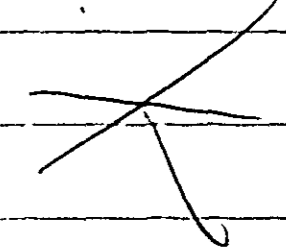

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

Flood Way Run

Run # 3 X

T1 FLOOD INSURANCE STUDY - FRSR
 T2 100 YR FLOOD
 T3 BOSHER CREEK, SOUTHPORT, N.C.

* Q changes made - this is a correct run.



J1	ICHECK	INC	PIV	IDIR	STRT	METRIC	HVINS	Q	WSEL	EQ
	-1	0	-0	-0	.005000	-0.00	-0.0	-0	6.500	-0.000
J2	MPROF	IPIDT	PREVS	XSECV	XSECH	EN	ALLOC	IPW	CHNTM	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000
J3	1.000	34.000	3.000	4.000	27.000	28.000	9.000	-0.000	-0.000	-0.000
NC	.150	.150	.060	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
BT	8.000	175.000	295.000	415.000	580.000	1050.000	580.000	580.000	580.000	-0.000
BT	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
X1	5500.000	23.000	2194.000	2200.000	0.000	0.000	0.000	-0.000	-2.800	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2197.000	3.900	2198.000	3.900	2200.000	5.900	2200.000	8.200	2300.000
GR	0.500	2410.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
BT	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
X1	5550.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
BT	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2270.000
X1	5600.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
BT	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2260.000
X1	5700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
BT	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2250.000
X1	5037.000	23.000	2194.000	2200.000	237.000	237.000	237.000	-0.000	-0.000	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2198.000	5.900	2200.000	8.200	2300.000
GR	0.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
NC	.070	.070	.024	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	2.130	2.500	-0.000	2.500	0.000	3.200	-0.000	-0.000	-0.000
BT	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2245.000
X1	2000.000	23.000	2195.000	2198.000	63.000	63.000	63.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	0.900	10.200	-0.000	-0.000	-0.000	-0.000	-0.000
BT	13.000	1000.000	20.000	0.000	1200.000	16.900	0.000	1600.000	17.500	0.000
BT	1700.000	16.900	0.000	1800.000	14.500	0.000	1900.000	14.000	0.000	2000.000
BT	16.600	0.000	2100.000	10.800	0.000	2196.000	10.200	5.900	2198.000	10.200
BT	5.900	2300.000	10.600	0.000	2400.000	11.200	0.000	2600.000	15.600	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000

14.31

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY -FPMBR
 T2 100 YR FLOOD ENCROACHEN
 T3 DOSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	IWD	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-10	7	-0	-0	-0.000000	-0.00	-0.0	-0	7.500	-0.000
J2	NPROF	IPLDT	PRFVS	XSEC/	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000

OCHV= .200 CEHV= .400

SECNO	DEPTH	CHSEL	CRHS	WSELK	FG	HV	HL	OLOSS	BANK	ELEV
0	QLOB	QCH	QROB	ALOR	ACH	AROP	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3470 ENCROACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000
\$500.000	6.40	7.50	0.00	7.50	7.57	.07
580	106	135	340	67	36	265
0.00	1.57	3.72	1.28	.150	.060	.150
.003102	0	0	0	0	0	1
						0.00
						95.00
						2180.00
						2275.00

FLOW DISTRIBUTION

STA=	2180	2194	2200	2275
PER 0=	18.2	23.2	58.6	
AREA=	67.3	36.2	265.3	
VEL=	1.6	3.7	1.3	

3470 ENCROACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000
\$550.000	6.26	7.66	0.00	0.00	7.74	.08
580	106	137	336	65	35	254
.01	1.63	3.88	1.32	.150	.060	.150
.003494	50	50	50	0	0	1
						0.00
						95.00
						2180.00
						2275.00

FLOW DISTRIBUTION

STA=	2180	2194	2200	2275
PER 0=	18.4	23.6	58.0	
AREA=	65.2	35.3	254.4	
VEL=	1.6	3.9	1.3	

3470 ENCROACHMENT STATIONS=	2180.0	2270.0	TYPE=	1	TARGET=	90.000
\$600.000	6.14	7.84	0.00	0.00	7.93	.09
						.19
						.00
						2.90

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

JOSHER CREEK, SOUTHPORT,

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSFL	.01K	FG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
5500.000	580.00	6.45	6.45	82.02	6.53	260.81	0.00	0.00	6.50	0.00	0.00	6.50
5500.000	580.00	7.50	7.50	104.14	7.57	95.00	2180.00	2275.00	7.50	0.00	0.00	7.50
5550.000	580.00	6.71	6.71	79.22	6.79	250.08	0.00	0.00	0.00	6.50	6.50	0.00
5550.000	580.00	7.66	7.66	98.12	7.74	95.00	2180.00	2275.00	0.00	7.50	7.50	0.00
5600.000	580.00	6.98	6.98	77.51	7.06	253.14	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	580.00	7.84	7.84	91.37	7.93	90.00	2180.00	2270.00	0.00	0.00	0.00	0.00
5700.000	580.00	7.53	7.53	80.15	7.61	257.68	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	580.00	8.27	8.27	83.95	8.38	80.00	2180.00	2260.00	0.00	0.00	0.00	0.00
5937.000	580.00	8.97	8.97	67.33	9.09	233.73	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	580.00	9.60	9.60	68.05	9.79	70.00	2180.00	2250.00	0.00	0.00	0.00	0.00
7000.000	580.00	11.39	11.39	560.16	11.40	373.48	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	580.00	11.35	11.35	222.88	11.40	65.00	2180.00	2245.00	0.00	0.00	0.00	0.00
7005.000	580.00	11.39	11.39	235.76	11.40	364.02	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	580.00	11.35	11.35	91.33	11.41	60.00	2180.00	2240.00	0.00	0.00	0.00	0.00
7300.000	510.00	11.66	11.66	100.12	11.74	165.75	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	510.00	12.30	12.30	96.27	12.44	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7560.000	470.00	12.51	12.51	67.64	12.65	137.64	0.00	0.00	0.00	0.00	0.00	0.00
7560.000	470.00	13.14	13.14	74.45	13.31	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7800.000	420.00	13.68	13.68	59.67	13.82	130.25	0.00	0.00	0.00	0.00	0.00	0.00
7800.000	420.00	14.14	14.14	63.77	14.30	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7000.000	390.00	15.07	15.07	31.90	15.30	74.96	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	390.00	15.32	15.32	37.18	15.66	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7152.000	390.00	16.71	16.71	53.47	16.84	100.79	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	390.00	16.72	16.72	51.45	16.87	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7216.000	390.00	19.18	19.18	353.07	19.18	390.06	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	390.00	19.15	19.15	236.69	19.18	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7217.000	360.00	19.18	19.18	239.92	19.18	390.66	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	360.00	19.16	19.16	150.30	19.18	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
5500.000	580.000	6.455	0.000	0.000	0.000	260.813	0.000	0.000
5500.000	580.000	7.500	1.045	0.000	0.000	94.999	165.814	0.000
5550.000	580.000	6.710	0.000	.256	6.710	256.082	0.000	50.000
5550.000	580.000	7.660	.950	.160	7.660	94.999	161.083	50.000
5600.000	580.000	6.982	0.000	.272	6.982	253.138	0.000	50.000
5600.000	580.000	7.840	.858	.180	7.840	89.999	163.139	50.000
5700.000	580.000	7.530	0.000	.548	7.530	257.677	0.000	100.000

6700.000	580.000	8.266	.736	.426	8.266	79.999	177.678	100.000
5937.000	580.000	8.969	0.000	1.439	8.969	233.727	0.000	237.000
5937.000	580.000	9.601	.632	1.335	9.601	69.999	163.728	237.000
7000.000	580.000	11.391	0.000	2.422	11.391	373.480	0.000	63.000
7000.000	580.000	11.351	-.040	1.750	11.351	64.999	308.481	63.000
7005.000	580.000	11.391	0.000	.001	11.391	364.022	0.000	5.000
7005.000	580.000	11.352	-.039	.002	11.352	59.999	304.023	5.000
used 63400 at sta 60105								
7300.000	510.000	11.656	0.000	.264	11.656	165.749	0.000	295.000
7300.000	510.000	12.303	.647	.950	12.303	49.999	115.750	295.000
8560.000	470.000	12.506	0.000	.850	12.506	137.638	0.000	260.000
8560.000	470.000	13.141	.635	.839	13.141	49.999	87.639	260.000
7800.000	420.000	13.679	0.000	1.173	13.679	130.252	0.000	240.000
7800.000	420.000	14.136	.457	.995	14.136	49.999	80.253	240.000
9000.000	390.000	15.069	0.000	1.390	15.069	74.962	0.000	200.000
9000.000	390.000	15.320	.252	1.184	15.320	49.999	24.963	200.000
used 70100 at sta 11452								
7152.000	390.000	16.711	0.000	1.642	16.711	100.787	0.000	152.000
7152.000	390.000	16.723	.012	1.403	16.723	49.999	50.788	152.000
7216.000	390.000	19.176	0.000	2.465	19.176	390.058	0.000	64.000
7216.000	390.000	19.154	-.021	2.431	19.154	49.999	340.059	64.000
7217.000	360.000	19.179	0.000	.003	19.179	390.662	0.000	1.000
7217.000	360.000	19.164	-.015	.009	19.164	49.999	340.663	1.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE FNC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.000	0.000	7.578	0.000
2	1.000	50.000	2.348	-5.230

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(12-22-75) Final Natural 10-15-25-50 - 500 year with corrected Discharges.

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 10 YR FLOOD
 T3 DOSHER CREEK SOUTHPORT NC

J1	ICHECK	INC	MINV	IDIR	STRI	METRIC	HVINS	Q	WSFL	FQ
	-1	2	-0	-0	.005000	-0.00	-0.0	-0	4.900	-0.000
J2	NPROF	IPILOT	PREVS	YSECV	XSECV	FN	ALLDC	IRW	CHNIM	ITRACE
	1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
NC	.150	.150	204.000	504.200	1004.400	5004.000	1004.000	1004.000	1004.000	1004.000
QT	8.000	175.000	295.000	415.000	580.000	1050.000	580.000	580.000	580.000	580.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
X1	5500.000	23.000	2194.000	2200.000	0.000	0.000	0.000	-0.000	-2.800	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.100	2197.000	3.900	2198.000	3.900	2200.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	10.200	3000.000	14.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
X1	5500.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
Y1	5500.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
X1	5700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
Y1	5700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
X1	5237.000	13.000	2194.000	2200.000	237.000	237.000	237.000	-0.000	-0.000	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2198.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	10.200	3000.000	14.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
NC	.170	.170	.24	.24	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
ST	2.000	2.100	2.500	2.500	2.000	0.000	3.200	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000
Y1	5500.000	23.000	2194.000	2198.000	63.000	63.000	63.000	-0.000	-0.000	-0.000
Y2	-0.000	-0.000	1.500	5.900	10.200	-0.000	-0.000	-0.000	-0.000	-0.000
ET	14.100	1000.000	13.900	10.000	1200.000	16.900	0.000	1600.000	17.500	0.000
BT	1700.000	10.000	10.000	1800.000	14.500	0.000	1900.000	14.000	0.000	2000.000
BT	16.600	0.000	2100.000	10.800	0.000	2196.000	10.200	5.900	2198.000	10.200
BT	5.900	2300.000	14.600	0.000	2400.000	11.200	0.000	2600.000	15.600	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2196.000	5.900	2198.000	8.200	2198.000
GR	9.500	2300.000	12.800	2400.000	15.600	2500.000	21.900	2600.000	20.300	2900.000

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 25 YR FLOOD
 T3 DOSHER CREEK SOUTHPORT NC

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10	3	-0	-0	.005000	-0.00	-0.0	-0	5.600	-0.000
J2	NPROF	IPLT	PRFVS	YSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	2.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOP	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	YNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

5500.000	4.48	5.58	0.00	5.60	5.65	.07	0.00	0.00	2.30
295	93	90	112	95	25	134	0	0	3
0.00	.97	3.65	.84	.150	.060	.150	0.000	1.10	2135.89
.005001	0	0	0	0	0	5	0.00	177.67	2313.56

5550.000	4.43	5.84	0.00	0.00	5.91	.08	.26	.00	2.60
295	93	92	110	92	24	128	0	0	3
.01	1.01	3.79	.86	.150	.060	.150	.059	1.40	2136.78
.005457	50	50	50	0	0	1	0.00	172.94	2309.72

5600.000	4.41	6.11	0.00	0.00	6.12	.08	.28	.00	2.90
295	93	93	109	91	24	126	1	0	4
.02	1.02	3.83	.86	.150	.060	.150	.059	1.70	2137.09
.005627	50	50	50	2	0	1	0.00	171.29	2308.38

5700.000	4.45	6.65	0.00	0.00	6.73	.07	.54	.00	3.40
295	93	91	112	94	25	132	1	1	4
.03	.98	3.60	.84	.150	.060	.150	.059	2.20	2146.13
.005117	100	100	100	0	0	1	0.00	176.42	2312.54

5937.000	4.21	5.11	0.00	0.00	8.24	.13	1.49	.02	5.10
295	93	103	100	89	22	105	2	2	6
.06	1.15	4.65	.94	.150	.060	.150	.059	3.90	2140.60
.007857	237	237	237	1	0	1	0.00	155.54	2296.14

SPECIAL BRIDGE
 SPECIAL BRIDGE

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 50 YR FLOOD
 T3 NOSHER CREEK SOUTHPORT NC

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FQ
	-10	4	-0	-0	.005000	-0.00	-0.0	-0	6.000	-0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	3.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	CWSFL	CRIWS	WSELK	EG	HV	HL	OLOSS	RANK ELEV
0	0LOB	QCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROR	XNL	YNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICUNT	CORAR	TOPWID	ENDST

5500.000	4.90	6.00	0.00	6.00	6.07	.07	0.00	0.00	2.30
415	128	106	182	121	27	189	0	0	3
0.00	1.05	3.80	.96	.150	.060	.150	0.000	1.10	2128.38
.004965	0	0	0	0	0	1	0.00	217.78	2346.15

5550.000	4.85	6.25	0.00	0.00	6.33	.08	.26	.00	2.60
415	128	102	179	118	27	181	0	0	3
.01	1.08	4.02	.99	.150	.060	.150	.059	1.40	2129.30
.005379	50	50	50	0	0	1	0.00	212.87	2342.17

5600.000	4.83	6.57	0.00	0.00	6.61	.08	.28	.00	2.90
415	128	109	175	116	27	177	1	0	4
.02	1.10	4.09	1.00	.150	.060	.150	.059	1.70	2129.83
.005639	50	50	50	1	0	1	0.00	210.02	2339.85

5700.000	4.88	7.08	0.00	0.00	7.15	.07	.54	.00	3.40
415	128	107	180	119	27	184	1	1	4
.03	1.07	3.96	.98	.150	.060	.150	.059	2.20	2128.93
.005209	100	100	100	0	0	1	0.00	214.83	2343.76

5937.000	4.62	8.52	0.00	0.00	8.65	.12	1.48	.02	5.10
415	128	121	166	104	25	152	3	2	6
.06	1.23	4.90	1.09	.150	.060	.150	.059	3.90	2133.22
.007573	237	237	237	1	0	1	0.00	191.93	2325.15

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 500 YR FLOOD
 T3 DOSHER CREEK SOUTHPORT NC

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10	6	-0	-0	.005000	-0.00	-0.0	-0	7.400	-0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	WSEL	CRWS	WSELK	FG	HV	HL	QLOSS	BANK ELEV
Q	Q100	QCH	QROB	ALDR	ACH	AROP	VOL	TWA	LEFT/RIGHT
TIME	VLOG	VCH	VROB	XNL	YNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

5500.000	6.30	7.40	0.00	7.40	7.47	.07	0.00	0.00	2.30
1050	299	165	587	231	36	457	0	0	3
.00	1.29	4.63	1.28	.150	.060	.150	0.000	1.10	2103.55
.004910	0	0	0	0	0	1	0.00	317.66	2421.21

5550.000	6.25	7.65	0.00	0.00	7.73	.08	.25	.00	2.60
1050	299	167	583	226	35	445	1	0	3
.01	1.33	4.74	1.31	.150	.060	.150	.059	1.40	2104.51
.005229	50	50	50	0	0	1	0.00	315.04	2419.56

5600.000	6.22	7.92	0.00	0.00	8.00	.08	.27	.00	2.90
1050	300	164	581	222	35	437	2	1	4
.01	1.35	4.81	1.33	.150	.060	.150	.059	1.70	2105.18
.005464	50	50	50	1	0	1	0.00	313.23	2418.42

5700.000	6.25	8.45	0.00	0.00	8.53	.08	.53	.00	3.40
1050	299	167	584	226	35	446	3	1	4
.03	1.32	4.76	1.31	.150	.060	.150	.059	2.20	2104.46
.005210	100	100	100	1	0	1	0.00	315.19	2419.65

5737.000	5.97	8.87	0.00	0.00	8.94	.12	1.44	.02	5.10
1050	302	168	580	202	33	386	7	1	6
.00	1.50	4.77	1.42	.220	.060	.150	.059	3.90	2100.42
.007190	237	237	237	2	0	1	0.00	301.76	2411.18

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

DOSHER CREEK SOUTHPORT N

SECTION NUMBER	DISCHARGE (CFS)	WSEL	WSFL	WFLK	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSFLK
5500.000	175.00	4.98	4.98	24.75	5.05	135.21	0.00	0.00	4.90	0.00	0.00	4.90
5500.000	295.00	5.58	5.58	41.71	5.65	177.67	0.00	0.00	5.60	0.00	0.00	5.60
5500.000	415.00	6.00	6.00	58.90	6.07	217.78	0.00	0.00	6.00	0.00	0.00	6.00
5500.000	1050.00	7.40	7.40	149.85	7.47	317.56	0.00	0.00	7.40	0.00	0.00	7.40
5550.000	175.00	5.24	5.24	23.64	5.32	132.14	0.00	0.00	0.00	4.90	4.90	0.00
5550.000	295.00	5.83	5.83	39.93	5.91	172.94	0.00	0.00	0.00	5.60	5.60	0.00
5550.000	415.00	6.25	6.25	56.58	6.33	212.87	0.00	0.00	0.00	6.00	6.00	0.00
5550.000	1050.00	7.65	7.65	145.21	7.73	315.04	0.00	0.00	0.00	7.40	7.40	0.00
5600.000	175.00	5.51	5.51	21.29	5.59	131.17	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	295.00	6.11	6.11	39.33	6.19	171.29	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	415.00	6.53	6.53	55.27	6.61	210.02	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	1050.00	7.92	7.92	142.05	8.00	313.23	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	175.00	6.06	6.06	24.41	6.13	134.27	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	295.00	6.65	6.65	41.24	6.73	176.42	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	415.00	7.08	7.08	57.50	7.15	214.83	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	1050.00	8.45	8.45	145.47	8.53	315.19	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	175.00	7.53	7.53	19.57	7.66	119.94	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	295.00	8.11	8.11	33.28	8.24	155.54	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	415.00	8.52	8.52	47.69	8.65	191.93	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	1050.00	9.87	9.87	123.83	9.99	301.76	0.00	0.00	0.00	0.00	0.00	0.00
6000.000	175.00	10.87	10.87	429.77	10.87	349.06	0.00	0.00	0.00	0.00	0.00	0.00
6000.000	295.00	11.06	11.06	475.79	11.06	358.07	0.00	0.00	0.00	0.00	0.00	0.00
6000.000	415.00	11.22	11.22	514.19	11.22	365.25	0.00	0.00	0.00	0.00	0.00	0.00
6000.000	1050.00	11.79	11.79	671.74	11.80	391.94	0.00	0.00	0.00	0.00	0.00	0.00
6005.000	175.00	10.87	10.87	178.58	10.87	339.75	0.00	0.00	0.00	0.00	0.00	0.00
6005.000	295.00	11.06	11.06	198.78	11.06	348.73	0.00	0.00	0.00	0.00	0.00	0.00
6005.000	415.00	11.22	11.22	215.62	11.22	355.66	0.00	0.00	0.00	0.00	0.00	0.00
6005.000	1050.00	11.79	11.79	294.75	11.80	382.47	0.00	0.00	0.00	0.00	0.00	0.00
6300.000	140.00	10.91	10.91	17.75	10.92	137.74	0.00	0.00	0.00	0.00	0.00	0.00
6300.000	250.00	11.16	11.16	77.34	11.19	146.19	0.00	0.00	0.00	0.00	0.00	0.00
6300.000	350.00	11.36	11.38	86.86	11.43	154.73	0.00	0.00	0.00	0.00	0.00	0.00
6300.000	900.00	12.33	12.33	141.28	12.47	217.05	0.00	0.00	0.00	0.00	0.00	0.00
6560.000	130.00	11.09	11.09	28.06	11.15	92.00	0.00	0.00	0.00	0.00	0.00	0.00
6560.000	220.00	11.55	11.55	38.57	11.64	106.91	0.00	0.00	0.00	0.00	0.00	0.00
6560.000	320.00	11.96	11.96	49.74	12.08	120.10	0.00	0.00	0.00	0.00	0.00	0.00
6560.000	800.00	13.48	13.48	112.82	13.64	181.82	0.00	0.00	0.00	0.00	0.00	0.00
6800.000	115.00	11.79	11.79	16.15	11.81	69.58	0.00	0.00	0.00	0.00	0.00	0.00
6800.000	195.00	12.47	12.47	27.60	12.60	91.38	0.00	0.00	0.00	0.00	0.00	0.00
6800.000	250.00	13.02	13.02	40.22	13.12	109.00	0.00	0.00	0.00	0.00	0.00	0.00
6800.000	700.00	14.67	14.67	100.93	14.83	166.39	0.00	0.00	0.00	0.00	0.00	0.00

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSEL	CGK	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
7000.000	100.00	13.25	13.25	8.22	13.53	33.31	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	175.00	13.90	13.90	14.21	14.25	48.04	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	250.00	14.39	14.39	20.46	14.78	59.33	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	620.00	15.97	15.97	52.42	16.43	95.43	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	100.00	14.67	14.67	14.42	14.75	54.22	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	175.00	15.41	15.41	25.01	15.51	71.25	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	250.00	15.96	15.96	35.19	16.06	83.55	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	620.00	17.63	17.63	82.65	17.77	121.69	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	100.00	18.55	18.55	262.57	18.55	182.50	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	175.00	18.55	18.55	302.52	18.55	316.28	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	250.00	18.90	18.90	323.47	19.00	348.68	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	620.00	19.40	19.40	395.56	19.41	456.41	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	90.00	18.55	18.55	179.42	18.55	184.53	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	165.00	18.55	18.55	204.93	18.55	316.82	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	215.00	18.90	18.90	219.42	19.00	349.24	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	560.00	19.40	19.40	269.41	19.41	457.18	0.00	0.00	0.00	0.00	0.00	0.00

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
5500.000	175.000	4.979	0.000	0.000	0.000	135.212	0.000	0.000
5500.000	295.000	5.576	.597	0.000	0.000	177.669	-42.457	0.000
5500.000	415.000	6.000	.424	0.000	0.000	217.776	-82.564	0.000
5500.000	1050.000	7.400	1.400	0.000	0.000	317.665	-182.453	0.000
5550.000	175.000	5.236	0.000	.257	5.236	132.143	0.000	50.000
5550.000	295.000	5.833	.597	.257	5.833	172.939	-40.796	50.000
5550.000	415.000	6.255	.424	.255	6.255	212.874	-80.731	50.000
5550.000	1050.000	7.651	1.396	.251	7.651	315.045	-182.902	50.000
5600.000	175.000	5.513	0.000	.277	5.513	131.174	0.000	50.000
5600.000	295.000	6.109	.596	.276	6.109	171.292	-40.117	50.000
5600.000	415.000	6.528	.419	.273	6.528	210.020	-78.845	50.000
5600.000	1050.000	7.916	1.388	.265	7.916	313.235	-182.060	50.000
5750.000	175.000	6.060	0.000	.547	6.060	134.274	0.000	100.000
5750.000	295.000	6.654	.594	.545	6.654	176.417	-42.143	100.000
5750.000	415.000	7.077	.423	.544	7.077	214.830	-80.556	100.000
5750.000	1050.000	8.454	1.377	.536	8.454	315.195	-180.920	100.000
5937.000	175.000	7.529	0.000	1.469	7.529	119.940	0.000	237.000
5937.000	295.000	8.107	.579	1.453	8.107	155.540	-35.600	237.000
5937.000	415.000	8.524	.416	1.447	8.524	191.929	-71.988	237.000
5937.000	1050.000	9.869	1.346	1.416	9.869	301.764	-181.824	237.000
6000.000	175.000	10.869	0.000	3.340	10.869	349.463	0.000	63.000
6000.000	295.000	11.062	.193	2.954	11.062	358.071	-9.008	63.000
6000.000	415.000	11.216	.153	2.692	11.216	365.247	-16.185	63.000
6000.000	1050.000	11.787	.572	1.918	11.787	391.941	-42.879	63.000
6005.000	175.000	10.869	0.000	0.000	10.869	339.254	0.000	5.000
6005.000	295.000	11.062	.193	0.000	11.062	348.729	-8.975	5.000
6005.000	415.000	11.216	.153	0.000	11.216	355.862	-16.108	5.000
6005.000	1050.000	11.789	.573	0.002	11.789	382.474	-42.720	5.000
6300.000	175.000	10.910	0.000	.041	10.910	137.738	0.000	295.000
6300.000	295.000	11.159	.249	.097	11.159	146.190	-8.453	295.000
6300.000	415.000	11.376	.217	.160	11.376	154.731	-16.994	295.000

8300.000	900.000	12.334	.959	.546	12.334	217.045	-79.307	295.000
8560.000	130.000	11.092	0.000	.182	11.092	92.000	0.000	260.000
8560.000	220.000	11.553	.462	.395	11.553	106.913	-14.912	260.000
8560.000	320.000	11.962	.408	.586	11.962	120.103	-28.102	260.000
8560.000	800.000	13.481	1.519	1.147	13.481	181.822	-89.822	260.000
8800.000	115.000	11.794	0.000	.702	11.794	69.581	0.000	240.000
8800.000	195.000	12.473	.680	.920	12.473	91.383	-21.802	240.000
8800.000	240.000	13.021	.547	1.059	13.021	109.002	-39.421	240.000
8800.000	700.000	14.674	1.653	1.192	14.674	166.389	-96.808	240.000
9000.000	100.000	13.253	0.000	1.459	13.253	33.309	0.000	200.000
9000.000	175.000	13.899	.646	1.426	13.899	48.045	-14.736	200.000
9000.000	250.000	14.393	.494	1.373	14.393	59.326	-26.017	200.000
9000.000	620.000	15.971	1.578	1.297	15.971	95.431	-62.122	200.000
9152.000	100.000	14.674	0.000	1.421	14.674	54.218	0.000	152.000
9152.000	175.000	15.415	.741	1.516	15.415	71.254	-17.035	152.000
9152.000	250.000	15.955	.540	1.562	15.955	83.550	-29.332	152.000
9152.000	620.000	17.628	1.673	1.657	17.628	121.687	-67.468	152.000
9216.000	100.000	18.546	0.000	3.871	18.546	182.498	0.000	64.000
9216.000	175.000	18.848	.303	3.433	18.848	316.275	-133.778	64.000
9216.000	250.000	18.993	.144	3.038	18.993	348.677	-166.179	64.000
9216.000	620.000	19.395	.403	1.768	19.395	456.413	-273.915	64.000
9217.000	90.000	18.546	0.000	.000	18.546	184.027	0.000	1.000
9217.000	160.000	18.849	.303	.001	18.849	316.823	-132.795	1.000
9217.000	250.000	18.995	.145	.002	18.995	349.244	-165.216	1.000
9217.000	560.000	19.402	.407	.007	19.402	457.178	-273.150	1.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.000	0.000	4.994	0.000
2	0.000	0.000	5.911	.916
3	0.000	0.000	6.670	1.676
4	0.000	0.000	9.264	4.270

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

Run # 3

T1 FLOOD INSURANCE STUDY -FPMPR
 T2 100 YR FLOOD
 T3 ROSHER CREEK, SOUTHPORT, N.C.

Note: Runs up to & Inc This Run has errors in Discharge at sta 7300 - 8216

J1	ICHECK	IND	MINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FD
	-1	5	-0	-0	.005000	-0.00	-0.0	-0	6.500	-0.000
J2	NPROF	IPLOT	PREVS	XSECV	ZSECV	FN	ALLOD	TSW	CRNTH	TRACE
	1.000	-0.000	1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000
J3	1.000	34.000	3.000	4.000	27.000	28.000	9.000	-0.000	-0.000	-0.000
NC	.150	.150	.060	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
QT	8.000	175.000	295.000	415.000	580.000	1050.000	580.000	580.000	580.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
X1	5500.000	23.000	2194.000	2200.000	0.000	0.000	0.000	-0.000	-2.800	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2197.000	3.900	2198.000	3.900	2200.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
X1	5550.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2270.000
X1	5600.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2260.000
X1	5700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2250.000
X1	5037.000	23.000	2194.000	2200.000	237.000	237.000	237.000	-0.000	-0.000	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2198.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
NC	.070	.070	.024	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	2.130	2.500	-0.000	2.000	0.000	3.200	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2245.000
X1	6000.000	23.000	2194.000	2198.000	637.000	637.000	637.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	5.900	10.200	-0.000	-0.000	-0.000	-0.000	-0.000
RT	13.000	1000.000	20.000	0.000	1200.000	16.900	0.000	1600.000	17.500	0.000
BT	1700.000	16.900	0.000	1800.000	14.500	0.000	1900.000	14.000	0.000	2000.000
BT	16.600	0.000	2100.000	10.800	0.000	2196.000	10.200	5.900	2198.000	10.200
RT	5.900	2300.000	10.600	0.000	2400.000	11.200	0.000	2600.000	15.600	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2196.000	5.900	2198.000	5.900	2198.000

 IEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

1 FLOOD INSURANCE STUDY -FPMRR
 2 100 YR FLOOD ENCROACHED
 3 DOSHER CREEK, SOUTHPORT, N.C.

1	ICHECK	INO	NINW	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-10	7	-0	-0	-0.000000	-0.00	-0.0	-0	7.500	-0.000
2	NPROF	TPL0T	PRFVS	XSECV	XSPCH	FN	ALLDC	IRW	CHNTM	ITRACE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000

CHV= .200 CEHV= .400

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	APOR	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XMR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3470 ENCROACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000			
5500.000	6.40	7.50	0.00	7.50	7.57	.07	0.00	0.00	2.30
580	106	135	340	67	36	265	0	0	3
0.00	1.57	3.72	1.28	.150	.060	.150	0.000	1.10	2180.00
.003102	0	0	0	0	0	1	0.00	95.00	2275.00

FLOW DISTRIBUTION

STA=	2180	2194	2200	2275
PER C=	18.2	23.2	58.6	
AREA=	67.3	36.2	255.3	
VEL=	1.6	3.7	1.3	

3470 ENCROACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000			
5500.000	6.26	7.66	0.00	0.00	7.74	.08	.16	.00	2.60
580	106	137	336	64	35	254	0	0	3
.01	1.63	3.88	1.32	.150	.060	.150	.059	1.40	2180.00
.003404	50	50	50	0	0	1	0.00	95.00	2275.00

FLOW DISTRIBUTION

STA=	2180	2194	2200	2275
PER C=	18.4	23.6	58.0	
AREA=	65.2	35.3	254.4	
VEL=	1.6	3.9	1.3	

3470 ENCROACHMENT STATIONS=	2180.0	2270.0	TYPE=	1	TARGET=	90.000			
5600.000	6.14	7.84	0.00	0.00	7.93	.09	.19	.00	2.90

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

OSHER CREEK, SOUTHPORT,

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSEL	.01K	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
5500.000	580.00	6.45	6.45	82.02	6.53	260.81	0.00	0.00	6.50	117.00	117.00	6.50
5500.000	580.00	7.50	7.50	104.14	7.57	95.00	2180.00	2275.00	7.50	0.00	0.00	7.50
5550.000	580.00	6.71	6.71	79.22	6.79	256.08	0.00	0.00	0.00	6.50	6.50	0.00
5550.000	580.00	7.66	7.66	98.12	7.74	95.00	2180.00	2275.00	0.00	7.50	7.50	0.00
5600.000	580.00	6.98	6.98	77.51	7.06	253.14	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	580.00	7.84	7.84	91.37	7.93	90.00	2180.00	2270.00	0.00	0.00	0.00	0.00
5700.000	580.00	7.53	7.53	80.15	7.61	257.68	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	580.00	8.27	8.27	83.95	8.38	80.00	2180.00	2260.00	0.00	0.00	0.00	0.00
5937.000	580.00	8.97	8.97	67.33	9.09	233.73	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	580.00	9.60	9.60	68.05	9.79	70.00	2180.00	2250.00	0.00	0.00	0.00	0.00
6000.000	580.00	11.39	11.39	540.16	11.40	373.48	0.00	0.00	0.00	0.00	0.00	0.00
6000.000	580.00	11.35	11.35	222.88	11.40	65.00	2180.00	2245.00	0.00	0.00	0.00	0.00
6005.000	580.00	11.39	11.39	235.76	11.40	364.02	0.00	0.00	0.00	0.00	0.00	0.00
6005.000	580.00	11.35	11.35	91.33	11.41	60.00	2180.00	2240.00	0.00	0.00	0.00	0.00
6300.000	520.00	11.66	11.66	100.30	11.74	165.89	0.00	0.00	0.00	0.00	0.00	0.00
6300.000	520.00	12.31	12.31	96.62	12.45	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
6560.000	440.00	12.49	12.49	67.02	12.62	157.09	0.00	0.00	0.00	0.00	0.00	0.00
6560.000	440.00	13.13	13.13	74.20	13.28	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
6800.000	390.00	13.57	13.57	56.19	13.71	126.83	0.00	0.00	0.00	0.00	0.00	0.00
6800.000	390.00	14.03	14.03	61.12	14.18	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7000.000	345.00	14.91	14.91	28.73	15.32	71.07	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	345.00	15.14	15.14	33.65	15.45	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7152.000	345.00	16.49	16.49	47.72	16.61	95.85	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	345.00	16.48	16.48	46.13	16.62	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7216.000	345.00	19.12	19.12	344.04	19.13	377.92	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	345.00	19.11	19.11	233.67	19.13	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00
7217.000	360.00	19.12	19.12	233.66	19.13	378.51	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	360.00	19.11	19.11	156.25	19.13	50.00	2180.00	2230.00	0.00	0.00	0.00	0.00

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
5500.000	580.000	6.455	0.000	0.000	0.000	260.813	0.000	0.000
5500.000	580.000	7.500	1.045	0.000	0.000	94.999	165.814	0.000
5550.000	580.000	6.710	0.000	.256	6.710	256.082	0.000	50.000
5550.000	580.000	7.660	.950	.160	7.660	94.999	161.083	50.000
5600.000	580.000	6.982	0.000	.272	6.982	253.138	0.000	50.000
5600.000	580.000	7.840	.858	.180	7.840	89.999	163.139	50.000
5700.000	580.000	7.530	0.000	.548	7.530	257.677	0.000	100.000

6700.000	580.000	8.266	.736	.426	8.266	79.999	177.678	100.000
5937.000	580.000	8.969	0.000	1.439	8.969	233.727	0.000	237.000
5937.000	580.000	9.601	.632	1.335	9.601	69.999	163.728	237.000
2000.000	580.000	11.391	0.000	2.422	11.391	373.480	0.000	63.000
2000.000	580.000	11.351	-.040	1.750	11.351	64.997	308.481	63.000
2005.000	580.000	11.391	0.000	.001	11.391	364.022	0.000	5.000
2005.000	580.000	11.352	-.039	.002	11.352	59.999	304.023	5.000
2300.000	520.000	11.659	0.000	.268	11.659	165.891	0.000	295.000
2300.000	520.000	12.314	.655	.962	12.314	49.999	115.892	295.000
2560.000	440.000	12.490	0.000	.830	12.490	137.090	0.000	260.000
2560.000	440.000	13.132	.642	.817	13.132	49.999	87.091	260.000
2800.000	390.000	13.572	0.000	1.083	13.572	126.826	0.000	240.000
2800.000	390.000	14.031	.459	.899	14.031	49.999	76.827	240.000
2900.000	349.000	14.908	0.000	1.336	14.908	71.065	0.000	200.000
2900.000	345.000	15.138	.239	1.107	15.138	49.999	21.066	200.000
2152.000	345.000	16.494	0.000	1.586	16.494	95.846	0.000	152.000
2152.000	345.000	16.483	-.011	1.343	16.483	49.999	45.847	152.000
2216.000	345.000	19.122	0.000	2.628	19.122	377.921	0.000	64.000
2216.000	345.000	19.105	-.017	2.622	19.105	49.999	327.922	64.000
2217.000	360.000	19.123	0.000	.001	19.123	378.512	0.000	1.000
2217.000	360.000	19.107	-.016	.002	19.107	49.999	328.513	1.000

ATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.000	0.000	7.521	0.000
2	1.000	50.000	2.348	-5.173

EC2 VERSION UPDATED JAN 1975

ERROR CORRECTIONS 01,02,03,04,05,06,07,08

MODIFICATIONS 51,52,53,54,55,56,57,58,99

 HEC2 VERSION UPDATED JULY 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

2

T1 FLOOD INSURANCE STUDY -FPMR
 T2 100 YR FLOOD
 T3 DOSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	INO	XINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1.	5.	-0.	-0.	.005000	-0.00	-0.0	-0.	6.500	-0.000
J2	NPROF	IPIOT	PREVS	XSECV	XSFCH	FN	ALLDC	IRW	CHNIM	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000
J3	1.000	34.000	3.000	4.000	27.000	28.000	9.000	-0.000	-0.000	-0.000
NC	.150	.150	.060	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
QT	8.000	175.000	295.000	415.000	580.000	1050.000	580.000	580.000	580.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
X1	5500.000	23.000	2194.000	2200.000	0.000	0.000	0.000	-0.000	-2.800	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2198.000	3.900	2200.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
X1	5550.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2270.000
X1	5600.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2175.000	2265.000
X1	5700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2270.000
X1	5937.000	23.000	2194.000	2200.000	237.000	237.000	237.000	-0.000	-0.000	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2198.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
NC	.070	.070	.024	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	2.130	2.500	-0.000	2.000	0.000	3.200	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2270.000
X1	2000.000	23.000	2196.000	2198.000	63.000	63.000	63.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	5.900	10.200	-0.000	-0.000	-0.000	-0.000	-0.000
BT	13.000	1000.000	20.000	0.000	1200.000	16.900	0.000	1600.000	17.500	0.000
BT	1700.000	16.900	0.000	1800.000	14.500	0.000	1900.000	14.000	0.000	2000.000
BT	16.600	0.000	2100.000	10.800	0.000	2196.000	10.200	5.900	2198.000	10.200
BT	5.900	2300.000	10.600	0.000	2400.000	11.200	0.000	2600.000	15.600	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2196.000	5.900	2198.000	5.900	2198.000

 HEC2 VERSION UPDATED JULY 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 FLOOD INSURANCE STUDY -FPMBR
 T2 100 YR FLOOD ENCROACHED
 T3 DUSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	IND	INIV	IDIR	STPT	METRIC	HVINS	Q	WSEL	FO
	-10.	7.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	7.500	-0.000
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IPW	CHNTH	ITRACE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OCLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOR	ACH	AROR	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SCOPE	XLOBL	XLCH	XLOBR	ITPVAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000			
5500.00	6.40	7.50	0.00	7.50	7.57	.07	0.00	0.00	2.30
580.	106.	135.	340.	67.	36.	265.	0.	0.	3.10
0.00	1.57	3.72	1.28	.150	.060	.150	0.000	1.10	2180.00
.003102	0.	0.	0.	0	0	1	0.00	95.00	2275.00

FLOW DISTRIBUTION

STA=	2180.	2194.	2200.	2275.
PER Q=	18.2	23.2	58.6	
AREA=	67.3	56.2	265.3	
VEL=	1.6	3.7	1.3	

3470 ENCROACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000			
5500.00	6.20	7.66	0.00	0.00	7.74	.08	.16	.00	2.60
580.	106.	137.	336.	65.	35.	254.	0.	0.	3.40
.01	1.63	3.88	1.32	.150	.060	.150	.059	1.40	2180.00
.003494	0.	0.	0.	0	0	1	0.00	95.00	2275.00

FLOW DISTRIBUTION

STA=	2180.	2194.	2200.	2275.
PER Q=	18.4	23.6	58.0	
AREA=	65.2	55.3	254.4	
VEL=	1.6	3.9	1.3	

3470 ENCROACHMENT STATIONS=	2180.0	2270.0	TYPE=	1	TARGET=	90.000			
5600.00	6.14	7.84	0.00	0.00	7.93	.09	.19	0.00	2.90

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

JOSHER CREEK, SOUTHPORT,

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	WSELK
5500.00		0.00	0.00	0.00	580.00	6.49	82.02	6.53	260.81	0.00	0.00	6.50
5500.00		0.00	0.00	1.10	580.00	7.50	104.14	7.57	95.00	2180.00	2275.00	7.50
5550.00	50.00	0.00	0.00	1.40	580.00	6.71	79.22	6.79	256.08	0.00	0.00	0.00
5550.00	50.00	0.00	0.00	1.40	580.00	7.66	98.12	7.74	95.00	2180.00	2275.00	0.00
5600.00	50.00	0.00	0.00	1.70	580.00	6.98	77.51	7.06	253.14	0.00	0.00	0.00
5600.00	50.00	0.00	0.00	1.70	580.00	7.84	91.37	7.93	90.00	2180.00	2270.00	0.00
5700.00	100.00	0.00	0.00	2.20	580.00	7.53	80.15	7.61	257.68	0.00	0.00	0.00
5700.00	100.00	0.00	0.00	2.20	580.00	8.25	90.45	8.34	90.00	2175.00	2265.00	0.00
5937.00	237.00	0.00	0.00	3.90	580.00	8.97	67.33	9.09	233.73	0.00	0.00	0.00
5937.00	237.00	0.00	0.00	3.90	580.00	9.44	70.22	9.60	90.00	2180.00	2270.00	0.00
6000.00	63.00	10.20	5.90	3.90	580.00	11.39	560.16	11.40	373.48	0.00	0.00	0.00
6000.00	63.00	10.20	5.90	3.90	580.00	11.37	279.86	11.40	90.00	2180.00	2270.00	0.00
6005.00	5.00	0.00	0.00	4.10	580.00	11.39	235.76	11.40	364.02	0.00	0.00	0.00
6005.00	5.00	0.00	0.00	4.10	580.00	11.37	121.42	11.40	90.00	2180.00	2270.00	0.00
6300.00	295.00	0.00	0.00	5.80	520.00	11.66	100.30	11.74	165.89	0.00	0.00	0.00
6300.00	295.00	0.00	0.00	5.80	520.00	12.07	97.10	12.19	60.00	2170.00	2230.00	0.00
6560.00	260.00	0.00	0.00	7.40	440.00	12.49	67.02	12.62	137.09	0.00	0.00	0.00
6560.00	260.00	0.00	0.00	7.40	440.00	12.89	72.80	13.02	60.00	2170.00	2230.00	0.00
6800.00	240.00	0.00	0.00	8.80	390.00	13.57	56.19	13.71	126.83	0.00	0.00	0.00
6800.00	240.00	0.00	0.00	8.80	390.00	13.83	59.70	13.97	60.00	2170.00	2230.00	0.00
7000.00	200.00	0.00	0.00	10.00	345.00	14.91	28.73	15.32	71.07	0.00	0.00	0.00
7000.00	200.00	0.00	0.00	10.00	345.00	15.01	30.92	15.37	57.16	2170.00	2230.00	0.00
7152.00	152.00	0.00	0.00	10.50	345.00	16.49	47.72	16.61	95.85	0.00	0.00	0.00
7152.00	152.00	0.00	0.00	10.50	345.00	16.48	46.82	16.62	60.00	2170.00	2230.00	0.00
8216.00	64.00	18.20	13.50	10.50	345.00	19.12	344.04	19.13	377.92	0.00	0.00	0.00
8216.00	64.00	18.20	13.50	10.50	345.00	19.11	257.73	19.13	60.00	2170.00	2230.00	0.00
8217.00	1.00	0.00	0.00	10.50	360.00	19.12	233.66	19.13	378.51	0.00	0.00	0.00
8217.00	1.00	0.00	0.00	10.50	360.00	19.11	173.09	19.13	60.00	2170.00	2230.00	0.00
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH				
5500.000	580.000	6.455	0.000	0.000	0.000	260.813	0.000	0.000				
5500.000	580.000	7.500	1.045	0.000	0.000	94.999	165.814	0.000				
5550.000	580.000	6.710	0.000	.256	0.000	256.082	0.000	50.000				
5550.000	580.000	7.660	.950	.160	0.000	94.999	161.083	50.000				
5600.000	580.000	6.982	0.000	.272	0.000	253.138	0.000	50.000				
5600.000	580.000	7.840	.858	.180	0.000	89.999	163.139	50.000				
5700.000	580.000	7.530	0.000	.548	0.000	257.677	0.000	100.000				

07.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
5700.000	580.000	8.248	.719	.408	0.000	89.999	167.678	100.000
5937.000	580.000	8.969	0.000	1.439	0.000	233.727	0.000	237.000
5937.000	580.000	9.445	.476	1.196	0.000	89.999	143.728	237.000
6000.000	580.000	11.391	0.000	2.422	0.000	373.480	0.000	63.000
6000.000	580.000	11.370	-.020	1.926	0.000	89.999	283.481	63.000
6005.000	580.000	11.391	0.000	.001	0.000	364.022	0.000	5.000
6005.000	580.000	11.374	-.018	.004	0.000	89.999	274.023	5.000
6300.000	520.000	11.659	0.000	.268	0.000	165.891	0.000	295.000
6300.000	520.000	12.066	.407	.692	0.000	59.999	105.892	295.000
6560.000	440.000	12.490	0.000	.830	0.000	137.090	0.000	260.000
6560.000	440.000	12.689	.399	.823	0.000	59.999	77.091	260.000
6800.000	390.000	13.572	0.000	1.083	0.000	126.826	0.000	240.000
6800.000	390.000	13.825	.253	.937	0.000	59.999	66.827	240.000
8000.000	345.000	14.906	0.000	1.336	0.000	71.065	0.000	200.000
8000.000	345.000	15.010	.102	1.184	0.000	57.160	13.905	200.000
8152.000	345.000	16.494	0.000	1.586	0.000	95.846	0.000	152.000
8152.000	345.000	16.484	-.010	1.475	0.000	59.999	35.847	152.000
8216.000	345.000	19.122	0.000	2.628	0.000	377.921	0.000	64.000
8216.000	345.000	19.110	-.012	2.626	0.000	59.999	317.922	64.000
8217.000	360.000	19.123	0.000	.001	0.000	378.512	0.000	1.000
8217.000	360.000	19.112	-.012	.002	0.000	59.999	318.513	1.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.000	0.000	7.521	0.000
2	1.000	60.000	2.811	-4.710

 -EC2 VERSION UPDATED JAN 1975
 -ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 -MODIFICATIONS 51,52,53,54,55,56,57,58,99

Method 1 trial 1

1 FLOOD INSURANCE STUDY -FPMR
 2 100 YR FLOOD
 3 DUSHER CREEK, SOUTHPORT, N.C.

1	ICHECK	IND	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1	5	-0	-0	.005000	0.000	-0.0	-0	6.500	-0.000
2	NPROF	IPILOT	PREVS	XSECV	XSECH	FN	ALLOC	IRW	CHNTH	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
3	1.000	34.000	3.000	4.000	27.000	28.000	9.000	-0.000	-0.000	-0.000
C	.150	.150	.060	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
T	8.000	175.000	295.000	415.000	580.000	1050.000	580.000	580.000	580.000	-0.000
T	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
1	5500.000	23.000	2194.000	2260.000	0.000	0.000	0.000	-0.000	-2.800	-0.000
R	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
R	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
R	4.100	2197.000	3.900	2198.000	3.900	2200.000	5.900	2200.000	8.200	2300.000
R	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
R	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
T	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2275.000
1	5550.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
T	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2180.000	2270.000
1	5600.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
T	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2175.000	2275.000
1	5700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
T	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2165.000	2300.000
1	5937.000	23.000	2194.000	2200.000	237.000	237.000	237.000	-0.000	-0.000	-0.000
R	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
R	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
R	4.500	2195.000	3.900	2196.000	3.900	2198.000	5.900	2200.000	8.200	2300.000
R	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
R	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
C	.070	.070	.024	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
T	0.000	2.130	2.500	-0.000	2.000	0.000	3.200	-0.000	-0.000	-0.000
T	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	9.100	-0.000	2160.000	2310.000
1	6000.000	23.000	2195.000	2198.000	63.000	63.000	63.000	-0.000	-0.000	-0.000
2	-0.000	-0.000	1.000	5.900	10.200	-0.000	-0.000	-0.000	-0.000	-0.000
T	13.000	1000.000	20.000	0.000	1200.000	16.900	0.000	1600.000	17.500	0.000
T	1700.000	16.900	0.000	1800.000	14.500	0.000	1900.000	14.000	0.000	2000.000
T	16.600	0.000	2100.000	10.800	0.000	2196.000	10.200	5.900	2198.000	10.200
T	5.900	2300.000	10.600	0.000	2400.000	11.200	0.000	2600.000	15.600	-0.000
T	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
T	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
T	4.500	2195.000	3.900	2196.000	3.900	2196.000	5.900	2198.000	8.200	2198.000

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY -FPMRR
 T2 100 YR FLOOD ENCRDACHED
 T3 DOSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	HVINS	0	WSEL	F0
	-10	7	-0	-0	-0.000000	-0.00	-0.0	-0	7.500	-0.000
J2	NPROF	IPL0T	PRFV5	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	CWSFL	CRISW	WSELK	EG	HV	HL	OCLOSS	BANK	FLEV
0	DLOR	OCH	OROB	ALOR	ACH	APOR	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XML	YNCH	XMR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3470 ENCRDACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000				
5500.000	6.40	7.50	0.00	7.50	7.57	.07	0.00	0.00	2.30	
580	106	135	340	67	36	265	0	0	3	
0.00	1.57	3.72	1.28	.150	.060	.150	0.000	1.10	2180.00	
.003102	0	0	0	0	0	1	0.00	95.00	2275.00	

FLOW DISTRIBUTION

STA=	2180	2194	2200	2275
PER 0=	18.2	23.2	58.6	
AREA=	67.3	36.2	265.3	
VEL=	1.6	3.7	1.3	

3470 ENCRDACHMENT STATIONS=	2180.0	2275.0	TYPE=	1	TARGET=	95.000				
5550.000	6.26	7.66	0.00	0.00	7.74	.08	.16	.00	2.60	
580	106	137	336	65	35	254	0	0	3	
.01	1.63	3.88	1.32	.150	.060	.150	.059	1.40	2180.00	
.003494	50	50	50	0	0	1	0.00	95.00	2275.00	

FLOW DISTRIBUTION

STA=	2180	2194	2200	2275
PER 0=	18.4	23.6	58.0	
AREA=	65.2	35.3	254.4	
VEL=	1.6	3.9	1.3	

3470 ENCRDACHMENT STATIONS=	2180.0	2270.0	TYPE=	1	TARGET=	90.000				
0.00	0.00	7.93	.09	.19	.00	2.90				

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

DOSHER CREEK, SOUTHPORT,

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSFL	.01K	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
6500.000	580.00	6.45	6.45	82.02	6.53	260.81	0.00	0.00	6.50	0.00	0.00	6.50
5500.000	580.00	7.50	7.50	104.14	7.57	95.00	2180.00	2275.00	7.50	0.00	0.00	7.50
5550.000	580.00	6.71	6.71	79.22	6.79	256.08	0.00	0.00	0.00	6.50	6.50	0.00
5550.000	580.00	7.66	7.66	98.12	7.74	95.00	2180.00	2275.00	0.00	7.50	7.50	0.00
5600.000	580.00	6.98	6.98	77.51	7.06	253.14	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	580.00	7.84	7.84	91.37	7.93	90.00	2180.00	2270.00	0.00	0.00	0.00	0.00
5700.000	580.00	7.53	7.53	80.15	7.61	257.68	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	580.00	8.24	8.24	94.40	8.32	100.00	2175.00	2275.00	0.00	0.00	0.00	0.00
5937.000	580.00	8.97	8.97	67.33	9.09	233.73	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	580.00	9.30	9.30	78.44	9.40	135.00	2165.00	2300.00	0.00	0.00	0.00	0.00
7000.000	580.00	11.39	11.39	560.16	11.40	373.48	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	580.00	11.39	11.39	406.42	11.40	150.00	2160.00	2310.00	0.00	0.00	0.00	0.00
7005.000	580.00	11.39	11.39	235.76	11.40	364.02	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	580.00	11.39	11.39	166.97	11.40	140.00	2165.00	2305.00	0.00	0.00	0.00	0.00
7300.000	520.00	11.66	11.66	170.30	11.74	165.89	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	520.00	11.83	11.83	103.60	11.92	90.00	2175.00	2265.00	0.00	0.00	0.00	0.00
7560.000	440.00	12.49	12.49	67.02	12.62	137.09	0.00	0.00	0.00	0.00	0.00	0.00
7560.000	440.00	12.61	12.61	68.71	12.74	75.00	2180.00	2255.00	0.00	0.00	0.00	0.00
7800.000	390.00	13.57	13.57	56.19	13.71	126.83	0.00	0.00	0.00	0.00	0.00	0.00
7800.000	390.00	13.67	13.67	55.13	13.83	65.00	2165.00	2250.00	0.00	0.00	0.00	0.00
7000.000	345.00	14.91	14.91	28.73	15.32	71.07	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	345.00	15.01	15.01	30.60	15.39	50.00	2190.00	2240.00	0.00	0.00	0.00	0.00
7152.000	345.00	16.49	16.49	47.72	16.61	95.85	0.00	0.00	0.00	0.00	0.00	0.00
7152.000	345.00	16.53	16.53	46.01	16.67	50.00	2190.00	2240.00	0.00	0.00	0.00	0.00
7216.000	345.00	19.12	19.12	344.04	19.13	377.92	0.00	0.00	0.00	0.00	0.00	0.00
7216.000	345.00	19.12	19.12	321.31	19.13	110.00	2175.00	2285.00	0.00	0.00	0.00	0.00
7217.000	360.00	19.12	19.12	233.66	19.13	378.51	0.00	0.00	0.00	0.00	0.00	0.00
7217.000	360.00	19.12	19.12	217.26	19.13	110.00	2175.00	2285.00	0.00	0.00	0.00	0.00
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH				
6500.000	580.000	6.455	0.000	0.000	0.000	260.813	0.000	0.000				
5500.000	580.000	7.500	1.045	0.000	0.000	94.999	165.814	0.000				
6550.000	580.000	6.710	0.000	.256	6.710	256.082	0.000	50.000				
5550.000	580.000	7.650	.950	.160	7.660	24.999	161.083	50.000				
5600.000	580.000	6.982	0.000	.272	6.982	253.138	0.000	50.000				
5600.000	580.000	7.840	.858	.180	7.840	89.999	163.139	50.000				
	580.000	7.530	0.000	.548	7.530	257.677	0.000	100.000				

1	2	3	4	5	6	7	8	9
5700.000	580.000	8.244	.714	.403	8.244	99.999	157.678	100.000
5937.000	580.000	8.969	0.000	1.439	8.969	233.727	0.000	237.000
5937.000	580.000	9.297	.328	1.053	9.297	134.999	98.728	237.000
6000.000	580.000	11.391	0.000	2.422	11.391	373.480	0.000	63.000
6000.000	580.000	11.386	-.005	2.089	11.386	149.999	223.481	63.000
6005.000	580.000	11.391	0.000	.001	11.391	364.022	0.000	5.000
6005.000	580.000	11.387	-.005	.001	11.387	139.999	224.023	5.000
6300.000	520.000	11.659	0.000	.268	11.659	165.891	0.000	295.000
6300.000	520.000	11.829	.170	.442	11.829	89.999	75.892	295.000
6560.000	440.000	12.490	0.000	.830	12.490	137.090	0.000	260.000
6560.000	440.000	12.609	.120	.780	12.609	74.999	62.091	260.000
6800.000	390.000	13.572	0.000	1.083	13.572	126.826	0.000	240.000
6800.000	390.000	13.671	.098	1.061	13.671	64.999	61.827	240.000
7000.000	345.000	14.908	0.000	1.336	14.908	71.065	0.000	200.000
7000.000	345.000	15.014	.106	1.343	15.014	49.999	21.066	200.000
7152.000	345.000	16.494	0.000	1.586	16.494	95.846	0.000	152.000
7152.000	345.000	16.526	.032	1.513	16.526	49.999	45.847	152.000
7216.000	345.000	19.122	0.000	2.628	19.122	377.921	0.000	64.000
7216.000	345.000	19.119	-.003	2.593	19.119	109.999	267.922	64.000
7217.000	360.000	19.123	0.000	.001	19.123	378.512	0.000	1.000
7217.000	360.000	19.120	-.003	.001	19.120	109.999	268.513	1.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	END	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1		0.000	0.000	7.521	0.000
2		1.000	119.000	3.511	-4.011

	8.000	140.000	250.000	350.000	520.000	900.000	520.000	520.000	520.000	-0.000
QT	8.000	140.000	250.000	350.000	520.000	900.000	520.000	520.000	520.000	-0.000
X1	300.000	22.000	2197.000	2205.000	295.000	295.000	295.000	-0.000	-2.000	-0.000
GR	23.000	1000.000	19.500	1200.000	20.300	1400.000	20.500	1600.000	20.000	1700.000
GR	18.600	1800.000	18.200	1900.000	18.900	2000.000	15.400	2100.000	13.100	2144.000
GR	8.700	2197.000	7.900	2198.000	7.800	2204.000	9.000	2205.000	13.700	2300.000
GR	15.400	2400.000	18.300	2600.000	20.700	2700.000	19.500	2900.000	19.900	3000.000
GR	21.200	3100.000	23.000	3200.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
QT	8.000	130.000	220.000	320.000	440.000	800.000	440.000	440.000	440.000	-0.000
X1	560.000	-0.000	-0.000	-0.000	260.000	260.000	260.000	-0.000	2.000	-0.000
QT	8.000	115.000	195.000	280.000	390.000	700.000	390.000	390.000	390.000	-0.000
X1	800.000	-0.000	-0.000	-0.000	240.000	240.000	240.000	-0.000	-0.000	-0.000
QT	8.000	100.000	175.000	250.000	345.000	620.000	345.000	345.000	345.000	-0.000
X1	800.000	25.000	2200.000	2209.000	200.000	200.000	200.000	-0.000	-0.000	-0.000
GR	25.000	1000.000	23.000	1200.000	23.800	1400.000	23.500	1800.000	23.200	1800.000
GR	22.500	1900.000	19.500	2100.000	18.600	2137.000	12.300	2200.000	11.600	2202.000
GR	10.000	2204.000	10.000	2207.000	11.600	2207.000	11.700	2208.000	12.100	2209.000
GR	19.200	2300.000	20.200	2400.000	20.700	2500.000	21.000	2600.000	19.400	2700.000
GR	18.500	2800.000	18.700	2900.000	21.400	3054.000	23.300	3100.000	25.000	3200.000
X1	152.000	25.000	2200.000	2209.000	152.000	152.000	152.000	-0.000	.500	-0.000
GR	25.000	1000.000	23.000	1200.000	23.800	1400.000	23.500	1800.000	23.200	1800.000
GR	22.500	1900.000	19.500	2100.000	18.600	2137.000	12.300	2200.000	11.600	2203.000
GR	10.000	2203.000	10.000	2206.000	12.400	2206.000	11.600	2207.000	12.100	2209.000
GR	19.200	2300.000	20.200	2400.000	20.700	2500.000	21.000	2600.000	19.400	2700.000
GR	18.500	2800.000	18.700	2900.000	21.400	3054.000	23.300	3100.000	25.000	3200.000
NC	.070	.070	.024	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	1.970	2.500	0.000	2.400	0.000	7.100	0.000	10.500	10.000
X1	216.000	23.000	2203.000	2206.000	64.000	64.000	64.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	13.500	18.200	-0.000	-0.000	-0.000	-0.000	-0.000
BT	13.000	1900.000	22.500	0.000	2000.000	21.100	0.000	2137.000	18.600	0.000
BT	2203.000	18.200	13.500	2206.000	18.200	13.500	2300.000	18.900	0.000	2400.000
BT	20.200	0.000	2500.000	21.500	0.000	2600.000	21.500	0.000	2700.000	19.700
BT	0.000	2800.000	18.900	0.000	2900.000	18.700	0.000	3054.000	21.400	0.000
GR	25.000	1000.000	23.000	1200.000	23.800	1400.000	23.500	1800.000	23.200	1800.000
GR	22.500	1900.000	19.500	2100.000	18.600	2137.000	12.300	2200.000	13.500	2203.000
GR	10.500	2203.000	10.500	2206.000	12.900	2206.000	11.600	2207.000	12.100	2209.000
GR	19.200	2300.000	20.200	2400.000	20.700	2500.000	21.000	2600.000	19.400	2700.000
GR	18.500	2800.000	18.700	2900.000	21.400	3054.000	-0.000	-0.000	-0.000	-0.000
NC	.100	.100	.050	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
QT	8.000	90.000	160.000	215.000	360.000	560.000	360.000	360.000	360.000	-0.000
X1	217.000	-0.000	-0.000	-0.000	1.000	1.000	1.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	18.200	18.200	-0.000
EJ	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

11

7.4

5.8

10.0

10.5

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY -FPMBR
 T2 100 YR FLOOD ENCROACHED
 T3 DOSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-10	7	-0	-0	-0.000000	-0.00	-0.0	-0	7.500	-0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRAGE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000

CCHV= .200 CEHV= .400
 2800 NAT Q1= 82.02 WSEL= 6.45 ENC Q1= 82.02 WSEL= 7.45 RATIO= .0001
 NAT Q1= 155 RATIOS LOR,CH,ROB= .2835 .1544 .5621 WSEL= 7.45
 SECNO DEPTH CWSEL CRIWS WSELK EG HV HL OLOSS 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 XLORR ITRIAL IDC ICONT CORAR TOPWID ENDST

3470 ENCROACHMENT STATIONS=	2178.3	2273.3	TYPE=	4	TARGET=	.469
5500.000	6.40	7.50	0.00	6.45	7.57	.07
580	115	133	332	75	36	261
0.00	1.54	3.68	1.27	.150	.060	.150
.003033	0	0	0	0	0	1
						0.00
						95.09
						2178.26
						2273.35

FLOW DISTRIBUTION

STA=	2178	2194	2200	2273
PER 0=	19.9	22.9	57.2	
AREA=	74.9	36.2	260.9	
VEL=	1.5	3.7	1.3	

2800 NAT Q1= 79.22 WSEL= 6.71 ENC Q1= 79.22 WSEL= 7.71 RATIO= 0.0000
 NAT Q1= 151 RATIOS LOR,CH,ROB= .2842 .1563 .5595 WSEL= 7.71

3470 ENCROACHMENT STATIONS=	2179.0	2272.1	TYPE=	4	TARGET=	.475
5500.000	6.26	7.66	0.00	6.71	7.74	.08
580	113	137	329	69	35	247
.01	1.63	3.89	1.33	.150	.060	.150
.003507	50	50	50	2	0	1
						0.00
						93.02
						2179.04
						2272.05

FLOW DISTRIBUTION

STA=	2179	2194	2200	2272
PER 0=	19.5	23.7	56.8	
AREA=	74.9	36.2	260.9	
VEL=	1.5	3.7	1.3	

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

DOSHER CREEK, SOUTHPORT,

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSEL	.01K	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
5500.000	580.00	6.45	6.45	82.02	6.53	260.81	0.00	0.00	6.50	- .00	- .00	6.50
5500.000	580.00	7.50	7.50	105.32	7.57	95.09	2178.26	2273.35	6.45	0.00	0.00	6.45
5550.000	580.00	6.71	6.71	79.22	6.79	256.08	0.00	0.00	0.00	6.50	6.50	0.00
5550.000	580.00	7.66	7.66	97.94	7.74	93.02	2179.04	2272.05	6.71	6.45	6.45	6.71
5600.000	580.00	6.98	6.98	77.51	7.06	253.14	0.00	0.00	0.00	0.00	0.00	0.00
5600.000	580.00	7.84	7.84	92.23	7.93	91.77	2179.48	2271.26	6.98	6.71	6.71	6.98
5700.000	580.00	7.53	7.53	80.15	7.61	257.68	0.00	0.00	0.00	0.00	0.00	0.00
5700.000	580.00	8.24	8.24	89.51	8.33	93.42	2178.99	2272.42	7.53	6.98	6.98	7.53
5937.000	580.00	8.97	8.97	67.33	9.09	233.73	0.00	0.00	0.00	0.00	0.00	0.00
5937.000	580.00	9.47	9.47	68.83	9.64	84.58	2181.40	2265.98	8.97	7.53	7.53	8.97
0000.000	580.00	11.39	11.39	560.16	11.40	373.48	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	580.00	11.89	11.89	544.37	11.90	182.93	2151.74	2334.67	11.39	8.97	8.97	11.39
0005.000	580.00	11.39	11.39	235.76	11.40	364.02	0.00	0.00	0.00	0.00	0.00	0.00
0005.000	580.00	11.89	11.89	229.53	11.90	174.47	2153.82	2328.29	11.39	11.39	11.39	11.39
0300.000	520.00	11.66	11.66	100.30	11.74	165.89	0.00	0.00	0.00	0.00	0.00	0.00
0300.000	520.00	12.15	12.15	113.07	12.23	80.85	2177.44	2258.29	11.66	11.39	11.39	11.66
0560.000	440.00	12.58	12.58	56.60	12.75	127.23	0.00	0.00	0.00	0.00	0.00	0.00
0560.000	440.00	12.88	12.88	61.87	13.05	64.27	2182.77	2247.04	12.58	11.66	11.66	12.58
0800.000	390.00	13.47	13.47	91.37	13.53	158.59	0.00	0.00	0.00	0.00	0.00	0.00
0800.000	390.00	13.69	13.69	93.80	13.76	78.08	2178.33	2256.41	13.47	12.58	12.58	13.47
0000.000	345.00	14.26	14.26	18.69	15.12	56.40	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	345.00	14.56	14.56	15.78	16.37	9.00	2200.00	2209.00	14.26	13.47	13.47	14.26
0152.000	345.00	16.63	16.63	51.55	16.74	99.18	0.00	0.00	0.00	0.00	0.00	0.00
0152.000	345.00	17.57	17.57	72.37	17.65	51.29	2188.16	2239.45	16.63	14.26	14.26	16.63
0216.000	345.00	19.12	19.12	344.38	19.13	378.38	0.00	0.00	0.00	0.00	0.00	0.00
0216.000	345.00	20.07	20.07	426.14	20.07	111.54	2176.32	2287.86	19.12	16.63	16.63	19.12
0217.000	360.00	19.13	19.13	233.86	19.13	378.89	0.00	0.00	0.00	0.00	0.00	0.00
0217.000	360.00	20.07	20.07	290.39	20.07	112.42	2175.91	2288.34	19.13	19.12	19.12	19.13
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH				
5500.000	580.000	6.455	0.000	0.000	0.000	260.813	0.000	0.000				
5500.000	580.000	7.500	1.045	0.000	0.000	95.086	165.727	0.000				
5550.000	580.000	6.710	0.000	.256	0.000	256.082	0.000	50.000				
5550.000	580.000	7.657	.947	.157	.947	93.018	163.064	50.000				
5600.000	580.000	6.982	0.000	.272	0.000	253.138	0.000	50.000				
5600.000	580.000	7.838	.856	.181	.856	91.773	161.365	50.000				
						257.677	0.000	100.000				

Profile	Type	Enc	Target	Top Width Area-Acres	Top Width Area-Diff	Area	Area	Area
5700.000	580.000	8.243	.714	.405	.714	93.420	164.258	100.000
5937.000	580.000	8.969	0.000	1.439	0.000	233.727	0.000	237.000
5937.000	580.000	9.470	.502	1.227	.502	84.582	149.144	237.000
6000.000	580.000	11.391	0.000	2.422	0.000	373.480	0.000	63.000
6000.000	580.000	11.892	.502	2.422	.502	182.928	190.552	63.000
6005.000	580.000	11.391	0.000	.001	0.000	364.022	0.000	5.000
6005.000	580.000	11.893	.501	.001	.501	174.468	189.554	5.000
6300.000	520.000	11.659	0.000	.268	0.000	165.891	0.000	295.000
6300.000	520.000	12.153	.493	.260	.493	80.850	85.042	295.000
7560.000	440.000	12.580	0.000	.920	0.000	127.231	0.000	260.000
7560.000	440.000	12.883	.304	.731	.304	64.265	62.965	260.000
8000.000	390.000	13.475	0.000	.895	0.000	158.587	0.000	240.000
8000.000	390.000	13.693	.218	.810	.218	78.081	80.505	240.000
8000.000	345.000	14.265	0.000	.790	0.000	56.398	0.000	200.000
8000.000	345.000	14.557	.292	.864	.292	9.001	47.397	200.000
8152.000	345.000	16.634	0.000	2.369	0.000	99.176	0.000	152.000
8152.000	345.000	17.575	.941	3.017	.941	51.288	47.888	152.000
8216.000	345.000	19.124	0.000	2.490	0.000	378.383	0.000	64.000
8216.000	345.000	20.065	.941	2.490	.941	111.543	266.840	64.000
8217.000	360.000	19.126	0.000	.001	0.000	378.891	0.000	1.000
8217.000	360.000	20.066	.940	.001	.940	112.422	266.469	1.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.000	0.000	7.574	0.000	
2	4.000	.414	3.242	-4.333	

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

Final - Natural Profiles

oldest Run

Has Q ERRORS

T1 FLOOD INSURANCE STUDY -FPMBR
 T2 10 YEAR FLOOD
 T3 DOSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1	2	-0	-0	.005000	-0.00	-0.0	-0	4.600	-0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNTH	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
J3	1.000	34.000	3.000	4.000	27.000	28.000	9.000	-0.000	-0.000	-0.000
NC	.150	.150	.060	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
QT	5.000	175.000	295.000	415.000	580.000	1050.000	-0.000	-0.000	-0.000	-0.000
X1	6500.000	23.000	2194.000	2200.000	0.000	0.000	0.000	-0.000	-2.800	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.100	2197.000	3.900	2198.000	3.900	2200.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
X1	6550.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
X1	6600.000	-0.000	-0.000	-0.000	50.000	50.000	50.000	-0.000	.300	-0.000
X1	6700.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	.500	-0.000
X1	6937.000	23.000	2194.000	2200.000	237.000	237.000	237.000	-0.000	-0.000	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2198.000	5.900	2200.000	8.200	2300.000
GR	9.500	2400.000	12.800	2500.000	15.600	2600.000	21.900	2700.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
NC	.070	.070	.024	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	2.130	2.500	-0.000	2.000	0.000	3.200	-0.000	-0.000	-0.000
X1	7000.000	23.000	2196.000	2198.000	63.000	63.000	63.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	5.900	10.200	-0.000	-0.000	-0.000	-0.000	-0.000
BT	13.000	1000.000	20.000	0.000	1200.000	16.900	0.000	1600.000	17.500	0.000
BT	1700.000	16.900	0.000	1800.000	14.500	0.000	1900.000	14.000	0.000	2000.000
BT	16.600	0.000	2100.000	10.800	0.000	2196.000	10.200	5.900	2198.000	10.200
BT	5.900	2300.000	10.600	0.000	2400.000	11.200	0.000	2600.000	15.600	-0.000
GR	20.000	1000.000	16.000	1200.000	16.800	1400.000	17.500	1600.000	16.900	1700.000
GR	14.000	1800.000	13.900	1900.000	16.600	2000.000	10.400	2100.000	5.100	2194.000
GR	4.500	2195.000	3.900	2196.000	3.900	2196.000	5.900	2198.000	8.200	2300.000
GR	8.200	2300.000	9.500	2400.000	12.800	2500.000	15.600	2600.000	20.300	2900.000
GR	19.200	3000.000	19.100	3100.000	20.100	3200.000	-0.000	-0.000	-0.000	-0.000
NC	.150	.150	.060	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	7005.000	-0.000	-0.000	-0.000	5.000	5.000	5.000	-0.000	.200	-0.000
			250.000	320.000	520.000	900.000	20.000	-0.000	-0.000	-0.000

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY -FPMBR
 T2 25 YEAR FLOOD
 T3 DOSHER CREEK, SOUTHPORT, N.C.

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FQ
	-10	3	-0	-0	.005000	-0.00	-0.0	-0	5.000	-0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	TBW	CHNIM	ITRACE
	2.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	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	XCOBR	ITRTAL	IDC	ICONT	CORAR	TOPWID	ENDST
6500.000	4.48	5.58	0.00	5.00	5.65	.07	0.00	0.00	2.30
295	93	90	113	96	-25	135	0	0	3
0.00	.97	3.64	.84	.150	.060	.150	0.000	1.10	2135.76
.004937	0	0	0	0	0	5	0.00	178.37	2314.13
6550.000	4.44	5.84	0.00	0.00	5.92	.08	.26	.00	2.60
295	93	92	110	93	24	129	0	0	3
.01	1.00	3.77	.86	.150	.060	.150	.059	1.40	2136.70
.005416	50	50	50	0	0	1	0.00	173.34	2310.04
6600.000	4.41	6.11	0.00	0.00	6.19	.08	.28	.00	2.90
295	93	93	109	91	24	127	1	0	4
.02	1.02	3.83	.86	.150	.060	.150	.059	1.70	2137.04
.005600	50	50	50	2	0	1	0.00	171.55	2308.59
6700.000	4.46	6.66	0.00	0.00	6.73	.07	.54	.00	3.40
295	93	91	112	94	25	132	1	1	4
.03	.98	3.69	.84	.150	.060	.150	.059	2.20	2136.14
.005123	100	100	100	0	0	1	0.00	176.36	2312.49
6937.000	4.21	8.11	0.00	0.00	8.24	.13	1.49	.02	5.10
295	93	103	100	80	22	106	2	2	6
.05	1.15	4.65	.94	.150	.060	.150	.059	3.90	2140.57
.007840	237	237	237	1	0	1	0.00	155.62	2296.19

SPECIAL BRIDGE

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,33,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 50 YEAR FLOOD
 T3 DOSHER CREEK - SOUTHPORT, N.C.

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-10	4	-0	-0	.005000	-0.00	-0.0	-0	5.500	-0.000

J2	NPROF	IPLCT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

CCHV= .200 CEHV= .400

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	DLOB	QCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICDNT	CORAR	TOPWID	ENDST

6500.000	4.90	6.00	0.00	5.50	6.07	.07	0.00	0.00	2.30
415	128	106	182	121	27	189	0	0	3
0.00	1.05	3.89	.96	.150	.060	.150	0.000	1.10	2128.42
.004982	0	0	0	0	0	5	0.00	217.57	2345.98

6550.000	4.85	6.25	0.00	0.00	6.33	.08	.26	.00	2.60
415	128	108	179	118	27	181	0	0	3
.01	1.08	4.02	.99	.150	.060	.150	.059	1.40	2129.32
.005390	50	50	50	0	0	1	0.00	212.74	2342.06

6600.000	4.83	6.53	0.00	0.00	6.61	.08	.28	.00	2.90
415	128	109	178	116	27	177	1	0	4
.02	1.10	4.09	1.00	.150	.060	.150	.059	1.70	2129.85
.005646	50	50	50	1	0	1	0.00	209.94	2339.79

6700.000	4.88	7.08	0.00	0.00	7.15	.07	.54	.00	3.40
415	128	107	180	119	27	184	1	1	4
.03	1.07	3.96	.98	.150	.060	.150	.059	2.20	2128.93
.005208	100	100	100	0	0	1	0.00	214.84	2343.77

6937.000	4.62	8.52	0.00	0.00	8.65	.12	1.48	.02	5.10
415	128	120	166	104	25	152	3	2	6
.06	1.23	4.90	1.09	.150	.060	.150	.059	3.90	2133.23
.007578	237	237	237	1	0	1	0.00	191.89	2325.12

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 100 YEAR FLOOD
 T3 DOSHER CREEK - SOUTHPORT, N.C.

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-10	5	-0	-0	.005000	-0.00	-0.0	-0	5.900	-0.000

J2	PRQF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	15.000

CCHV= .200 CENV= .400

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	LOSS	BANK ELEV
0	GLOB	DCH	GROB	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
6500.000	5.36	6.46	0.00	5.90	6.53	.07	0.00	0.00	2.30
580	174	124	281	153	30	264	0	0	3
0.00	1.14	4.15	1.07	.150	.060	.150	0.000	1.10	2120.27
.004985	0	0	0	0	0	5	0.00	261.03	2381.30

FLOW DISTRIBUTION

STA=	2120	2194	2200	2300	2381
PER O=	30.1	21.4	45.1	3.4	
AREA=	153.2	29.9	220.7	43.0	
VEL=	1.1	4.2	1.2	.5	
6550.000	5.31	6.71	0.00	0.00	6.79
580	175	127	279	150	30
.01	1.17	4.27	1.09	.150	.060
.005349	50	50	50	0	1
					0.00
					256.22
					2377.40

FLOW DISTRIBUTION

STA=	2121	2194	2200	2300	2377
PER O=	30.1	21.8	44.9	3.1	
AREA=	149.5	29.6	215.6	38.9	
VEL=	1.2	4.3	1.2	.5	
5600.000	5.28	6.98	0.00	0.00	7.06
580	175	128	277	147	29
.02	1.19	4.35	1.11	.150	.060
.005592	50	50	50	1	0
					1
					0.00
					253.23
					2374.96

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 51,52,53,54,55,56,57,58,99

T1 FLOOD INSURANCE STUDY - FPMBR
 T2 500 YEAR FLOOD
 T3 DOSHER CREEK - SOUTHPORT, N.C.

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10	6	-0	-0	.005000	-0.00	-0.0	-0	6.800	-0.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

GCHV= .200 CEHV= .400

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OCLOSS	BANK ELEV
Q	OLOB	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

5500.000	6.28	7.38	0.00	6.80	7.46	.07	0.00	0.00	2.30
1050	299	165	586	229	36	454	0	0	3
0.00	1.30	4.66	1.29	.150	.060	.150	0.000	1.10	2103.81
.004995	0	0	0	0	0	5	0.00	316.94	2420.75

5550.000	6.24	7.64	0.00	0.00	7.72	.08	.26	.00	2.60
1050	300	168	583	225	35	443	1	0	3
.01	1.33	4.77	1.32	.150	.060	.150	.059	1.40	2104.71
.005295	50	50	50	0	0	1	0.00	314.53	2419.23

5600.000	6.21	7.91	0.00	0.00	7.99	.08	.27	.00	2.90
1050	300	170	580	222	35	436	2	1	4
.01	1.35	4.85	1.33	.150	.060	.150	.059	1.70	2105.32
.005512	50	50	50	1	0	1	0.00	312.87	2418.19

5700.000	6.25	8.45	0.00	0.00	8.53	.08	.54	.00	3.40
1050	299	168	583	225	35	444	3	1	4
.03	1.33	4.75	1.31	.150	.060	.150	.059	2.20	2104.60
.005259	100	100	100	0	0	1	0.00	314.81	2419.41

5937.000	5.97	9.87	0.00	0.00	9.99	.12	1.45	.02	5.10
1050	302	188	560	202	33	386	7	3	6
.06	1.50	5.76	1.45	.150	.060	.150	.059	3.90	2109.37
.007167	237	237	237	2	0	1	0.00	301.89	2411.26

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

DOSHER CREEK - SOUTHPORT

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSEL	.01K	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
6500.000	175.00	4.98	4.98	24.85	5.05	135.48	0.00	0.00	4.60	0.00	0.00	4.60
6500.000	295.00	5.58	5.58	41.98	5.65	178.37	0.00	0.00	5.00	0.00	0.00	5.00
6500.000	415.00	6.00	6.00	58.80	6.07	217.57	0.00	0.00	5.50	0.00	0.00	5.50
6500.000	580.00	6.46	6.46	82.15	6.53	261.03	0.00	0.00	5.90	0.00	0.00	5.90
6500.000	1050.00	7.38	7.38	148.56	7.46	316.94	0.00	0.00	6.80	0.00	0.00	6.80
6550.000	175.00	5.24	5.24	23.69	5.32	132.29	0.00	0.00	0.00	4.60	4.60	0.00
6550.000	295.00	5.84	5.84	40.08	5.92	173.34	0.00	0.00	0.00	5.00	5.00	0.00
6550.000	415.00	6.25	6.25	56.52	6.33	212.74	0.00	0.00	0.00	5.50	5.50	0.00
6550.000	580.00	6.71	6.71	79.30	6.79	256.22	0.00	0.00	0.00	5.90	5.90	0.00
6550.000	1050.00	7.64	7.64	144.30	7.72	314.53	0.00	0.00	0.00	6.80	6.80	0.00
6600.000	175.00	5.51	5.51	23.33	5.60	131.27	0.00	0.00	0.00	0.00	0.00	0.00
6600.000	295.00	6.11	6.11	39.42	6.19	171.55	0.00	0.00	0.00	0.00	0.00	0.00
6600.000	415.00	6.53	6.53	55.23	6.61	209.94	0.00	0.00	0.00	0.00	0.00	0.00
6600.000	580.00	6.98	6.98	77.56	7.06	253.23	0.00	0.00	0.00	0.00	0.00	0.00
6600.000	1050.00	7.91	7.91	141.43	7.99	312.87	0.00	0.00	0.00	0.00	0.00	0.00
6700.000	175.00	6.06	6.06	24.52	6.13	134.58	0.00	0.00	0.00	0.00	0.00	0.00
6700.000	295.00	6.66	6.66	41.22	6.73	176.36	0.00	0.00	0.00	0.00	0.00	0.00
6700.000	415.00	7.08	7.08	57.51	7.15	214.84	0.00	0.00	0.00	0.00	0.00	0.00
6700.000	580.00	7.53	7.53	80.15	7.61	257.68	0.00	0.00	0.00	0.00	0.00	0.00
6700.000	1050.00	8.45	8.45	144.79	8.53	314.81	0.00	0.00	0.00	0.00	0.00	0.00
6937.000	175.00	7.52	7.52	19.49	7.65	119.67	0.00	0.00	0.00	0.00	0.00	0.00
6937.000	295.00	8.11	8.11	33.32	8.24	155.62	0.00	0.00	0.00	0.00	0.00	0.00
6937.000	415.00	8.52	8.52	47.67	8.65	191.89	0.00	0.00	0.00	0.00	0.00	0.00
6937.000	580.00	8.97	8.97	67.34	9.09	233.75	0.00	0.00	0.00	0.00	0.00	0.00
6937.000	1050.00	9.87	9.87	124.03	9.99	301.89	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	175.00	10.87	10.87	429.76	10.87	349.06	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	295.00	11.06	11.06	475.79	11.06	358.07	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	415.00	11.22	11.22	514.19	11.22	365.25	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	580.00	11.39	11.39	560.16	11.40	373.48	0.00	0.00	0.00	0.00	0.00	0.00
7000.000	1050.00	11.79	11.79	670.74	11.80	391.94	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	175.00	10.87	10.87	178.58	10.87	339.75	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	295.00	11.06	11.06	198.78	11.06	348.73	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	415.00	11.22	11.22	215.62	11.22	355.86	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	580.00	11.39	11.39	235.76	11.40	364.02	0.00	0.00	0.00	0.00	0.00	0.00
7005.000	1050.00	11.79	11.79	284.75	11.80	382.47	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	140.00	10.91	10.91	67.75	10.92	137.74	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	250.00	11.16	11.16	77.34	11.19	146.19	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	350.00	11.38	11.38	86.86	11.43	154.73	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	520.00	11.66	11.66	100.30	11.74	165.89	0.00	0.00	0.00	0.00	0.00	0.00
7300.000	900.00	12.33	12.33	141.28	12.47	217.05	0.00	0.00	0.00	0.00	0.00	0.00

SECTION NUMBER	DISCHARGE (CFS)	CWSEL	CWSEL	.01K	EG	TOPWID	STENCL	STENCR	WSELK	CL	CL	WSELK
0560.000	130.00	11.10	11.10	20.89	11.19	79.51	0.00	0.00	0.00	0.00	0.00	0.00
0560.000	220.00	11.59	11.59	30.25	11.73	95.38	0.00	0.00	0.00	0.00	0.00	0.00
0560.000	320.00	12.02	12.02	40.52	12.19	109.38	0.00	0.00	0.00	0.00	0.00	0.00
0560.000	440.00	12.58	12.58	56.60	12.75	127.23	0.00	0.00	0.00	0.00	0.00	0.00
0560.000	800.00	13.60	13.60	97.64	13.82	163.75	0.00	0.00	0.00	0.00	0.00	0.00
0800.000	115.00	11.69	11.69	32.18	11.72	98.22	0.00	0.00	0.00	0.00	0.00	0.00
0800.000	195.00	12.35	12.35	49.56	12.39	119.89	0.00	0.00	0.00	0.00	0.00	0.00
0800.000	280.00	12.90	12.90	67.56	12.96	137.57	0.00	0.00	0.00	0.00	0.00	0.00
0800.000	390.00	13.47	13.47	91.37	13.53	158.59	0.00	0.00	0.00	0.00	0.00	0.00
0800.000	700.00	14.60	14.60	159.52	14.60	237.26	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	100.00	12.64	12.64	4.41	13.31	19.26	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	175.00	13.35	13.35	8.97	14.08	35.50	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	250.00	13.82	13.82	13.33	14.61	46.21	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	345.00	14.26	14.26	18.69	15.12	56.40	0.00	0.00	0.00	0.00	0.00	0.00
0000.000	620.00	15.16	15.16	33.55	16.17	76.88	0.00	0.00	0.00	0.00	0.00	0.00
0152.000	100.00	14.81	14.81	16.13	14.88	57.44	0.00	0.00	0.00	0.00	0.00	0.00
0152.000	175.00	15.55	15.55	27.25	15.63	74.21	0.00	0.00	0.00	0.00	0.00	0.00
0152.000	250.00	16.09	16.09	38.11	16.18	86.64	0.00	0.00	0.00	0.00	0.00	0.00
0152.000	345.00	16.63	16.63	51.55	16.74	99.18	0.00	0.00	0.00	0.00	0.00	0.00
0152.000	620.00	17.78	17.78	88.56	17.91	125.32	0.00	0.00	0.00	0.00	0.00	0.00
0216.000	100.00	18.55	18.55	266.52	18.56	188.40	0.00	0.00	0.00	0.00	0.00	0.00
0216.000	175.00	18.85	18.85	303.00	18.85	317.04	0.00	0.00	0.00	0.00	0.00	0.00
0216.000	250.00	19.00	19.00	323.82	19.00	349.20	0.00	0.00	0.00	0.00	0.00	0.00
0216.000	345.00	19.12	19.12	344.38	19.13	378.38	0.00	0.00	0.00	0.00	0.00	0.00
0216.000	620.00	19.40	19.40	395.92	19.41	456.94	0.00	0.00	0.00	0.00	0.00	0.00
0217.000	90.00	18.56	18.56	180.04	18.56	189.62	0.00	0.00	0.00	0.00	0.00	0.00
0217.000	160.00	18.85	18.85	205.22	18.85	317.50	0.00	0.00	0.00	0.00	0.00	0.00
0217.000	215.00	19.00	19.00	219.62	19.00	349.68	0.00	0.00	0.00	0.00	0.00	0.00
0217.000	360.00	19.13	19.13	233.86	19.13	378.89	0.00	0.00	0.00	0.00	0.00	0.00
0217.000	560.00	19.40	19.40	269.65	19.41	457.61	0.00	0.00	0.00	0.00	0.00	0.00

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0500.000	175.000	4.983	0.000	0.000	0.000	135.482	0.000	0.000
0500.000	295.000	5.584	.600	0.000	0.000	178.371	-42.889	0.000
0500.000	415.000	5.998	.414	0.000	0.000	217.567	-82.085	0.000
0500.000	580.000	6.457	.459	0.000	0.000	261.029	-125.547	0.000
0500.000	1050.000	7.385	.928	0.000	0.000	316.940	-181.458	0.000
0550.000	175.000	5.239	0.000	.256	5.239	132.290	0.000	50.000
0550.000	295.000	5.838	.599	.254	5.838	173.340	-41.049	50.000
0550.000	415.000	6.253	.415	.255	6.253	212.745	-80.454	50.000
0550.000	580.000	6.712	.459	.255	6.712	256.224	-123.934	50.000
0550.000	1050.000	7.639	.928	.255	7.639	314.526	-182.235	50.000
0600.000	175.000	5.515	0.000	.276	5.515	131.269	0.000	50.000
0600.000	295.000	6.112	.597	.274	6.112	171.552	-40.283	50.000
0600.000	415.000	6.527	.415	.274	6.527	209.943	-78.674	50.000
0600.000	580.000	6.983	.450	.271	6.983	253.228	-121.959	50.000
0600.000	1050.000	7.908	.924	.268	7.908	312.872	-181.603	50.000
0700.000	175.000	6.059	0.000	.544	6.059	134.584	0.000	100.000
0700.000	295.000	6.655	.597	.544	6.655	176.357	-41.773	100.000
0700.000	415.000	7.076	.421	.550	7.076	214.842	-80.258	100.000
0700.000	580.000	7.530	.454	.547	7.530	257.679	-123.095	100.000

6700.000	1050.000	8.450	.920	.543	8.450	314.807	-180.224	100.000
6937.000	175.000	7.525	0.000	1.466	7.525	119.674	0.000	237.000
6937.000	295.000	8.108	.584	1.453	8.108	155.617	-35.943	237.000
6937.000	415.000	8.523	.415	1.447	8.523	191.893	-72.219	237.000
6937.000	580.000	8.969	.446	1.439	8.969	233.754	-114.081	237.000
6937.000	1050.000	9.872	.903	1.422	9.872	301.889	-182.215	237.000
0000.000	175.000	10.869	0.000	3.344	10.869	349.061	0.000	63.000
0000.000	295.000	11.062	.193	2.953	11.062	358.071	-9.010	63.000
0000.000	415.000	11.215	.153	2.692	11.215	365.247	-16.186	63.000
0000.000	580.000	11.391	.175	2.422	11.391	373.480	-24.420	63.000
0000.000	1050.000	11.787	.396	1.915	11.787	391.942	-42.881	63.000
0005.000	175.000	10.869	0.000	.000	10.869	339.752	0.000	5.000
0005.000	295.000	11.062	.193	.000	11.062	348.729	-8.977	5.000
0005.000	415.000	11.216	.154	.000	11.216	355.862	-16.110	5.000
0005.000	580.000	11.391	.176	.001	11.391	364.022	-24.270	5.000
0005.000	1050.000	11.789	.397	.002	11.789	382.474	-42.722	5.000
0300.000	140.000	10.910	0.000	.041	10.910	137.737	0.000	295.000
0300.000	250.000	11.159	.249	.097	11.159	146.191	-8.454	295.000
0300.000	350.000	11.376	.217	.160	11.376	154.731	-16.995	295.000
0300.000	520.000	11.659	.283	.268	11.659	165.892	-28.155	295.000
0300.000	900.000	12.334	.675	.546	12.334	217.046	-79.309	295.000
0560.000	130.000	11.104	0.000	.195	11.104	79.514	0.000	260.000
0560.000	220.000	11.594	.489	.435	11.594	95.380	-15.866	260.000
0560.000	320.000	12.025	.431	.649	12.025	109.376	-29.862	260.000
0560.000	440.000	12.580	.555	.920	12.580	127.231	-47.717	260.000
0560.000	800.000	13.604	1.024	1.269	13.604	163.755	-84.241	260.000
0800.000	115.000	11.685	0.000	.581	11.685	98.225	0.000	240.000
0800.000	195.000	12.351	.666	.758	12.351	119.893	-21.668	240.000
0800.000	280.000	12.905	.553	.880	12.905	137.566	-39.341	240.000
0800.000	390.000	13.475	.570	.895	13.475	158.587	-60.362	240.000
0800.000	700.000	14.598	1.123	.994	14.598	237.255	-139.030	240.000
0000.000	100.000	12.637	0.000	.952	12.637	19.257	0.000	200.000
0000.000	175.000	13.349	.712	.998	13.349	35.499	-16.242	200.000
0000.000	250.000	13.818	.469	.914	13.818	46.207	-26.950	200.000
0000.000	345.000	14.265	.447	.790	14.265	56.398	-37.141	200.000
0000.000	620.000	15.163	.898	.565	15.163	76.882	-57.626	200.000
0152.000	100.000	14.811	0.000	2.173	14.811	57.443	0.000	152.000
0152.000	175.000	15.550	.739	2.201	15.550	74.205	-16.762	152.000
0152.000	250.000	16.091	.541	2.272	16.091	86.642	-29.198	152.000
0152.000	345.000	16.634	.543	2.369	16.634	99.176	-41.732	152.000
0152.000	620.000	17.785	1.151	2.622	17.785	125.315	-67.872	152.000
0216.000	100.000	18.555	0.000	3.744	18.555	188.400	0.000	64.000
0216.000	175.000	18.852	.297	3.302	18.852	317.042	-128.642	64.000
0216.000	250.000	18.995	.143	2.904	18.995	349.196	-160.797	64.000
0216.000	345.000	19.124	.129	2.490	19.124	378.383	-189.983	64.000
0216.000	620.000	19.397	.273	1.613	19.397	456.936	-268.536	64.000
0217.000	90.000	18.555	0.000	.000	18.555	189.622	0.000	1.000
0217.000	160.000	18.853	.297	.001	18.853	317.503	-127.881	1.000
0217.000	215.000	18.997	.144	.002	18.997	349.681	-160.059	1.000
0217.000	360.000	19.126	.129	.001	19.126	378.891	-189.269	1.000
0217.000	560.000	19.404	.278	.007	19.404	457.607	-267.985	1.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1	0.000	0.000	5,024	0.000
2	0.000	0.000	5,947	,923
3	0.000	0.000	6,707	1,684
4	0.000	0.000	7,575	2,551
5	0.000	0.000	9,450	4,427