
 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 16T
 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 0 WSEL EQ
 -10. 3. 0. 0. 0.012000 0.0 0.0 0. 870.300 0.0

J2 NPROF IPLOT 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

CCHV= 0.100 CEHV= 0.300

3720 ASSURED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRHS	WSELK	EG	HV	HL	DLOSS	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
325.00	5.31	869.61	869.61	870.30	870.16	0.55	0.0	0.0	868.40
347.	22.	232.	93.	13.	33.	43.	0.	0.	868.60
0.0	1.74	7.13	2.16	0.055	0.035	0.055	0.0	864.30	1160.19
0.008130	325.	325.	325.	0	9	1	0.0	83.78	1243.98
3275.00	1.98	898.38	0.0	0.0	898.73	0.35	28.55	0.02	896.70
168.	59.	53.	57.	20.	7.	21.	5.	5.	896.90
0.19	2.91	7.44	2.67	0.055	0.035	0.055	0.035	896.40	1238.99
0.014687	2950.	2950.	2950.	4	0	1	0.0	56.68	1295.67

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T1 THOMASVILLE-DAVIDSON CO. STRM 167
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6913
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IOIR STRT METRIC HVINS Q WSEL FG
 -10. 4. 0. 0. 0.012000 0.0 0.0 0. 872.300 0.0

J2 NPROF IPLOT 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

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	QWSEL	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	
325.00	5.58	869.88	869.88	872.30	870.45	0.57	0.0	0.0	868.40	
449.	38.	266.	145.	19.	35.	59.	0.	0.	868.60	
0.0	2.02	7.59	2.45	0.055	0.035	0.055	0.0	864.30	1155.46	
0.000354	325.	325.	325.	0	18	1	0.0	97.11	1252.57	
3275.00	2.23	898.63	898.55	0.0	898.99	0.36	28.52	0.02	896.70	
228.	81.	63.	84.	27.	0.	29.	6.	6.	896.90	
0.19	3.05	7.76	2.87	0.055	0.035	0.055	0.035	896.40	1235.34	
0.013359	2950.	2950.	2950.	14	19	1	0.0	65.37	1300.71	

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T1 THOMASVILLE-DAVIDSON CO. STRM 161
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINQ	IDIR	STRT	METRIC	HVINS	Q	WSEL	FW
	-10.	5.	0.	0.	0.012000	0.0	0.0	0.	873.300	0.0
J2	NPROF	IPLT	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

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	LOSS	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	
325.00	6.07	870.37	870.37	873.30	871.00	0.63	0.0	0.0	868.40	
714.	87.	343.	284.	33.	39.	93.	0.	0.	868.60	
0.0	2.59	8.70	3.05	0.055	0.035	0.055	0.0	864.30	1147.04	
0.009374	325.	325.	325.	0	18	1	0.0	120.80	1267.83	
3275.00	2.79	899.19	0.0	0.0	899.52	0.34	28.49	0.03	870.70	
391.	139.	82.	169.	44.	10.	51.	9.	7.	896.90	
0.19	3.15	7.97	3.30	0.055	0.035	0.055	0.035	856.40	1227.40	
0.010207	2950.	2950.	2950.	4	0	1	0.0	85.62	1313.03	

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	TQ	EG	TOPWID	STENCL	STENCR	VCH
325.00	325.00	0.0	0.0	864.30	169.00	868.60	15.45	869.34	35.19	0.0	0.0	6.97
325.00	325.00	0.0	0.0	864.30	347.00	869.61	38.48	870.16	85.78	0.0	0.0	7.13
325.00	325.00	0.0	0.0	864.30	449.00	869.88	49.13	870.45	97.11	0.0	0.0	7.59
325.00	325.00	0.0	0.0	864.30	714.00	870.37	73.74	871.00	120.80	0.0	0.0	8.70
3275.00	2950.00	0.0	0.0	896.40	74.00	898.11	9.12	898.25	47.68	0.0	0.0	4.47
3275.00	2950.00	0.0	0.0	896.40	168.00	898.38	13.86	898.73	56.68	0.0	0.0	7.44
3275.00	2950.00	0.0	0.0	896.40	228.00	898.63	19.73	898.99	65.37	0.0	0.0	7.76
3275.00	2950.00	0.0	0.0	896.40	391.00	899.19	38.70	899.52	85.62	0.0	0.0	7.97

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
325.000	169.000	868.604	0.0	0.0	0.0	35.192	0.0	325.000
325.000	347.000	869.607	1.003	0.0	0.0	85.783	-48.591	325.000
325.000	449.000	869.881	0.274	0.0	0.0	97.111	-61.920	325.000
325.000	714.000	870.370	0.489	0.0	0.0	120.797	-85.606	325.000
3275.000	74.000	898.109	0.0	29.505	0.0	47.682	0.0	2950.000
3275.000	168.000	898.377	0.268	28.770	0.0	56.678	-8.996	2950.000
3275.000	228.000	898.631	0.254	28.750	0.0	65.370	-17.688	2950.000
3275.000	391.000	899.186	0.555	28.816	0.0	85.624	-37.942	2950.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	2.806	0.0
2	0.0	0.0	4.756	1.950
3	0.0	0.0	5.502	2.696
4	0.0	0.0	6.990	4.183