250	1273	1840	1840	1840			
GR 738.1	1000	723.1	1080	723.1	1100	723.5	1200	723.8	1250
GR 717.6	1257	715.5	1261	717.6	1265	724.5	1273	723.8	1300
GR 728.9	1400	738.1	1450						
NC 0.060	0.060	0.040	0.1	0.3					
ET 5					-10.4				
X1 83140	17	1400	1427	300	300	300			
GR 740.9	1000	735.7	1100	732.0	1200	730.1	1300	729.9	1400
GR 719.8	1400	719.3	1403	717.8	1405	718.1	1414	717.7	1420
GR 720.6	1422	721.6	1427	730.1	1427	730.8	1500	733.3	1600
GR 737.1	1700	740.3	1800						
SB 0.9	1.5	2.5	0	27	0.01	244			
X1 83161	0	0	0	21	21	21			
X2		1	728.1	729.9					
BT 10	1000	740.9	0	1100	735.7	0	1200	732.0	0
BT 1300	730.1	0	1400	729.9	727.7	1427	730.1	728.1	1500
BT 730.8	0	1600	733.3	0	1700	737.1	0	1800	740.3
BT 0									
NC 0.055	0.055	0.035	0.1	0.3					
X1 83461	12	1250	1273	300	300	300		4.4	
GR 738.1	1000	723.1	1080	723.1	1100	723.5	1200	723.8	1250
GR 717.6	1257	715.5	1261	717.6	1265	724.5	1273	723.8	1300
GR 728.9	1400	738.1	1450						
QT 5	750	1220	1650	2500	1650				
ET 5					7.1	1070	1270		
X1 85375	11	1116	1125	1914	1914	1914			
GR 744.9	1000	734.2	1030	730.3	1100	731.2	1116	727.8	1117
GR 727.8	1119	728.3	1122	731.3	1125	730.0	1200	732.9	1300
GR 738.9	1370								
QT 5	520	850	1190	1700	1190				
ET 5					7.1	1100	1250		
X1 87225	13	1216	1225	1850	1850	1850			
GR 752.1	1000	741.3	1052	739.3	1100	739.8	1200	739.7	1216
GR 736.5	1213	735.1	1220	736.5	1222	740.1	1225	741.0	1300
GR 742.7	1380	745.8	1400	752.1	1415				
QT 5	480	780	1090	1580	1090				
ET 5					-10.4				
X1 90090	12	1314	1338	2865	2865	2865			
GR 754.6	1000	753.8	1100	753.2	1200	754.6	1300	755.3	1314
GR 753.9	1326	752.7	1330	752.7	1334	756.1	1338	755.6	1382
GR 761.3	1400	766.9	1435						
NC 0.025	0.025	0.025	0.1	0.3					
X1 90140	24	1396.5	1416.5	50	50	50			
GR 770.3	1000	755.2	1077	754.4	1177	753.8	1277	755.2	1377

RT	12	944	696.4	0	1000	695.3	0	1100	694.4	0
BT	1200	693.8	0	1300	693.8	0	1399	694.1	689.9	1420
BT	694.1	689.9	1500	695.3	0	1600	697.2	0	1700	699.3
BT	0	1750	700.3	0	1800	701.3	0			
NC	0.055	0.055	0.035	0.1	0.3					
ET	5					-1.4				
X1	69727	15	1455	1482	50	50	50			
GR	697.8	1000	686.1	1064	685.2	1100	685.4	1200	685.5	1300
GR	687.5	1400	687.4	1455	683.4	1456	683.3	1466	683.9	1476
GR	687.9	1402	687.6	1500	687.5	1600	690.8	1700	695.3	1800
QT	5	1590	2600	3400	4900	3400				
ET	5					-8.4				
X1	73475	14	1400	1413	3748	3748	3748			
GR	695.5	1000	695.5	1100	695.4	1200	696.9	1300	698.2	1400
GR	692.0	1402	691.1	1407	692.0	1411	697.3	1413	696.2	1500
GR	696.6	1600	695.8	1628	703.4	1700	710.4	1800		
QT	5	1500	2500	3300	4700	3300				
X1	75555	13	1400	1449	2080	2080	2080		-2.3	
GR	714.1	1000	707.0	1100	704.1	1200	702.9	1300	703.2	1400
GR	697.5	1419	696.9	1426	697.6	1434	710.2	1449	710.5	1500
GR	711.3	1600	713.0	1700	714.6	1800				
NC	0.060	0.060	0.040	0.1	0.3					
X1	75630	18	1512	1603	75	75	75			
GR	726.1	1000	722.4	1100	719.0	1200	715.6	1300	712.6	1400
GR	710.8	1500	710.9	1512	708.8	1512	700.4	1531	697.4	1558
GR	695.9	1570	697.4	1582	705.4	1593	708.8	1603	710.9	1603
GR	711.9	1700	712.8	1800	717.1	1900				
SB	0.9	195	295		91	2	741			
X1	75721	0	0	0	91	91	91			
X2		1	708.8	710.7						
BT	11	1000	726.1	0	1100	722.4	0	1200	719.0	0
BT	1300	715.6	0	1400	712.6	0	1500	710.8	0	1512
BT	710.9	708.8	1603	710.9	708.8	1700	711.9	0	1800	712.8
BT	0	1900	717.1	0						
NC	0.055	0.055	0.035	0.1	0.3					
ET	5					7.1	1250	1442		
X175.746		13	1400	1449	25	25	25			
GR	714.1	1000	707.0	1100	707.1	1200	702.9	1300	703.2	1400
GR	697.5	1419	696.9	1426	697.6	1434	710.2	1449	710.5	1500
GR	711.3	1600	713.0	1700	714.6	1800				
X175.771		0	0	0	25	25	25		0.3	
X1	75796	0	0	0	25	25	25		0.3	
QT	5	1130	1900	2550	3650	2550				
ET	5					-10.4				
X1	77800	15	1324	1350	2004	2004	2004			
GR	712.3	1000	707.6	1100	707.6	1200	708.2	1300	707.7	1324
GR	705.7	1330	704.8	1339	705.7	1349	707.0	1350	706.0	1368
GR	709.0	1370	709.0	1400	713.1	1500	718.0	1600	721.3	1685
QT	5	920	1600	2200	3170	2200				
X179.400		0	0	0	1600	1600	1600		3.0	

EJ
 T1 DAVIDSON COUNTY BASIN C STREAM 1 SWEARING CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOODWAY
 J1 -10 6 627.67
 J2 15 -1
 EJ

ER
 //RMAK1 JOB RTI,A25,P03078,MAK,M=1,T=2,P=200,PTY=1
 //*PROCLIB=RTI,MG,PROCLIB
 // EXEC HEC2
 //SYSIN DD *

C	RDNO	RT	ST	MXLCEL	RDELV
C 69677	RDNO	RT 64		MXLCEL 689.9	RDELV 694.1
C 75721	RDNO	W. CENTER ST.		MXLCEL 708.8	RDELV 710.9
C 83161	RDNO	NCSR 1457		MXLCEL 728.1	RDELV 730.1
C 90211	RDNO	NCSR 1460		MXLCEL 760.3	RDELV 763.9

T1 DAVIDSON COUNTY BASIN C STREAM 1 SWEARING CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10
J1 -1	J2 0	J3 38	J4 39	J5 40	J6 41	J7 43	J8 42	J9 1	J10 2
NC 0.055	0.055	0.055	0.035	0.1	0.3				
QT 5	1720	2800	3720	5200	3720				
ET 5						-10.4			
X1 69161	12	1400	1415	69161	69161	69161			
GR 683.0	1000	683.5	1100	683.8	1200	684.2	1300	685.4	1400
GR 683.0	1402	682.8	1407	683.0	1413	685.4	1415	683.9	1500
GR 693.8	1600	693.6	1665						
QT 5	1720	2800	3720	5200	3720				
ET 5						7.1	1333	1419	
X1 69573	15	1455	1482	412	412	412			
GR 687.8	1000	686.1	1064	685.2	1100	685.4	1200	685.5	1300
GR 687.5	1400	687.4	1455	683.4	1456	683.3	1466	683.9	1476
GR 687.9	1482	687.6	1500	687.5	1600	690.6	1700	695.3	1800
NC 0.025	0.025	0.025	0.1	0.3					
ET 5									
X1 69523	15	1399	1420	50	50	50			
GR 696.4	944	684.7	1008	683.8	1044	684.0	1144	685.5	1244
GR 686.1	1344	686.0	1399	681.9	1399	681.9	1420	686.5	1420
GR 686.2	1444	686.1	1544	689.4	1644	693.9	1744	701.3	1800
SB 0.9	1.5	2.5	0	21	.25	166			
X1 69677	0	0	0	54	54	54			
X2		1	689.9	693.8					