

PROFILE
 DAVIDSON COUNTY
 BASIN C
 STREAM 15
 ARNOLD CREEK

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1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901

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PROGRAMMER=MAK

ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND			JOB PARAMETERS			TIME USED INCLUDES			MISC. JOB VALUES		
	DATE	TIME		SPECIFIED	USED		NO.	EQUIVALENT			
ENTERED	9/16/77	7:28:29.8	TIME	1:00.0	0:11.6	CPU		0:01.1	LINES IN		42
EXECUTED	9/16/77	7:28:35.3	PAGES	100	9	UR EXCPS	464	0:01.9	LINES OUT		336
RETURNED	9/16/77	13:14:23.6	CARDS	0	0	DISK EXCPS	431	0:08.6	MEMORY TIME		5800 K-SEC
JOB ENTERED ON FRIDAY			PLOTS	0	0	TAPE READ-WRITE		0:00.0	PRIORITY		00
						TAPE FILE SEARCH		0:00.0	APPROX. COST		\$2.12

JOB CONSOLE LOG

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N 7.28.32 JOB 125 -- RMKC15 -- JCL INTERPRETED, TUCC CPU #1
N 7.28.35 JOB 125 -- RMKC15 -- BEGINNING EXEC - INIT 4 - CLASS
L* 7.28.35 JOB 125 +++++S=255,T=01,J=RMKC15 7:28:35 MAK
N 7.28.46 JOB 125 END EXECUTION.

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

T1 ROWAN & DAVIDSON CO. BASIN C STREAM 15
 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.	0.010000	0.0	0.0	0.	729.700	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	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 875.000

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
3720	CRITICAL	DEPTH	ASSUMED						
875.00	3.54	729.73	729.73	729.70	730.04	0.31	0.0	0.0	729.40
391.	55.	197.	139.	34.	33.	72.	0.	0.	729.10
0.0	1.64	5.99	1.92	0.055	0.035	0.055	0.0	726.20	1119.07
0.008696	875.	875.	875.	0	15	0	0.0	190.73	1309.80

*SECNO 2250.000

2250.00	2.64	744.64	744.57	0.0	745.02	0.38	14.96	0.02	742.90
266.	182.	84.	0.	52.	12.	0.	3.	4.	746.80
0.08	3.48	7.17	0.0	0.055	0.035	0.055	0.035	742.00	1097.97
0.015946	1375.	1375.	1375.	15	13	0	0.0	58.23	1156.20

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T1 ROWAN & DAVIDSON CO. BASIN C STREAM 15
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.010000	0.0	0.0	0.	729.700	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 875.000

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
875.00	3.63	729.83	0.0	729.70	730.19	0.35	0.0	0.0	729.40
493.	78.	228.	186.	40.	34.	83.	0.	0.	729.10
0.0	1.96	6.61	2.25	0.055	0.035	0.055	0.0	726.20	1118.28
0.009981	875.	875.	875.	0	0	5	0.0	192.62	1311.10

*SECNO 2250.000

2250.00	2.95	744.95	744.79	0.0	745.30	0.35	15.12	0.00	742.90
348.	254.	94.	0.	69.	14.	0.	4.	4.	746.80
0.08	3.69	6.87	0.0	0.055	0.035	0.055	0.035	742.00	1096.08
0.012719	1375.	1375.	1375.	16	14	0	0.0	60.38	1156.46

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

T1 ROWAN & DAVIDSON CO. BASIN C STREAM 15
 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.	0.010000	0.0	0.0	0.	730.200	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 4

CCHV= 0.100 CEHV= 0.300

*SECNO 875.000

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	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
875.00	3.92	730.12	0.0	730.20	730.50	0.37	0.0	0.0	729.40
751.	149.	282.	320.	60.	39.	116.	0.	0.	729.10
0.0	2.50	7.21	2.76	0.055	0.035	0.055	0.0	726.20	1115.94
0.010013	875.	875.	875.	0	0	6	0.0	199.04	1314.98

*SECNO 2250.000

2250.00	3.44	745.44	0.0	0.0	745.89	0.45	15.37	0.02	742.90
562.	433.	129.	0.	96.	17.	0.	5.	4.	746.80
0.07	4.53	7.62	0.0	0.055	0.035	0.055	0.035	742.00	1093.20
0.013078	1375.	1375.	1375.	6	0	0	0.0	63.67	1156.86

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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

726.2 *726.2*
U
W
W

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
A *	875.000	875.00	0.0	0.0	205.00	726.20	729.46	729.46	4.83	1121.28	1306.16	87.46	0.0
A *	875.000	875.00	0.0	0.0	391.00	726.20	729.73	729.73	5.99	1119.07	1309.80	138.76	0.27
	875.000	875.00	0.0	0.0	493.00	726.20	729.83	0.0	6.61	1118.28	1311.10	157.53	0.10
	875.000	875.00	0.0	0.0	751.00	726.20	730.12	0.0	7.21	1115.94	1314.98	214.51	0.29
B *	2250.000	1375.00	0.0	0.0	127.00	742.00	744.11	744.11	6.72	1106.65	1155.76	34.82	0.0
	2250.000	1375.00	0.0	0.0	266.00	742.00	744.64	744.57	7.17	1097.97	1156.20	64.00	0.53
	2250.000	1375.00	0.0	0.0	348.00	742.00	744.95	744.79	6.87	1096.08	1156.46	82.63	0.31
	2250.000	1375.00	0.0	0.0	562.00	742.00	745.44	0.0	7.62	1093.20	1156.86	112.55	0.48

SUMMARY OF ERRORS

CAUTION SECNO= 875.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 875.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2250.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2250.000 PROFILE= 1 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		
		10C	2C	0.2C
875.000	0.	-0.4	-0.1	0.3
2250.000	1375.	-0.8	-0.3	0.5

WEIGHTED AVG FOR REACH		-0.6	-0.2	0.4

FHF FOR THE REACH = 005 WITH 100.00 OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 1

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EJ