SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
1200.00	1200.00	0.0	0.0	209.00	2820.00	216.92	511.87	217.05	305.62	0.0	0.0	4.52
1200.00	1200.00	0.0	0.0	209.00	2820.00	217.92	522.46	218.10	150.95	309.53	460.48	4.83
2750.00	1550.00	0.0	0.0	213.90	2820.00	221.51	520.61	221.69	292.21	0.0	0.0	4.85
2750.00	1550.00	0.0	0.0	213.90	2820.00	222.34	527.77	222.60	123.61	152.77	276.39	5.16
2800.00	50.00	0.0	0.0	213.60	2820.00	220.36	152.36	222.68	46.00	0.0	0.0	12.22
2800.00	50.00	0.0	0.0	213.60	2820.00	221.83	225.13	223.22	46.00	150.00	196.00	9.46
2825.00	25.00	0.0	0.0	213.60	2820.00	220.81	174.18	222.76	46.00	0.0	0.0	11.20
2825.00	25.00	0.0	0.0	213.60	2820.00	222.28	249.14	223.49	46.00	150.00	196.00	8.85
2875.00	50.00	0.0	0.0	214.30	2820.00	223.03	769.19	223.13	326.97	0.0	0.0	3.63
2875.00	50.00	0.0	0.0	214.30	2820.00	223.62	711.29	223.77	145.15	149.40	294.55	4.11
4995.00	2120.00	0.0	0.0	219.60	2820.00	228.86	284.10	229.31	299.94	0.0	0.0	7.96
4995.00	2120.00	0.0	0.0	219.60	2820.00	229.83	308.57	230.37	136.90	232.19	369.09	7.97
7595.00	2600.00	0.0	0.0	228.30	2370.00	236.65	692.49	236.70	388.36	0.0	0.0	2.83
7595.00	2600.00	0.0	0.0	228.30	2370.00	237.54	678.27	237.61	221.16	167.50	388.67	3.14

	SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
A	1200.000	2820.000	216.923	0.0	0.0	0.0	305.616	0.0	1200.000
	1200.000	2820.000	217.920	0.997	0.0	0.0	150.955	154.662	1200.000
B	2750.000	2820.000	221.507	0.0	4.583	0.0	292.207	0.0	1550.000
	2750.000	2820.000	222.338	0.831	4.418	0.0	123.611	168.595	1550.000
	2800.000	2820.000	220.364	0.0	-1.143	0.0	46.000	0.0	50.000
	2800.000	2820.000	221.826	1.463	-0.511	0.0	46.000	0.0	50.000
	2825.000	2820.000	220.814	0.0	0.450	0.0	46.000	0.0	25.000
	2825.000	2820.000	222.277	1.463	0.450	0.0	46.000	0.0	25.000
C	2875.000	2820.000	223.029	0.0	2.215	0.0	326.972	0.0	50.000
	2875.000	2820.000	223.615	0.586	1.339	0.0	145.155	181.817	50.000
D	4995.000	2820.000	228.859	0.0	5.830	0.0	299.944	0.0	2120.000
	4995.000	2820.000	229.827	0.968	6.212	0.0	136.905	163.039	2120.000
E	7595.000	2370.000	236.650	0.0	7.791	0.0	388.356	0.0	2600.000
	7595.000	2370.000	237.542	0.893	7.716	0.0	221.164	167.192	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	46.868	0.0
2	4.000	0.301	22.668	-24.200

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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      100 YEAR FLOODWAY

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      -10.       6.        0.        0.  0.0           0.0       0.0       0.   217.920     0.0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     15.000     0.0      -1.000     0.0       0.0       0.0       0.0       0.0       0.0       0.0


CCHV=   0.100 CEHV=   0.300
 2800 NAT Q1=     511.87  WSEL=     216.92  ENC Q1=     511.87  WSEL=     217.92  RATIO=  0.0
 NAT Q1=     741.  RATIOS LOB,CH,ROB=  0.5350  0.1473  0.3178  WSEL=     217.92
   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     309.5     460.5  TYPE=     4  TARGET=     0.309
 1200.00      8.92    217.92      0.0     216.92    218.10      0.18       0.0       0.0    212.90
    2820.    1352.     588.      879.      475.      122.      278.        0.        0.    211.90
     0.0      2.85      4.83      3.16     0.085     0.060     0.085       0.0    209.00    309.53
0.002913     1200.     1200.     1200.         0         0         1       0.0    150.95    460.48


 2800 NAT Q1=     520.61  WSEL=     221.51  ENC Q1=     520.61  WSEL=     222.51  RATIO=  0.0
 NAT Q1=     740.  RATIOS LOB,CH,ROB=  0.1206  0.3262  0.5532  WSEL=     222.51

3470 ENCROACHMENT STATIONS=     152.8     276.4  TYPE=     4  TARGET=     0.296
 2750.00      8.44    222.34      0.0     221.51    222.60      0.26      4.47      0.02    215.50
    2820.     290.     1244.     1286.      96.       241.      433.       29.        5.    215.60
     0.11     3.03      5.16      2.97     0.085     0.060     0.085     0.060    213.90    152.77
0.002855     1550.     1550.     1550.         4         0         1       0.0    123.61    276.39


IHC209I IBCOM - PROGRAM INTERRUPT (P) - DIVIDE CHECK OLD PSW IS  FFB5000F4207CA7C . REGISTER CONTAINED   0000000000000000

TRACEBACK  ROUTINE  CALLED FROM ISN   REG.  14   REG.  15   REG.   0   REG.   1

               MAIN                  00012962   01075BC0   FD000008   000F1FF8

ENTRY POINT=  01075BC0

STANDARD FIXUP TAKEN , EXECUTION CONTINUING
 2800 NAT Q1=     152.36  WSEL=     220.36  ENC Q1=     201.18  WSEL=     221.36  RATIO= -0.3204
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QT	5.000	900.000	1800.000	2370.000	4550.000	2370.000	0.0	0.0	0.0	0.0
X1	7595.000	20.000	265.000	279.000	2600.000	2600.000	2600.000	0.0	0.0	0.0
GR	243.900	0.0	237.200	100.000	233.700	108.000	233.200	158.000	229.800	160.000
GR	228.300	163.000	229.000	166.000	229.800	170.000	232.800	171.000	232.400	200.000
GR	231.400	265.000	229.000	268.000	228.500	270.000	229.000	272.000	231.800	279.000
GR	231.800	300.000	233.600	400.000	234.600	478.000	238.500	500.000	247.400	592.000
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1 TRIB. 7 BASIN 6 NEUSE RIVER TRIB.
T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.003000	0.0	0.0	0.	216.000	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J3	1.000	34.000	3.000	4.000	27.000	28.000	26.000	0.0	0.0	0.0
NC	0.085	0.085	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	1080.000	2150.000	2820.000	5240.000	2820.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	1200.000	14.000	400.000	415.000	1200.000	1200.000	1200.000	0.0	0.0	0.0
GR	227.200	0.0	223.500	100.000	217.200	200.000	212.400	300.000	212.900	400.000
GR	209.600	403.000	209.000	404.000	209.000	408.000	209.600	413.000	211.900	415.000
GR	211.600	451.000	215.500	500.000	218.000	520.000	227.000	610.000	0.0	0.0
X1	2750.000	13.000	169.000	200.000	1550.000	1550.000	1550.000	0.0	-0.400	0.0
GR	231.600	40.000	226.100	100.000	218.700	145.000	215.900	169.000	214.800	171.000
GR	214.500	177.000	214.300	182.000	214.800	187.000	216.000	200.000	218.800	300.000
GR	221.200	400.000	225.200	500.000	230.000	600.000	0.0	0.0	0.0	0.0
X1	2800.000	16.000	150.000	196.000	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	222.900	221.600	0.0
GR	230.700	0.0	226.300	100.000	224.400	150.000	218.200	150.000	215.300	165.000
GR	214.600	169.000	213.600	175.000	214.000	180.000	214.600	184.000	216.100	196.000
GR	223.000	196.000	222.800	200.000	222.700	300.000	224.500	400.000	227.500	500.000
GR	231.100	600.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.600	0.0	46.000	2.000	317.500	0.0	0.0	0.0
X1	2825.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	222.900	222.700	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	224.400	223.000	0.0
BT	9.000	0.0	230.700	0.0	100.000	226.300	0.0	150.000	224.400	222.900
BT	196.000	223.000	221.600	200.000	222.800	0.0	300.000	222.700	0.0	400.000
BT	224.500	0.0	500.000	227.500	0.0	600.000	231.100	0.0	0.0	0.0
X1	2875.000	13.000	169.000	200.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	231.600	40.000	226.100	100.000	218.700	145.000	215.900	169.000	214.800	171.000
GR	214.500	177.000	214.300	182.000	214.800	187.000	216.000	200.000	218.800	300.000
GR	221.200	400.000	225.200	500.000	230.000	600.000	0.0	0.0	0.0	0.0
X1	4995.000	12.000	270.000	288.000	2120.000	2120.000	2120.000	0.0	0.0	0.0
GR	240.000	0.0	225.500	270.000	220.700	275.000	219.800	278.000	219.600	281.000
GR	220.700	284.000	225.500	288.000	226.000	300.000	226.300	400.000	227.800	500.000
GR	238.000	572.000	241.000	608.000	0.0	0.0	0.0	0.0	0.0	0.0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOODWAY

	SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
A	1200.00	1200.00	0.0	0.0	209.00	2820.00	216.92	511.87	217.05	305.62	0.0	0.0	4.52
	1200.00	1200.00	0.0	0.0	209.00	2820.00	217.92	522.46	218.10	150.95	309.53	460.48	4.83
B	2750.00	1550.00	0.0	0.0	213.90	2820.00	221.51	520.61	221.69	292.21	0.0	0.0	4.85
	2750.00	1550.00	0.0	0.0	213.90	2820.00	222.34	527.77	222.60	123.61	152.77	276.39	5.16
	2800.00	50.00	0.0	0.0	213.60	2820.00	220.36	152.36	222.68	46.00	0.0	0.0	12.22
	2800.00	50.00	0.0	0.0	213.60	2820.00	221.83	225.13	223.22	46.00	150.00	196.00	9.46
	2825.00	25.00	0.0	0.0	213.60	2820.00	220.81	174.18	222.76	46.00	0.0	0.0	11.20
	2825.00	25.00	0.0	0.0	213.60	2820.00	222.28	249.14	223.49	46.00	150.00	196.00	8.85
C	2875.00	50.00	0.0	0.0	214.30	2820.00	223.03	769.19	223.13	326.97	0.0	0.0	3.63
	2875.00	50.00	0.0	0.0	214.30	2820.00	223.62	711.29	223.77	145.15	149.40	294.55	4.11
D	4995.00	2120.00	0.0	0.0	219.60	2820.00	228.86	284.10	229.31	299.94	0.0	0.0	7.96
	4995.00	2120.00	0.0	0.0	219.60	2820.00	229.83	308.57	230.37	136.90	232.19	369.09	7.97
E	7595.00	2600.00	0.0	0.0	228.30	2370.00	236.65	692.49	236.70	388.36	0.0	0.0	2.83
	7595.00	2600.00	0.0	0.0	228.30	2370.00	237.54	678.27	237.61	221.16	167.50	388.67	3.14

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	2820.000	216.923	0.0	0.0	0.0	305.616	0.0	1200.000
1200.000	2820.000	217.920	0.997	0.0	0.0	150.955	154.662	1200.000
2750.000	2820.000	221.507	0.0	4.583	0.0	292.207	0.0	1550.000
2750.000	2820.000	222.338	0.831	4.418	0.0	123.611	168.595	1550.000
2800.000	2820.000	220.364	0.0	-1.143	0.0	46.000	0.0	50.000
2800.000	2820.000	221.826	1.463	-0.511	0.0	46.000	0.0	50.000
2825.000	2820.000	220.814	0.0	0.450	0.0	46.000	0.0	25.000
2825.000	2820.000	222.277	1.463	0.450	0.0	46.000	0.0	25.000
2875.000	2820.000	223.029	0.0	2.215	0.0	326.972	0.0	50.000
2875.000	2820.000	223.615	0.586	1.339	0.0	145.155	181.817	50.000
4995.000	2820.000	228.859	0.0	5.830	0.0	299.944	0.0	2120.000
4995.000	2820.000	229.827	0.968	6.212	0.0	136.905	163.039	2120.000
7595.000	2370.000	236.650	0.0	7.791	0.0	388.356	0.0	2600.000
7595.000	2370.000	237.542	0.893	7.716	0.0	221.164	167.192	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	46.868	0.0
2	4.000	0.301	22.668	-24.200

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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      100 YEAR FLOODWAY

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      -10.       6.        0.        0.  0.0           0.0       0.0       0.  217.920     0.0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     15.000     0.0      -1.000     0.0       0.0       0.0       0.0       0.0       0.0       0.0


CCHV=  0.100 CEHV=  0.300
 2800 NAT Q1=    511.87  WSEL=    216.92  ENC Q1=    511.87  WSEL=    217.92  RATIO=  0.0
 NAT Q1=    741.  RATIOS LOB,CH,ROB=  0.5350  0.1473  0.3178  WSEL=    217.92
   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     309.5     460.5  TYPE=     4  TARGET=     0.309
 1200.00      8.92    217.92       0.0    216.92    218.10      0.18       0.0       0.0    212.90
    2820.    1352.     588.      879.      475.      122.      278.        0.        0.    211.90
     0.0      2.85      4.83      3.16     0.085     0.060     0.085       0.0    209.00    309.53
0.002913     1200.     1200.     1200.         0         0         1       0.0    150.95    460.48


 2800 NAT Q1=    520.61  WSEL=    221.51  ENC Q1=    520.61  WSEL=    222.51  RATIO=  0.0
 NAT Q1=    740.  RATIOS LOB,CH,ROB=  0.1206  0.3262  0.5532  WSEL=    222.51

3470 ENCROACHMENT STATIONS=     152.8     276.4  TYPE=     4  TARGET=     0.296
 2750.00      8.44    222.34       0.0    221.51    222.60      0.26      4.47      0.02    215.50
    2820.     290.     1244.     1286.      96.      241.      433.       29.        5.    215.60
     0.11      3.03      5.16      2.97     0.085     0.060     0.085     0.060    213.90    152.77
0.002855     1550.     1550.     1550.         4         0         1       0.0    123.61    276.39


IHC209I IBCOM - PROGRAM INTERRUPT (P) - DIVIDE CHECK OLD PSW IS  FF75000F4205D27C . REGISTER CONTAINED   0000000000000000

TRACEBACK  ROUTINE  CALLED FROM ISN   REG.  14   REG.  15   REG.   0   REG.   1

             MAIN                    0001BEEA   010563C0   FD000008   000D27F8

ENTRY POINT=  010563C0

STANDARD FIXUP TAKEN , EXECUTION CONTINUING
 2800 NAT Q1=    152.36  WSEL=    220.36  ENC Q1=    201.18  WSEL=    221.36  RATIO= -0.3204
```

QT	5.000	900.000	1800.000	2370.000	4550.000	2370.000	0.0	0.0	0.0	0.0
X1	7595.000	20.000	265.000	279.000	2600.000	2600.000	2600.000	0.0	0.0	0.0
GR	243.900	0.0	237.200	100.000	233.700	108.000	233.200	158.000	229.800	160.000
GR	228.300	163.000	229.000	166.000	229.800	170.000	232.800	171.000	232.400	200.000
GR	231.400	265.000	229.000	268.000	228.500	270.000	229.000	272.000	231.800	279.000
GR	231.800	300.000	233.600	400.000	234.600	478.000	238.500	500.000	247.400	592.000
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      100 YEAR FLOOD WATER SURFACE PROFILE
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	J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		0.	4.	0.	0.	0.003000	0.0	0.0	0.	216.000	0.0
	J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
		0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	J3	1.000	34.000	3.000	4.000	27.000	28.000	26.000	0.0	0.0	0.0
	NC	0.085	0.085	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0
	QT	5.000	1080.000	2150.000	2820.000	5240.000	2820.000	0.0	0.0	0.0	0.0
	ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
	X1	1200.000	14.000	400.000	415.000	1200.000	1200.000	1200.000	0.0	0.0	0.0
A	GR	227.200	0.0	223.500	100.000	217.200	200.000	212.400	300.000	212.900	400.000
A	GR	209.600	403.000	209.000	404.000	209.000	408.000	209.600	413.000	211.900	415.000
A	GR	211.600	451.000	215.500	500.000	218.000	520.000	227.000	610.000	0.0	0.0
	X1	2750.000	13.000	169.000	200.000	1550.000	1550.000	1550.000	0.0	-0.400	0.0
B	GR	231.600	40.000	226.100	100.000	218.700	145.000	215.900	169.000	214.800	171.000
B	GR	214.500	177.000	214.300	182.000	214.800	187.000	216.000	200.000	218.800	300.000
B	GR	221.200	400.000	225.200	500.000	230.000	600.000	0.0	0.0	0.0	0.0
	X1	2800.000	16.000	150.000	196.000	50.000	50.000	50.000	0.0	0.0	0.0
	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	222.900	221.600	0.0
	GR	230.700	0.0	226.300	100.000	224.400	150.000	218.200	150.000	215.300	165.000
	GR	214.600	169.000	213.600	175.000	214.000	180.000	214.600	184.000	216.100	196.000
	GR	223.000	196.000	222.800	200.000	222.700	300.000	224.500	400.000	227.500	500.000
	GR	231.100	600.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SB	0.900	1.500	2.600	0.0	46.000	2.000	317.500	0.0	0.0	0.0
	X1	2825.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.0	0.0
	X2	0.0	0.0	1.000	222.900	222.700	0.0	0.0	0.0	0.0	0.0
	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	224.400	223.000	0.0
	BT	9.000	0.0	230.700	0.0	100.000	226.300	0.0	150.000	224.400	222.900
	BT	196.000	223.000	221.600	200.000	222.800	0.0	300.000	222.700	0.0	400.000
	BT	224.500	0.0	500.000	227.500	0.0	600.000	231.100	0.0	0.0	0.0
	X1	2875.000	13.000	169.000	200.000	50.000	50.000	50.000	0.0	0.0	0.0
C	GR	231.600	40.000	226.100	100.000	218.700	145.000	215.900	169.000	214.800	171.000
C	GR	214.500	177.000	214.300	182.000	214.800	187.000	216.000	200.000	218.800	300.000
C	GR	221.200	400.000	225.200	500.000	230.000	600.000	0.0	0.0	0.0	0.0
	X1	4995.000	12.000	270.000	288.000	2120.000	2120.000	2120.000	0.0	0.0	0.0
D	GR	240.000	0.0	225.500	270.000	220.700	275.000	219.800	278.000	219.600	281.000
D	GR	220.700	284.000	225.500	288.000	226.000	300.000	226.300	400.000	227.800	500.000
D	GR	238.000	572.000	241.000	608.000	0.0	0.0	0.0	0.0	0.0	0.0

2750.000	2820.000	221.507	0.666	4.583	0.0	292.207	-88.216	1550.000
2750.000	5240.000	223.336	1.829	4.610	0.0	348.781	-144.791	1550.000
2750.000	2820.000	50104.500	49881.160	0.0	0.0	74.822	129.169	1550.000
2800.000	1080.000	219.374	0.0	-0.039	0.0	46.000	0.0	50.000
2800.000	2150.000	220.298	0.924	-0.543	0.0	46.000	0.0	50.000
2800.000	2820.000	220.364	0.066	-1.143	0.0	46.000	0.0	50.000
2800.000	5240.000	224.316	3.952	0.980	0.0	239.765	-193.765	50.000
2800.000	2820.000	50104.500	49880.180	0.0	0.0	46.002	-0.002	50.000
2825.000	1080.000	219.424	0.0	0.050	0.0	46.000	0.0	25.000
2825.000	2150.000	220.554	1.131	0.257	0.0	46.000	0.0	25.000
2825.000	2820.000	220.814	0.260	0.450	0.0	46.000	0.0	25.000
2825.000	5240.000	224.454	3.640	0.138	0.0	249.396	-203.396	25.000
2825.000	2820.000	220.424	-4.030	-49884.070	0.0	46.000	0.0	25.000
2875.000	1080.000	220.073	0.0	0.649	0.0	216.400	0.0	50.000
2875.000	2150.000	222.008	1.935	1.454	0.0	295.296	-78.896	50.000
2875.000	2820.000	223.029	1.021	2.215	0.0	326.972	-110.572	50.000
2875.000	5240.000	226.228	3.199	1.774	0.0	422.800	-206.399	50.000
2875.000	2820.000	50104.719	49878.490	49884.290	0.0	81.962	134.439	50.000
4995.000	1080.000	227.550	0.0	7.477	0.0	251.531	0.0	2120.000
4995.000	2150.000	228.455	0.905	6.447	0.0	289.638	-38.106	2120.000
4995.000	2820.000	228.859	0.404	5.830	0.0	299.944	-48.412	2120.000
4995.000	5240.000	230.206	1.347	3.979	0.0	334.602	-83.071	2120.000
4995.000	2820.000	50104.719	49874.510	0.0	0.0	51.176	200.355	2120.000
7595.000	900.000	234.744	0.0	7.194	0.0	373.198	0.0	2600.000
7595.000	1800.000	236.018	1.274	7.563	0.0	383.300	-10.102	2600.000
7595.000	2370.000	236.650	0.632	7.791	0.0	388.356	-15.158	2600.000
7595.000	4550.000	238.431	1.781	8.225	0.0	417.987	-44.790	2600.000
7595.000	2370.000	50104.719	49866.280	0.0	0.0	149.271	223.927	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	38.367	0.0
2	0.0	0.0	44.659	6.292
3	0.0	0.0	46.868	8.501
4	0.0	0.0	54.214	15.847
5	4.000	0.435	12.602	-25.765

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

sta. NO. Stream Bed W.S. profiles

100 YEAR FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
1200.00	1200.00	0.0	0.0	209.00	1080.00	214.96	197.17	215.04	246.52	0.0	0.0	3.62
1200.00	1200.00	0.0	0.0	209.00	2150.00	216.28	390.98	216.39	287.03	0.0	0.0	4.24
1200.00	1200.00	0.0	0.0	209.00	2820.00	216.92	511.87	217.05	305.62	0.0	0.0	4.52
1200.00	1200.00	0.0	0.0	209.00	5240.00	218.73	958.62	218.90	351.49	0.0	0.0	5.21
1200.00	1200.00	0.0	0.0	209.00	2820.00	50104.50*********		50104.50	105.66	328.16	433.82	0.00
2750.00	1550.00	0.0	0.0	213.90	1080.00	219.41	204.33	219.54	206.99	0.0	0.0	3.73
2750.00	1550.00	0.0	0.0	213.90	2150.00	220.84	398.15	221.01	271.52	0.0	0.0	4.52
2750.00	1550.00	0.0	0.0	213.90	2820.00	221.51	520.61	221.69	292.21	0.0	0.0	4.85
2750.00	1550.00	0.0	0.0	213.90	5240.00	223.34	953.25	223.57	348.78	0.0	0.0	5.75
2750.00	1550.00	0.0	0.0	213.90	2820.00	50104.50*********		50104.50	74.82	169.00	243.82	0.00
2800.00	50.00	0.0	0.0	213.60	1080.00	219.37	108.31	219.90	46.00	0.0	0.0	5.83
2800.00	50.00	0.0	0.0	213.60	2150.00	220.30	149.29	221.68	46.00	0.0	0.0	9.44
2800.00	50.00	0.0	0.0	213.60	2820.00	220.36	152.36	222.68	46.00	0.0	0.0	12.22
2800.00	50.00	0.0	0.0	213.60	5240.00	224.32	420.21	226.05	239.76	0.0	0.0	11.22
2800.00	50.00	0.0	0.0	213.60	2820.00	50104.50*********		50104.50	46.00	150.00	196.00	0.00
2825.00	25.00	222.70	222.90	213.60	1080.00	219.42	110.39	219.94	46.00	0.0	0.0	5.76
2825.00	25.00	222.70	222.90	213.60	2150.00	220.55	161.31	221.81	46.00	0.0	0.0	8.98
2825.00	25.00	222.70	222.90	213.60	2820.00	220.81	174.18	222.76	46.00	0.0	0.0	11.20
2825.00	25.00	222.70	222.90	213.60	5240.00	224.45	438.79	226.05	249.40	0.0	0.0	10.85
2825.00	25.00	222.70	222.90	213.60	2820.00	220.42	155.12	50104.50	46.00	0.0	0.0	12.08
2875.00	50.00	0.0	0.0	214.30	1080.00	220.07	233.85	220.18	216.40	0.0	0.0	3.37
2875.00	50.00	0.0	0.0	214.30	2150.00	222.01	540.51	222.11	295.30	0.0	0.0	3.59
2875.00	50.00	0.0	0.0	214.30	2820.00	223.03	769.19	223.13	326.97	0.0	0.0	3.63
2875.00	50.00	0.0	0.0	214.30	5240.00	226.23	1804.79	226.31	422.80	0.0	0.0	3.59
2875.00	50.00	0.0	0.0	214.30	2820.00	50104.72*********		50104.72	81.96	169.00	250.96	0.00
4995.00	2120.00	0.0	0.0	219.60	1080.00	227.55	125.58	227.91	251.55	0.0	0.0	6.05
4995.00	2120.00	0.0	0.0	219.60	2150.00	228.45	226.40	228.87	289.64	0.0	0.0	7.33
4995.00	2120.00	0.0	0.0	219.60	2820.00	228.86	284.10	229.31	299.94	0.0	0.0	7.96
4995.00	2120.00	0.0	0.0	219.60	5240.00	230.21	551.70	230.70	334.60	0.0	0.0	8.85
4995.00	2120.00	0.0	0.0	219.60	2820.00	50104.72*********		50104.72	51.18	270.00	321.18	0.00
7595.00	2600.00	0.0	0.0	228.30	900.00	234.74	260.75	234.77	373.20	0.0	0.0	2.29
7595.00	2600.00	0.0	0.0	228.30	1800.00	236.02	526.69	236.06	383.30	0.0	0.0	2.65
7595.00	2600.00	0.0	0.0	228.30	2370.00	236.65	692.49	236.70	388.36	0.0	0.0	2.83
7595.00	2600.00	0.0	0.0	228.30	4550.00	238.45	1260.30	238.50	417.99	0.0	0.0	3.49
7595.00	2600.00	0.0	0.0	228.30	2370.00	50104.72*********		50104.72	149.27	189.10	338.37	0.00

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	1080.000	214.959	0.0	0.0	0.0	246.520	0.0	1200.000
1200.000	2150.000	216.279	1.319	0.0	0.0	287.032	-40.513	1200.000
1200.000	2820.000	216.923	0.645	0.0	0.0	305.616	-59.097	1200.000
1200.000	5240.000	218.726	1.803	0.0	0.0	351.491	-104.972	1200.000
1200.000	2820.000	50104.500	49885.770	0.0	0.0	105.665	140.855	1200.000
2750.000	1080.000	219.413	0.0	4.454	0.0	206.991	0.0	1550.000
2750.000	2150.000	220.840	1.428	4.562	0.0	271.517	-67.526	1550.000

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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      100 YEAR FLOODWAY

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

     -10.       6.        0.        0.  0.0           0.0       0.0       0.        0.0       0.0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     15.000    0.0       -1.000    0.0       0.0       0.0       0.0       0.0       0.0       0.0


CCHV=  0.100 CEHV=  0.300
 2800 NAT Q1=    197.17  WSEL=    214.96  ENC Q1=    197.17  WSEL=    215.96  RATIO=  0.0
 NAT Q1=    337.  RATIOS LOB,CH,ROB=  0.4814  0.2039  0.3147  WSEL=    215.96
2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED
3280 CROSS SECTION   1200.00 EXTENDED  49877.50 FEET

   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3470 ENCROACHMENT STATIONS=     328.2     433.8  TYPE=     4  TARGET=       0.415
  1200.00 49895.50 50104.50     0.0    214.96 50104.50     0.00      0.0       0.0     212.90
    2820.     1847.      489.     484. 3584452.  748420.  938947.       0.        0.     211.90
     0.0       0.00      0.00     0.00    0.085    0.060    0.085     0.0     209.00   328.16
 0.000000    1200.     1200.    1200.        0        0        1     0.0     105.66   433.82


 2800 NAT Q1=    204.33  WSEL=    219.41  ENC Q1=    204.33  WSEL=    220.41  RATIO=  0.0
 NAT Q1=    331.  RATIOS LOB,CH,ROB=  0.1097  0.4377  0.4527  WSEL=    220.41
3685 20 TRIALS USED WSEL,CWSEL
3280 CROSS SECTION   2750.00 EXTENDED  49874.90 FEET


3470 ENCROACHMENT STATIONS=     169.0     243.8  TYPE=     4  TARGET=       0.384
  2750.00 49890.60 50104.50     0.0    219.41 50104.50     0.00      0.00      0.00    215.50
    2820.        0.     1406.    1414.      13. 1546587. 2186172.  160206.       3.     215.60
   553.70      0.00      0.00     0.00    0.085    0.060    0.085    0.060     213.90   169.00
 0.000000    1550.     1550.    1550.       21        0        1     0.0      74.82   243.82


 2800 NAT Q1=    108.31  WSEL=    219.37  ENC Q1=    152.76  WSEL=    220.37  RATIO= -0.4103
 NAT Q1=    153.  RATIOS LOB,CH,ROB=  0.0     1.0000  0.0     WSEL=    220.37
3685 20 TRIALS USED WSEL,CWSEL
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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      500 YEAR FLOOD WATER SURFACE PROFILE

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

     -10.       5.        0.        0.  0.003000       0.0       0.0       0.   219.000       0.0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     4.000      0.0    -1.000       0.0       0.0       0.0       0.0       0.0       0.0       0.0


CCHV=   0.100 CEHV=   0.300
   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 1200.00      9.73    218.73       0.0    219.00    218.90      0.17       0.0       0.0    212.90
    5240.      2882.      698.     1661.     1019.      134.      547.        0.        0.    211.90
     0.0       2.83      5.21      3.04     0.085     0.060     0.085       0.0    209.00    175.77
0.002988      1200.     1200.     1200.         0         0         4       0.0    351.49    527.26


 2750.00      9.44    223.34       0.0       0.0    223.57      0.24      4.66      0.02    215.50
    5240.      646.      1563.     3031.     231.      272.      1086.      59.       12.    215.60
     0.12      2.79      5.75      2.79     0.085     0.060     0.085     0.060    213.90    114.42
0.003022      1550.     1550.     1550.         1         0         1       0.0    348.78    463.20

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

5720 ASSUMED CRITICAL DEPTH

   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 2800.00     10.72    224.32    224.32       0.0    226.05      1.74      0.29       0.0    224.40
    5240.        0.      4627.     613.        0.      412.      235.       60.       13.    223.00
     0.12       0.0      11.22     2.61     0.085     0.060     0.085     0.060    213.60    150.00
0.015550        50.       50.       50.        30        11         1       0.0    239.76    389.76
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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      100 YEAR FLOOD WATER SURFACE PROFILE

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

     -10.       4.        0.        0.  0.003000       0.0       0.0       0.   216.000       0.0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     3.000      0.0    -1.000       0.0       0.0       0.0       0.0       0.0       0.0       0.0


CCHV=   0.100 CEHV=   0.300
   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


  1200.00      7.92    216.92       0.0    216.00    217.05      0.13       0.0       0.0    212.90
    2820.     1437.      483.      900.      640.      107.      360.        0.        0.    211.90
     0.0       2.24      4.52      2.50     0.085     0.060     0.085       0.0    209.00    205.77
 0.003035      1200.     1200.     1200.         0         0         4       0.0    305.62    511.38


  2750.00      7.61    221.51       0.0       0.0    221.69      0.18      4.63      0.02    215.50
    2820.      329.      1045.     1446.      142.      216.      648.       38.       11.    215.60
     0.13      2.32      4.85      2.23     0.085     0.060     0.085     0.060    213.90    125.49
 0.002934      1550.     1550.     1550.         2         0         1       0.0    292.21    417.70


3301 HV CHANGED MORE THAN HVINS


OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      222.90 ELREA=      221.60

  2800.00      6.76    220.36       0.0       0.0    222.68      2.32      0.35      0.64    224.40
    2820.        0.      2820.        0.        0.      231.        0.       38.       11.    223.00
     0.14       0.0      12.22       0.0     0.085     0.060     0.085     0.060    213.60    150.00
 0.034256       50.       50.       50.         4         0         1       0.0     46.00    196.00


SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     0.90      1.50      2.60        0.0     46.00      2.00     317.50      0.0    213.60    213.60
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HEC2 VERSION UPDATED JAN 1975
ERROR CORRECTIONS 01,02,03,04,05,06,07,08
MODIFICATIONS 52,53,54,55,56,57,58
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T1      TRIB. 7  BASIN 6  NEUSE RIVER  TRIB.
T2      FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
T3      50 YEAR FLOOD WATER SURFACE PROFILE

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      -10.       3.        0.        0.  0.003000       0.0       0.0       0.   215.000       0.0

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     2.000       0.0    -1.000       0.0       0.0       0.0       0.0       0.0       0.0       0.0

CCHV=   0.100 CEHV=   0.300
   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      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

  1200.00      7.28    216.28       0.0    215.00    216.39      0.11       0.0       0.0    212.90
    2150.      1058.      411.      681.      520.       97.      299.        0.        0.    211.90
     0.0       2.04      4.24      2.28     0.085     0.060     0.085       0.0    209.00    219.20
 0.003024      1200.     1200.     1200.         0         0         4       0.0    287.03    506.23

  2750.00      6.94    220.84       0.0       0.0    221.01      0.17      4.60      0.02    215.50
    2150.      243.      881.     1025.      114.      195.      508.       31.       10.    215.60
     0.14      2.13      4.52      2.02     0.085     0.060     0.085     0.060    213.90    129.54
 0.002916      1550.     1550.     1550.         2         0         1       0.0    271.52    401.06


3501 HV CHANGED MORE THAN HVINS

OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      222.90 ELREA=      221.60

  2800.00      6.70    220.30       0.0       0.0    221.68      1.38      0.31      0.36    224.40
    2150.        0.      2150.       0.        0.      228.        0.       31.       10.    223.00
     0.14       0.0       9.44      0.0     0.085     0.060     0.085     0.060    213.60    150.00
 0.020740       50.       50.       50.         3         0         1       0.0     46.00    196.00


SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     0.90      1.50      2.60        0.0     46.00      2.00    317.50       0.0    213.60    213.60
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

10 YEAR FLOOD WATER SURF

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
1200.00	1200.00	0.0	0.0	209.00	1080.00	214.96	197.17	215.04	246.52	0.0	0.0	3.62
2750.00	1550.00	0.0	0.0	213.90	1080.00	219.41	204.33	219.54	203.99	0.0	0.0	3.73
2800.00	50.00	0.0	0.0	213.60	1080.00	219.37	108.31	219.90	46.00	0.0	0.0	5.83
2825.00	25.00	222.70	222.90	213.60	1080.00	219.42	110.39	219.94	46.00	0.0	0.0	5.76
2875.00	50.00	0.0	0.0	214.30	1080.00	220.07	283.85	220.18	216.40	0.0	0.0	3.37
4995.00	2120.00	0.0	0.0	219.60	1080.00	227.55	125.58	227.91	251.53	0.0	0.0	6.05
7595.00	2600.00	0.0	0.0	228.30	900.00	234.74	260.75	234.77	573.20	0.0	0.0	2.29

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	1080.000	214.959	0.0	0.0	0.0	246.520	0.0	1200.000
2750.000	1080.000	219.413	0.0	4.454	0.0	203.991	0.0	1550.000
2800.000	1080.000	219.374	0.0	-0.039	0.0	46.000	0.0	50.000
2825.000	1080.000	219.424	0.0	0.050	0.0	46.000	0.0	25.000
2875.000	1080.000	220.073	0.0	0.649	0.0	216.400	0.0	50.000
4995.000	1080.000	227.550	0.0	7.477	0.0	251.531	0.0	2120.000
7595.000	900.000	234.744	0.0	7.194	0.0	573.198	0.0	2600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	38.367	0.0

12914.000	1200.000	436.464	2.037	84.692	0.0	63.586	-33.971	3864.000
12914.000	1630.000	437.282	0.818	85.270	0.0	94.014	-64.399	3864.000
12914.000	3100.000	439.002	1.720	86.259	0.0	156.951	-127.336	3864.000
12964.000	570.000	437.440	0.0	3.013	0.0	85.328	0.0	50.000
12964.000	1200.000	437.783	0.343	1.319	0.0	95.751	-10.423	50.000
12964.000	1630.000	438.658	0.876	1.376	0.0	121.646	-36.318	50.000
12964.000	3100.000	440.579	1.920	1.576	0.0	178.745	-93.417	50.000
13000.000	570.000	438.649	0.0	1.208	0.0	121.197	0.0	36.000
13000.000	1200.000	439.338	0.689	1.555	0.0	141.664	-20.467	36.000
13000.000	1630.000	439.739	0.402	1.081	0.0	153.629	-32.433	36.000
13000.000	3100.000	440.891	1.152	0.312	0.0	188.190	-66.993	36.000
13050.000	570.000	438.709	0.0	0.061	0.0	131.635	0.0	50.000
13050.000	1200.000	439.486	0.777	0.149	0.0	159.979	-28.343	50.000
13050.000	1630.000	439.940	0.454	0.201	0.0	177.250	-45.614	50.000
13050.000	3100.000	441.218	1.278	0.327	0.0	230.391	-98.755	50.000
13250.000	570.000	447.657	0.0	8.948	0.0	214.021	0.0	200.000
13250.000	1200.000	447.966	0.309	8.479	0.0	404.604	-190.583	200.000
13250.000	1630.000	448.131	0.165	8.191	0.0	409.049	-195.028	200.000
13250.000	3100.000	448.574	0.443	7.356	0.0	420.972	-206.951	200.000
13300.000	570.000	447.904	0.0	0.248	0.0	403.056	0.0	50.000
13300.000	1200.000	448.346	0.442	0.381	0.0	414.927	-11.871	50.000
13300.000	1630.000	448.593	0.247	0.462	0.0	421.587	-18.531	50.000
13300.000	3100.000	449.261	0.668	0.687	0.0	439.579	-36.523	50.000
14050.000	570.000	449.898	0.0	1.994	0.0	143.000	0.0	750.000
14050.000	1200.000	451.167	1.268	2.820	0.0	260.375	-117.374	750.000
14050.000	1630.000	451.734	0.567	3.141	0.0	283.678	-140.678	750.000
14050.000	3100.000	453.084	1.350	3.823	0.0	321.396	-178.396	750.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	49.291	0.0
2	0.0	0.0	57.096	7.805
3	0.0	0.0	60.778	11.487
4	0.0	0.0	68.164	18.873

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
13050.00	50.00	0.0	0.0	428.80	570.00	438.71	177.36	438.79	131.64	0.0	0.0	2.59
13050.00	50.00	0.0	0.0	428.80	1200.00	439.49	235.51	439.69	159.98	0.0	0.0	4.41
13050.00	50.00	0.0	0.0	428.80	1630.00	439.94	277.55	440.22	177.25	0.0	0.0	5.27
13050.00	50.00	0.0	0.0	428.80	3100.00	441.22	437.24	441.65	230.39	0.0	0.0	7.01
13250.00	200.00	0.0	0.0	445.10	570.00	447.66	25.33	447.89	214.02	0.0	0.0	7.22
13250.00	200.00	0.0	0.0	445.10	1200.00	447.97	43.71	448.33	404.60	0.0	0.0	9.63
13250.00	200.00	0.0	0.0	445.10	1630.00	448.13	58.26	448.55	409.05	0.0	0.0	10.25
13250.00	200.00	0.0	0.0	445.10	3100.00	448.57	109.41	449.17	420.97	0.0	0.0	11.52
13300.00	50.00	446.30	446.60	445.10	570.00	447.90	39.30	448.00	403.06	0.0	0.0	5.01
13300.00	50.00	446.30	446.60	445.10	1200.00	448.35	81.39	448.48	414.93	0.0	0.0	5.70
13300.00	50.00	446.30	446.60	445.10	1630.00	448.59	112.49	448.75	421.59	0.0	0.0	5.92
13300.00	50.00	446.30	446.60	445.10	3100.00	449.26	220.11	449.50	439.58	0.0	0.0	6.55
14050.00	750.00	0.0	0.0	442.90	570.00	449.90	184.87	449.95	143.00	0.0	0.0	2.14
14050.00	750.00	0.0	0.0	442.90	1200.00	451.17	313.03	451.26	260.37	0.0	0.0	3.11
14050.00	750.00	0.0	0.0	442.90	1630.00	451.73	394.94	451.85	283.68	0.0	0.0	3.56
14050.00	750.00	0.0	0.0	442.90	3100.00	453.08	655.79	453.26	321.40	0.0	0.0	4.61

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
800.000	570.000	262.972	0.0	0.0	0.0	67.927	0.0	800.000
800.000	1200.000	264.364	1.392	0.0	0.0	92.036	-24.110	800.000
800.000	1630.000	265.058	0.694	0.0	0.0	99.305	-31.379	800.000
800.000	3100.000	266.797	1.739	0.0	0.0	117.515	-49.589	800.000
4000.000	570.000	299.318	0.0	36.346	0.0	93.100	0.0	3200.000
4000.000	1200.000	300.466	1.148	36.103	0.0	113.094	-19.994	3200.000
4000.000	1630.000	301.041	0.575	35.983	0.0	123.019	-29.918	3200.000
4000.000	3100.000	302.566	1.525	35.769	0.0	146.235	-53.135	3200.000
5900.000	570.000	325.679	0.0	26.361	0.0	203.550	0.0	1900.000
5900.000	1200.000	326.365	0.687	25.899	0.0	232.719	-29.169	1900.000
5900.000	1630.000	326.738	0.372	25.697	0.0	244.072	-40.522	1900.000
5900.000	3100.000	327.698	0.960	25.131	0.0	253.442	-49.892	1900.000
5950.000	570.000	326.270	0.0	0.592	0.0	228.659	0.0	50.000
5950.000	1200.000	327.014	0.744	0.648	0.0	246.773	-18.114	50.000
5950.000	1630.000	327.401	0.388	0.664	0.0	250.552	-21.893	50.000
5950.000	3100.000	328.420	1.019	0.722	0.0	260.480	-31.821	50.000
6000.000	570.000	340.511	0.0	14.241	0.0	370.876	0.0	50.000
6000.000	1200.000	341.243	0.731	14.229	0.0	373.272	-2.396	50.000
6000.000	1630.000	341.582	0.339	14.180	0.0	374.384	-3.508	50.000
6000.000	3100.000	342.444	0.862	14.024	0.0	377.216	-6.340	50.000
6050.000	570.000	340.511	0.0	0.0	0.0	370.548	0.0	50.000
6050.000	1200.000	341.243	0.732	0.000	0.0	372.943	-2.395	50.000
6050.000	1630.000	341.582	0.339	0.000	0.0	374.052	-3.504	50.000
6050.000	3100.000	342.445	0.863	0.001	0.0	376.876	-6.328	50.000
9050.000	570.000	351.269	0.0	10.758	0.0	198.895	0.0	3000.000
9050.000	1200.000	351.771	0.502	10.529	0.0	220.275	-21.381	3000.000
9050.000	1630.000	352.012	0.241	10.430	0.0	230.519	-31.624	3000.000
9050.000	3100.000	352.743	0.731	10.299	0.0	248.795	-49.901	3000.000
12914.000	570.000	434.427	0.0	83.158	0.0	29.615	0.0	3864.000

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
800.00	800.00	0.0	0.0	257.00	570.00	262.97	51.95	263.50	67.93	0.0	0.0	5.91
800.00	800.00	0.0	0.0	257.00	1200.00	264.36	108.53	265.07	92.04	0.0	0.0	7.41
800.00	800.00	0.0	0.0	257.00	1630.00	265.06	148.74	265.83	99.31	0.0	0.0	8.02
800.00	800.00	0.0	0.0	257.00	3100.00	266.80	282.62	267.77	117.52	0.0	0.0	9.59
4500.00												
4000.00	3200.00	0.0	0.0	293.50	570.00	299.32	55.38	299.62	93.10	0.0	0.0	4.46
4000.00	3200.00	0.0	0.0	293.50	1200.00	300.47	118.30	300.92	113.09	0.0	0.0	5.69
4000.00	3200.00	0.0	0.0	293.50	1630.00	301.04	159.78	301.58	123.02	0.0	0.0	6.32
4000.00	3200.00	0.0	0.0	293.50	3100.00	302.57	305.94	303.30	146.24	0.0	0.0	7.74
6400.00												
5900.00	1900.00	0.0	0.0	320.60	570.00	325.68	41.61	325.88	203.55	0.0	0.0	7.43
5900.00	1900.00	0.0	0.0	320.60	1200.00	326.37	88.21	326.60	232.72	0.0	0.0	8.09
5900.00	1900.00	0.0	0.0	320.60	1630.00	326.74	122.20	327.00	244.07	0.0	0.0	8.31
5900.00	1900.00	0.0	0.0	320.60	3100.00	327.70	237.65	328.06	253.44	0.0	0.0	9.02
5950.00	50.00	0.0	0.0	320.60	570.00	326.27	80.55	326.33	228.66	0.0	0.0	4.16
5950.00	50.00	0.0	0.0	320.60	1200.00	327.01	151.83	327.12	246.77	0.0	0.0	5.08
5950.00	50.00	0.0	0.0	320.60	1630.00	327.40	198.31	327.53	250.55	0.0	0.0	5.51
5950.00	50.00	0.0	0.0	320.60	3100.00	328.42	346.76	328.64	260.48	0.0	0.0	6.63
6000.00	50.00	336.30	322.70	320.60	570.00	340.51	4718.11	340.51	370.88	0.0	0.0	0.17
6000.00	50.00	336.30	322.70	320.60	1200.00	341.24	5145.52	341.24	373.27	0.0	0.0	0.34
6000.00	50.00	336.30	322.70	320.60	1630.00	341.58	5349.24	341.58	374.38	0.0	0.0	0.45
6000.00	50.00	336.30	322.70	320.60	3100.00	342.44	5883.92	342.45	377.22	0.0	0.0	0.80
6550.00												
6050.00	50.00	0.0	0.0	320.70	570.00	340.51	4660.93	340.51	370.55	0.0	0.0	0.17
6050.00	50.00	0.0	0.0	320.70	1200.00	341.24	5085.84	341.24	372.94	0.0	0.0	0.34
6050.00	50.00	0.0	0.0	320.70	1630.00	341.58	5288.10	341.58	374.05	0.0	0.0	0.45
6050.00	50.00	0.0	0.0	320.70	3100.00	342.44	5818.65	342.45	376.88	0.0	0.0	0.80
9280.00												
9050.00	3000.00	0.0	0.0	346.20	570.00	351.27	45.10	351.67	198.89	0.0	0.0	6.11
9050.00	3000.00	0.0	0.0	346.20	1200.00	351.77	77.80	352.37	220.28	0.0	0.0	8.28
9050.00	3000.00	0.0	0.0	346.20	1630.00	352.01	97.28	352.74	230.52	0.0	0.0	9.40
9050.00	3000.00	0.0	0.0	346.20	3100.00	352.74	173.10	353.68	248.80	0.0	0.0	11.34
13730.00												
12914.00	3864.00	0.0	0.0	428.40	570.00	434.43	32.45	435.31	29.61	0.0	0.0	7.53
12914.00	3864.00	0.0	0.0	428.40	1200.00	436.46	84.06	437.44	63.59	0.0	0.0	7.94
12914.00	3864.00	0.0	0.0	428.40	1630.00	437.28	121.86	438.35	94.01	0.0	0.0	8.49
12914.00	3864.00	0.0	0.0	428.40	3100.00	439.00	241.22	440.32	156.95	0.0	0.0	10.08
12964.00	50.00	0.0	0.0	429.50	570.00	437.44	76.74	437.64	85.33	0.0	0.0	5.17
12964.00	50.00	0.0	0.0	429.50	1200.00	437.78	90.73	438.41	95.75	0.0	0.0	9.50
12964.00	50.00	0.0	0.0	429.50	1630.00	438.66	134.76	439.21	121.65	0.0	0.0	9.33
12964.00	50.00	0.0	0.0	429.50	3100.00	440.58	287.09	441.09	178.75	0.0	0.0	9.53
13000.00	36.00	437.30	433.50	429.50	570.00	438.65	133.87	438.72	121.20	0.0	0.0	3.28
13000.00	36.00	437.30	433.50	429.50	1200.00	439.34	178.89	439.52	141.66	0.0	0.0	5.44
13000.00	36.00	437.30	433.50	429.50	1630.00	439.74	209.88	439.99	153.63	0.0	0.0	6.48
13000.00	36.00	437.30	433.50	429.50	3100.00	440.89	321.66	441.31	188.19	0.0	0.0	8.67

A
B
C
D
E
F