
 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAMF	5
T2	100 YEAR FLOOD	MARCH 1981 BCH	10
T3	TATHAM CREEK	100 YEAR FLOODWAY	15

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	4.	0.	0.	0.00568	0.	0.0	2720.	1769.00	0.0	20

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	1.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	25

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
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NC	0.060	0.055	0.050	0.1	0.5						35
QT	6.	1310.	2210.	2720.	3960.	10500.	2720.	0.	0.	0.	40
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	45

X1	0.03	17.	582.	650.	0.	0.	0.	0.0	0.0	0.	50
GR	1790.0	0.	1769.0	190.	1768.0	250.	1767.5	350.	1768.2	450.	55
GR	1769.0	550.	1769.7	582.	1764.3	600.	1763.5	605.	1763.0	610.	60
GR	1763.0	620.	1763.8	627.	1770.3	650.	1770.0	660.	1771.0	760.	65
GR	1770.7	860.	1790.0	1000.	0.0	0.	0.0	0.	0.0	0.	70
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	75

X1	0.03	0.	0.	0.	60.	60.	60.	0.0	0.0	0.	80
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	85

X1	0.03	17.	600.	628.	1.	1.	1.	0.0	0.0	0.	90
BT	4.0	600.0	1790.9	0.0	600.0	1790.9	1769.2	628.0	1771.0	1769.4	95
BT	628.0	1769.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
GR	1790.0	0.	1769.0	190.	1768.0	250.	1767.5	350.	1768.2	450.	105
GR	1769.0	550.	1770.9	600.	1764.3	600.	1763.5	605.	1763.0	610.	110
GR	1763.0	620.	1763.8	627.	1771.3	628.	1770.0	660.	1771.0	760.	115
GR	1770.7	860.	1790.0	1000.	0.0	0.	0.0	0.	0.0	0.	120
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	125

X1	0.03	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	130
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	135
NC	0.065	0.065	0.055	0.0	0.0						140
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	145

801

X1	0.03	17.	582.	650.	1.	1.	1.	0.0	0.0	0.	150
GR	1790.0	0.	1769.0	190.	1768.0	250.	1767.5	350.	1768.2	450.	155
GR	1769.0	550.	1769.7	582.	1764.3	600.	1763.5	605.	1763.0	610.	160
GR	1763.0	620.	1763.8	627.	1770.3	650.	1770.0	660.	1771.0	760.	165
GR	1770.7	860.	1790.0	1000.	0.0	0.	0.0	0.	0.0	0.	170
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	175
X1	0.03	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	180
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	401.00	651.00	0.0	185
X1	0.06	0.	0.	0.	140.	140.	140.	0.0	1.80	0.	190
NC	0.075	0.075	0.055	0.0	0.0						195
QT	6.	1310.	2200.	2710.	3950.	10500.	2710.	0.	0.	0.	200
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	600.00	720.00	0.0	205
X1	0.13	29.	607.	680.	450.	450.	450.	0.0	0.0	0.	210
GR	1800.0	30.	1775.2	200.	1775.9	400.	1777.6	500.	1775.5	600.	215
GR	1775.0	607.	1770.8	615.	1771.5	628.	1770.0	640.	1770.0	645.	220
GR	1770.5	650.	1770.5	660.	1772.8	680.	1800.0	680.	1800.0	710.	225
GR	1772.9	710.	1773.0	713.	1774.0	720.	1774.8	740.	1800.0	740.	230
GR	1800.0	800.	1777.0	800.	1777.2	1000.	1778.0	1100.	1780.5	1200.	235
GR	1781.8	1300.	1783.0	1500.	1788.8	1625.	1799.0	1685.	0.0	0.	240
NC	0.065	0.075	0.050	0.3	0.8						245
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	600.00	720.00	0.0	250
X1	0.13	23.	600.	720.	40.	40.	40.	0.0	0.0	0.	255
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1777.5	1778.5		260
GR	1800.0	30.	1775.2	200.	1775.9	400.	1777.6	500.	1775.5	600.	265
GR	1775.0	607.	1770.8	615.	1771.5	628.	1770.0	640.	1770.0	645.	270
GR	1770.5	650.	1770.5	660.	1772.8	680.	1772.7	705.	1773.0	713.	275
GR	1774.0	716.	1774.0	720.	1777.0	800.	1782.3	900.	1783.0	1200.	280
GR	1784.4	1533.	1788.8	1625.	1799.0	1685.	0.0	0.	0.0	0.	285
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	600.00	720.00	0.0	290
X1	0.13	43.	600.	720.	1.	1.	1.	0.0	0.0	0.	295
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1777.5	1778.5		300
BT	4.0	600.0	1781.7	0.0	604.0	1781.7	1779.4	720.0	1782.0	1779.5	305
BT	722.0	1782.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310
GR	1800.0	30.	1778.5	180.	1780.4	400.	1781.3	520.	1781.7	600.	315
GR	1779.4	604.	1775.0	607.	1770.8	614.	1779.4	614.	1779.4	615.	320
GR	1770.8	615.	1771.5	627.	1779.4	627.	1779.4	628.	1771.5	628.	325
GR	1770.0	639.	1779.4	639.	1779.4	640.	1770.0	640.	1770.0	645.	330
GR	1770.5	649.	1779.4	649.	1779.4	650.	1770.5	650.	1770.5	659.	335
GR	1779.5	659.	1779.5	660.	1770.5	660.	1772.8	679.	1779.5	679.	340
GR	1779.5	680.	1772.8	680.	1772.7	704.	1779.5	704.	1779.5	705.	345
GR	1772.7	705.	1774.0	716.	1779.5	720.	1782.0	722.	1782.3	800.	350
GR	1784.5	1500.	1788.8	1625.	1799.0	1685.	0.0	0.	0.0	0.	355
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	600.00	720.00	0.0	360
X1	0.13	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	365
X2	0.	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.	370
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1779.0	1781.8		375
NC	0.070	0.060	0.055	0.0	0.0						380
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	600.00	720.00	0.0	385

*PROF 1

CCHV= 0.100 CEHV= 0.500

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81		TOPWID	
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.03	2720.	1181.	1539.	0.	0.32	0	452.	
1769.50	0.0	498.	270.	0.	0.50	0	1769.70	
6.50	1769.00	2.37	5.71	0.0	0.0	1769.83	1770.30	
0.005667	0.0	0.060	0.050	0.055	0.0	-0.00	185.45	
	1763.00	0.	0.	0.	431.	31.	647.18	0.

*SECNO .030

*** GR CARDS REPEATED

0.03	2720.	1376.	1344.	0.	0.19	2	467.	
1769.90	0.0	656.	296.	0.	-0.13	0	1769.70	
6.90	0.0	2.10	4.54	0.0	0.26	1770.10	1770.30	
0.003310	0.049	0.060	0.050	0.055	0.01	-0.00	181.83	
	1763.00	60.	60.	60.	434.	33.	648.59	1.

*SECNO .030

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	2720.	2000.	720.	0.	0.19	0	420.	
1769.91	0.0	651.	164.	0.	-0.01	0	1770.90	
6.91	0.0	3.07	4.39	0.0	0.00	1770.10	1771.30	
0.007028	0.048	0.060	0.050	0.055	0.00	-16.49	181.80	
	1763.00	1.	1.	1.	432.	14.	627.81	1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	2720.	2044.	676.	0.	0.17	2	423.	
1770.00	0.0	687.	164.	0.	-0.02	0	1770.90	
7.00	0.0	2.97	4.12	0.0	0.07	1770.17	1771.30	
0.006201	0.048	0.060	0.050	0.055	0.00	-18.98	180.96	
	1765.00	10.	10.	10.	433.	14.	627.83	1.

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	ENDST		VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
0.03	2720.	1427.	1293.	0.	0.17	0	469.		
1770.00	0.0	698.	303.	0.	-0.00	0	1769.70		
7.00	0.0	2.05	4.27	0.01	0.00	1770.17	1770.30		
0.003458	0.047	0.065	0.055	0.065	0.00	-0.00	180.90		
	1763.00	1.	1.	1.	435.	45.	660.56		1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

0.03	2720.	1444.	1276.	0.	0.16	0	476.		
1770.05	0.0	716.	306.	0.	-0.01	0	1769.70		
7.05	0.0	2.02	4.17	0.09	0.03	1770.21	1770.30		
0.003264	0.048	0.065	0.055	0.065	0.00	-0.00	180.48		
	1763.00	10.	10.	10.	436.	49.	665.18		2.

*SECNO .060

*** GR CARDS REPEATED

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	ENDST		VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
7185 MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
0.06	2720.	895.	1825.	0.	0.63	1	425.		
1770.86	1770.86	331.	242.	0.	0.47	9	1771.50		
6.06	0.0	2.71	7.55	0.0	0.81	1771.49	1772.10		
0.013013	0.052	0.065	0.055	0.065	0.24	-0.00	189.48		
	1764.80	140.	140.	140.	427.	30.	645.60		4.

*SECNO .130

3265 DIVIDED FLOW

0.13	2710.	73.	2484.	153.	0.75	6	326.		
1775.88	1774.74	75.	343.	55.	0.12	12	1775.00		

F01

5.88	0.0	0.97	7.25	2.79	5.08	1776.63	1800.00	
0.009890	0.054	0.075	0.055	0.075	0.06	-0.00	195.35	10.
	1770.00	450.	450.	450.	448.	97.	740.00	

CCHV= 0.300 CEHV= 0.800
 *SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1777.50 ELREA= 1778.50

0.13	2710.	0.	2710.	0.	0.38	2	120.	
1776.60	0.0	0.	551.	0.	-0.38	0	1775.50	
6.60	0.0	0.0	4.92	0.0	0.23	1776.97	1774.00	
0.003657	0.054	0.065	0.050	0.075	0.11	-0.00	600.00	10.
	1770.00	40.	40.	40.	60.	60.	720.00	

*SECNO .130

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	QLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1777.50 ELREA= 1778.50

0.13	2710.	0.	2710.	0.	0.47	1	105.	
1776.58	0.0	0.	494.	0.	0.09	0	1781.70	
6.58	0.0	0.0	5.49	0.0	0.01	1777.05	1779.50	
0.009102	0.054	0.065	0.050	0.075	0.07	-0.00	605.91	10.
	1770.00	1.	1.	1.	54.	58.	717.89	

*SECNO .130

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1779.00 ELREA= 1781.80

0.13	2710.	0.	2710.	0.	0.45	2	105.	
1776.70	0.0	0.	505.	0.	-0.02	0	1781.70	
6.70	0.0	0.0	5.37	0.0	0.09	1777.15	1779.50	
0.008564	0.053	0.065	0.050	0.075	0.01	-0.00	605.84	10.
	1770.00	10.	10.	10.	54.	58.	717.96	

*SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1779:00 ELREA= 1781.80

0.13	2710.	0.	2710.	0.	0.34	2	120.
1776.84	0.0	0.	580.	-0.11	0.01	0	1775.50
6.84	0.0	0.0	4.67	0.01	1777.18	0	1774.00
0.003717	0.053	0.070	0.055	0.03	-0.00	60.	600.00
	1770.00	1.	1.	60.	60.	720.00	10.

*SECNO .130

0.13	2710.	108.	989.	1612.	0.33	0	552.
1775.96	0.0	64.	153.	532.	-0.01	0	1775.00
6.96	0.0	1.68	6.49	3.03	0.10	1777.28	1773.00
0.006410	0.053	0.070	0.055	0.060	0.00	-0.00	552.44
	1770.00	20.	20.	20.	78.	474.	1104.19
							11.

*SECNO .140

0.14	2710.	97.	1059.	1553.	0.41	2	520.
1777.51	0.0	55.	149.	463.	0.09	0	1775.70
6.81	0.0	1.78	7.13	3.36	0.57	1777.92	1773.70
0.008003	0.053	0.070	0.055	0.060	0.07	-0.00	557.58
	1770.70	80.	80.	80.	73.	447.	1077.18
							12.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

TATHAM CREEK														
MILE	Q	CRIMS	ALOB	QCH	GROB	HV	IDC	TOPMID						
ELEV	WSELK	MTN	VL OB	ACH	AROB	DHV	EG	BANK ELEV	LEFT	RIGHT	ENDST	VOL		
DEPTH	ELMIN	XNL	XNCH	VCH	XNR	HL	CORAR	SSTA						
SLOPE	XL OBL	XL OBL	XL OBL	XL OBL	XL OBL	OL OSS	MSDR	MSDR						
0.26	2700.	156.	1700.	844.	0.58		2	351.						
1781.97	0.0	65.	231.	289.	0.16		0	1779.40						
7.17	0.0	2.39	7.35	2.92	4.55		1782.55	1779.40						
0.007420	0.054	0.065	0.055	0.065	0.08		-0.00	666.39						
	1774.80	590.	590.	590.	88.		263.	1017.36						
												20.		

*SECNO .290

GR CARDS REPEATED														
0.29	2700.	116.	1872.	712.	0.90		4	280.						
1783.51	1783.38	41.	213.	183.	0.32		11	1781.40						
6.71	0.0	2.80	8.78	3.88	1.69		1784.40	1781.40						
0.014035	0.055	0.065	0.060	0.065	0.16		-0.00	695.63						
	1776.80	170.	170.	170.	58.		222.	975.50						
												22.		

*SECNO .460

0.46	2680.	14.	2018.	648.	0.88		4	138.					
1795.93	0.0	9.	243.	150.	-0.02		0	1795.00					
7.13	0.0	1.45	8.30	4.32	12.41		1796.81	1791.70					
0.011036	0.057	0.065	0.060	0.065	0.00		-0.00	216.39					

H01

1788.80

1000.

1000.

1000.

40.

98.

354.42

32.

THIS RUN EXECUTED 05/02/81 8:17:23

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAMF	570								
T2	100 YR FLOODWAY	MARCH 1981 BCH	575								
T3	TATHAM CREEK	100 YEAR FLOODWAY	580								
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	7.	0.	0.	0.0	0.	0.0	2720.	1770.50	0.0	585
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	590

*PROF 2

CCHV= 0.100 CEHV= 0.500

*SECNO .030

TATHAM CREEK		100 YR FLOODWAY			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	CI OSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.03	2720.	875.	1845.	0.	0.35	0	250.	
1770.50	0.0	348.	336.	0.	0.50	0	1769.70	
7.50	1769.50	2.51	5.49	0.55	0.0	1770.85	1770.30	
0.004190	0.0	0.060	0.050	0.055	0.0	0.0	401.00	
	1763.00	0.	0.	0.	215.	35.	651.00	0.

*SECNO .030

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.03	2720.	956.	1764.	0.	0.28	2	250.	
1770.80	0.0	401.	356.	1.	-0.07	0	1769.70	
7.80	1769.90	2.38	4.95	0.73	0.22	1771.07	1770.30	
0.003156	0.049	0.060	0.050	0.055	0.01	-0.00	401.00	
	1763.00	60.	60.	60.	215.	35.	651.00	1.

*SECNO .030

3700. BRIDGE STENCL= 401.00 STENCR= 651.00

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.03	2720.	1766.	952.	2.	0.39	2	232.	
1770.74	0.0	388.	165.	2.	0.11	0	1770.90	
7.74	1769.91	4.56	5.78	0.96	0.01	1771.14	1771.30	
0.012320	0.048	0.060	0.050	0.055	0.06	-39.10	401.00	
	1763.00	1.	1.	1.	213.	37.	651.00	1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

K01

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.03	2720.	1838.	877.	4.	0.34	2	240.	
1770.91	0.0	421.	165.	4.	-0.05	0	1770.90	
7.91	1770.00	4.37	5.32	1.13	0.11	1771.25	1771.30	
0.010460	0.048	0.060	0.050	0.055	0.00	-43.61	401.00	
	1763.00	10.	10.	10.	213.	37.	651.00	1.

*SECNO .030

TATHAM CREEK		100 YR FLOODWAY			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.03	2720.	1024.	1695.	1.	0.23	2	250.	
1771.04	0.0	445.	373.	1.	-0.11	0	1769.70	
8.04	1770.00	2.30	4.55	0.71	0.01	1771.27	1770.30	
0.003032	0.047	0.065	0.055	0.065	0.01	-0.00	401.00	
	1763.00	1.	1.	1.	215.	35.	651.00	1.

*SECNO .030

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.03	2720.	1032.	1687.	1.	0.23	2	250.	
1771.07	0.0	452.	375.	1.	-0.01	0	1769.70	
8.07	1770.05	2.28	4.50	0.71	0.03	1771.30	1770.30	
0.002940	0.048	0.065	0.055	0.065	0.00	-0.00	401.00	
	1763.00	10.	10.	10.	215.	35.	651.00	1.

*SECNO .060

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	401.0	651.0	TYPE=	1	TARGET=	250.000		
0.06	2720.	608.	2112.	0.	0.68	2	247.	
1771.56	0.0	214.	286.	0.	0.46	0	1771.50	
6.76	1770.86	2.84	7.37	0.0	0.71	1772.24	1772.10	
0.010913	0.052	0.065	0.055	0.065	0.23	-0.00	401.00	
	1764.80	140.	140.	140.	215.	32.	648.09	3.

*SECNO .130

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=	600.0	720.0	TYPE=	1	TARGET=	120.000		
0.13	2710.	10.	2621.	79.	0.81	4	90.	
1776.09	0.0	6.	358.	28.	0.13	0	1775.00	
6.09	1775.88	1.63	7.32	2.88	4.59	1776.90	1800.00	
0.009559	0.054	0.075	0.055	0.075	0.06	-0.00	600.00	
	1770.00	450.	450.	450.	44.	76.	720.00	8.

CCHV= 0.300 CEHV= 0.800
*SECNO .130

3470 ENCROACHMENT STATIONS= 600.0 720.0 TYPE= 1 TARGET= 120.000

3495 OVBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1777.50 ELREA= 1778.50

0.13	2710.	0.	2710.	0.	0.33	2	120.
1776.91	0.0	0.	588.	0.	-0.48	0	1775.50
6.91	1776.60	0.0	4.61	0.0	0.20	1777.24	100000.00
0.003026	0.054	0.065	0.050	0.075	0.14	-0.00	600.00
	1770.00	40.	40.	40.	60.	60.	720.00

*SECNO .130

3700. BRIDGE STENCL= 600.00 STENCR= 720.00

3265 DIVIDED FLOW

TATHAM CREEK		100 YR FLOODWAY			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3470 ENCROACHMENT STATIONS= 600.0 720.0 TYPE= 1 TARGET= 120.000

3495 OVBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1777.50 ELREA= 1778.50

0.13	2710.	0.	2710.	0.	0.41	9	105.
1776.90	0.0	0.	525.	0.	0.08	0	1781.70
6.90	1776.58	0.0	5.16	0.0	0.00	1777.31	100000.00
0.007681	0.054	0.065	0.050	0.075	0.07	-0.00	605.71
	1770.00	1.	1.	1.	54.	58.	718.10

*SECNO .130

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3470 ENCROACHMENT STATIONS= 600.0 720.0 TYPE= 1 TARGET= 120.000

3495 OVBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1779.00 ELREA= 1781.80

0.13	2710.	0.	2710.	0.	0.40	2	106.
1776.99	0.0	0.	536.	0.	-0.02	0	1781.70
6.99	1776.70	0.0	5.06	0.0	0.07	1777.39	100000.00
0.007265	0.053	0.065	0.050	0.075	0.00	-0.00	605.64

M01

1770.00 10. 10. 10. 54. 58. 718.18 9.

*SECNO .130

3470 ENCROACHMENT STATIONS= 600.0 720.0 TYPE= 1 TARGET= 120.000

3495 OVBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1779.00 ELREA= 1781.80

0.13	2710.	0.	2710.	0.	0.30	2	120.
1777.12	0.0	0.	613.	0.	-0.09	0	1775.50
7.12	1776.84	0.0	4.42	0.0	0.00	1777.42	100000.00
0.003197	0.053	0.070	0.055	0.060	0.03	-0.00	600.00
	1770.00	1.	1.	1.	60.	60.	720.00

9.

*SECNO .130

3470 ENCROACHMENT STATIONS= 600.0 720.0 TYPE= 1 TARGET= 120.000

0.13	2710.	97.	1214.	1400.	0.65	2	120.
1777.15	0.0	34.	157.	259.	0.35	0	1775.00
7.15	1776.96	2.85	7.73	5.41	0.10	1777.80	1773.00
0.008747	0.053	0.070	0.055	0.060	0.28	-0.00	600.00
	1770.00	20.	20.	20.	31.	89.	720.00

9.

*SECNO .140

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS= 600.0 720.0 TYPE= 1 TARGET= 120.000

0.14	2710.	96.	1214.	1400.	0.65	2	120.
1777.85	0.0	34.	157.	259.	0.00	0	1775.70
7.15	1777.51	2.85	7.73	5.41	0.70	1778.50	1773.70
0.008754	0.053	0.070	0.055	0.060	0.00	-0.00	600.00
	1770.70	80.	80.	80.	31.	89.	720.00

10.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

TATHAM CREEK			100 YR FLOODWAY		05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS= 729.0 794.0 TYPE= 1 TARGET= 65.000

0.26	2700.	70.	2310.	319.	1.06	2	65.
1782.83	0.0	20.	264.	72.	0.41	0	1779.40
8.03	1781.97	3.58	8.76	4.42	5.19	1783.90	1779.40
0.008839	0.054	0.065	0.055	0.065	0.20	-0.00	729.00
	1774.80	590.	590.	590.	25.	40.	794.00

15.

*SECNO .290

*** GR CARDS REPEATED

AD2

3470 ENCROACHMENT STATIONS=	729.0	794.0	TYPE=	1	TARGET=	65.000	
0.29	2700.	72.	2305.	324.	1.16	2	65.
1784.54	0.0	18.	252.	66.	0.10	0	1781.40
7.74	1783.50	4.03	9.13	4.91	1.75	1785.69	1781.40
0.012123	0.055	0.065	0.060	0.065	0.05	-0.00	729.00
	1776.80	170.	170.	170.	25.	40.	794.00
							17.

*SECNO .460

3470 ENCROACHMENT STATIONS=	237.0	277.0	TYPE=	1	TARGET=	40.000	
0.46	2680.	0.	2668.	12.	1.41	4	40.
1796.87	0.0	0.	280.	5.	0.25	0	1795.00
8.07	1795.93	0.0	9.54	2.30	12.46	1798.28	1791.70
0.012815	0.057	0.065	0.060	0.065	0.13	-0.00	237.00
	1788.80	1000.	1000.	1000.	20.	20.	277.00
							24.

THIS RUN EXECUTED 05/02/81 8:17:24

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

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

TATHAM CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
0.030	1769.50	0.50	1769.83	452.	0.	0.	0.	582.	650.	1181.	1539.	0.
0.030	1770.50	1.00	1770.85	250.	250.	401.	651.	582.	650.	875.	1845.	0.
0.030	1769.90	0.0	1770.10	467.	0.	0.	0.	582.	650.	1376.	1344.	0.
0.030	1770.80	0.89	1771.07	250.	250.	401.	651.	582.	650.	956.	1764.	0.
0.030	1769.91	0.0	1770.10	420.	0.	0.	0.	600.	628.	2000.	720.	0.
0.030	1770.74	0.83	1771.14	232.	250.	401.	651.	600.	628.	1766.	952.	2.
0.030	1770.00	0.0	1770.17	423.	0.	0.	0.	600.	628.	2044.	676.	0.
0.030	1770.91	0.91	1771.25	240.	250.	401.	651.	600.	628.	1838.	877.	4.
0.030	1770.00	0.0	1770.17	469.	0.	0.	0.	582.	650.	1427.	1293.	0.
0.030	1771.04	1.03	1771.27	250.	250.	401.	651.	582.	650.	1024.	1695.	1.
0.030	1770.05	0.0	1770.21	476.	0.	0.	0.	582.	650.	1444.	1276.	0.
0.030	1771.07	1.03	1771.30	250.	250.	401.	651.	582.	650.	1032.	1687.	1.
*	0.060	1770.86	0.0	1771.49	425.	0.	0.	582.	650.	895.	1825.	0.
	0.060	1771.56	0.70	1772.24	247.	250.	401.	582.	650.	608.	2112.	0.
0.130	1775.88	0.0	1776.63	326.	0.	0.	0.	607.	680.	73.	2484.	153.
0.130	1776.09	0.21	1776.90	90.	120.	600.	720.	607.	680.	10.	2621.	79.
0.130	1776.60	0.0	1776.97	120.	0.	0.	0.	600.	720.	0.	2710.	0.
0.130	1776.91	0.31	1777.24	120.	120.	600.	720.	600.	720.	0.	2710.	0.
0.130	1776.58	0.0	1777.05	105.	0.	0.	0.	600.	720.	0.	2710.	0.
0.130	1776.90	0.31	1777.31	105.	120.	600.	720.	600.	720.	0.	2710.	0.
0.130	1776.70	0.0	1777.15	105.	0.	0.	0.	600.	720.	0.	2710.	0.
0.130	1776.99	0.30	1777.39	106.	120.	600.	720.	600.	720.	0.	2710.	0.
0.130	1776.84	0.0	1777.18	120.	0.	0.	0.	600.	720.	0.	2710.	0.
0.130	1777.12	0.28	1777.42	120.	120.	600.	720.	600.	720.	0.	2710.	0.
0.130	1776.96	0.0	1777.28	552.	0.	0.	0.	618.	643.	108.	989.	1612.
0.130	1777.15	0.19	1777.80	120.	120.	600.	720.	618.	643.	97.	1214.	1400.

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
0.140	1777.51	0.0	1777.92	520.	0.	0.	0.	618.	643.	97.	1059.	1553.
0.140	1777.85	0.34	1778.50	120.	120.	600.	720.	618.	643.	96.	1214.	1400.
0.260	1781.97	0.0	1782.55	351.	0.	0.	0.	735.	773.	156.	1700.	844.
0.260	1782.83	0.86	1783.90	65.	65.	729.	794.	735.	773.	70.	2310.	319.
0.290	1783.50	0.0	1784.40	280.	0.	0.	0.	735.	773.	116.	1872.	712.
0.290	1784.54	1.03	1785.69	65.	65.	729.	794.	735.	773.	72.	2305.	324.
0.460	1795.93	0.0	1796.81	138.	0.	0.	0.	237.	276.	14.	2018.	648.
0.460	1796.87	0.94	1798.28	40.	40.	237.	277.	237.	276.	0.	2668.	12.

SUMMARY OF ERRORS

CAUTION SECNO= 0.060 PROFILE= 1 CRITICAL DEPTH ASSUMED

FLOODWAY DATA TATHAM CREEK
 PROFILE NO. 2

STATION	----- WIDTH (FT)	FLOODWAY SECTION AREA	----- MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.030	250.	684.	4.0	1770.5	1769.5	1.0
0.030	250.	758.	3.6	1770.8	1769.9	0.9
0.030	250.	554.	4.9	1770.7	1769.9	0.8
0.030	250.	589.	4.6	1770.9	1770.0	0.9
0.030	250.	819.	3.3	1771.0	1770.0	1.0
0.030	250.	828.	3.3	1771.1	1770.0	1.1
0.060	250.	500.	5.4	1771.6	1770.9	0.7
0.130	120.	391.	6.9	1776.1	1775.9	0.2
0.130	120.	588.	4.6	1776.9	1776.6	0.3
0.130	120.	525.	5.2	1776.9	1776.6	0.3
0.130	120.	536.	5.1	1777.0	1776.7	0.3
0.130	120.	613.	4.4	1777.1	1776.8	0.3
0.130	120.	450.	6.0	1777.1	1777.0	0.1
0.140	120.	449.	6.0	1777.8	1777.5	0.3
0.260	65.	356.	7.6	1782.8	1782.0	0.8
0.290	65.	336.	8.0	1784.5	1783.5	1.0
0.460	40.	285.	9.4	1796.9	1795.9	1.0

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 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAM	5
T2	10 YEAR FLOOD	MARCH 1981 BCH	10
T3	TATHAM CREEK	FLOOD PROFILES	15

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	2.	0.	0.	0.00568	0.	0.0	1310.	1769.00	0.0	20

J2	NPROF	IPLLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	1.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	25

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	150.00	0.0	160.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
NC	0.060	0.055	0.050	0.1	0.5						35
QT	6.	1310.	2210.	2720.	3960.	10500.	2720.	0.	0.	0.	40

X1	0.03	17.	582.	650.	0.	0.	0.	0.0	0.0	0.	45
GR	1790.0	0.	1769.0	190.	1768.0	250.	1767.5	350.	1768.2	450.	50
GR	1769.0	550.	1769.7	582.	1764.3	600.	1763.5	605.	1763.0	610.	55
GR	1763.0	620.	1763.8	627.	1770.3	650.	1770.0	660.	1771.0	760.	60
GR	1770.7	860.	1790.0	1000.	0.0	0.	0.0	0.	0.0	0.	65

X1	0.03	0.	0.	0.	60.	60.	60.	0.0	0.0	0.	70
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X1	0.03	17.	600.	628.	1.	1.	1.	0.0	0.0	0.	75
BT	4.0	600.0	1790.9	0.0	600.0	1790.9	1769.2	628.0	1771.0	1769.4	80
BT	628.0	1769.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
GR	1790.0	0.	1769.0	190.	1768.0	250.	1767.5	350.	1768.2	450.	90
GR	1769.0	550.	1770.9	600.	1764.3	600.	1763.5	605.	1763.0	610.	95
GR	1763.0	620.	1763.8	627.	1771.3	628.	1770.0	660.	1771.0	760.	100
GR	1770.7	860.	1790.0	1000.	0.0	0.	0.0	0.	0.0	0.	105

X1	0.03	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	110
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	115
NC	0.065	0.065	0.055	0.0	0.0						120

X1	0.03	17.	582.	650.	1.	1.	1.	0.0	0.0	0.	125
GR	1790.0	0.	1769.0	190.	1768.0	250.	1767.5	350.	1768.2	450.	130
GR	1769.0	550.	1769.7	582.	1764.3	600.	1763.5	605.	1763.0	610.	135
GR	1763.0	620.	1763.8	627.	1770.3	650.	1770.0	660.	1771.0	760.	140
GR	1770.7	860.	1790.0	1000.	0.0	0.	0.0	0.	0.0	0.	145

801

X1	0.03	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	150
X1	0.06	0.	0.	0.	140.	140.	140.	0.0	1.80	0.	155
NC	0.075	0.075	0.055	0.0	0.0						160
QT	6.	1310.	2200.	2710.	3950.	10500.	2710.	0.	0.	0.	165
X1	0.13	29.	607.	680.	450.	450.	450.	0.0	0.0	0.	170
GR	1800.0	30.	1775.2	200.	1775.9	400.	1777.6	500.	1775.5	600.	175
GR	1775.0	607.	1770.8	615.	1771.5	628.	1770.0	640.	1770.0	645.	180
GR	1770.5	650.	1770.5	660.	1772.8	680.	1800.0	680.	1800.0	710.	185
GR	1772.9	710.	1773.0	713.	1774.0	720.	1774.8	740.	1800.0	740.	190
GR	1800.0	800.	1777.0	800.	1777.2	1000.	1778.0	1100.	1780.5	1200.	195
GR	1781.8	1300.	1783.0	1500.	1788.8	1625.	1799.0	1685.	0.0	0.	200
NC	0.065	0.075	0.050	0.3	0.8						205
X1	0.13	23.	600.	720.	40.	40.	40.	0.0	0.0	0.	210
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1777.5	1778.5		215
GR	1800.0	30.	1775.2	200.	1775.9	400.	1777.6	500.	1775.5	600.	220
GR	1775.0	607.	1770.8	615.	1771.5	628.	1770.0	640.	1770.0	645.	225
GR	1770.5	650.	1770.5	660.	1772.8	680.	1772.7	705.	1773.0	713.	230
GR	1774.0	716.	1774.0	720.	1777.0	800.	1782.3	900.	1783.0	1200.	235
GR	1784.4	1533.	1788.8	1625.	1799.0	1685.	0.0	0.	0.0	0.	240
X1	0.13	43.	600.	720.	1.	1.	1.	0.0	0.0	0.	245
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1777.5	1778.5		250
BT	4.0	600.0	1781.7	0.0	604.0	1781.7	1779.4	720.0	1782.0	1779.5	255
BT	722.0	1782.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260
GR	1800.0	30.	1778.5	180.	1780.4	400.	1781.3	520.	1781.7	600.	265
GR	1779.4	604.	1775.0	607.	1770.8	614.	1779.4	614.	1779.4	615.	270
GR	1770.8	615.	1771.5	627.	1779.4	627.	1779.4	628.	1771.5	628.	275
GR	1770.0	639.	1779.4	639.	1779.4	640.	1770.0	640.	1770.0	645.	280
GR	1770.5	649.	1779.4	649.	1779.4	650.	1770.5	650.	1770.5	659.	285
GR	1779.5	659.	1779.5	660.	1770.5	660.	1772.8	679.	1779.5	679.	290
GR	1779.5	680.	1772.8	680.	1772.7	704.	1779.5	704.	1779.5	705.	295
GR	1772.7	705.	1774.0	716.	1779.5	720.	1782.0	722.	1782.3	800.	300
GR	1784.5	1500.	1788.8	1625.	1799.0	1685.	0.0	0.	0.0	0.	305
X1	0.13	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	310
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	315
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1779.0	1781.8		320
NC	0.070	0.060	0.055	0.0	0.0						325
X1	0.13	23.	600.	720.	1.	1.	1.	0.0	0.0	0.	330
X3	10.	0.0	0.0	0.	0.0	0.	0.0	1779.0	1781.8		335
GR	1800.0	30.	1775.2	200.	1775.9	400.	1777.6	500.	1775.5	600.	340
GR	1775.0	607.	1770.8	615.	1771.5	628.	1770.0	640.	1770.0	645.	345
GR	1770.5	650.	1770.5	660.	1772.8	680.	1772.7	705.	1773.0	713.	350
GR	1774.0	716.	1774.0	720.	1777.0	800.	1782.3	900.	1783.0	1200.	355
GR	1784.4	1533.	1788.8	1625.	1799.0	1685.	0.0	0.	0.0	0.	360
X1	0.13	18.	618.	643.	20.	20.	20.	0.0	-0.30	0.	365

*PROF 1

CCHV= 0.100 CEHV= 0.500

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		10 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	ENDST		VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
0.03	1310.	218.	1092.	0.	0.36	0	326.		
1768.50	0.0	154.	209.	0.	0.50	0	1769.70		
5.50	1769.00	1.42	5.23	0.0	0.0	1768.86	1770.30		
0.005767	0.0	0.060	0.050	0.055	0.0	-0.00	219.86		
	1763.00	0.	0.	0.	396.	28.	643.64		0.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

0.03	1310.	386.	924.	0.	0.18	2	411.		
1768.94	0.0	291.	235.	0.	-0.18	0	1769.70		
5.94	0.0	1.33	3.93	0.0	0.24	1769.12	1770.30		
0.002980	0.049	0.060	0.050	0.055	0.02	-0.00	193.22		
	1763.00	60.	60.	60.	423.	29.	645.21		1.

*SECNO .030

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	1310.	488.	822.	0.	0.30	2	367.		
1768.89	0.0	270.	152.	0.	0.13	0	1770.90		
5.89	0.0	1.81	5.40	0.0	0.00	1769.19	1771.30		
0.005631	0.048	0.060	0.050	0.055	0.06	-0.00	196.79		
	1763.00	1.	1.	1.	417.	14.	627.68		1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	1310.	542.	768.	0.	0.24	2	388.		
1769.01	0.0	313.	155.	0.	-0.06	0	1770.90		

E01

6.01	0.0	1.73	4.94	0.0	0.05	1769.25	1771.30	
0.004787	0.048	0.060	0.050	0.055	0.01	-0.00	189.92	
	1763.00	10.	10.	10.	424.	14.	627.69	1.

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		10 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROP	HL	EG			
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST		VOL
0.03	1310.	459.	851.	0.	0.13	2	429.		
1769.13	0.0	360.	247.	0.	-0.11	0	1769.70		
6.13	0.0	1.28	3.45	0.0	0.00	1769.26	1770.30		
0.002678	0.047	0.065	0.055	0.065	0.01	-0.00	188.77		
	1763.00	1.	1.	1.	427.	30.	645.88		1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

0.03	1310.	471.	839.	0.	0.12	0	432.		
1769.17	0.0	372.	249.	0.	-0.01	0	1769.70		
6.17	0.0	1.27	3.37	0.0	0.03	1769.29	1770.30		
0.002544	0.048	0.065	0.055	0.065	0.00	-0.00	188.46		
	1763.00	10.	10.	10.	428.	30.	646.00		1.

*SECNO .060

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.06	1310.	5.	1305.	0.	0.97	4	124.		
1769.51	1768.95	7.	165.	0.	0.85	19	1771.50		
4.71	0.0	0.70	7.91	0.0	0.76	1770.48	1772.10		
0.019031	0.052	0.065	0.055	0.065	0.42	-0.00	308.33		
	1764.80	140.	140.	140.	308.	25.	640.83		2.

*SECNO .130

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.13	1310.	0.	1279.	31.	0.37	3	101.		
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F01

1774.76	0.0	0.	261.	21.	-0.60	0	1775.00	
4.76	0.0	0.0	4.91	1.46	4.59	1775.13	1800.00	
0.006344	0.054	0.075	0.055	0.075	0.06	-0.00	607.47	
	1770.00	450.	450.	450.	36.	95.	738.84	4.

CCHV= 0.300 CEHV= 0.800

*SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1777.50 ELREA= 1778.50

0.13	1310.	0.	1310.	0.	0.19	2	115.	
1775.16	0.0	0.	378.	0.	-0.18	0	1775.50	
5.16	0.0	0.0	3.46	0.0	0.16	1775.34	1774.00	
0.002828	0.054	0.065	0.050	0.075	0.05	-0.00	604.82	
	1770.00	40.	40.	40.	55.	60.	720.00	5.

*SECNO .130

3265 DIVIDED FLOW

TATHAM CREEK		10 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	LOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1777.50 ELREA= 1778.50

0.13	1310.	0.	1310.	0.	0.22	0	103.	
1775.15	0.0	0.	345.	0.	0.04	0	1781.70	
5.15	0.0	0.0	3.80	0.0	0.00	1775.38	1779.50	
0.005864	0.054	0.065	0.050	0.075	0.03	0.0	606.89	
	1770.00	1.	1.	1.	53.	57.	716.84	5.

*SECNO .130

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1779.00 ELREA= 1781.80

0.13	1310.	0.	1310.	0.	0.22	2	103.	
1775.22	0.0	0.	351.	0.	-0.01	0	1781.70	
5.22	0.0	0.0	3.73	0.0	0.06	1775.44	1779.50	
0.005579	0.053	0.065	0.050	0.075	0.00	-0.00	606.85	
	1770.00	10.	10.	10.	53.	57.	716.89	5.

*SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLE= 1779.00 ELREA= 1781.80

0.13	1310.	0.	1310.	0.	0.17	2	117.	
1775.28	0.0	0.	393.	0.	-0.04	0	1775.50	
5.28	0.0	0.0	3.34	0.0	0.00	1775.45	1774.00	
0.003082	0.053	0.070	0.055	0.060	0.01	-0.00	603.09	
	1770.00	1.	1.	1.	57.	60.	720.00	5.

*SECNO .130

0.13	1310.	1.	790.	519.	0.59	2	96.	
1775.30	0.0	2.	111.	119.	0.42	0	1775.00	
5.30	0.0	0.66	7.12	4.37	0.11	1775.90	1773.00	
0.011809	0.053	0.070	0.055	0.060	0.34	-0.00	607.89	
	1770.00	20.	20.	20.	23.	74.	704.19	5.

*SECNO .140

*** GR CARDS REPEATED

0.14	1310.	5.	753.	552.	0.47	3	132.	
1776.27	0.0	5.	118.	138.	-0.12	0	1775.70	
5.57	0.0	0.87	6.40	4.00	0.81	1776.74	1773.70	
0.008826	0.053	0.070	0.055	0.060	0.04	-0.00	598.90	
	1770.70	80.	80.	80.	32.	100.	730.98	5.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

TATHAM CREEK

10 YEAR FLOOD 05/02/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.26	1300.	22.	1074.	204.	0.45	4	145.	
1780.72	0.0	16.	183.	97.	-0.02	0	1779.40	
5.92	0.0	1.39	5.86	2.10	4.42	1781.17	1779.40	
0.006434	0.054	0.065	0.055	0.065	0.00	-0.00	710.42	
	1774.80	590.	590.	590.	44.	102.	855.53	9.

*SECNO .290

*** GR CARDS REPEATED

0.29	1300.	7.	1184.	109.	0.77	2	126.	
1782.13	0.0	5.	161.	51.	0.32	0	1781.40	
5.33	0.0	1.39	7.36	2.16	1.57	1782.90	1781.40	
0.014371	0.055	0.065	0.060	0.065	0.16	-0.00	721.43	
	1776.80	170.	170.	170.	33.	94.	847.68	10.

*SECNO .460

0.46	1290.	0.	1153.	137.	0.60	3	78.	
1794.23	0.0	0.	177.	49.	-0.17	0	1795.00	
5.43	0.0	0.0	6.53	2.80	11.92	1794.84	1791.70	

H01

0.010035

0.057
1788.80

0.065
1000.

0.060
1000.

0.065
1000.

0.02
19.

-0.00
60.

237.94
316.06

15.

THIS RUN EXECUTED 05/02/81 8:17:15

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01 02 03
MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAM	485
T2	50 YEAR FLOOD	MARCH 1981 BCH	490
T3	TATHAM CREEK	FLOOD PROFILES	495

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	3.	0.	0.	0.00568	0.	0.0	2210.	1770.00	0.0	500

J2	NPROF	IPLLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	2.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	505

J01

*PROF 2

CCHV= 0.100 CEHV= 0.500

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		50 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC			
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST		VOL
0.03	2210.	811.	1399.	0.	0.33	0	434.		
1769.21	0.0	388.	251.	0.	0.50	0	1769.70		
6.21	1770.00	2.09	5.57	0.0	0.0	1769.54	1770.30		
0.005688	0.0	0.060	0.050	0.055	0.0	-0.00	188.08		
	1763.00	0.	0.	0.	428.	30.	646.15		0.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

0.03	2210.	1014.	1196.	0.	0.18	2	460.		
1769.63	0.0	546.	278.	0.	-0.15	0	1769.70		
6.63	0.0	1.86	4.31	0.0	0.25	1769.81	1770.30		
0.003161	0.049	0.060	0.050	0.055	0.01	-0.00	184.34		
	1763.00	60.	60.	60.	432.	32.	647.61		1.

*SECNO .030

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	2210.	1498.	712.	0.	0.17	0	410.		
1769.64	0.0	544.	164.	0.	-0.01	0	1770.90		
6.64	0.0	2.76	4.35	0.0	0.00	1769.81	1771.30		
0.006877	0.048	0.060	0.050	0.055	0.00	-9.00	184.31		
	1763.00	1.	1.	1.	430.	14.	627.78		1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	2210.	1544.	666.	0.	0.15	2	413.		
1769.72	0.0	579.	164.	0.	-0.02	0	1770.90		

K01

6.72	0.0	2.67	4.06	0.0	0.06	1769.88	1771.30	
0.006010	0.048	0.060	0.050	0.055	0.00	-11.51	183.47	
	1763.00	10.	10.	10.	431.	14.	627.79	1.

*SECNO .030

TATHAM CREEK

50 YEAR FLOOD 05/02/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.03	2210.	1064.	1146.	0.	0.16	0	465.	
1769.73	0.0	587.	284.	0.	0.00	0	1769.70	
6.73	0.0	1.81	4.03	0.0	0.00	1769.88	1770.30	
0.003282	0.047	0.065	0.055	0.065	0.00	-0.00	183.41	
	1763.00	1.	1.	1.	433.	32.	647.98	1.

*SECNO .030

*** GR CARDS REPEATED

0.03	2210.	1080.	1130.	0.	0.15	0	465.	
1769.77	0.0	604.	287.	0.	-0.01	0	1769.70	
6.77	0.0	1.79	3.93	0.0	0.03	1769.91	1770.30	
0.003094	0.048	0.065	0.055	0.065	0.00	-0.00	183.01	
	1763.00	10.	10.	10.	433.	32.	648.13	1.

*SECNO .060

*** GR CARDS REPEATED

3265 DIVIDED FLOW

TATHAM CREEK

50 YEAR FLOOD 05/02/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.06	2210.	561.	1649.	0.	0.64	2	381.	
1770.59	1770.59	238.	225.	0.	7.50	9	1771.50	
5.79	0.0	2.35	7.32	0.0	0.78	1771.23	1772.10	
0.012866	0.052	0.065	0.055	0.065	0.25	-0.00	202.66	
	1764.80	140.	140.	140.	413.	29.	644.65	4.

*SECNO .130

3265 DIVIDED FLOW

0.13	2200.	7.	2090.	102.	0.66	3	193.	
1775.48	0.0	13.	314.	43.	0.02	0	1775.00	
5.48	0.0	0.55	6.66	2.37	4.90	1776.14	1800.00	
0.009327	0.054	0.075	0.055	0.075	0.01	-0.00	198.06	

L01

1770.00 450. 450. 450. 445. 97. 740.00 8.

CCHV= 0.300 CEHV= 0.800

*SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1777.50 ELREA= 1778.50

0.13	2200.	0.	2200.	0.	0.30	2	120.
1776.15	0.0	0.	497.	0.	-0.35	0	1775.50
6.15	0.0	0.0	4.43	0.0	0.21	1776.46	1774.00
0.003387	0.054	0.065	0.050	0.075	0.11	-0.00	600.00
	1770.00	40.	40.	40.	60.	60.	720.00

*SECNO .130

3265 DIVIDED FLOW

TATHAM CREEK		50 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1777.50 ELREA= 1778.50

0.13	2200.	0.	2200.	0.	0.38	1	104.
1776.14	0.0	0.	447.	0.	0.07	0	1781.70
6.14	0.0	0.0	4.92	0.0	0.00	1776.52	1779.50
0.007895	0.054	0.065	0.050	0.075	0.06	-0.00	606.22
	1770.00	1.	1.	1.	54.	58.	717.56

*SECNO .130

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1779.00 ELREA= 1781.80

0.13	2200.	0.	2200.	0.	0.36	2	104.
1776.24	0.0	0.	457.	0.	-0.02	0	1781.70
6.24	0.0	0.0	4.82	0.0	0.08	1776.60	1779.50
0.007456	0.053	0.065	0.050	0.075	0.00	-0.00	606.16
	1770.00	10.	10.	10.	54.	58.	717.63

*SECNO .130

M01

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1779.00 ELREA= 1781.80

0.13	2200.	0.	2200.	0.	0.28	2	120.	
1776.35	0.0	0.	521.	0.	-0.08	0	1775.50	
6.35	0.0	0.0	4.22	0.0	0.00	1776.63	1774.00	
0.003503	0.053	0.070	0.055	0.060	0.03	-0.00	600.00	
	1770.00	1.	1.	1.	60.	60.	720.00	8.

*SECNO .130

0.13	2200.	54.	1018.	1128.	0.50	2	437.	
1776.42	0.0	33.	139.	304.	0.22	0	1775.00	
6.42	0.0	1.63	7.34	3.71	0.11	1776.91	1773.00	
0.009304	0.053	0.070	0.055	0.060	0.18	-0.00	570.82	
	1770.00	20.	20.	20.	60.	377.	1007.72	9.

*SECNO .140

*** GR CARDS REPEATED

0.14	2200.	59.	987.	1154.	0.44	4	453.	
1777.19	0.0	37.	141.	333.	-0.06	0	1775.70	
6.49	0.0	1.60	7.02	3.47	0.70	1777.63	1773.70	
0.008354	0.053	0.070	0.055	0.060	0.02	-0.00	568.26	
	1770.70	80.	80.	80.	2.	391.	1021.14	10.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

TATHAM CREEK		50 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.26	2200.	99.	1511.	590.	0.54	3	296.	
1781.66	0.0	48.	219.	215.	0.10	0	1779.40	
6.86	0.0	2.08	6.90	2.75	4.51	1782.20	1779.40	
0.007034	0.054	0.065	0.055	0.065	0.05	-0.00	692.83	
	1774.80	590.	590.	590.	61.	235.	988.73	16.

*SECNO .290

*** GR CARDS REPEATED

0.29	2200.	68.	1650.	482.	0.85	2	158.	
1783.13	0.0	28.	199.	132.	0.31	0	1781.40	
6.33	0.0	2.43	8.30	3.64	1.63	1783.98	1781.40	
0.013743	0.055	0.065	0.060	0.065	0.15	-0.00	702.68	
	1776.80	170.	170.	170.	51.	107.	861.05	18.

*SECNO .460

0.46	2180.	2.	1735.	443.	0.80	4	115.	
1795.41	0.0	2.	223.	112.	-0.05	0	1795.00	
6.61	0.0	0.83	7.79	3.96	12.23	1796.21	1791.70	
0.010942	0.057	0.065	0.060	0.065	0.00	-0.00	228.13	
	1788.80	1000.	1000.	1000.	28.	86.	342.64	26.

A02

A02

THIS RUN EXECUTED 05/02/81 8:17:16

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01 02 03
MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAM	510
T2	100 YEAR FLOOD	MARCH 1981 BCH	515
T3	TATHAM CREEK	FLOOD PROFILES	520

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	4.	0.	0.	0.00568	0.	0.0	2720.	1769.00	0.0	525

J2	NPROF	IPLLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	3.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	530

*PROF 3

CCHV= 0.100 CEHV= 0.500

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.03	2720.	1181.	1539.	0.	0.32	0	452.	
1769.50	0.0	498.	270.	0.	0.50	0	1769.70	
6.50	1769.00	2.37	5.71	0.0	0.0	1769.83	1770.30	
0.005667	0.0	0.060	0.050	0.055	0.0	-0.00	185.45	
	1763.00	0.	0.	0.	431.	31.	647.18	0.

*SECNO .030

*** GR CARDS REPEATED

0.03	2720.	1376.	1344.	0.	0.19	2	467.	
1769.90	0.0	656.	296.	0.	-0.13	0	1769.70	
6.90	0.0	2.10	4.54	0.0	0.26	1770.10	1770.30	
0.003310	0.049	0.060	0.050	0.055	0.01	-0.00	181.83	
	1763.00	60.	60.	60.	434.	33.	648.59	1.

*SECNO .030

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	2720.	2000.	720.	0.	0.19	0	420.	
1769.91	0.0	651.	164.	0.	-0.01	0	1770.90	
6.91	0.0	3.07	4.39	0.0	0.00	1770.10	1771.30	
0.007028	0.048	0.060	0.050	0.055	0.00	-16.49	181.80	
	1763.00	1.	1.	1.	432.	14.	627.81	1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	2720.	2044.	676.	0.	0.17	2	423.	
1770.00	0.0	687.	164.	0.	-0.02	0	1770.90	
7.00	0.0	2.97	4.12	0.0	0.07	1770.17	1771.30	
0.006201	0.048	0.060	0.050	0.055	0.00	-18.98	180.96	
	1763.00	10.	10.	10.	433.	14.	627.83	1.

D02

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC		LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG		SSTA	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR		ENDST	VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
0.03	2720.	1427.	1293.	0.	0.17	0	469.		
1770.00	0.0	698.	303.	0.	-0.00	0	1769.70		
7.00	0.0	2.05	4.27	0.01	0.00	1770.17	1770.30		
0.003458	0.047	0.065	0.055	0.065	0.00	-0.00	180.90		
	1763.00	1.	1.	1.	435.	45.	660.56		1.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

0.03	2720.	1444.	1276.	0.	0.16	0	476.		
1770.05	0.0	716.	306.	0.	-0.01	0	1769.70		
7.05	0.0	2.02	4.17	0.09	0.03	1770.21	1770.30		
0.003264	0.048	0.065	0.055	0.065	0.00	-0.00	180.48		
	1763.00	10.	10.	10.	436.	49.	665.18		2.

*SECNO .060

*** GR CARDS REPEATED

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC		LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG		SSTA	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR		ENDST	VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
7185 MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
0.06	2720.	895.	1825.	0.	0.63	1	425.		
1770.86	1770.86	331.	242.	0.	0.47	9	1771.50		
6.06	0.0	2.71	7.55	0.0	0.81	1771.49	1772.10		
0.013013	0.052	0.065	0.055	0.065	0.24	-0.00	189.48		
	1764.80	140.	140.	140.	427.	30.	645.60		4.

*SECNO .130

3265 DIVIDED FLOW

0.13	2710.	73.	2484.	153.	0.75	6	326.		
1775.88	1774.74	75.	343.	55.	0.12	12	1775.00		

E02

5.88	0.0	0.97	7.25	2.79	5.08	1776.63	1800.00	
0.009890	0.054	0.075	0.055	0.075	0.06	-0.00	195.35	
	1770.00	450.	450.	450.	448.	97.	740.00	10.

CCHV= 0.300 CEHV= 0.800
 *SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1777.50 ELREA= 1778.50

0.13	2710.	0.	2710.	0.	0.38	2	120.	
1776.60	0.0	0.	551.	0.	-0.38	0	1775.50	
6.60	0.0	0.0	4.92	0.0	0.23	1776.97	1774.00	
0.003657	0.054	0.065	0.050	0.075	0.11	-0.00	600.00	
	1770.00	40.	40.	40.	60.	60.	720.00	10.

*SECNO .130

3265 DIVIDED FLOW

TATHAM CREEK		100 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1777.50 ELREA= 1778.50

0.13	2710.	0.	2710.	0.	0.47	1	105.	
1776.58	0.0	0.	494.	0.	0.09	0	1781.70	
6.58	0.0	0.0	5.49	0.0	0.01	1777.05	1779.50	
0.009102	0.054	0.065	0.050	0.075	0.07	-0.00	605.91	
	1770.00	1.	1.	1.	54.	58.	717.89	10.

*SECNO .130

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1779.00 ELREA= 1781.80

0.13	2710.	0.	2710.	0.	0.45	2	105.	
1776.70	0.0	0.	505.	0.	-0.02	0	1781.70	
6.70	0.0	0.0	5.37	0.0	0.09	1777.15	1779.50	
0.008564	0.053	0.065	0.050	0.075	0.01	-0.00	605.84	
	1770.00	10.	10.	10.	54.	58.	717.96	10.

*SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 1779.00 ELREA= 1781.80

0.13	2710.	0.	2710.	0.	0.34	2	120.	
1776.84	0.0	0.	580.	0.	-0.11	0	1775.50	
6.84	0.0	0.0	4.67	0.0	0.01	1777.18	1774.00	
0.003717	0.053	0.070	0.055	0.060	0.03	-0.00	600.00	
	1770.00	1.	1.	1.	60.	60.	720.00	10.

*SECNO .130

0.13	2710.	108.	989.	1612.	0.33	0	552.	
1776.96	0.0	64.	153.	532.	-0.01	0	1775.00	
6.96	0.0	1.68	6.49	3.03	0.10	1777.28	1773.00	
0.006410	0.053	0.070	0.055	0.060	0.00	-0.00	552.44	
	1770.00	20.	20.	20.	78.	474.	1104.19	11.

*SECNO .140

*** GR CARDS REPEATED

0.14	2710.	97.	1059.	1553.	0.41	2	520.	
1777.51	0.0	55.	149.	463.	0.09	0	1775.70	
6.81	0.0	1.78	7.13	3.36	0.57	1777.92	1773.70	
0.008003	0.053	0.070	0.055	0.060	0.07	-0.00	557.58	
	1770.70	80.	80.	80.	73.	447.	1077.18	12.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

TATHAM CREEK		100 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK	ELEV	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	LEFT	RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	ENDST		VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
0.26	2700.	156.	1700.	844.	0.58	2	351.		
1781.97	0.0	65.	231.	289.	0.16	0	1779.40		
7.17	0.0	2.39	7.35	2.92	4.55	1782.55	1779.40		
0.007420	0.054	0.065	0.055	0.065	0.08	-0.00	666.39		
	1774.80	590.	590.	590.	88.	263.	1017.36		20.

*SECNO .290

*** GR CARDS REPEATED

0.29	2700.	116.	1872.	712.	0.90	4	280.	
1783.51	1783.38	41.	213.	183.	0.32	11	1781.40	
6.71	0.0	2.80	8.78	3.88	1.69	1784.40	1781.40	
0.014035	0.055	0.065	0.060	0.065	0.16	-0.00	695.63	
	1776.80	170.	170.	170.	58.	222.	975.50	22.

*SECNO .460

0.46	2680.	14.	2018.	648.	0.88	4	138.	
1795.93	0.0	9.	243.	150.	-0.02	0	1795.00	
7.13	0.0	1.45	8.30	4.32	12.41	1796.81	1791.70	
0.011036	0.057	0.065	0.060	0.065	0.00	-0.00	216.79	

602

1788.80

1000.

1000.

1000.

40.

98.

354.42

32.

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAM	535
T2	500 YEAR FLOOD	MARCH 1981 BCH	540
T3	TATHAM CREEK	FLOOD PROFILES	545

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ		
	0.	5.	0.	0.	0.0	568	0.	0.0	3960.	1770.00	0.0	550

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	4.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	555

*PROF 4

CCHV= 0.100 CEHV= 0.500

*SECNO .030

3265 DIVIDED FLOW

TATHAM CREEK		500 YEAR FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WS	ENDST	VOL
0.03	3960.	2094.	1866.	0.	0.34	0	477.	
1770.06	0.0	721.	307.	0.	0.50	0	1769.70	
7.06	1770.00	2.91	6.08	0.16	0.0	1770.40	1770.30	
0.005731	0.0	0.060	0.050	0.055	0.0	-0.00	180.38	
	1763.00	0.	0.	0.	436.	50.	666.30	0.

*SECNO .030

*** GR CARDS REPEATED

0.03	3960.	2268.	1683.	8.	0.23	2	529.	
1770.46	0.0	879.	333.	13.	-0.11	0	1769.70	
7.46	0.0	2.58	5.05	0.63	0.27	1770.68	1770.30	
0.003595	0.049	0.060	0.050	0.055	0.01	-0.00	176.83	
	1763.00	60.	60.	60.	439.	90.	705.51	2.

*SECNO .030

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	3960.	3215.	734.	11.	0.23	0	497.	
1770.46	0.0	873.	164.	13.	0.00	0	1770.90	
7.46	0.0	3.68	4.46	0.87	0.00	1770.69	1771.30	
0.007318	0.048	0.060	0.050	0.055	0.00	-31.42	176.79	
	1763.00	1.	1.	1.	437.	92.	705.97	2.

*SECNO .030

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	3960.	3247.	696.	17.	0.21	2	511.	
1770.55	0.0	909.	164.	19.	-0.02	0	1770.90	
7.55	0.0	3.57	4.23	0.92	0.07	1770.76	1771.30	
0.006583	0.048	0.060	0.050	0.055	0.00	-33.79	176.00	
	1763.00	10.	10.	10.	438.	101.	714.75	2.

*SECNO .030

TATHAM CREEK		500 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	ENDST		VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			
0.03	3960.	2317.	1631.	12.	0.20	0	540.		
1770.56	0.0	919.	340.	19.	-0.01	0	1769.70		
7.56	0.0	2.52	4.80	0.64	0.00	1770.76	1770.30		
0.003816	0.047	0.065	0.055	0.065	0.00	-0.00	175.93		
	1763.00	1.	1.	1.	440.	99.	715.47		2.

*SECNO .030

*** GR CARDS REPEATED

0.03	3960.	2335.	1610.	15.	0.19	0	546.		
1770.61	0.0	942.	344.	23.	-0.01	0	1769.70		
7.61	0.0	2.48	4.68	0.66	0.04	1770.80	1770.30		
0.003582	0.048	0.065	0.055	0.065	0.00	-0.00	175.42		
	1763.00	10.	10.	10.	441.	105.	721.13		2.

*SECNO .060

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.06	3960.	1698.	2262.	0.	0.72	2	449.		
1771.25	0.0	482.	267.	0.	0.52	0	1771.50		
6.46	0.0	3.53	8.47	0.0	0.91	1771.97	1772.10		
0.015230	0.052	0.065	0.055	0.065	0.26	-0.00	185.84		
	1764.80	140.	140.	140.	430.	31.	647.03		5.

*SECNO .130

3265 DIVIDED FLOW

0.13	3950.	543.	3145.	263.	0.79	4	417.		
1776.63	0.0	281.	398.	78.	0.07	0	1775.00		
6.63	0.0	1.93	7.90	3.38	5.41	1777.42	1800.00		
0.009742	0.054	0.075	0.055	0.075	0.04	-0.00	190.14		
	1770.00	450.	450.	450.	453.	97.	740.00		13.

CCHV= 0.300 CEHV= 0.800

*SECNO .130

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1777.50 ELREA= 1778.50

0.13	3950.	0.	3950.	0.	0.65	2	120.		
1777.11	0.0	0.	611.	0.	-0.14	0	1775.50		

K02

7.11	0.0	0.0	6.46	0.0	0.29	1777.75	1774.00	
0.005476	0.054	0.065	0.050	0.075	0.04	-0.00	600.00	
	1770.00	40.	40.	40.	60.	60.	720.00	14.

*SECNO .130

3265 DIVIDED FLOW

TATHAM CREEK		500 YEAR FLOOD			05/02/81		TOPWID	
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	ENDST	VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR		

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1777.50 ELREA= 1778.50

0.13	3950.	0.	3950.	0.	0.82	2	106.	
1777.08	0.0	0.	545.	0.	0.17	0	1781.70	
7.08	0.0	0.0	7.25	0.0	0.01	1777.90	1779.50	
0.014723	0.054	0.065	0.050	0.075	0.13	-0.00	605.58	
	1770.00	1.	1.	1.	54.	58.	718.24	14.

*SECNO .130

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

3495 OVBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1779.00 ELREA= 1781.80

0.13	3950.	0.	3950.	0.	0.75	2	106.	
1777.31	0.0	0.	569.	0.	-0.07	0	1781.70	
7.31	0.0	0.0	6.94	0.0	0.14	1778.05	1779.50	
0.013087	0.053	0.065	0.050	0.075	0.02	-0.00	605.43	
	1770.00	10.	10.	10.	55.	58.	718.41	14.

*SECNO .130

3495 OVBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1779.00 ELREA= 1781.80

0.13	3950.	0.	3950.	0.	0.54	2	120.	
1777.58	0.0	0.	669.	0.	-0.21	0	1775.50	
7.58	0.0	0.0	5.90	0.0	0.01	1778.12	1774.00	
0.004907	0.053	0.070	0.055	0.060	0.06	-0.00	600.00	
	1770.00	1.	1.	1.	60.	60.	720.00	14.

*SECNO .130

L02

0.13	3950.	276.	884.	2790.	0.15	3	661.	
1778.16	0.0	171.	182.	1113.	-0.39	0	1775.00	
8.16	0.0	1.61	4.85	2.51	0.07	1778.31	1773.00	
0.002820	0.053	0.070	0.055	0.060	0.12	-0.00	491.06	
	1770.00	20.	20.	20.	139.	522.	1152.02	15.

*SECNO .140

*** GR CARDS REPEATED

0.14	3950.	226.	1039.	2686.	0.25	2	611.	
1778.43	0.0	124.	172.	898.	0.09	0	1775.70	
7.73	0.0	1.82	6.05	2.99	0.29	1778.68	1773.70	
0.004770	0.053	0.070	0.055	0.060	0.07	-0.00	525.59	
	1770.70	80.	80.	80.	105.	506.	1136.46	17.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

3301 HV CHANGED MORE THAN HVINS

TATHAM CREEK		500 YEAR FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	GROB	HV	ITRIAL	BANK ELEV		
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG			
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST		VOL
0.26	3940.	275.	2286.	1379.	0.89	5	403.		
1782.27	1782.20	89.	242.	364.	0.64	11	1779.40		
7.47	0.0	3.10	9.44	3.79	4.16	1783.16	1779.40		
0.011490	0.054	0.065	0.055	0.065	0.32	-0.00	639.98		
	1774.80	590.	590.	590.	114.	289.	1042.85		30.

*SECNO .290

*** GR CARDS REPEATED

0.29	3940.	310.	2128.	1502.	0.72	3	423.	
1784.38	0.0	100.	246.	394.	-0.17	0	1781.40	
7.58	0.0	3.10	8.64	3.81	1.93	1785.10	1781.40	
0.011186	0.055	0.065	0.060	0.065	0.02	-0.00	629.76	
	1776.80	170.	170.	170.	124.	299.	1052.71	33.

*SECNO .460

0.46	3910.	68.	2719.	1123.	1.22	4	168.	
1796.63	0.0	29.	270.	210.	0.50	0	1795.00	
7.83	0.0	2.37	10.06	5.35	12.50	1797.85	1791.70	
0.014073	0.057	0.065	0.060	0.065	0.25	-0.00	201.78	
	1788.80	1000.	1000.	1000.	55.	114.	370.02	47.

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1	ANDREWS NC LFS	TATHAM	560
T2	MAX PROB FLOOD	MARCH 1981 BCH	565
T3	TATHAM CREEK	FLOOD PROFILES	570

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	6.	0.	0.	0.00568	0.	0.0	10500.	1772.00	0.0	575
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	580

*PROF 5

CCHV= 0.100 CEHV= 0.500

*SECNO .030

TATHAM CREEK		MAX PROB FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK	ELEV	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG			
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST		VOL
0.03	10500.	6578.	3265.	658.	0.47	0	705.		
1771.93	0.0	1485.	433.	274.	0.50	0	1769.70		
8.93	1772.00	4.43	7.53	2.40	0.0	1772.40	1770.30		
0.005632	0.0	0.060	0.050	0.055	0.0	-0.00	163.51		
	1763.00	0.	0.	0.	452.	253.	868.91		0.

*SECNO .030

*** GR CARDS REPEATED

0.03	10500.	6584.	3041.	874.	0.36	2	712.		
1772.33	0.0	1656.	461.	363.	-0.11	0	1769.70		
9.33	0.0	3.98	6.60	2.41	0.28	1772.69	1770.30		
0.003978	0.049	0.060	0.050	0.055	0.01	-0.00	159.83		
	1763.00	60.	60.	60.	456.	256.	871.85		3.

*SECNO .030

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	10500.	8572.	703.	1225.	0.37	0	712.		
1772.33	0.0	1682.	167.	396.	0.01	0	1770.90		
9.33	0.0	5.10	4.22	3.09	0.01	1772.70	1771.30		
0.006672	0.048	0.060	0.050	0.055	0.00	-81.86	159.80		
	1763.00	1.	1.	1.	454.	258.	871.88		3.

*SECNO .030

*** GR CARDS REPEATED

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1769.40 MAX ELLC= 1769.40

0.03	10500.	8544.	678.	1278.	0.35	2	713.		
1772.42	0.0	1717.	167.	416.	-0.02	0	1770.90		
9.42	0.0	4.98	4.07	3.07	0.06	1772.77	1771.30		
0.006202	0.048	0.060	0.050	0.055	0.00	-83.96	159.07		
	1763.00	10.	10.	10.	455.	258.	872.47		4.

*SECNO .030

TATHAM CREEK		MAX PROB FLOOD			05/02/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK	ELEV	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG			
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDI.	WSDR	ENDST		VOL

0.03	10500.	6661.	2986.	853.	0.34	0	713.	
1772.43	0.0	1694.	467.	384.	-0.01	0	1769.70	
9.43	0.0	3.93	6.39	2.22	0.01	1772.77	1770.30	
0.004439	0.047	0.065	0.055	0.065	0.00	-0.00	159.01	
	1763.00	1.	1.	1.	457.	257.	872.51	4.

*SECNO .030

*** GR CARDS REPEATED

0.03	10500.	6661.	2958.	881.	0.33	0	714.	
1772.49	0.0	1720.	471.	397.	-0.01	0	1769.70	
9.49	0.0	3.87	6.28	2.22	0.04	1772.82	1770.30	
0.004229	0.048	0.065	0.055	0.065	0.00	-0.00	158.46	
	1763.00	10.	10.	10.	458.	257.	872.95	4.

*SECNO .060

*** GR CARDS REPEATED

0.06	10500.	6576.	3593.	331.	0.70	2	697.	
1773.21	0.0	1269.	398.	161.	0.37	0	1771.50	
8.41	0.0	5.18	9.03	2.06	0.90	1773.90	1772.10	
0.010968	0.052	0.065	0.055	0.065	0.19	-0.00	168.22	
	1764.80	140.	140.	140.	448.	249.	865.13	12.

*SECNO .130

3265 DIVIDED FLOW

0.13	10500.	3638.	5475.	1387.	1.00	3	844.	
1778.31	0.0	940.	521.	444.	0.30	0	1775.00	
8.31	0.0	3.87	10.52	3.12	5.25	1779.30	1800.00	
0.012437	0.054	0.075	0.055	0.075	0.15	-0.00	178.65	
	1770.00	450.	450.	450.	465.	469.	1112.56	31.

CCHV= 0.300 CEHV= 0.800

*SECNO .130

3301 HV CHANGED MORE THAN HVINS

0.13	10500.	3905.	5673.	922.	0.41	3	672.	
1779.30	0.0	1338.	875.	354.	-0.59	0	1775.50	
9.30	0.0	2.92	6.48	2.60	0.24	1779.71	1774.00	
0.003422	0.054	0.065	0.050	0.075	0.18	-0.00	171.89	
	1770.00	40.	40.	40.	488.	183.	843.41	33.

*SECNO .130

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

TATHAM CREEK MAX PROB FLOOD 05/02/81
MILE Q QLOB QCH QROB HV ITRIAL TOPWID

C03

ELEV DEPTH SLOPE	CRISW WSELK WTN ELMIN	ALOB VLOB XNL XLOBL	ACH VCH XNCH XLCH	AROB VROB XNR XLOBR	DHV HL OLOSS WSDL	IDC EG CORAR WSDR	BANK ELEV LEFT/RIGHT SSTA ENDST	VOL
------------------------	--------------------------------	------------------------------	----------------------------	------------------------------	----------------------------	----------------------------	--	-----

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

0.13	10500.	50.	10450.	0.	2.90	2	184.	
1779.12	1779.12	23.	763.	0.	2.49	20	1781.70	
9.12	0.0	2.13	13.69	0.0	0.01	1782.01	1779.50	
0.041627	0.054	0.065	0.050	0.075	1.99	-0.00	175.70	
	1770.00	1.	1.	1.	484.	60.	719.72	33.

*SECNO .130

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 1781.70 MAX ELLC= 1779.50

0.13	10500.	5403.	5057.	40.	0.48	8	712.	
1782.51	0.0	1006.	878.	35.	-2.42	0	1781.70	
12.51	0.0	5.37	5.76	1.13	0.25	1782.99	1779.50	
0.016157	0.053	0.065	0.050	0.075	0.73	-285.41	152.07	
	1770.00	10.	10.	10.	508.	205.	864.54	33.

*SECNO .130

0.13	10500.	4949.	3847.	1703.	0.07	2	1062.	
1783.03	0.0	2984.	1323.	1057.	-0.40	0	1775.50	
13.03	0.0	1.66	2.91	1.61	0.00	1783.11	1774.00	
0.000480	0.053	0.070	0.055	0.060	0.12	-0.00	146.30	
	1770.00	1.	1.	1.	514.	548.	1208.17	33.

*SECNO .130

0.13	10500.	2216.	826.	7458.	0.05	2	1104.	
1783.07	0.0	1799.	305.	3984.	-0.02	0	1775.00	
13.07	0.0	1.23	2.71	1.87	0.01	1783.12	1773.00	
0.000443	0.053	0.070	0.055	0.060	0.01	-0.00	161.67	
	1770.00	20.	20.	20.	469.	635.	1265.71	36.

*SECNO .140

*** GR CARDS REPEATED

0.14	10500.	2048.	904.	7547.	0.07	0	1084.	
1783.11	0.0	1502.	289.	3572.	0.02	0	1775.70	
12.41	0.0	1.36	3.13	2.11	0.04	1783.18	1773.70	
0.000639	0.053	0.070	0.055	0.060	0.01	-0.00	177.84	
	1770.70	80.	80.	80.	453.	632.	1262.28	46.

CCHV= 0.100 CEHV= 0.500

*SECNO .260

3301 HV CHANGED MORE THAN HVINS

TATHAM CREEK		MAX PROB FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3685 20 TRIALS ATTEMPTED WSEL, CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

0.26	10500.	1632.	3690.	5179.	1.07	20	669.	
1783.97	1783.97	352.	307.	958.	1.00	13	1779.40	
9.17	0.0	4.63	12.03	5.41	1.02	1785.03	1779.40	
0.013620	0.054	0.065	0.055	0.065	0.50	-0.00	545.76	
	1774.80	590.	590.	590.	208.	460.	1214.34	94.

*SECNO .290

*** GR CARDS REPEATED

0.29	10500.	1837.	3128.	5535.	0.68	2	715.	
1786.36	0.0	427.	322.	1138.	-0.38	0	1781.40	
9.56	0.0	4.30	9.73	4.86	1.97	1787.04	1781.40	
0.009954	0.055	0.065	0.060	0.065	0.04	-0.00	538.62	
	1776.80	170.	170.	170.	215.	500.	1254.10	101.

*SECNO .460

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

TATHAM CREEK		MAX PROB FLOOD			05/02/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

0.46	10500.	1250.	5088.	4162.	1.90	3	290.	
1799.21	1799.21	235.	371.	499.	1.22	8	1795.00	
10.41	0.0	5.33	13.73	8.34	12.84	1801.11	1791.70	
0.017188	0.057	0.065	0.060	0.065	0.61	-0.00	37.12	
	1788.80	1000.	1000.	1000.	219.	142.	398.49	135.

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

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

TATHAM CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
0.030	0.	0.0	0.0	1763.0	1310.0	1768.50	0.0	1768.86	57.67	5.23	362.37	172.50
0.030	0.	0.0	0.0	1763.0	2210.0	1769.21	0.0	1769.54	56.88	5.57	638.73	293.04
0.030	0.	0.0	0.0	1763.0	2720.0	1769.50	0.0	1769.83	56.67	5.71	767.75	361.33
0.030	0.	0.0	0.0	1763.0	3960.0	1770.06	0.0	1770.40	57.31	6.08	1027.58	523.11
0.030	0.	0.0	0.0	1763.0	10500.0	1771.93	0.0	1772.40	56.32	7.53	2192.45	1399.07
0.030	60.	0.0	0.0	1763.0	1310.0	1768.94	0.0	1769.12	29.80	3.93	525.81	239.96
0.030	60.	0.0	0.0	1763.0	2210.0	1769.62	0.0	1769.81	31.61	4.31	823.73	393.09
0.030	60.	0.0	0.0	1763.0	2720.0	1769.90	0.0	1770.10	33.10	4.54	952.35	472.76
0.030	60.	0.0	0.0	1763.0	3960.0	1770.46	0.0	1770.68	35.95	5.05	1225.47	660.48
0.030	60.	0.0	0.0	1763.0	10500.0	1772.33	0.0	1772.69	39.78	6.60	2480.42	1664.77
0.030	1.	1769.4	1769.4	1763.0	1310.0	1768.89	0.0	1769.19	58.31	5.40	422.59	171.55
0.030	1.	1769.4	1769.4	1763.0	2210.0	1769.64	0.0	1769.81	68.77	4.35	707.33	266.49
0.030	1.	1769.4	1769.4	1763.0	2720.0	1769.91	0.0	1770.10	70.28	4.39	814.93	324.46
0.030	1.	1769.4	1769.4	1763.0	3960.0	1770.46	0.0	1770.69	73.18	4.46	1050.79	462.93
0.030	1.	1769.4	1769.4	1763.0	10500.0	1772.33	0.0	1772.70	66.72	4.22	2244.66	1285.51
0.030	10.	1769.4	1769.4	1763.0	1310.0	1769.01	0.0	1769.25	47.87	4.94	468.63	189.33
0.030	10.	1769.4	1769.4	1763.0	2210.0	1769.72	0.0	1769.88	60.10	4.06	743.06	285.08
0.030	10.	1769.4	1769.4	1763.0	2720.0	1770.00	0.0	1770.17	62.01	4.12	851.39	345.40
0.030	10.	1769.4	1769.4	1763.0	3960.0	1770.55	0.0	1770.76	65.83	4.23	1092.65	488.08
0.030	10.	1769.4	1769.4	1763.0	10500.0	1772.42	0.0	1772.77	62.02	4.07	2299.98	1333.34
0.030	1.	0.0	0.0	1763.0	1310.0	1769.13	0.0	1769.26	26.78	3.45	606.16	253.14
0.030	1.	0.0	0.0	1763.0	2210.0	1769.73	0.0	1769.88	32.82	4.03	871.23	385.74
0.030	1.	0.0	0.0	1763.0	2720.0	1770.00	0.0	1770.17	34.58	4.27	1000.45	462.56
0.030	1.	0.0	0.0	1763.0	3960.0	1770.56	0.0	1770.76	38.16	4.80	1278.66	641.01
0.030	1.	0.0	0.0	1763.0	10500.0	1772.43	0.0	1772.77	44.39	6.39	2545.12	1575.99
0.030	10.	0.0	0.0	1763.0	1310.0	1769.17	0.0	1769.29	25.44	3.37	620.79	259.71
0.030	10.	0.0	0.0	1763.0	2210.0	1769.77	0.0	1769.91	30.94	3.93	891.54	397.33
0.030	10.	0.0	0.0	1763.0	2720.0	1770.05	0.0	1770.21	32.64	4.17	1022.24	476.10
0.030	10.	0.0	0.0	1763.0	3960.0	1770.61	0.0	1770.80	35.82	4.68	1309.39	661.64
0.030	10.	0.0	0.0	1763.0	10500.0	1772.49	0.0	1772.82	42.29	6.28	2588.53	1614.53

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRWS	EG	10K+S	VCH	AREA	.DTK
* 0.060	140.	0.0	0.0	1764.8	1310.0	1769.51	1768.95	1770.48	190.31	7.91	172.42	94.96
* 0.060	140.	0.0	0.0	1764.8	2210.0	1770.59	1770.59	1771.23	128.66	7.32	463.59	194.84
0.060	140.	0.0	0.0	1764.8	2720.0	1770.86	1770.86	1771.49	130.13	7.55	572.60	238.44
0.060	140.	0.0	0.0	1764.8	3960.0	1771.25	0.0	1771.97	152.30	8.47	748.48	320.89
0.060	140.	0.0	0.0	1764.8	10500.0	1773.21	0.0	1773.90	109.68	9.03	1827.26	1002.61
0.130	450.	0.0	0.0	1770.0	1310.0	1774.76	0.0	1775.13	63.44	4.91	281.97	164.47
0.130	450.	0.0	0.0	1770.0	2200.0	1775.48	0.0	1776.14	93.27	6.66	370.43	227.79
0.130	450.	0.0	0.0	1770.0	2710.0	1775.88	1774.74	1776.63	98.90	7.25	472.85	272.50
0.130	450.	0.0	0.0	1770.0	3950.0	1776.63	0.0	1777.42	97.42	7.90	757.35	400.20
0.130	450.	0.0	0.0	1770.0	10500.0	1778.31	0.0	1779.30	124.37	10.52	1905.16	941.52
0.130	40.	0.0	0.0	1770.0	1310.0	1775.16	0.0	1775.34	28.28	3.46	378.32	246.35
0.130	40.	0.0	0.0	1770.0	2200.0	1776.15	0.0	1776.46	33.87	4.43	497.15	378.02
0.130	40.	0.0	0.0	1770.0	2710.0	1776.60	0.0	1776.97	36.57	4.92	550.57	448.12
0.130	40.	0.0	0.0	1770.0	3950.0	1777.11	0.0	1777.75	54.76	6.46	611.48	533.76
0.130	40.	0.0	0.0	1770.0	10500.0	1779.30	0.0	1779.71	34.22	6.48	2567.00	1794.81
0.130	1.	1781.7	1779.5	1770.0	1310.0	1775.15	0.0	1775.38	58.64	3.80	344.74	171.07
0.130	1.	1781.7	1779.5	1770.0	2200.0	1776.14	0.0	1776.52	78.95	4.92	447.41	247.60
0.130	1.	1781.7	1779.5	1770.0	2710.0	1776.58	0.0	1777.05	91.02	5.49	493.78	284.05
0.130	1.	1781.7	1779.5	1770.0	3950.0	1777.08	0.0	1777.90	147.23	7.25	545.11	325.53
0.130	1.	1781.7	1779.5	1770.0	10500.0	1779.12	1779.12	1782.01	416.27	13.69	786.47	514.64
0.130	10.	1781.7	1779.5	1770.0	1310.0	1775.22	0.0	1775.44	55.79	3.73	350.77	175.39
0.130	10.	1781.7	1779.5	1770.0	2200.0	1776.24	0.0	1776.60	74.56	4.82	456.66	254.79
0.130	10.	1781.7	1779.5	1770.0	2710.0	1776.70	0.0	1777.15	85.64	5.37	504.78	292.85
0.130	10.	1781.7	1779.5	1770.0	3950.0	1777.31	0.0	1778.05	130.87	6.94	569.09	345.28
0.130	10.	1781.7	1779.5	1770.0	10500.0	1782.51	0.0	1782.99	161.57	5.76	1919.72	826.05
0.130	1.	0.0	0.0	1770.0	1310.0	1775.28	0.0	1775.45	30.82	3.34	392.67	235.96
0.130	1.	0.0	0.0	1770.0	2200.0	1776.35	0.0	1776.63	35.03	4.22	521.10	371.69
0.130	1.	0.0	0.0	1770.0	2710.0	1776.84	0.0	1777.18	37.17	4.67	580.16	444.52
0.130	1.	0.0	0.0	1770.0	3950.0	1777.58	0.0	1778.12	49.07	5.90	669.15	563.89
0.130	1.	0.0	0.0	1770.0	10500.0	1783.03	0.0	1783.11	4.80	2.91	5363.72	4792.56
0.130	20.	0.0	0.0	1770.0	1310.0	1775.30	0.0	1775.90	118.09	7.12	231.31	120.55
0.130	20.	0.0	0.0	1770.0	2200.0	1776.42	0.0	1776.91	93.04	7.34	476.37	228.08
0.130	20.	0.0	0.0	1770.0	2710.0	1776.96	0.0	1777.28	64.10	6.49	748.90	338.48
0.130	20.	0.0	0.0	1770.0	3950.0	1778.16	0.0	1778.31	28.20	4.85	1466.71	743.80
0.130	20.	0.0	0.0	1770.0	10500.0	1783.07	0.0	1783.12	4.43	2.71	6088.66	4991.02
0.140	80.	0.0	0.0	1770.7	1310.0	1776.27	0.0	1776.74	88.26	6.40	260.94	139.44
0.140	80.	0.0	0.0	1770.7	2200.0	1777.19	0.0	1777.63	83.54	7.02	510.50	240.70
0.140	80.	0.0	0.0	1770.7	2710.0	1777.51	0.0	1777.92	80.03	7.13	666.22	302.93
0.140	80.	0.0	0.0	1770.7	3950.0	1778.43	0.0	1778.68	47.70	6.05	1193.66	571.91
0.140	80.	0.0	0.0	1770.7	10500.0	1783.11	0.0	1783.18	6.39	3.13	5363.12	4152.80
0.260	590.	0.0	0.0	1774.8	1300.0	1780.72	0.0	1781.17	64.34	5.86	296.30	162.07
0.260	590.	0.0	0.0	1774.8	2200.0	1781.66	0.0	1782.20	70.34	6.90	481.27	262.32
0.260	590.	0.0	0.0	1774.8	2700.0	1781.97	0.0	1782.55	74.20	7.35	585.74	313.44
0.260	590.	0.0	0.0	1774.8	3940.0	1782.27	1782.20	1783.16	114.90	9.44	694.63	367.57
0.260	590.	0.0	0.0	1774.8	10500.0	1783.97	1783.97	1785.03	136.20	12.03	1616.75	899.71

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
0.290	170.	0.0	0.0	1776.8	1300.0	1782.13	0.0	1782.90	143.71	7.36	216.43	108.44
0.290	170.	0.0	0.0	1776.8	2200.0	1783.13	0.0	1783.98	137.43	8.30	359.11	187.66
0.290	170.	0.0	0.0	1776.8	2700.0	1783.50	1783.38	1784.40	140.35	8.78	438.10	227.91
0.290	170.	0.0	0.0	1776.8	3940.0	1784.38	0.0	1785.10	111.86	8.64	740.78	372.52
0.290	170.	0.0	0.0	1776.8	10500.0	1786.36	0.0	1787.04	99.54	9.73	1887.06	1052.43
0.460	1000.	0.0	0.0	1788.8	1290.0	1794.23	0.0	1794.84	100.35	6.53	225.50	128.78
0.460	1000.	0.0	0.0	1788.8	2180.0	1795.41	0.0	1796.21	109.42	7.79	336.43	208.40
0.460	1000.	0.0	0.0	1788.8	2680.0	1795.93	0.0	1796.81	110.36	8.30	402.68	255.11
0.460	1000.	0.0	0.0	1788.8	3910.0	1796.63	0.0	1797.85	140.73	10.06	509.08	329.59
* 0.460	1000.	0.0	0.0	1788.8	10500.0	1799.21	1799.21	1801.11	171.88	13.73	1104.13	800.91

TATHAM CREEK

SUMMARY PRINTOUT TABLE 150

SECMO	Q	CMSEL	DIFWSP	DIFWSX	DIFKWS	TOPMID	XLCH
0.030	1310.	1768.5	0.0	0.0	-0.5	325.60	0.0
0.030	2210.	1769.2	0.7	0.0	-0.8	434.12	0.0
0.030	2720.	1769.5	0.3	0.0	0.5	452.07	0.0
0.030	3960.	1770.1	0.6	0.0	0.1	477.17	0.0
0.030	10500.	1771.9	1.9	0.0	-0.1	705.39	0.0
0.030	1310.	1768.9	0.0	0.4	0.0	410.76	60.00
0.030	2210.	1769.6	0.7	0.4	0.0	459.64	60.00
0.030	2720.	1769.9	0.3	0.4	0.0	466.76	60.00
0.030	3960.	1770.5	0.6	0.4	0.0	528.68	60.00
0.030	10500.	1772.3	1.9	0.4	0.0	712.02	60.00
0.030	1310.	1768.9	0.0	-0.1	0.0	366.74	1.00
0.030	2210.	1769.6	0.7	0.0	0.0	410.04	1.00
0.030	2720.	1769.9	0.3	0.0	0.0	419.88	1.00
0.030	3960.	1770.5	0.5	0.0	0.0	496.80	1.00
0.030	10500.	1772.3	1.9	0.0	0.0	712.09	1.00
0.030	1310.	1769.0	0.0	0.1	0.0	388.00	10.00
0.030	2210.	1769.7	0.7	0.1	0.0	413.33	10.00
0.030	2720.	1770.0	0.3	0.1	0.0	423.16	10.00
0.030	3960.	1770.5	0.5	0.1	0.0	510.86	10.00
0.030	10500.	1772.4	1.9	0.1	0.0	713.40	10.00
0.030	1310.	1769.1	0.0	0.1	0.0	429.47	1.00
0.030	2210.	1769.7	0.6	0.0	0.0	464.57	1.00
0.030	2720.	1770.0	0.3	0.0	0.0	468.81	1.00
0.030	3960.	1770.6	0.6	0.0	0.0	539.53	1.00
0.030	10500.	1772.4	1.9	0.0	0.0	713.50	1.00
0.030	1310.	1769.2	0.0	0.0	0.0	431.57	10.00
0.030	2210.	1769.8	0.6	0.0	0.0	465.12	10.00
0.030	2720.	1770.0	0.3	0.0	0.0	475.54	10.00
0.030	3960.	1770.6	0.6	0.0	0.0	545.71	10.00
0.030	10500.	1772.5	1.9	0.1	0.0	714.49	10.00
0.060	1310.	1769.5	0.0	0.3	0.0	123.63	140.00
0.060	2210.	1770.6	1.1	0.8	0.0	380.60	140.00
0.060	2720.	1770.9	0.3	0.8	0.0	424.63	140.00
0.060	3960.	1771.3	0.4	0.6	0.0	449.44	140.00
0.060	10500.	1773.2	2.0	0.7	0.0	696.90	140.00
0.130	1310.	1774.8	0.0	5.3	0.0	101.37	450.00
0.130	2200.	1775.5	0.7	4.9	0.0	192.68	450.00
0.130	2710.	1775.9	0.4	5.0	0.0	326.44	450.00
0.130	3950.	1776.6	0.8	5.4	0.0	417.48	450.00
0.130	10500.	1778.3	1.7	5.1	0.0	843.91	450.00
0.130	1310.	1775.2	0.0	0.4	0.0	115.18	40.00
0.130	2200.	1776.2	1.0	0.7	0.0	120.00	40.00
0.130	2710.	1776.6	0.4	0.7	0.0	120.00	40.00
0.130	3950.	1777.1	0.5	0.5	0.0	120.00	40.00

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0.130 10500. 1779.3 2.2 1.0 0.0 671.52 40.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.130	1310.	1775.2	0.0	-0.0	0.0	102.95	1.00
0.130	2200.	1776.1	1.0	-0.0	0.0	104.35	1.00
0.130	2710.	1776.6	0.4	-0.0	0.0	104.97	1.00
0.130	3950.	1777.1	0.5	-0.0	0.0	105.66	1.00
*	10500.	1779.1	2.0	-0.2	0.0	184.21	1.00
0.130	1310.	1775.2	0.0	0.1	0.0	105.03	10.00
0.130	2200.	1776.2	1.0	0.1	0.0	104.47	10.00
0.130	2710.	1776.7	0.5	0.1	0.0	105.12	10.00
0.130	3950.	1777.3	0.6	0.2	0.0	105.98	10.00
*	10500.	1782.5	5.2	3.4	0.0	712.47	10.00
0.130	1310.	1775.3	0.0	0.1	0.0	116.91	1.00
0.130	2200.	1776.4	1.1	0.1	0.0	120.00	1.00
0.130	2710.	1776.8	0.5	0.1	0.0	120.00	1.00
0.130	3950.	1777.6	0.7	0.3	0.0	120.00	1.00
*	10500.	1783.0	5.5	0.5	0.0	1061.87	1.00
0.130	1310.	1775.3	0.0	0.0	0.0	96.30	20.00
0.130	2200.	1776.4	1.1	0.1	0.0	436.90	20.00
0.130	2710.	1777.0	0.5	0.1	0.0	551.75	20.00
0.130	3950.	1778.2	1.2	0.6	0.0	660.96	20.00
*	10500.	1783.1	4.9	0.0	0.0	1104.04	20.00
0.140	1310.	1776.3	0.0	1.0	0.0	132.08	80.00
0.140	2200.	1777.2	0.9	0.8	0.0	452.89	80.00
0.140	2710.	1777.5	0.3	0.6	0.0	519.59	80.00
0.140	3950.	1778.4	0.9	0.3	0.0	610.86	80.00
*	10500.	1783.1	4.7	0.0	0.0	1084.44	80.00
0.260	1300.	1780.7	0.0	4.4	0.0	145.11	590.00
0.260	2200.	1781.7	0.9	4.5	0.0	295.90	590.00
0.260	2700.	1782.0	0.3	4.5	0.0	350.96	590.00
0.260	3940.	1782.3	0.3	3.8	0.0	402.87	590.00
*	10500.	1784.0	1.7	0.9	0.0	668.58	590.00
0.290	1300.	1782.1	0.0	1.4	0.0	126.26	170.00
0.290	2200.	1783.1	1.0	1.5	0.0	158.37	170.00
0.290	2700.	1783.5	0.4	1.5	0.0	279.87	170.00
0.290	3940.	1784.4	0.9	2.1	0.0	422.95	170.00
*	10500.	1786.4	2.0	2.4	0.0	715.48	170.00
0.460	1290.	1794.2	0.0	12.1	0.0	78.12	1000.00
0.460	2180.	1795.4	1.2	12.3	0.0	114.52	1000.00
0.460	2680.	1795.9	0.5	12.4	0.0	137.63	1000.00
0.460	3910.	1796.6	0.7	12.3	0.0	168.25	1000.00
*	10500.	1799.2	2.6	12.9	0.0	290.36	1000.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.060 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 0.060 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 0.130 PROFILE= 5 CRITICAL DEPTH ASSUMED

K03

CAUTION SECNO= 0.260 PROFILE= 5 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.260 PROFILE= 5

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.260 PROFILE= 5

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.460 PROFILE= 5 CRITICAL DEPTH ASSUMED

TATHAM CREEK

MILE	MAX PROB FLOOD		ANDREWS NC LFS 500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.030	10500.	1771.9	3960.	1770.1	2720.	1769.5	2210.	1769.2
0.030	10500.	1772.5	3960.	1770.6	2720.	1770.0	2210.	1769.8
0.060	10500.	1773.2	3960.	1771.3	2720.	1770.9	2210.	1770.6
0.130	10500.	1778.3	3950.	1776.6	2710.	1775.9	2200.	1775.5
0.130	10500.	1783.1	3950.	1778.2	2710.	1777.0	2200.	1776.4
0.140	10500.	1783.1	3950.	1778.4	2710.	1777.5	2200.	1777.2
0.260	10500.	1784.0	3940.	1782.3	2700.	1782.0	2200.	1781.7
0.290	10500.	1786.4	3940.	1784.4	2700.	1783.5	2200.	1783.1
0.460	10500.	1799.2	3910.	1796.6	2680.	1795.9	2180.	1795.4

M03

TATHAM CREEK

ANDREWS NC LFS

10 YEAR FLOOD

MILE	Q	ELEV	Q	ELEV
0.030	1310.	1768.5		
0.030	1310.	1769.2		
0.060	1310.	1769.5		
0.130	1310.	1774.8		
0.130	1310.	1775.3		
0.140	1310.	1776.3		
0.260	1300.	1780.7		
0.290	1300.	1782.1		
0.460	1290.	1794.2		

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