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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. 9 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.	243.810	0.0

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300  
 2800 NAT Q1= 136.32 WSEL= 242.81 ENC Q1= 136.32 WSEL= 243.81 RATIO= 0.0

NAT Q1= 221. RATIOS LOB,CH,ROB= 0.4253 0.1977 0.3770 WSEL= 243.81										
SECNO	DEPTH	CHSEL	CRWS	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=	215.2	274.4	TYPE=	4	TARGET=	0.399
875.00	5.81	243.81	0.0	242.81	244.27	0.46 0.0 0.0 239.30
1360.	484.	425.	451.	111.	60.	100. 0. 0. 238.30
0.0	4.37	7.12	4.50	0.085	0.060	0.085 0.0 238.00 215.19
0.008972	875.	875.	875.	0	0	1 0.0 59.19 274.38

3470 ENCROACHMENT STATIONS=	69.0	119.0	TYPE=	1	TARGET=	50.000
1800.00	6.88	253.68	0.0	0.0	254.54	0.86 10.15 0.12 250.40
1360.	137.	972.	251.	31.	116.	58. 5. 1. 250.20
0.04	4.38	8.35	4.32	0.085	0.060	0.085 0.060 246.80 69.00
0.013725	925.	925.	925.	4	0	1 0.0 50.00 119.00

3470 ENCROACHMENT STATIONS=	88.0	138.0	TYPE=	1	TARGET=	50.000
3750.00	6.79	299.28	298.90	0.0	300.35	1.07 45.75 0.06 99996.75
1360.	0.	70.	1290.	0.	11.	154. 13. 3. 294.60
0.10	0.0	6.13	8.39	0.085	0.060	0.085 0.060 292.50 88.00
0.048923	1950.	1950.	1950.	24	10	1 0.0 50.00 138.00

2800 NAT Q1= 107.04 WSEL= 300.46 ENC Q1= 107.04 WSEL= 301.46 RATIO= 0.0  
 NAT Q1= 169. RATIOS LOB,CH,ROB= 0.1352 0.2560 0.6088 WSEL= 301.46

3301 HV CHANGED MORE THAN HVINS

GR	310.100	0.0	300.200	80.000	295.700	82.000	295.300	85.000	295.700	88.000
GR	297.800	90.000	304.600	200.000	309.800	300.000	312.800	365.000	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1	CCHV= 0.100 CEHV= 0.300										1
2	SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	2
3	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	3
4	TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	4
5	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	5

6	875.00	4.81	242.81	0.0	246.00	243.09	0.28	0.0	0.0	239.50	6
7	1360.	572.	318.	47.	169.	49.	156.	0.	0.	238.30	7
8	0.0	3.39	6.55	3.00	0.085	0.060	0.085	0.0	238.00	171.93	8
9	0.009953	875.	875.	875.	0	0	5	0.0	162.64	334.57	9

10	1800.00	6.53	253.33	0.0	0.0	254.05	0.72	10.83	0.13	250.40	10
11	1360.	136.	882.	342.	37.	109.	105.	7.	3.	250.20	11
12	0.04	3.67	8.08	3.25	0.085	0.060	0.085	0.060	246.80	62.02	12
13	0.013980	925.	925.	925.	4	0	1	0.0	95.19	157.21	13

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

14	SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	14
15	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	15
16	TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	16
17	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	17

18	3750.00	6.62	298.72	298.72	0.0	299.84	1.12	39.29	0.0	297.00	18
19	1360.	33.	639.	688.	12.	57.	137.	17.	7.	294.60	19
20	0.11	2.79	11.25	5.02	0.085	0.060	0.085	0.060	292.10	66.12	20
21	0.031533	1950.	1950.	1950.	13	5	1	0.0	90.48	156.61	21

3301 HV CHANGED MORE THAN HVINS

22	3800.00	8.06	300.46	0.0	0.0	301.00	0.53	1.10	0.06	295.90	22
23	1360.	147.	442.	771.	46.	51.	200.	17.	7.	295.90	23
24	0.11	3.18	8.75	3.85	0.085	0.060	0.085	0.060	292.40	94.43	24
25	0.016143	50.	50.	50.	2	0	1	0.0	121.82	216.25	25

SPECIAL BRIDGE

26	SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD	26
27		0.90	1.50	3.00	0.0	7.00	0.00	153.90	0.0	295.30	292.40	27

PRESS FLOW BECAUSE EGLWC OF 311.71 EXCEEDS 1.5 DEPTH

3685 20 TRIALS USED WSEL,CWSEL

5730. WSEL ASSUMED BASED ON MIN DIFF + .1

28	SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	28
29	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	29
30	TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	30
31	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	31

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T1 TRIB. 9 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	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.010000	0.0	0.0	0.	246.000	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	470.000	990.000	1360.000	2650.000	1360.000	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	875.000	11.000	241.000	252.000	875.000	875.000	875.000	0.0	0.0	0.0
GR	260.000	0.0	250.000	100.000	240.000	200.000	239.300	241.000	238.600	242.000
GR	238.300	248.000	238.000	250.000	238.300	252.000	240.000	270.000	250.000	500.000
GR	260.000	600.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	0.0	7.100	69.000	119.000	0.0
X1	1800.000	13.000	79.000	100.000	925.000	925.000	925.000	0.0	0.0	0.0
GR	265.700	0.0	257.500	51.000	250.700	69.000	250.400	79.000	248.100	88.000
GR	247.400	89.000	247.100	95.000	246.800	97.000	247.100	99.000	250.200	100.000
GR	252.400	150.000	258.900	200.000	265.100	250.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	0.0	7.100	88.000	138.000	0.0
X1	3750.000	9.000	80.000	90.000	1950.000	1950.000	1950.000	0.0	-3.200	0.0
GR	310.100	0.0	300.200	80.000	295.700	82.000	295.300	85.000	295.700	88.000
GR	297.800	90.000	304.600	200.000	309.800	300.000	312.800	365.000	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0
X1	3800.000	15.000	121.500	128.500	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	299.400	299.400	0.0
GR	312.800	0.0	307.200	40.000	297.300	120.000	295.900	121.500	294.100	122.000
GR	293.000	123.000	292.600	124.000	292.400	125.000	292.600	126.000	293.000	127.000
GR	294.100	120.000	295.900	128.500	301.700	240.000	306.900	340.000	312.600	400.000
SB	0.900	1.500	3.000	0.0	7.000	0.001	153.900	0.0	295.300	292.400
X1	3850.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	299.400	303.900	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	305.500	305.500	0.0
BT	15.000	0.0	312.800	0.0	100.000	305.500	0.0	121.500	305.500	295.900
BT	122.000	305.500	294.100	123.000	305.500	293.000	124.000	305.500	292.600	125.000
BT	305.500	292.400	126.000	305.500	292.600	127.000	305.500	293.000	128.000	305.500
BT	294.100	128.500	305.500	295.500	200.000	303.900	0.0	300.000	309.400	0.0
BT	400.000	312.600	0.0	410.000	312.800	0.0	0.0	0.0	0.0	0.0
X1	3900.000	9.000	80.000	90.000	50.000	50.000	50.000	0.0	0.0	0.0

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
875.00	875.00	0.0	0.0	238.00	470.00	241.30	47.32	241.48	112.89	0.0	0.0	4.94
875.00	875.00	0.0	0.0	238.00	990.00	242.28	99.08	242.53	145.23	0.0	0.0	6.03
875.00	875.00	0.0	0.0	238.00	1360.00	242.81	136.32	243.09	162.64	0.0	0.0	6.55
875.00	875.00	0.0	0.0	238.00	2650.00	244.17	265.89	244.53	207.45	0.0	0.0	7.82
1800.00	925.00	0.0	0.0	246.80	470.00	251.53	41.14	252.02	63.54	0.0	0.0	5.87
1800.00	925.00	0.0	0.0	246.80	990.00	252.74	84.67	253.39	89.10	0.0	0.0	7.37
1800.00	925.00	0.0	0.0	246.80	1360.00	253.33	115.02	254.05	95.19	0.0	0.0	8.08
1800.00	925.00	0.0	0.0	246.80	2650.00	254.86	217.82	255.81	110.94	0.0	0.0	9.87
3750.00	1950.00	0.0	0.0	292.10	470.00	296.85	26.47	297.73	46.42	0.0	0.0	8.70
3750.00	1950.00	0.0	0.0	292.10	990.00	298.12	55.98	299.16	75.98	0.0	0.0	10.40
3750.00	1950.00	0.0	0.0	292.10	1360.00	298.72	76.59	299.84	90.48	0.0	0.0	11.25
3750.00	1950.00	0.0	0.0	292.10	2650.00	300.05	141.70	301.47	122.84	0.0	0.0	13.64
3800.00	50.00	0.0	0.0	292.40	470.00	298.41	17.38	301.03	7.00	0.0	0.0	13.00
3800.00	50.00	0.0	0.0	292.40	990.00	299.79	75.89	300.34	103.55	0.0	0.0	8.42
3800.00	50.00	0.0	0.0	292.40	1360.00	300.46	107.04	301.00	121.82	0.0	0.0	8.75
3800.00	50.00	0.0	0.0	292.40	2650.00	302.08	222.69	302.62	166.08	0.0	0.0	9.38
3850.00	50.00	303.90	299.40	292.40	470.00	298.41	17.39	301.03	7.00	0.0	0.0	12.99
3850.00	50.00	303.90	299.40	292.40	990.00	301.89	35.16	306.04	7.00	0.0	0.0	16.36
3850.00	50.00	303.90	299.40	292.40	1360.00	305.61	736.18	305.63	262.40	0.0	0.0	1.82
3850.00	50.00	303.90	299.40	292.40	2650.00	306.14	845.99	306.21	276.96	0.0	0.0	3.18
3900.00	50.00	0.0	0.0	295.30	470.00	301.71	68.72	301.87	85.33	0.0	0.0	4.22
3900.00	50.00	0.0	0.0	295.30	990.00	306.51	472.38	306.53	207.58	0.0	0.0	1.97
3900.00	50.00	0.0	0.0	295.30	1360.00	305.60	350.78	305.68	182.93	0.0	0.0	3.43
3900.00	50.00	0.0	0.0	295.30	2650.00	306.12	418.16	306.34	197.11	0.0	0.0	5.81

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
875.000	470.000	241.300	0.0	0.0	0.0	112.893	0.0	875.000
875.000	990.000	242.280	0.980	0.0	0.0	145.230	-32.338	875.000
875.000	1360.000	242.807	0.528	0.0	0.0	162.642	-49.749	875.000
875.000	2650.000	244.165	1.358	0.0	0.0	207.452	-94.559	875.000
1800.000	470.000	251.533	0.0	10.233	0.0	63.538	0.0	925.000
1800.000	990.000	252.742	1.210	10.463	0.0	89.099	-25.561	925.000
1800.000	1360.000	253.332	0.589	10.524	0.0	95.192	-31.654	925.000
1800.000	2650.000	254.857	1.525	10.692	0.0	110.942	-47.404	925.000
3750.000	470.000	296.854	0.0	45.322	0.0	46.419	0.0	1950.000
3750.000	990.000	298.119	1.264	45.376	0.0	75.979	-29.559	1950.000
3750.000	1360.000	298.717	0.598	45.385	0.0	90.482	-44.063	1950.000
3750.000	2650.000	300.051	1.334	45.194	0.0	122.841	-76.422	1950.000
3800.000	470.000	298.406	0.0	1.552	0.0	7.000	0.0	50.000
3800.000	990.000	299.793	1.387	1.675	0.0	103.553	-96.553	50.000
3800.000	1360.000	300.462	0.669	1.746	0.0	121.823	-114.823	50.000
3800.000	2650.000	302.082	1.619	2.031	0.0	166.078	-159.078	50.000

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T1 TRIB. 9 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.	0.010000	0.0	0.0	0.	248.000	0.0
J2	NPROF	IPLLOT	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							
SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLUSS	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	
875.00	6.17	244.17	0.0	248.00	244.53	0.37	0.0	0.0	239.30	
2650.	1127.	497.	1026.	272.	64.	290.	0.	0.	238.30	
0.0	4.14	7.82	3.54	0.085	0.060	0.085	0.0	238.00	158.35	
0.009933	875.	875.	875.	0	0	5	0.0	207.45	365.80	

3301 HV CHANGED MORE THAN HVINS

1800.00	8.06	254.86	0.0	0.0	255.81	0.96	11.10	0.18	250.40	
2650.	319.	1392.	939.	66.	141.	201.	11.	3.	250.20	
0.03	4.83	9.87	4.66	0.085	0.060	0.085	0.060	246.80	57.99	
0.014801	925.	925.	925.	4	0	1	0.0	110.94	168.93	

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLUSS	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	
3750.00	7.95	300.05	300.05	0.0	301.47	1.42	42.38	0.0	297.00	
2650.	162.	956.	1532.	38.	70.	240.	28.	9.	294.60	
0.10	4.31	13.64	6.37	0.085	0.060	0.085	0.060	292.10	55.34	
0.034976	1950.	1950.	1950.	14	5	1	0.0	122.84	178.18	

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T1 TRIB. 9 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.	0.010000	0.0	0.0	0.	246.000	0.0
J2	NPROF	IPL0T	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	OLUSS	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
875.00	4.81	242.81	0.0	246.00	243.09	0.28	0.0	0.0	239.30
1360.	572.	318.	470.	169.	49.	156.	0.	0.	238.30
0.0	3.39	6.55	3.00	0.085	0.060	0.085	0.0	238.00	171.93
0.009953	875.	875.	875.	0	0	5	0.0	162.64	334.57
1800.00	6.53	253.33	0.0	0.0	254.05	0.72	10.83	0.13	250.40
1360.	136.	882.	342.	37.	109.	105.	7.	3.	250.20
0.04	3.67	8.08	3.25	0.085	0.060	0.085	0.060	246.80	62.02
0.013980	925.	925.	925.	4	0	1	0.0	95.19	157.21

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLUSS	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
3750.00	6.62	298.72	298.72	0.0	299.84	1.12	39.29	0.0	297.00
1360.	33.	639.	688.	12.	57.	137.	17.	7.	294.60
0.11	2.79	11.25	5.02	0.085	0.060	0.085	0.060	292.10	66.12
0.031533	1950.	1950.	1950.	13	5	1	0.0	90.48	156.61

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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. 9 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	FG
	-10.	3.	0.	0.	0.010000	0.0	0.0	0.	245.000	0.0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	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	
875.00	4.28	242.28	0.0	245.00	242.53	0.25	0.0	0.0	239.30	
990.	408.	258.	324.	134.	43.	116.	0.	0.	238.30	
0.0	3.05	6.03	2.79	0.085	0.060	0.085	0.0	238.00	177.20	
0.009984	875.	875.	875.	0	0	5	0.0	145.23	322.43	
1800.00	5.94	252.74	0.0	0.0	253.39	0.64	10.74	0.12	250.40	
990.	87.	713.	190.	28.	97.	73.	5.	2.	250.20	
0.04	3.16	7.37	2.60	0.085	0.060	0.085	0.060	246.80	63.58	
0.013672	925.	925.	925.	4	0	1	0.0	89.10	152.68	

7185 MIN SPECIFIC ENERGY

3720 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	
3750.00	6.02	298.12	298.12	0.0	299.16	1.04	38.65	0.0	297.00	
990.	11.	528.	451.	5.	51.	100.	13.	6.	294.60	
0.11	2.09	10.40	4.50	0.085	0.060	0.085	0.060	292.10	70.95	
0.031280	1950.	1950.	1950.	12	5	1	0.0	75.98	146.93	

3800.00	7.39	299.79	0.0	0.0	300.34	0.54	1.13	0.05	295.90	
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TW	EG	TOPWID	STENCL	STENCR	VCH	
A	500.00	500.00	0.0	0.0	235.00	480.00	237.49	37.92	237.80	84.18	0.0	0.0	4.67
A	500.00	500.00	0.0	0.0	235.00	970.00	238.34	76.74	238.83	102.50	0.0	0.0	6.02
A	500.00	500.00	0.0	0.0	235.00	1300.00	238.80	103.17	239.58	112.29	0.0	0.0	6.66
A	500.00	500.00	0.0	0.0	235.00	2540.00	240.04	201.48	240.89	130.98	0.0	0.0	8.34
B	<del>1000.00</del>	500.00	0.0	0.0	239.20	480.00	242.26	62.16	242.42	96.35	0.0	0.0	3.41
B	<del>1000.00</del>	500.00	0.0	0.0	239.20	970.00	243.30	123.40	243.55	120.99	0.0	0.0	4.42
B	<del>1000.00</del>	500.00	0.0	0.0	239.20	1300.00	243.83	164.55	244.12	143.58	0.0	0.0	4.88
B	<del>1000.00</del>	500.00	0.0	0.0	239.20	2540.00	245.28	319.95	245.68	257.75	0.0	0.0	6.05
C	<del>2150.00</del>	1150.00	0.0	0.0	248.10	300.00	252.30	19.93	252.94	59.57	0.0	0.0	7.15
C	<del>2150.00</del>	1150.00	0.0	0.0	248.10	400.00	252.69	27.34	253.31	75.27	0.0	0.0	7.47
C	<del>2150.00</del>	1150.00	0.0	0.0	248.10	750.00	253.62	55.52	254.18	102.78	0.0	0.0	8.00
C	2150.00	1150.00	0.0	0.0	248.10	1600.00	254.95	129.16	255.49	136.66	0.0	0.0	8.68
	2200.00	50.00	0.0	0.0	249.00	300.00	253.70	18.80	254.16	36.40	0.0	0.0	7.83
	2200.00	50.00	0.0	0.0	249.00	400.00	254.00	22.94	254.58	39.53	0.0	0.0	8.95
	2200.00	50.00	0.0	0.0	249.00	750.00	254.68	34.37	255.71	46.60	0.0	0.0	12.29
	2200.00	50.00	0.0	0.0	249.00	1600.00	256.10	69.15	257.58	61.51	0.0	0.0	15.31
	2250.00	50.00	259.30	252.00	249.00	300.00	256.23	7.98	259.61	3.00	0.0	0.0	14.74
	2250.00	50.00	259.30	252.00	249.00	400.00	260.39	296.10	260.40	146.23	0.0	0.0	1.25
	2250.00	50.00	259.30	252.00	249.00	750.00	260.44	300.87	260.47	149.13	0.0	0.0	2.31
	2250.00	50.00	259.30	252.00	249.00	1600.00	261.52	419.52	261.60	211.58	0.0	0.0	3.75
D	<del>2280.00</del>	50.00	0.0	0.0	249.50	300.00	259.95	534.74	259.95	223.88	0.0	0.0	0.54
D	<del>2280.00</del>	50.00	0.0	0.0	249.50	400.00	260.40	610.17	260.41	234.41	0.0	0.0	0.65
D	<del>2280.00</del>	50.00	0.0	0.0	249.50	750.00	260.48	623.76	260.49	236.80	0.0	0.0	1.20
D	2280.00	50.00	0.0	0.0	249.50	1600.00	261.61	840.33	261.64	264.23	0.0	0.0	2.03
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH					
500.000	480.000	237.494	0.0	0.0	0.0	84.179	0.0	500.000					
500.000	970.000	238.345	0.851	0.0	0.0	102.502	-18.323	500.000					
500.000	1300.000	238.799	0.454	0.0	0.0	112.288	-28.109	500.000					
500.000	2540.000	240.044	1.245	0.0	0.0	130.979	-46.800	500.000					
1000.000	480.000	242.253	0.0	4.763	0.0	96.348	0.0	500.000					
1000.000	970.000	243.301	1.043	4.956	0.0	120.989	-24.641	500.000					
1000.000	1300.000	243.826	0.526	5.027	0.0	143.577	-47.229	500.000					
1000.000	2540.000	245.276	1.449	5.231	0.0	257.754	-161.405	500.000					
2150.000	300.000	252.299	0.0	10.041	0.0	59.569	0.0	1150.000					
2150.000	400.000	252.685	0.387	9.385	0.0	75.272	-15.703	1150.000					
2150.000	750.000	253.615	0.930	9.789	0.0	102.780	-43.211	1150.000					
2150.000	1600.000	254.950	1.334	9.674	0.0	136.663	-77.094	1150.000					
2200.000	300.000	253.698	0.0	1.400	0.0	36.398	0.0	50.000					
2200.000	400.000	254.000	0.302	1.315	0.0	39.530	-3.132	50.000					
2200.000	750.000	254.677	0.677	1.061	0.0	46.598	-10.200	50.000					
2200.000	1600.000	256.104	1.428	1.155	0.0	61.507	-25.108	50.000					