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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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T1 DAVIDSON COUNTY BASIN C STREAM 17  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.008000	0.0	0.0	0.	666.600	0.0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIMP	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 375.000

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	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
375.00	1.07	661.67	0.0	666.60	661.81	0.13	0.0	0.0	661.20
219.	1.	217.	1.	1.	74.	2.	0.	0.	661.50
0.0	0.91	2.96	0.47	0.055	0.035	0.055	0.0	660.60	1090.13
0.007984	375.	375.	375.	0	0	8	0.0	132.91	1223.04

\*SECNO 2150.000

2150.00	3.74	675.94	0.0	0.0	676.56	0.62	14.61	0.15	677.70
190.	0.	190.	0.	0.	30.	0.	2.	3.	678.70
0.06	0.0	6.33	0.0	0.055	0.035	0.055	0.035	672.20	1125.41
0.009532	1775.	1775.	1775.	3	0	0	0.0	11.55	1136.96

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T1 DAVIDSON COUNTY BASIN C STREAM 17  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.008000	0.0	0.0	0.	668.600	0.0
J2	NPROF	IPLT	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 375.000

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	CLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
375.00	1.19	661.79	0.0	668.60	661.96	0.16	0.0	0.0	661.20
288.	1.	283.	4.	1.	86.	6.	0.	0.	661.50
0.0	1.06	3.28	0.67	0.055	0.035	0.055	0.0	660.60	1089.41
0.007928	375.	375.	375.	0	0	8	0.0	149.70	1239.11

\*SECNO 2150.000

3301 HV CHANGED MORE THAN HVINS

2150.00	4.22	676.42	0.0	0.0	677.18	0.76	15.04	0.18	677.70
250.	0.	250.	0.	0.	36.	0.	3.	3.	678.70
0.07	0.0	7.00	0.0	0.055	0.035	0.055	0.035	672.20	1125.02
0.009179	1775.	1775.	1775.	4	0	0	0.0	12.29	1137.31

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 HEC2 RELEASE DATED NOV 73. UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,32  
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T1 DAVIDSON COUNTY BASIN C STREAM 17  
 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	FQ
	-10.	5.	0.	0.	0.008000	0.0	0.0	0.	669.600	0.0
J2	NPROF	IPLT	PFVVS	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 4

CCHV= 0.100 CEHV= 0.300  
 \*SECNO 375.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
375.00	1.45	662.05	0.0	669.60	662.28	0.23	0.0	0.0	661.20
471.	3.	448.	20.	2.	114.	20.	0.	0.	661.50
0.0	1.35	3.94	1.01	0.055	0.035	0.055	0.0	660.60	1087.86
0.007971	375.	375.	375.	0	0	8	0.0	185.37	1273.23

\*SECNO 2150.000

3301 HV CHANGED MORE THAN HVINS

2150.00	5.23	677.43	0.0	0.0	678.51	1.08	15.98	0.25	677.70
408.	0.	408.	0.	0.	49.	0.	4.	4.	678.70
0.06	0.0	8.34	0.0	0.055	0.035	0.055	0.035	672.20	1124.22
0.010467	1775.	1775.	1775.	3	0	0	0.0	13.84	1138.06

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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

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
375.000	375.00	0.0	0.0	104.00	660.60	661.42 ✓	0.0	2.23	1091.68	1195.77	46.70	0.0
375.000	375.00	0.0	0.0	219.00	660.60	661.67 ✓	0.0	2.96	1090.13	1223.04	76.23	0.25
375.000	375.00	0.0	0.0	288.00	660.60	661.79 ✓	0.0	3.28	1089.41	1239.11	93.14	0.12
375.000	375.00	0.0	0.0	471.00	660.60	662.04	0.0	3.94	1087.86	1273.23	135.70	0.25
2150.000	1775.00	0.0	0.0	91.00	672.20	674.87 ✓	0.0	4.91	1126.26	1136.16	18.54	0.0
2150.000	1775.00	0.0	0.0	190.00	672.20	675.94 ✓	0.0	6.33	1125.41	1136.96	30.00	1.07
2150.000	1775.00	0.0	0.0	250.00	672.20	676.42 ✓	0.0	7.00	1125.02	1137.31	35.73	0.47
2150.000	1775.00	0.0	0.0	408.00	672.20	677.43	0.0	8.34	1124.22	1138.06	48.92	1.02

*Handwritten notes:*  
660.60  
660.60  
660.60

SUMMARY OF ERRORS

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		
		10c	2c	0.2c
375.000	0.	-0.4	-0.1	0.3
2150.000	1775.	-1.5	-0.5	1.0
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WEIGHTED AVG FOR REACH		-1.0	-0.3	0.6

FHF FOR THE REACH = 010 WITH 100.00 OF THE REACH WITHIN 0.5 FEET  
 ZONE FOR THE REACH = A 2

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