
 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 22 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-6 JOB NO.6855
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	0.005000	0.0	0.0	0.	183.000	0.0
J2	NPROF	IPLT	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	500.000	1020.000	1410.000	2700.000	1410.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-8.400	0.0	0.0	0.0	0.0
X1	1000.000	18.000	1370.000	1380.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	197.800	1000.000	190.900	1100.000	179.500	1200.000	178.300	1205.000	176.900	1210.000
GR	176.900	1250.000	176.800	1300.000	176.300	1370.000	175.900	1572.000	175.400	1373.000
GR	175.400	1375.000	175.700	1377.000	176.000	1378.000	176.400	1380.000	176.300	1400.000
GR	177.100	1429.000	183.000	1500.000	191.000	1559.000	0.0	0.0	0.0	0.0
QT	5.000	330.000	720.000	950.000	1900.000	950.000	0.0	0.0	0.0	0.0
X1	4800.000	17.000	1393.000	1405.000	3800.000	3800.000	3800.000	0.0	0.0	0.0
GR	231.300	1000.000	226.200	1100.000	217.900	1170.000	213.700	1179.000	213.100	1200.000
GR	213.700	1300.000	214.100	1393.000	211.200	1395.000	209.600	1397.000	209.300	1399.000
GR	209.300	1400.000	209.600	1402.000	209.800	1403.000	212.600	1405.000	216.000	1412.000
GR	224.900	1500.000	230.000	1543.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	5600.000	20.000	1619.000	1635.000	800.000	800.000	800.000	0.0	-0.200	0.0
GR	247.000	0.0	240.000	600.000	230.000	1100.000	228.800	1200.000	222.800	1300.000
GR	219.600	1400.000	217.700	1500.000	215.600	1600.000	214.300	1619.000	212.400	1623.000
GR	211.800	1627.000	212.200	1631.000	216.500	1635.000	217.000	1700.000	222.000	1800.000
GR	224.500	1850.000	215.200	1882.000	230.300	1896.000	240.000	2396.000	250.000	3100.000
X1	5650.000	31.000	1625.500	1638.500	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	216.700	216.700	0.0
GR	245.000	0.0	240.000	400.000	230.000	900.000	228.900	1000.000	226.800	1100.000
GR	224.400	1200.000	222.000	1300.000	221.200	1350.000	219.700	1405.000	217.600	1505.000
GR	215.500	1605.000	214.200	1624.000	214.200	1625.500	212.500	1626.000	211.700	1628.000
GR	212.300	1630.000	214.200	1630.500	214.200	1633.500	212.300	1634.000	211.700	1636.000
GR	212.300	1638.000	214.200	1638.500	216.400	1640.000	216.900	1705.000	221.000	1785.000
GR	221.400	1800.000	224.800	1900.000	228.300	2000.000	228.900	2100.000	240.000	2600.000
GR	250.000	3400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	13.000	0.001	39.000	0.0	0.0	0.0
X1	5687.000	0.0	0.0	0.0	37.000	37.000	37.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	216.700	218.500	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	218.500	218.500	0.0
BT	22.000	0.0	245.000	0.0	1100.000	226.800	0.0	1200.000	224.400	0.0

 MEC2 VERSION UPDATED JAN 1975
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T1 TRIB 22 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-6 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.	180.240	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= 200.37 WSEL= 179.24 ENC Q1= 200.37 WSEL= 180.04 RATIO= 0.0

NAT Q1=	318.	RATIOS	LOB,CH,ROB=	0.6624	0.0850	0.2526	WSEL=	180.04	RATIO=	0.0
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 ENCR OACHMENT STATIONS= 1277.4 1413.1 TYPE= 4 TARGET= 0.370

1000.00	4.84	180.24	0.0	179.24	180.37	0.13	0.0	0.0	176.30
1410.	879.	185.	346.	336.	44.	127.	0.	0.	176.40
0.0	2.62	4.17	2.72	0.085	0.060	0.085	0.0	175.40	1277.39
0.004029	1000.	1000.	1000.	0	0	1	0.0	135.71	1413.10

2800 NAT Q1= 65.34 WSEL= 214.60 ENC Q1= 65.34 WSEL= 215.40 RATIO= 0.0

NAT Q1= 137. RATIOS LOB,CH,ROB= 0.7259 0.2622 0.0120 WSEL= 215.40

3685 20 TRIALS USED WSEL,CWSEL

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

3470 ENCR OACHMENT STATIONS= 1309.2 1406.7 TYPE= 4 TARGET= 0.524

4800.00	6.02	215.32	215.32	214.60	216.14	0.83	26.28	0.0	214.10
950.	394.	539.	17.	117.	58.	4.	30.	10.	212.60
0.16	3.37	9.21	4.39	0.085	0.060	0.085	0.060	209.30	1309.16
0.023728	3800.	3800.	3800.	30	11	1	0.0	97.51	1406.67

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOODWAY

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	VCH
A	1000.00	1000.00	0.0	0.0	175.40	1410.00	179.24	200.37	179.33	253.64	97 1374 39 0.0 0.0	3.90
B	4800.00	3800.00	0.0	0.0	209.30	950.00	214.60	65.34	215.05	232.05	91 1400 7 0.0 0.0	7.02
C	5600.00	800.00	0.0	0.0	211.60	950.00	218.62	217.95	218.69	305.32	66 1627 54 0.0 0.0	3.20
	5650.00	50.00	0.0	0.0	211.70	950.00	218.74	198.67	218.80	290.09	1561.11 1681.63	3.23
	5650.00	50.00	0.0	0.0	211.70	950.00	219.51	215.11	219.59	118.39	0.0 0.0	3.03
	5687.00	37.00	0.0	0.0	211.70	950.00	219.96	394.17	219.98	369.79	1532.49 1695.00	1.78
	5687.00	37.00	0.0	0.0	211.70	950.00	220.73	408.49	220.76	162.51	0.0 0.0	1.73
D	5737.00	50.00	0.0	0.0	211.80	950.00	219.99	413.00	220.01	386.85	97 1627 70 0.0 0.0	1.91
	5737.00	50.00	0.0	0.0	211.80	950.00	220.76	426.95	220.79	165.45	1530.91 1696.36	1.90

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
A	1000.000	179.238	0.0	0.0	0.0	253.644	0.0	1000.000
	1410.000	180.240	1.002	0.0	0.0	135.706	117.938	1000.000
B	4800.000	214.601	0.0	35.363	0.0	232.052	0.0	3800.000
	950.000	215.317	0.715	35.077	0.0	97.510	134.543	3800.000
C	5600.000	218.623	0.0	4.022	0.0	305.320	0.0	800.000
	950.000	219.412	0.789	4.095	0.0	120.521	184.799	800.000
BR	5650.000	218.736	0.0	0.113	0.0	290.093	0.0	50.000
	950.000	219.510	0.774	0.099	0.0	118.393	171.700	50.000
BR	5687.000	219.961	0.0	1.224	0.0	369.786	0.0	37.000
	950.000	220.735	0.774	1.224	0.0	162.514	207.272	37.000
D	5737.000	219.986	0.0	0.026	0.0	386.846	0.0	50.000
	950.000	220.758	0.772	0.024	0.0	165.450	221.396	50.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1		0.0	0.0	27.176	0.0
2		4.000	0.307	12.619	-14.557

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T1 TRIB 22 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIP	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.005000	0.0	0.0	0.	182.000	0.0
J2	NPROF	IPL0T	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	QLOSS	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	ENUST
1000.00	3.38	178.78	0.0	182.00	178.86	0.08	0.0	0.0	176.50
1020.	665.	106.	249.	335.	30.	126.	0.	0.	176.40
0.0	1.98	3.56	1.97	0.085	0.060	0.085	0.0	175.40	1202.98
0.004971	1000.	1000.	1000.	0	0	5	0.0	246.30	1449.28

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	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	ENUST
4800.00	5.13	214.43	214.43	0.0	214.83	0.40	29.38	0.0	214.10
720.	375.	338.	7.	174.	48.	3.	31.	21.	212.60
0.24	2.16	7.07	2.07	0.085	0.060	0.085	0.060	209.30	1177.44
0.018307	3800.	3800.	3800.	12	15	1	0.0	231.31	1408.76

5265 DIVIDED FLOW

5600.00	6.61	218.21	0.0	0.0	218.27	0.06	3.41	0.03	214.10
720.	310.	263.	147.	253.	87.	150.	38.	25.	216.30
0.36	1.22	3.01	0.98	0.085	0.060	0.085	0.060	211.60	1466.29
0.001851	800.	800.	800.	8	0	1	0.0	275.88	1884.97
				0	0	1	0.0	305.32	1882.35

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T1 TRIB 22 BASIN 15
 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	FO
	-10.	4.	0.	0.	0.005000	0.0	0.0	0.	183.000	0.0
J2	NPROF	IPLT	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	CRWS	WSELK	EG	HV	HL	QLOSS	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
1000.00	3.84	179.24	0.0	183.00	179.33	0.09	0.0	0.0	176.30
1410.	928.	134.	348.	411.	34.	159.	0.	0.	176.40
0.0	2.26	3.90	2.19	0.085	0.060	0.085	0.0	175.40	1201.09
0.004952	1000.	1000.	1000.	0	0	5	0.0	253.64	1454.73

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	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
4800.00	5.30	214.60	214.60	0.0	215.05	0.45	29.98	0.0	214.10
950.	550.	391.	10.	211.	50.	4.	38.	21.	212.60
0.22	2.60	7.82	2.37	0.085	0.060	0.085	0.060	209.30	1177.07
0.021138	3800.	3800.	3800.	14	16	1	0.0	232.05	1409.12

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	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
5600.00	7.02	218.62	0.0	0.0	218.69	0.07	3.60	0.04	214.10
950.	430.	301.	220.	320.	94.	196.	46.	26.	216.30
0.34	1.34	3.20	1.12	0.085	0.060	0.085	0.060	211.60	1446.82
0.001904	800.	800.	800.	8	0	1	0.0	305.32	1882.35

 NECE VERSION UPDATED JAN 1975
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T1 TRIB 22 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.005000	0.0	0.0	0.	185.000	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

CCMV= 0.100 CEV= 0.300

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	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	ENUST
1000.00	5.03	180.43	0.0	185.00	180.57	0.14	0.0	0.0	176.50
2700.	1790.	220.	690.	617.	46.	256.	0.	0.	176.40
0.0	2.90	4.75	2.69	0.085	0.060	0.085	0.0	175.40	1191.85
0.004944	1000.	1000.	1000.	0	0	5	0.0	217.20	1469.06

7105 MIN SPECIFIC ENERGY

5720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	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	ENUST
4800.00	5.83	215.13	215.13	0.0	215.77	0.64	32.91	0.0	214.10
1900.	1313.	565.	22.	327.	56.	7.	57.	22.	212.60
0.18	4.02	10.04	3.28	0.085	0.060	0.085	0.060	209.30	1175.93
0.029654	3800.	3800.	3800.	14	12	1	0.0	234.29	1410.22

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3600.00	8.23	219.83	0.0	0.0	219.91	0.08	4.08	0.06	214.10
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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	TQ	EG	TOPWID	STENCL	STENCR	VCH
1000.00	1000.00	0.0	0.0	175.40	500.00	178.04	70.72	178.09	234.34	0.0	0.0	2.94
1000.00	1000.00	0.0	0.0	175.40	1020.00	178.78	144.66	178.86	246.30	0.0	0.0	3.56
1000.00	1000.00	0.0	0.0	175.40	1410.00	179.24	200.37	179.53	253.64	0.0	0.0	3.90
1000.00	1000.00	0.0	0.0	175.40	2700.00	180.43	384.00	180.57	277.20	0.0	0.0	4.75
4800.00	3800.00	0.0	0.0	209.30	330.00	213.91	27.26	214.50	184.23	0.0	0.0	5.83
4800.00	3800.00	0.0	0.0	209.30	720.00	214.43	53.21	214.83	231.31	0.0	0.0	7.07
4800.00	3800.00	0.0	0.0	209.30	950.00	214.60	65.34	215.05	232.05	0.0	0.0	7.82
4800.00	3800.00	0.0	0.0	209.30	1900.00	215.13	110.33	215.77	234.29	0.0	0.0	10.04
5600.00	800.00	0.0	0.0	211.60	330.00	217.24	81.12	217.50	206.52	0.0	0.0	2.50
5600.00	800.00	0.0	0.0	211.60	720.00	218.21	167.33	218.27	275.88	0.0	0.0	3.01
5600.00	800.00	0.0	0.0	211.60	950.00	218.62	217.95	218.69	305.32	0.0	0.0	3.20
5600.00	800.00	0.0	0.0	211.60	1900.00	219.83	421.90	219.91	389.34	0.0	0.0	3.75
5650.00	50.00	0.0	0.0	211.70	330.00	217.34	69.49	217.40	196.62	0.0	0.0	2.52
5650.00	50.00	0.0	0.0	211.70	720.00	218.32	150.44	218.58	262.16	0.0	0.0	2.89
5650.00	50.00	0.0	0.0	211.70	950.00	218.74	198.67	218.80	290.09	0.0	0.0	3.03
5650.00	50.00	0.0	0.0	211.70	1900.00	219.95	390.02	220.02	368.60	0.0	0.0	3.48
5687.00	37.00	218.50	216.70	211.70	330.00	218.77	203.73	218.78	292.77	0.0	0.0	1.03
5687.00	37.00	218.50	216.70	211.70	720.00	219.68	341.08	219.69	353.84	0.0	0.0	1.47
5687.00	37.00	218.50	216.70	211.70	950.00	219.96	394.17	219.98	369.79	0.0	0.0	1.73
5687.00	37.00	218.50	216.70	211.70	1900.00	220.77	570.25	220.81	414.78	0.0	0.0	2.56
5737.00	50.00	0.0	0.0	211.80	330.00	218.78	213.43	218.79	302.88	0.0	0.0	1.13
5737.00	50.00	0.0	0.0	211.80	720.00	219.70	357.51	219.72	368.97	0.0	0.0	1.63
5737.00	50.00	0.0	0.0	211.80	950.00	219.99	413.00	220.01	386.85	0.0	0.0	1.91
5737.00	50.00	0.0	0.0	211.80	1900.00	220.82	605.05	220.86	434.97	0.0	0.0	2.81

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1000.000	500.000	178.037	0.0	0.0	0.0	234.336	0.0	1000.000
1000.000	1020.000	178.785	0.748	0.0	0.0	246.296	-11.960	1000.000
1000.000	1410.000	179.238	0.454	0.0	0.0	253.644	-19.308	1000.000
1000.000	2700.000	180.429	1.190	0.0	0.0	277.202	-42.866	1000.000
4800.000	330.000	213.907	0.0	35.871	0.0	184.233	0.0	3800.000
4800.000	720.000	214.426	0.518	35.641	0.0	231.315	-47.082	3800.000
4800.000	950.000	214.601	0.176	35.363	0.0	232.052	-47.819	3800.000
4800.000	1900.000	215.133	0.532	34.705	0.0	234.287	-50.054	3800.000
5600.000	330.000	217.243	0.0	3.336	0.0	206.519	0.0	800.000
5600.000	720.000	218.209	0.966	3.783	0.0	275.881	-69.363	800.000
5600.000	950.000	218.623	0.414	4.022	0.0	305.320	-98.801	800.000
5600.000	1900.000	219.828	1.205	4.695	0.0	389.338	-182.819	800.000
5650.000	330.000	217.344	0.0	0.100	0.0	196.617	0.0	50.000
5650.000	720.000	218.320	0.977	0.111	0.0	262.160	-65.542	50.000
5650.000	950.000	218.736	0.416	0.113	0.0	290.093	-93.476	50.000
5650.000	1900.000	219.945	1.209	0.117	0.0	368.598	-171.981	50.000

Sta. No. 15

Stream Bed

W.S. profile

5687.000	330.000	218.772	0.0	1.428	0.0	292.768	0.0	37.000
5687.000	720.000	219.681	0.910	1.361	0.0	353.835	-61.068	37.000
5687.000	950.000	219.961	0.279	1.224	0.0	369.786	-77.019	37.000
5687.000	1900.000	220.771	0.810	0.825	0.0	414.783	-122.015	37.000
5737.000	330.000	218.783	0.0	0.011	0.0	302.878	0.0	50.000
5737.000	720.000	219.701	0.918	0.020	0.0	368.975	-66.096	50.000
5737.000	950.000	219.986	0.285	0.026	0.0	386.846	-83.966	50.000
5737.000	1900.000	220.820	0.834	0.050	0.0	434.969	-132.091	50.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	22.626	0.0
2	0.0	0.0	26.475	3.849
3	0.0	0.0	27.176	4.549
4	0.0	0.0	29.292	6.666