
 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, STREAM 26T
 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 R WSEL FG
 -10. 3. 0. 0. 0.026000 0.0 0.0 0. 772.100 0.0

J2 NPROF TPLT PREVS XSECV XSECH EN ALLDC TRW 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

3720 ASSUMED CRITICAL DEPTH

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
100.00	3.53	765.63	765.63	772.10	770.22	0.60	0.0	0.0	767.70
195.	35.	94.	66.	12.	11.	20.	0.	0.	767.60
0.0	2.99	8.30	3.26	0.055	0.035	0.055	0.0	766.10	1080.03
0.013135	100.	100.	100.	0	14	1	0.0	37.31	1117.34

3665 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

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
775.00	2.09	789.69	789.69	0.0	790.09	0.40	8.60	0.0	789.50
117.	7.	58.	52.	3.	9.	20.	1.	1.	788.20
0.04	2.14	6.72	2.61	0.055	0.035	0.055	0.035	787.60	1064.37
0.012864	675.	675.	675.	30	14	1	0.0	37.44	1101.81

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T1 THOMASVILLE-DAVIDSON CO. STREAM 26T
 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	FR
	-10%	4.	0.	0.	01026000	0.0	0.0	0.	774.100	0.0
J2	NPROF	IPLOT	RBEVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	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

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
100.00	3.85	769.95	769.95	774.10	770.53	0.59	0.0	0.0	767.70
253.	50.	108.	95.	16.	13.	28.	0.	0.	767.60
0.0	3.16	8.55	3.42	0.055	0.035	0.055	0.0	766.10	1078.04
0.012035	100.	100.	100.	0	13	1	0.0	42.94	1124.95

3685 20 TRIALS USED WSEL, CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

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
775.00	2.26	789.86	789.86	0.0	790.31	0.45	8.50	0.0	788.50
154.	10.	70.	74.	4.	10.	25.	1.	1.	788.20
0.04	2.35	7.32	2.99	0.055	0.035	0.055	0.035	737.60	1063.56
0.013489	675.	675.	675.	30	11	1	0.0	41.66	1105.22

 HEC2 VERSION UPDATED JAN 1977
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
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T1 THOMASVILLE-DAVIDSON CO. STREAM 26T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FD

-19. 5. 0. 0. 0.026000 0.0 0.0 0. 775.100 0.0

J2 UPROF YPLOT RREVS XSECV XSECH FV ALLOC IBW CHM ITRAC

15.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CCHV= 0.100 CCHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECTO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
TIME	VLOS	VCH	VRQS	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
SLOPE	XLOS	XLCH	XLOS	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

100.00	4.41	770.51	770.51	775.10	771.17	0.66	0.0	0.0	767.70
407.	51.	103.	172.	25.	15.	44.	0.	0.	767.60
0.0	3.73	9.63	3.95	0.055	0.035	0.055	0.0	756.10	1074.54
0.012304	100.	100.	100.	0	3	1	0.0	52.83	1127.57

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECTO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
TIME	VLOS	VCH	VRQS	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
SLOPE	XLOS	XLCH	XLOS	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

775.00	2.64	790.24	790.24	0.0	790.77	0.53	8.68	0.0	788.50
251.	20.	95.	135.	7.	11.	30.	1.	1.	788.20
0.04	2.85	8.37	3.60	0.055	0.035	0.055	0.035	787.50	1051.78
0.013840	675.	675.	675.	30	14	1	0.0	51.01	1112.78

1 SUMMARY PRINTOUT FOR MULTIPLE PROFILES 1

4 500 YEAR FLOOD WATER SUR 5

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TA	EG	TOPWID	STENCL	STENCR	VCH
100.00	100.00	0.0	0.0	766.10	96.000	769.01	8.68	769.50	26.49	0.0	0.0	6.81
100.00	100.00	0.0	0.0	766.10	195.00	769.63	17.01	770.22	37.31	0.0	0.0	8.30
100.00	100.00	0.0	0.0	766.10	253.00	769.94	23.00	770.53	42.94	0.0	0.0	8.56
100.00	100.00	0.0	0.0	766.10	407.00	770.51	35.69	771.17	52.83	0.0	0.0	9.63
775.00	675.00	0.0	0.0	787.60	58.00	789.24	4.93	789.57	27.00	0.0	0.0	5.68
775.00	675.00	0.0	0.0	787.60	117.00	789.69	10.32	790.09	37.44	0.0	0.0	6.72
775.00	675.00	0.0	0.0	787.60	154.00	789.86	13.26	790.31	41.66	0.0	0.0	7.32
775.00	675.00	0.0	0.0	787.60	251.00	790.24	21.34	790.77	51.01	0.0	0.0	8.37

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
100.000	96.000	769.010	0.0	0.0	0.0	26.495	0.0	100.000
100.000	195.000	769.625	0.615	0.0	0.0	37.310	-10.816	100.000
100.000	253.000	769.945	0.320	0.0	0.0	42.937	-16.442	100.000
100.000	407.000	770.507	0.563	0.0	0.0	52.825	-26.331	100.000
775.000	58.000	789.236	0.0	20.226	0.0	27.001	0.0	675.000
775.000	117.000	789.690	0.454	20.065	0.0	37.441	-10.440	675.000
775.000	154.000	789.861	0.171	15.915	0.0	41.662	-14.561	675.000
775.000	251.000	790.239	0.378	15.731	0.0	51.008	-24.006	675.000

DATA FOR LAST CROSS SECTION PROFILE

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	0.414	0.0
2	0.0	0.0	0.579	0.165
3	0.0	0.0	0.655	0.241
4	0.0	0.0	0.804	0.390

1	*****	1
2	HEC2 VERSION UPDATED JAN 1975	2
3	ERROR CORRECTIONS 01,02,03,04,05,06,07,08	3
4	MODIFICATIONS 52,53,54,55,56,57,58	4
5	*****	5
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