

# PROFILE

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THOMASVILLE  
36T

PROGRAMMER=KEZIAN                    ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND		JOB PARAMETERS		TIME USED INCLUDES		MISC. JOB VALUES	
DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT		
ENTERED	4/20/77 13:07:37.4	TIME	2:00.0	0:00.5	CPU	0:01.1	LINES IN 42
EXECUTED	4/20/77 20:55:03.3	PAGES	200	0	DP EXCPS	0:01.6	LINES OUT 276
RETURNED	4/21/77 10:31:48.9	CARDS	0	1	DISK EXCPS	0:00.9	MEMORY TIME 9245 K-SEC
JOB ENTERED BY	KEZIAN	PLOTS	0	0	TAPE READ-WRITE	0:00.0	PRIORITY 00
					TAPE FILE SEARCH	0:00.0	APPRX. COST 32.16

JOB CONSOLE LOG

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4 20.54.43 JOB 5 -- RPK36T -- JCL INTERPRETED, PUCC CPU #2
4 20.55.02 JOB 8 -- RPK36T -- BEGINNING EXEC - INIT 4 - CLASS
L*20.55.03 JOB 8 *****S=068.T=02.J=RPK36T 20:55:03 KEZIAN
4 20.58.47 JOB 8 END EXECUTION.

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CCHV= 0.100 CERV= 0.300

SECNO	DEPTH	CWSEL	CRIVS	WSELK	EG	IIV	HL	DLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SS1A
SLOPE	XLOBL	XLCH	XLOBP	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3900.00	1.11	835.41	0.0	839.30	835.67	0.26	0.0	0.0	836.40
68.	0.	59.	9.	0.	13.	5.	0.	0.	834.50
0.0	0.0	4.35	1.75	0.055	0.035	0.055	0.0	834.30	1141.23
0.011984	3900.	3900.	3900.	0	0	8	0.0	26.57	1167.81
5500.00	1.42	854.62	0.0	0.0	854.90	0.29	19.23	0.01	857.20
34.	0.	34.	0.	0.	8.	0.	0.	1.	856.90
0.10	0.0	4.29	0.0	0.055	0.035	0.055	0.035	853.20	1159.23
0.012080	1600.	1600.	1600.	3	0	1	0.0	8.21	1167.44

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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 THOMASVILLE-DAVIDSON CO. STRM 36T  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.012000	0.0	0.0	0.	840.300	0.0
J2	WPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV=	0.100	CEHV=	0.300							
SECNO	DEPTH	CWSFL	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	IUC	ICONJ	CORAR	TOPWID	ENDST	
3900.00	1.67	835.97	0.0	840.30	836.36	0.39	0.0	0.0	836.40	
157.	0.	123.	34.	0.	22.	14.	0.	0.	834.50	
0.0	0.0	5.51	2.41	0.055	0.035	0.055	0.0	834.30	1138.84	
0.011359	3900.	3900.	3900.	0	0	8	0.0	36.19	1175.03	
5500.00	2.15	855.35	0.0	0.0	855.62	0.46	19.43	0.02	857.20	
82.	0.	82.	0.	0.	15.	0.	1.	1.	856.90	
0.08	0.0	5.47	0.0	0.055	0.035	0.055	0.035	853.20	1150.31	
0.012457	1600.	1600.	1600.	4	0	1	0.0	10.93	1169.24	

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 HEC2 VERSION UPDATED JAN 15  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
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T1 THOMASVILLE-DAVIDSON CO. STRM 36T  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	4.	0.	0.	0.012000	0.0	0.0	0.	842.300	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FD	ALLDC	IBW	CHNIN	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	DLOSS	BANK ELEV
Q	VLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	ANL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENOST
3900.00	1.94	836.24	0.0	842.30	836.68	0.44	0.0	0.0	836.40
214.	0.	142.	52.	0.	27.	20.	0.	0.	834.50
0.0	0.0	5.95	2.67	0.055	0.035	0.055	0.0	334.30	1137.69
0.011821	3900.	3900.	3900.	0	0	8	0.0	40.82	1170.51
5500.00	2.49	855.69	0.0	0.0	856.25	0.57	19.54	0.04	857.20
114.	0.	114.	0.	0.	19.	0.	1.	1.	856.90
0.07	0.0	6.04	0.0	0.055	0.035	0.055	0.035	353.20	1157.89
0.012993	1600.	1600.	1600.	4	0	1	0.0	12.16	1170.03

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T1 THOMASVILLE-DAVIDSON CO. STRM 36T  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	100	NINV	IDIR	STRT	METRIC	HVIHS	0	WSEL	FO	
		-10.	5.	0.	0.	0.012000	0.0	0.0	0.	843.300	0.0
J2	NPROF	IPLOT	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	

CCHV= 0.100 CEHV= 0.300

5720 ASSUMED CRITICAL DEPTH

SECTO	DEPTH	CWSFL	CRWS	WSELK	EG	HV	HL	OCLOSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	STA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	LEJST
3900.00	2.45	836.75	836.75	843.30	837.33	0.58	0.0	0.0	836.40
372.	11.	259.	103.	9.	57.	33.	0.	0.	854.50
0.0	1.14	7.03	3.13	0.055	0.035	0.055	0.0	854.30	1098.91
0.011542	3900.	3900.	3900.	0	1"	1	0.0	86.21	1185.12
5500.00	3.21	856.41	0.0	0.0	857.25	0.32	19.83	0.07	857.20
203.	0.	208.	0.	0.	29.	0.	2.	2.	856.50
0.06	0.0	7.27	0.0	0.055	0.055	0.055	0.055	853.20	1155.99
0.014175	1600.	1600.	1600.	5	0	1	0.0	14.82	1171.81

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STEMCL	STEMCR	VCH
3900.00	3900.00	0.0	0.0	834.30	68.00	835.41	6.21	835.67	26.57	0.0	0.0	4.35
3900.00	3900.00	0.0	0.0	834.30	157.00	835.97	14.34	836.36	36.19	0.0	0.0	5.51
3900.00	3900.00	0.0	0.0	834.30	214.00	836.24	19.68	836.68	40.82	0.0	0.0	5.95
3900.00	3900.00	0.0	0.0	834.30	372.00	836.75	34.63	837.33	86.21	0.0	0.0	7.03
5500.00	1600.00	0.0	0.0	853.20	34.00	854.62	3.09	854.90	8.21	0.0	0.0	4.29
5500.00	1600.00	0.0	0.0	853.20	82.00	855.35	7.35	855.82	10.93	0.0	0.0	5.47
5500.00	1600.00	0.0	0.0	853.20	114.00	855.69	10.00	856.25	12.16	0.0	0.0	6.04
5500.00	1600.00	0.0	0.0	853.20	208.00	856.41	17.47	857.23	14.82	0.0	0.0	7.27

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
3900.000	68.000	835.412	0.0	0.0	0.0	26.573	0.0	3900.000
3900.000	157.000	835.970	0.558	0.0	0.0	36.193	-9.619	3900.000
3900.000	214.000	836.239	0.269	0.0	0.0	40.824	-14.251	3900.000
3900.000	372.000	836.750	0.511	0.0	0.0	86.210	-59.637	3900.000
5500.000	34.000	854.618	0.0	19.206	0.0	8.206	0.0	1600.000
5500.000	82.000	855.352	0.734	19.383	0.0	10.931	-2.725	1600.000
5500.000	114.000	855.688	0.335	19.449	0.0	12.164	-3.958	1600.000
5500.000	208.000	856.409	0.721	19.659	0.0	14.822	-6.615	1600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	0.639	0.0
2	0.0	0.0	0.865	0.227
3	0.0	0.0	0.973	0.334
4	0.0	0.0	1.855	1.217

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EJ

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