
 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,58

T1 THOMASVILLE-DAVIDSON CO. STRM 34T
 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	FR
	-10.	3.	0.	0.	0.052000	0.0	0.0	0.	734.900	0.0
J2	NPYDF	ISLDT	PREVS	XSECV	XSECH	FW	ALLDC	IBW	CHNLA	ITRAGE
	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

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	SLOPE	JCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOS	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
150.00	2.31	731.21	731.21	734.90	731.62	0.41	0.0	0.0	729.70
153.	57.	56.	49.	18.	7.	16.	0.	0.	723.90
0.0	3.08	7.59	2.56	0.055	0.038	0.058	0.0	720.90	1179.92
0.015345	150.	150.	150.	0	22	1	0.0	50.89	1230.81

3685 20 TRIALS USED WSEL,CWSEL

7188 RI SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	SLOPE	JCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOS	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
850.00	1.64	766.94	766.94	0.0	767.36	0.42	12.20	0.0	768.20
120.	0.	120.	0.	0.	23.	0.	1.	1.	768.20
0.04	0.0	5.20	0.0	0.055	0.035	0.055	0.035	765.30	1052.59
0.019827	700.	700.	700.	30	19	1	0.0	23.20	1087.79

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T1 THOMASVILLE-DAVIDSON CO, STRM 34T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOE NO, 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	4.	0.	0.	0.052000	0.0	0.0	0.	736.900	0.0
J2	WPROF	IPL0T	PREVS	XSECV	XSECH	FN	ALLOD	IBW	CHNIN	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECTO	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	JTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
150.00	2.50	731.40	731.40	736.90	731.80	0.44	0.0	0.0	729.70
202.	77.	67.	50.	23.	8.	20.	0.	0.	729.90
0.0	3.34	4.16	2.82	0.055	0.035	0.055	0.0	720.90	1177.17
0.015026	151.	150.	150.	0	17	1	0.0	57.14	1234.01

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECTO	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	JTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
250.00	1.84	767.14	767.14	0.0	767.61	0.47	12.12	0.0	768.20
161.	0.	161.	0.	0.	25.	0.	1.	1.	768.20
0.04	0.0	5.52	0.0	0.055	0.035	0.055	0.035	765.30	1058.04
0.019061	760.	700.	700.	30	19	1	0.0	31.72	1089.76

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T1 THOMASVILLE-DAVIDSON CO. STRM 34T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6916
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-10.	3.	0.	0.	0.052000	0.0	0.0	0.	757.900	0.0
J2	UPROF	I2LOI	PNEVS	XSECV	XSECH	FA	ALDCC	IBW	CHNLI	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CCHV= 0.200

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	GLLOSS	BANK ELEV
TIDE	YLOI	YCH	YROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
150.00	2.89	731.79	731.79	737.90	732.31	0.52	0.0	0.0	729.70
334.	1.3	91.	110.	34.	10.	33.	0.	0.	729.90
0.0	2.27	6.36	3.27	0.055	0.035	0.055	0.0	720.90	1171.59
0.016825	150.	150.	150.	0	17	1	0.0	69.35	1241.44

3685 20 TRIALS USED WSEL,CWSEL

7185 100 SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	GLLOSS	BANK ELEV
TIDE	YLOI	YCH	YROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
250.00	2.27	767.57	767.57	0.0	768.15	0.50	12.06	0.0	768.20
272.	0.	272.	0.	0.	44.	0.	1.	1.	768.20
0.03	0.0	6.13	0.0	0.055	0.035	0.055	0.035	765.30	1054.72
0.017759	700.	700.	700.	30	15	1	0.0	39.12	1093.91

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TS	CG	TOPWID	STENCL	STENCR	VCH
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150.00	150.00	0.0	0.0	728.90	73.00	730.82	6.49	731.10	38.42	0.0	0.0	5.01
150.00	150.00	0.0	0.0	728.90	153.00	731.20	12.15	731.61	50.89	0.0	0.0	7.59
150.00	150.00	0.0	0.0	728.90	202.00	731.40	15.92	731.84	57.14	0.0	0.0	8.16
150.00	150.00	0.0	0.0	728.90	344.00	731.79	25.75	732.31	69.85	0.0	0.0	9.38
850.00	700.00	0.0	0.0	765.30	55.00	766.49	3.69	766.80	20.61	0.0	0.0	4.47
850.00	700.00	0.0	0.0	765.30	120.00	766.93	6.52	767.35	28.20	0.0	0.0	5.20
850.00	700.00	0.0	0.0	765.30	161.00	767.14	11.66	767.61	31.72	0.0	0.0	5.52
850.00	700.00	0.0	0.0	765.30	272.00	767.57	20.41	768.15	39.12	0.0	0.0	6.13

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
150.000	73.000	730.621	0.0	0.0	0.0	38.417	0.0	150.000
150.000	153.000	731.215	0.384	0.0	0.0	50.890	-12.473	150.000
150.000	202.000	731.387	0.192	0.0	0.0	57.138	-16.721	150.000
150.000	344.000	731.736	0.391	0.0	0.0	69.849	-31.432	150.000

850.000	55.000	766.494	0.0	35.673	0.0	20.608	0.0	700.000
850.000	120.000	766.935	0.441	35.730	0.0	28.197	-7.589	700.000
850.000	161.000	767.139	0.204	35.742	0.0	31.716	-11.103	700.000
850.000	272.000	767.562	0.430	35.731	0.0	39.124	-18.518	700.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE EPC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	0.474	0.0
2	0.0	0.0	3.638	0.151
3	0.0	0.0	0.714	0.240
4	0.0	0.0	0.876	0.401

HEC2 VERSION UPDATED JAN 1975
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