

1	*****											1			
2	HEC2 VERSION UPDATED JAN 1975											2			
3	ERROR CORRECTIONS 01,02,03,04,05,06,07,08											3			
4	MODIFICATIONS 52,53,54,55,56,57,58											4			
5	*****											5			
6												6			
7												7			
8												8			
9												9			
10	T1	IRIB 2 BASIN 24										10			
11	T2	FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855										11			
12	T3	50 YEAR FLOOD WATER SURFACE PROFILE										12			
13												13			
14	J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	14			
15												15			
16		-10.	3.	0.	0.	0.050000	0.0	0.0	0.	280.000	0.0	16			
17												17			
18	J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	18			
19												19			
20		2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20			
21												21			
22												22			
23	CCHV=	0.100	CEHV=	0.300											23
24	SECNO	DEPTH	CWSFL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV		24			
25	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT		25			
26	TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA		26			
27	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST		27			
28												28			
29												29			
30	900.00	4.34	278.84	278.78	280.00	280.27	1.43	0.0	0.0	279.30		30			
31	400.	0.	400.	0.	0.	42.	0.	0.	0.	280.00		31			
32	0.0	0.0	9.60	0.0	0.085	0.060	0.085	0.0	274.50	1085.51		32			
33	0.049102	900.	900.	900.	0	15	1	0.0	14.18	1099.69		33			
34												34			
35												35			
36												36			
37	OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=				282.90	ELREA=				282.90				37	
38												38			
39	950.00	6.61	281.51	0.0	0.0	283.09	1.58	2.77	0.04	304.30		39			
40	400.	0.	400.	0.	0.	40.	0.	0.	0.	304.30		40			
41	0.00	0.0	10.08	0.0	0.085	0.060	0.085	0.059	274.90	1097.00		41			
42	0.063105	50.	50.	50.	2	0	1	0.0	5.00	1103.00		42			
43												43			
44												44			
45												45			
46	SPECIAL BRIDGE											46			
47												47			
48	50% VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED											48			
49	SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD	49			
50		0.90	1.50	2.50	0.0	6.00	0.00	48.00	0.0	274.90	274.90	50			
51												51			
52	CLASS A LOW FLOW											52			
53												53			
54	BRIDGE W.S.=	281.51	BRIDGE VELOCITY=				10.09						54		
55												55			
56	EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	ELLC	ELTRD	CLASS			56			
57	0.0	283.09	0.00	0.	400.	48.	283.60	304.90	1.00			57			

 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 2 BASIN 24
 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.	0.050000	0.0	0.0	0.	282.000	0.0
J2	NPROF	IPLT	PREVS	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

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	XLOHL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
900.00	5.72	280.22	280.22	282.00	281.10	0.88	0.0	0.0	279.30
550.	27.	492.	31.	17.	62.	15.	0.	0.	280.00
0.0	1.56	7.93	2.04	0.085	0.060	0.085	0.0	274.50	1047.83
0.022537	900.	900.	900.	0	21	1	0.0	74.57	1122.40

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

5255 SLOPE TOO STEEP,LXCEEDS 0.10

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	XLOHL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 282.90 ELREA= 282.90

950.00	6.38	281.28	281.28	0.0	284.08	3.21	2.25	0.0	304.30
550.	0.	550.	0.	0.	33.	0.	0.	0.	304.30
0.00	0.0	14.37	0.0	0.085	0.060	0.085	0.059	274.90	1097.00

 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 2 BASIN 24
 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. 0.050000 0.0 0.0 0. 283.000 0.0

J2 NPROF IPLOT PREVS YSECV 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

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	XLOPL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
900.00	6.65	281.15	281.15	283.00	282.00	0.85	0.0	0.0	279.30
950.	165.	661.	124.	69.	76.	39.	0.	0.	280.00
0.0	2.39	8.70	3.22	0.085	0.060	0.085	0.0	274.50	1010.15
0.020666	900.	900.	900.	0	16	1	0.0	117.14	1127.29

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

3235 SLOPE TOO STEEP, EXCEEDS 0.10

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	XLOPL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
950.00	9.18	284.08	284.08	0.0	288.70	4.62	2.25	0.0	304.30
950.	0.	930.	0.	0.	55.	0.	0.	0.	304.30
0.00	0.0	17.26	0.0	0.085	0.060	0.085	0.059	274.90	1097.00
0.163584	50.	50.	50.	30	11	1	0.0	6.00	1103.00

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

DONT PLOT CHECK WITH DHS

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	
A	900.00	900.00	0.0	0.0	274.50	170.00	277.40	7.59	278.27	12.18	0.0	0.0	7.51
A	900.00	900.00	0.0	0.0	274.50	400.00	278.84	18.05	280.27	14.18	0.0	0.0	9.60
A	900.00	900.00	0.0	0.0	274.50	550.00	280.22	36.64	281.10	74.57	0.0	0.0	7.93
A	900.00	900.00	0.0	0.0	274.50	950.00	281.15	66.08	282.00	117.14	0.0	0.0	8.70
	950.00	50.00	0.0	0.0	274.90	170.00	279.53	10.27	280.11	6.00	0.0	0.0	6.12
	950.00	50.00	0.0	0.0	274.90	400.00	281.51	15.92	283.09	6.00	0.0	0.0	10.08
	950.00	50.00	0.0	0.0	274.90	550.00	281.28	15.25	284.48	6.00	0.0	0.0	14.37
	950.00	50.00	0.0	0.0	274.90	950.00	284.08	23.49	288.70	6.00	0.0	0.0	17.26
	1050.00	100.00	304.90	283.60	274.90	170.00	279.53	10.27	280.11	6.00	0.0	0.0	6.11
	1050.00	100.00	304.90	283.60	274.90	400.00	281.51	15.92	283.09	6.00	0.0	0.0	10.08
	1050.00	100.00	304.90	283.60	274.90	550.00	281.47	15.80	284.49	6.00	0.0	0.0	13.96
	1050.00	100.00	304.90	283.60	274.90	950.00	291.84	46.98	293.20	6.00	0.0	0.0	9.34
B	1100.00	50.00	0.0	0.0	275.60	170.00	280.49	23.18	280.67	26.62	0.0	0.0	3.41
B	1100.00	50.00	0.0	0.0	275.60	400.00	283.35	129.84	283.39	150.88	0.0	0.0	2.13
B	1100.00	50.00	0.0	0.0	275.60	550.00	284.85	266.43	284.87	169.87	0.0	0.0	1.65
B	1100.00	50.00	0.0	0.0	275.60	950.00	293.33	1999.24	293.34	243.57	0.0	0.0	0.62

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH	
A	900.000	170.000	277.396	0.0	0.0	0.0	12.182	0.0	900.000
A	900.000	400.000	278.842	1.445	0.0	0.0	14.179	-1.997	900.000
A	900.000	550.000	280.218	1.376	0.0	0.0	74.567	-62.385	900.000
A	900.000	950.000	281.149	0.931	0.0	0.0	117.139	-104.957	900.000
	950.000	170.000	279.534	0.0	2.137	0.0	6.000	0.0	50.000
	950.000	400.000	281.509	1.975	2.667	0.0	6.000	0.0	50.000
	950.000	550.000	281.277	-0.232	1.059	0.0	6.000	0.0	50.000
	950.000	950.000	284.075	2.798	2.926	0.0	6.000	0.0	50.000
	1050.000	170.000	279.534	0.0	0.000	0.0	6.000	0.0	100.000
	1050.000	400.000	281.510	1.976	0.001	0.0	6.000	0.0	100.000
	1050.000	550.000	281.467	-0.043	0.190	0.0	6.000	0.0	100.000
	1050.000	950.000	291.842	10.375	7.767	0.0	6.000	0.0	100.000
	1100.000	170.000	280.491	0.0	0.957	0.0	26.624	0.0	50.000
	1100.000	400.000	283.354	2.863	1.843	0.0	150.882	-124.258	50.000
	1100.000	550.000	284.847	1.494	3.380	0.0	169.871	-143.248	50.000
	1100.000	950.000	293.335	8.488	1.493	0.0	243.574	-216.950	50.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	0.043	0.0
2	0.0	0.0	0.115	0.072
3	0.0	0.0	0.161	0.118
4	0.0	0.0	0.228	0.185

1	*****											1
2	HEC2 VERSION UPDATED JAN 1975											2
3	ERROR CORRECTIONS 01,02,03,04,05,06,07,08											3
4	MODIFICATIONS 52,53,54,55,56,57,58											4
5	*****											5
6												6
7												7
8												8
9												9
10	T1	TRIB 2 BASIN 24										10
11	T2	FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855										11
12	T3	100 YEAR FLOOD WATER SURFACE PROFILE										12
13												13
14	J1	ICHECK	I/Q	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	14
15												15
16		-1.	4.	0.	0.	0.050000	0.0	0.0	0.	282.000	0.0	16
17												17
18	J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOD	IBW	CHNIM	ITRACE	18
19												19
20		-1.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
21												21
22	J3	1.000	34.000	3.000	4.000	27.000	28.000	26.000	0.0	0.0	0.0	22
23	NC	0.085	0.085	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0	23
24	QT	5.000	170.000	400.000	550.000	950.000	550.000	0.0	0.0	0.0	0.0	24
25	ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0	25
26												26
27	X1	900.000	11.000	1085.000	1100.000	900.000	900.000	900.000	0.0	-1.100	0.0	27
28	GR	303.500	907.000	283.700	975.000	282.500	1000.000	280.400	1085.000	275.900	1090.000	28
29	GR	275.600	1093.000	277.000	1096.000	277.400	1099.000	281.100	1100.000	280.100	1116.000	29
30	GR	296.100	1200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
31												31
32	X1	950.000	6.000	1097.000	1103.000	50.000	50.000	50.000	0.0	-0.700	0.0	32
33	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	282.900	282.900	0.0	33
34	GR	304.900	1000.000	305.000	1097.000	275.600	1097.000	275.600	1103.000	305.000	1103.000	34
35	GR	306.600	1200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35
36	SB	0.900	1.500	2.500	0.0	6.000	0.001	48.000	0.0	0.0	0.0	36
37												37
38	X1	1050.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.0	0.0	38
39	X2	0.0	0.0	1.000	283.600	304.900	0.0	0.0	0.0	0.0	0.0	39
40	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	305.000	305.000	0.0	40
41	BT	4.000	1000.000	304.900	0.0	1097.000	305.000	283.600	1103.000	305.000	283.600	41
42	BT	1200.000	306.600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42
43	ET	5.000	0.0	0.0	0.0	0.0	7.100	1085.000	1100.000	0.0	0.0	43
44												44
45	X1	1100.000	11.000	1085.000	1100.000	50.000	50.000	50.000	0.0	0.0	0.0	45
46	GR	303.500	907.000	283.700	975.000	282.500	1000.000	280.400	1085.000	275.900	1090.000	46
47	GR	275.600	1093.000	277.000	1096.000	277.400	1099.000	281.100	1100.000	280.100	1116.000	47
48	GR	296.100	1200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48
49	EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49
50												50
51												51
52												52
53												53
54												54
55												55
56												56
57												57

1 SUMMARY PRINTOUT FOR MULTIPLE PROFILES													
2													
3													
4 100 YEAR FLOOD WATER SUR													
5	6	7	8	9	10	11	12	13	14	15	16	17	18
SECTION	CHANNEL	MIN EL OF	MAX EL OF	MIN EL	DISCHARGE	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH	
NUMBER	LENGTH	ROADWAY	LOW CHORD	GROUND	(CFS)								
9	900.00	900.00	0.0	0.0	274.50	550.00	280.22	36.64	281.10	74.57	0.0	0.0	7.93
11	950.00	50.00	0.0	0.0	274.90	550.00	281.28	15.25	284.48	6.00	0.0	0.0	14.37
13	1050.00	100.00	804.90	283.60	274.90	550.00	281.47	15.80	284.49	6.00	0.0	0.0	13.96
15	1100.00	50.00	0.0	0.0	275.60	550.00	284.85	266.43	284.87	169.87	0.0	0.0	1.65
17	18	19	20	21	22	23	24	25	26	27	28	29	30
SECTION	DISCHARGE	CWSEL	CWSEL DIFF	CWSEL DIFF	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH					
NUMBER	CFS		EACH Q	EACH SECTION									
9	550.000	280.218	0.0	0.0	0.0	74.567	0.0	900.000					
11	550.000	281.277	0.0	1.059	0.0	6.000	0.0	50.000					
13	550.000	281.467	0.0	0.190	0.0	6.000	0.0	100.000					
15	550.000	284.847	0.0	3.380	0.0	169.871	0.0	50.000					
27 DATA FOR LAST CROSS SECTION													
28	29	30	31	32	33	34	35	36	37	38	39	40	41
PROFILE	TYPE	ENC	TARGET	TOP WIDTH	TOP WIDTH								
				AREA-ACRES	AREA-DIFF								
1	0.0		0.0	0.161	0.0								
32													
33													
34													
35													
36													
37													
38													
39													
40													
41													
42													
43													
44													
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
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T1 TRIB 2 BASIN 24
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 100 YEAR FLOODWAY

J1	ICHECK	INQ	NINW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-10.	6.	0.	0.	0.0	0.0	0.0	0.	281.220	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= 36.64 WSEL= 280.22 ENC Q1= 47.00 WSEL= 281.22 RATIO= -0.2830

NAT Q1= 69. RATIOS LOB,CH,ROB= 0.1835 0.6819 0.1346 WSEL= 281.22

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	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= 1085.0 1100.0 TYPE= 4 TARGET= 0.318

900.00	6.72	281.22	0.0	280.22	282.01	0.79	0.0	0.0	279.30
550.	0.	550.	0.	0.	77.	0.	0.	0.	280.00
0.0	0.0	7.14	0.02	0.085	0.060	0.085	0.0	274.50	1085.00
0.015455	900.	900.	900.	0	0	1	0.0	15.00	1100.00

IHC209I IBCOM - PROGRAM INTERRUPT (P) - DIVIDE CHECK OLD PSW IS FF75000F4207CA7C . 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= 15.25 WSEL= 281.28 ENC Q1= 18.16 WSEL= 282.28 RATIO= -0.1914
 NAT Q1= 18. RATIOS LOB,CH,ROB= 0.0 1.0000 0.0 WSEL= 282.28

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

5235 SLOPE TOO STEEP, EXCEEDS 0.10

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	
9	900.00	900.00	0.0	0.0	274.50	550.00	280.22	36.64	281.10	74.57	0.0	0.0	7.93
10	900.00	900.00	0.0	0.0	274.50	550.00	281.22	44.24	282.01	15.00	1085.00	1100.00	7.14
12	950.00	50.00	0.0	0.0	274.90	550.00	281.28	15.25	284.48	6.00	0.0	0.0	14.37
13	950.00	50.00	0.0	0.0	274.90	550.00	281.29	15.28	284.48	6.00	1097.00	1103.00	14.34
15	1050.00	100.00	304.90	283.60	274.90	550.00	281.47	15.80	284.49	6.00	0.0	0.0	13.96
16	1050.00	100.00	304.90	283.60	274.90	550.00	282.47	18.72	284.75	6.00	0.0	0.0	12.11
18	1100.00	50.00	0.0	0.0	275.60	550.00	284.85	266.43	284.87	169.87	0.0	0.0	1.65
19	1100.00	50.00	0.0	0.0	275.60	550.00	285.27	78.05	285.59	15.00	1085.00	1100.00	4.54

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
A 900.000	550.000	280.218	0.0	0.0	0.0	74.567	0.0	900.000
900.000	550.000	281.220	1.002	0.0	0.0	15.001	59.566	900.000
950.000	550.000	281.277	0.0	1.059	0.0	6.000	0.0	50.000
950.000	550.000	281.290	0.013	0.071	0.0	6.000	0.0	50.000
1050.000	550.000	281.467	0.0	0.190	0.0	6.000	0.0	100.000
1050.000	550.000	282.467	1.000	1.177	0.0	6.000	0.0	100.000
B 1100.000	550.000	284.847	0.0	3.380	0.0	169.871	0.0	50.000
1100.000	550.000	285.267	0.420	2.800	0.0	14.999	154.872	50.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	0.161	0.0
2	1.000	15.000	0.038	-0.123

1 SUMMARY PRINTOUT FOR MULTIPLE PROFILES 1

2 2

3 3

4 10 YEAR FLOOD WATER SURF 5

5 6

6 SECTION CHANNEL MIN EL OF MAX EL OF MIN EL DISCHARGE CWSEL TO EG TOPWID STENCL STENCR VCH 8

7 NUMBER LENGTH ROADWAY LOW CHORD GROUND (CFS) 9

8 1000.00 1000.00 0.0 0.0 310.10 150.00 312.85 9.66 313.34 12.43 0.0 0.0 5.65 11

9 2588.00 1588.00 0.0 0.0 338.10 150.00 341.30 12.90 341.46 102.08 0.0 0.0 4.06 12

10 2638.00 50.00 0.0 0.0 340.10 150.00 342.35 6.27 342.88 25.29 0.0 0.0 5.84 13

11 2650.00 12.00 356.90 356.60 340.10 150.00 342.63 8.98 342.95 28.20 0.0 0.0 4.50 14

12 2700.00 50.00 0.0 0.0 342.60 150.00 345.61 9.59 345.90 84.70 0.0 0.0 5.24 15

13 2200.00 1500.00 0.0 0.0 356.70 120.00 359.32 18.93 359.36 87.39 0.0 0.0 2.66 16

14 17

15 SECTION DISCHARGE CWSEL CWSEL DIFF CWSEL DIFF CWSEL-WSELK TOPWID T.W. DIFF LENGTH 21

16 NUMBER CFS EACH 0 EACH SECTION 22

17 1000.000 150.000 312.848 0.0 0.0 0.0 12.430 0.0 1000.000 23

18 2588.000 150.000 341.300 0.0 28.453 0.0 102.084 0.0 1588.000 24

19 2638.000 150.000 342.347 0.0 1.046 0.0 25.294 0.0 50.000 25

20 2650.000 150.000 342.632 0.0 0.285 0.0 28.202 0.0 12.000 26

21 2700.000 150.000 345.609 0.0 2.977 0.0 84.699 0.0 50.000 27

22 2200.000 120.000 359.319 0.0 13.710 0.0 87.393 0.0 1500.000 28

23 24

24 DATA FOR LAST CROSS SECTION 45

25 PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH 46

26 AREA-ACRES AREA-DIFF 47

27 1 0.0 0.0 5.196 0.0 48

28 49

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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 1RIB 3 BASIN 24
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK ING NINV IDIR STRT METRIC HVINS Q MSEL FQ
 -10. 3. 0. 0.024000 0.0 0.5 0. 281.000 0.0
 J2 NPROF IPLOT PREVS XSECV XSECH FN ALLDC IBW CHNAM AIRACE
 2.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0

CCHV = 0.100 CEHV = 0.300
 SECNO DEPTH CWSEL CRIMS MSELK E5 HV HL OLOSS BANK ELEV
 1000.00 5.16 315.26 0.0 281.00 316.33 1.08 0.0 0.0 315.10
 650. 24. 525. 101. 9. 58. 27. 0. 0. 313.50
 0.0 2.80 9.10 3.70 0.085 0.060 0.085 0.0 310.10 1111.12
 0.024308 1000. 1000. 1000. 0 0.0 7 0.0 39.68 1150.79

1645 INT SEC ADDED BY RAISING SEC 2588.00, -14.000FT AND MULTIPLYING BY 1.220

3301 HV CHANGED MORE THAN HVINS

1.01 4.28 328.38 0.0 0.0 328.54 0.16 12.12 0.09 327.40
 650. 456. 130. 9. 194. 38. 7. 3. 2. 327.20
 0.07 2.84 1.25 0.085 0.060 0.060 0.060 324.10 202.14
 0.010464 754. 754. 6 0.0 157.48 359.52

1645 INT SEC ADDED BY RAISING SEC 1.01, 14.000FT AND MULTIPLYING BY 0.820

2588.00 3.90 342.00 0.0 0.0 342.45 0.45 13.82 0.08 341.40
 650. 430. 215. 5. 119. 28. 3. 7. 4. 341.20
 0.12 3.60 7.82 1.76 0.085 0.060 0.060 338.10 169.52
 0.034526 794. 794. 6 0.0 122.38 291.70

1645 INT SEC ADDED BY RAISING SEC 2638.00, -1.000FT AND MULTIPLYING BY 0.671

1645.20 1RIBS. USED MSEL. CMSEL