
REPORT RELEASE DATED NOV 76 UPDATED FEB. 1977

FORM CORR - 01

MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN 1 STREAM 32 CAIN CREEK
 T2 FLOODPLAIN STUDY AT ROKAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	TO BECK	LEG	DIRTY	DIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	3.	0.	0.	0.004300	0.0	0.0	0.	772.400	0.0
J2	WROOF	PLOT	PREVS	XSECV	XSECH	FN	ALLOC	IQW	CHNIM	ITRACE
	0.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PRDF 2

CHVE 0.100 CEMV= 0.300

*SECD0 2200.000

SEC ID	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	DLOSS	BANK ELEV
TIME	VLEN	WCH	VROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
SLOPE	XLOIL	XLCH	XLOR	ITIAL	IDC	ICONT	CORAR	TOPWID	ENDST
2200.00	4.36	770.68	0.0	772.40	770.79	0.11	0.0	0.0	770.20
836.	523.	145.	240.	256.	31.	127.	0.	0.	769.90
0.0	2.04	4.63	0.12	0.055	0.035	0.055	0.0	786.40	1235.06
0.003937	2200.	2200.	2200.	0	0	4	0.0	308.32	1543.33

*SECD0 4300.000

4300.00	5.07	778.47	0.0	0.0	778.82	0.42	0.00	0.09	778.20
836.	125.	712.	20.	123.	121.	33.	17.	14.	778.20
0.12	1.59	5.87	0.45	0.055	0.035	0.055	0.035	773.40	1209.17
0.001601	2100.	2100.	2100.	3	0	0	0.0	259.69	1468.87

 HEAD RELEASE DATED NOV 76 DATED FEB 1977
 DRAIN CORR - 01
 MODIFICATION - 50,81,52

01 DAVIDSON COUNTY BASIN 1 STREAK 32 CAIRN CREEK
 02 FLOODPLAIN STUDY AT BOWMAN & DAVIDSON COUNTIES H-G JOB NO. 6918
 03 100 YEAR FLOOD WATER SURFACE PROFILE

01	ICHECK	I	DINV	IDIR	STRT	METRIC	RVIDS	0	NSEL	EQ
	-10.	0.	0.	0.	0.000000	0.0	0.0	0.	774.400	0.0
02	*PROF	1201	PRFVS	RSECV	XSECH	EQ	ALLOC	IBW	CHMIN	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 3

CCNV= 0.100 CCNV= 0.500
 *SECS 2200.000

SECH0	DEPTH	NSEL	CR15	NSELK	EG	HV	HL	LOSS	BANK ELEV
0	0.05	0CH	0.05	ALOB	ACH	AROE	VOL	TWA	LEFT/RIGHT
TIME	WID	YCH	VRCH	CON	XCH	XWR	WTD	ELMIN	SSTA
SLOPE	XLORL	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
2200.00	4.46	770.36	1.0	774.40	770.90	0.12	0.0	0.0	770.20
1145.0	5.11	161.	3.31	235.	33.	143.	0.	0.	769.30
0.0	2.22	0.56	7.51	0.055	0.035	0.035	0.0	765.40	1230.90
0.003377	22.06	2200.	2200.	0	0	0	0.0	312.88	1540.77

*SECS 4300.000

4300.00	3.71	778.71	0.0	0.0	779.13	0.42	3.06	0.09	773.20
1145.	2.57	732.	0.5	156.	139.	53.	20.	14.	778.20
0.12	1.53	0.12	1.19	0.055	0.035	0.035	0.035	775.40	1206.51
0.007588	21.00	2100.	2100.	3	0	0	0.0	265.65	1470.15

 REPORT RELEASE DATED NOV 76 UPDATED FEB 1977
 REPORT CORE - 01
 MODIFICATION - 06.51.52

01 CIVILSO GURNEY BASIN 1 STRLAD 37 CHM CREEK
 02 FLOODPLAIN STUDY AT JOHNSON DEVIATION COUNTIES A-G JOB NO. 5918
 03 - 9 SEAS FLOOD WATER CONVERGENCE PROFILE

01	INCHES	IN	FEET	FEET	STRT	AGTRIC	HVINS	3	WSEL	EG
	1.5	5.	1.	0.	0.001000	0.0	0.0	0.	775.400	0.0
02	DEPTH	TOUET	PREVS	XSECV	XSECH	EM	ALLDC	IBW	CH'UM	ITRAC
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROP 4

CHVE= 0.100 CFMVE= 0.500
 *SECD 2200.000

SEC 40	DEPTH	WSEL	CHRS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	2L00	000	0000	AL00	ACH	ARCR	VOL	TXA	LEFT/RIGHT
TICE	2L00	000	0000	AL00	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XL00	XL00	XL00	TRIAL	IDC	IC00T	CORAP	TOPWID	ENDST
0000.00	4.00	771.20	0.0	775.40	771.40	0.14	0.0	0.0	770.20
1649.	4.00	194.	0.10	777.	777.	101.	0.	0.	769.40
0.0	2.00	5.00	0.00	0.000	0.000	0.000	0.0	766.40	1201.79
0.000000	0.00	0.00	0.00	0.00	0.00	0.00	0.0	622.88	1544.64
*SECD 4000.000									
0000.00	4.00	779.10	0.0	775.61	775.61	0.43	8.12	0.00	770.20
1649.	4.00	194.	0.10	777.	777.	101.	0.	0.	769.40
0.0	2.00	5.00	0.00	0.000	0.000	0.000	0.000	775.40	1201.57
0.000000	0.00	0.00	0.00	0.00	0.00	0.00	0.0	271.36	1472.67

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

NOTE - Asterisk (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF
 SUMMARY PRINTOUT

SECRD	XLCH	ELTRD	ELLC	Q	ELMIN	COSCL	CRIMS	VCH	SSTA	ENDST	AREA	UIFWSP
2200.000	2200.00	0.0	0.0	518.00	766.40	770.22	0.0	4.17	1245.65	1542.36	274.73	0.0
2200.000	2200.00	0.0	0.0	936.00	766.40	770.68	0.0	4.63	1235.06	1543.36	410.47	0.46
2200.000	2200.00	0.0	0.0	1143.00	766.40	770.86	0.0	4.86	1230.90	1543.77	469.39	0.18
2200.000	2200.00	0.0	0.0	1640.00	766.40	771.26	0.0	5.28	1221.79	1544.64	594.62	0.39
4300.000	2100.00	0.0	0.0	518.00	773.40	777.73	0.0	5.03	1217.14	1370.42	130.91	0.0
4300.000	2100.00	0.0	0.0	936.00	773.40	779.47	0.0	5.87	1209.17	1460.87	277.34	0.74
4300.000	2100.00	0.0	0.0	1143.00	773.40	778.71	0.0	6.12	1206.51	1470.16	341.07	0.24
4300.000	2100.00	0.0	0.0	1640.00	773.40	779.18	0.0	6.66	1201.37	1472.67	466.62	0.47

SUMMARY OF ERRORS

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		
		100	20	0.20
2000.000	0.	-0.6	-0.2	0.4
4300.000	2100.	-1.0	-0.2	0.5
WEIGHTED AVG FOR REACH		-0.8	-0.2	0.4

FHF FOR THE REACH = 0.10 WITH 100.00 OF THE REACH WITHIN 0.5 FEET
 ZONE FOR THE REACH = A 2

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

T1 DAVIDSON COUNTY BASIN I STREAM 32 CAIN CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES H-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	RIW	IDIV	STRT	NETRIC	HVINS	Q	WSLL	FQ
	-1.	2.	0.	0.	0.002000	0.0	0.0	0.	771.400	0.0
J2	NPROF	INLOT	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHWIN	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE COEFS FOR SUMMARY PRINTOUT									
	31.000	39.000	49.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
DC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
DT	5.000	518.000	936.000	1143.000	1600.000	1143.000	0.0	0.0	0.0	0.0
ET	3.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	700.000	14.000	1439.000	1450.000	700.000	700.000	700.000	0.0	0.0	0.0
GR	783.500	1000.000	773.300	1100.000	772.200	1200.000	769.300	1267.000	769.100	1300.000
SR	759.300	1400.000	770.200	1439.000	767.200	1441.000	766.400	1444.000	767.500	1446.000
SP	769.600	1450.000	769.300	1500.000	768.700	1539.000	783.200	1571.000	0.0	0.0
X1	4300.000	14.000	1356.000	1379.000	3500.000	3600.000	3600.000	0.0	0.0	0.0
GR	792.000	1000.000	783.500	1100.000	779.300	1200.000	777.200	1223.000	777.500	1300.000
SR	773.200	1346.000	773.900	1356.000	773.400	1370.000	774.200	1374.000	778.200	1379.000
SP	777.900	1400.000	778.300	1468.000	784.300	1500.000	793.700	1529.000	0.0	0.0
SD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

A

B

 HFCP RELEASE DATED NOV 78 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 80,51,52

T1 DAVIDSON COUNTY BASIN I STREAM 32 CAIN CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50-YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F0
	-10.	3.	0.	0.	0.002000	0.0	0.0	0.	772.400	0.0
J2	MPROT	INLOT	PRFVS	XSECV	XSECH	FW	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 700.000

SECNO	DEPTH	WSEL	CRINS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOQ	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOQ	VCH	VROB	XNL	XNCH	XJR	WTN	ELMIN	SSTA
SLOPE	XLOPL	XLCH	XLOBK	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
700.00	4.81	771.01	0.0	772.40	771.08	0.06	0.0	0.0	770.20
935.	540.	124.	273.	324.	35.	157.	0.	0.	769.80
0.0	1.66	3.56	1.73	0.055	0.035	0.055	0.0	766.40	1227.44
0.002005	700.	700.	700.	0	0	5	0.0	316.66	1544.10

*SECNO 4300.000

4300.00	5.83	778.73	0.0	0.0	779.00	0.27	7.86	0.06	778.20
936.	230.	844.	56.	159.	130.	57.	36.	24.	778.20
0.26	1.48	4.99	0.98	0.055	0.035	0.055	0.035	775.40	1206.27
0.002389	3600.	3600.	3600.	0	0	0	0.0	264.00	1470.28

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

T1 DAVIDSON COUNTY BASIN I STREAM 32 CAIN CREEK
 T2 FLOODPLAIN STUDY AT HOWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ICG	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.002000	0.0	0.0	0.	774.400	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FW	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 700.000

SECNO	DEPTH	CWSFL	CRWS	WSELK	CG	HV	HL	OLOSS	BANK ELEV
0	QLOB	ACH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCH	XML	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XI ORL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CONAR	TOPWID	ENDST
700.00	4.84	771.24	0.0	774.40	771.31	0.07	0.0	0.0	770.20
1143.	670.	159.	355.	374.	37.	179.	0.	0.	769.80
0.0	1.79	3.71	1.97	0.055	0.035	0.055	0.0	766.40	1222.11
0.001936	700.	700.	700.	0	0	5	0.0	322.50	1544.61

*SECNO 4300.000

4300.00	5.84	778.98	0.0	0.0	779.25	0.28	7.88	0.06	778.20
1143.	326.	715.	98.	194.	156.	80.	41.	24.	778.20
0.25	1.63	5.19	1.22	0.055	0.035	0.055	0.035	773.40	1203.54
0.002425	3600.	3600.	3600.	5	0	0	0.0	263.07	1471.61

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 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN 1 STREAM 32 CAIN CREEK
 T2 FLOODPLAIN STUDY AT ROHAM & DAVIDSON COUNTIES N-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IBC	MINV	ICIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	5.	0.	0.	0.002000	0.0	0.0	0.	775.400	0.0
J2	NPROF	IPILOT	PREVS	YSECV	XSECH	FI	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 CCHV= 0.300

SECNO	DEPTH	CHSEL	CHTNG	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	GL04	ICH	OROP	AL03	ACH	AR03	VOL	TWA	LEFT/RIGHT
TIGE	VLOB	VCH	VROF	XUL	XUCH	XNR	WTN	ELMIN	SSTA
SLOPE	SLUCL	XLC0	XLCOR	ITRIAL	IDC	ICONT	CURAR	TOPWID	ENDST
700.00	5.32	771.72	0.0	775.40	771.31	0.09	0.0	0.0	770.20
1641.	9.85	172.	0.03	450.	45.	225.	0.	0.	769.80
0.0	2.05	5.04	2.15	0.055	0.035	0.055	0.0	766.40	1211.04
0.001978	7.00	700.	7.00	0	0	5	0.0	354.63	1545.67

SECNO	DEPTH	CHSEL	CHTNG	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	GL04	ICH	OROP	AL03	ACH	AR03	VOL	TWA	LEFT/RIGHT
TIGE	VLOB	VCH	VROF	XUL	XUCH	XNR	WTN	ELMIN	SSTA
SLOPE	SLUCL	XLC0	XLCOR	ITRIAL	IDC	ICONT	CURAR	TOPWID	ENDST
4300.00	6.09	779.09	0.0	0.0	779.70	0.23	7.91	0.06	778.20
1640.	5.11	477.	0.13	269.	155.	129.	54.	25.	778.20
0.00	2.05	5.04	1.00	0.055	0.035	0.055	0.035	773.40	1197.36
0.002455	7.00	3687.	7.00	5	0	0	0.0	276.98	1474.35

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 MODIFICATION - 50,51,52

NOTE - ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

	SECHO	YLGH	ELTHD	ELLC	Q	ELMH	CRSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
	700.000	700.00	0.0	0.0	518.00	766.40	770.47	0.0	3.14	1239.95	1542.91	348.70	0.0
A	700.000	700.00	0.0	0.0	936.00	766.40	771.01	0.0	3.56	1227.44	1544.10	516.42	0.54
	700.000	700.00	0.0	0.0	1143.00	766.40	771.24	0.0	3.71	1222.11	1544.61	590.17	0.23
	700.000	700.00	0.0	0.0	1640.00	766.40	771.72	0.0	4.04	1211.04	1545.67	747.69	0.48
	0300.000	3600.00	0.0	0.0	518.00	773.40	778.02	0.0	4.30	1214.01	1420.49	172.87	0.0
B	4300.000	3600.00	0.0	0.0	936.00	773.40	778.73	0.0	4.95	1206.27	1470.28	346.65	0.71
	4300.000	3600.00	0.0	0.0	1143.00	773.40	778.98	0.0	5.19	1203.54	1471.61	413.12	0.25
	4300.000	3600.00	0.0	0.0	1640.00	773.40	779.49	0.0	5.64	1197.36	1474.35	552.83	0.51

SUMMARY OF ERRORS

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		
		10f	2f	0.2f
700.000	0.	-0.4	-0.2	0.5
4300.000	3600.	-1.0	-0.2	0.5
WEIGHTED AVG FOR REACH		-0.9	-0.2	0.5

FHF FOR THE REACH = 0.10 WITH 100.0% OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = A 2
