
 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. 15 BASIN 4 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	FG
	-10.	5.	0.	0.	0.012000	0.0	0.0	0.	263.500	0.0
J2	NPROF	IPL0T	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	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	ENUST
800.00	9.80	266.80	0.0	263.50	267.77	0.97	0.0	0.0	262.50
3100.	896.	1847.	357.	197.	193.	88.	0.	0.	262.40
0.0	4.56	9.59	4.05	0.085	0.060	0.085	0.0	257.00	65.85
0.012031	800.	800.	800.	0	0	5	0.0	117.52	183.37
4000.00	9.07	302.57	0.0	0.0	303.30	0.74	35.51	0.02	298.90
3100.	619.	2281.	200.	160.	295.	75.	37.	10.	299.20
0.13	3.86	7.74	2.67	0.085	0.060	0.085	0.060	293.50	47.31
0.010267	3200.	3200.	3200.	5	0	1	0.0	146.24	193.54
5900.00	7.10	327.70	326.84	0.0	328.06	0.35	24.72	0.04	321.60
3100.	2317.	119.	664.	489.	13.	169.	63.	18.	321.60
0.25	4.73	9.02	3.94	0.085	0.060	0.085	0.060	320.60	72.64
0.017015	1900.	1900.	1900.	17	18	1	0.0	253.44	326.08
5950.00	7.82	328.42	0.0	0.0	328.64	0.22	0.0	0.01	321.60
3100.	2278.	97.	725.	613.	15.	229.	64.	19.	321.60
0.25	5.71	6.63	3.17	0.085	0.060	0.085	0.060	320.60	69.60
0.007992	50.	50.	50.	2	0	1	0.0	260.48	330.08

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLN	BWC	DWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	2.00	0.00	3.14	0.0	320.60	320.60

 HEC2 VERSION UPDATED JAN 1975
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T1 TRIB. 15 BASIN 4 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.	0.012000	0.0	0.0	0.	261.000	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	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
800.00	8.06	265.06	0.0	261.00	265.83	0.77	0.0	0.0	262.50
1630.	344.	1182.	105.	103.	147.	39.	0.	0.	262.40
0.0	3.34	8.02	2.71	0.085	0.060	0.085	0.0	257.00	76.45
0.012009	800.	800.	800.	0	0	7	0.0	99.31	175.76
4000.00	7.54	301.04	0.0	0.0	301.58	0.54	35.73	0.02	298.90
1630.	230.	1362.	38.	85.	215.	23.	22.	8.	299.20
0.16	2.73	6.32	1.68	0.085	0.060	0.085	0.060	293.50	53.52
0.010407	3200.	3200.	3200.	4	0	1	0.0	123.02	176.54
5900.00	6.14	326.74	326.16	0.0	327.00	0.26	25.40	0.03	321.60
1630.	1254.	94.	282.	327.	11.	93.	39.	16.	321.60
0.29	3.83	8.31	3.03	0.085	0.060	0.085	0.060	320.60	76.69
0.017792	1900.	1900.	1900.	21	17	1	0.0	244.07	320.76
5950.00	6.80	327.40	0.0	0.0	327.53	0.13	0.52	0.01	321.60
1630.	1228.	69.	332.	439.	13.	145.	40.	16.	321.60
0.29	2.80	5.51	2.30	0.085	0.060	0.085	0.060	320.60	73.89
0.006756	50.	50.	50.	2	0	1	0.0	250.55	324.44

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	ROLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	2.00	0.00	3.14	0.0	320.60	320.60

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
A 900.00	900.00	0.0	0.0	319.00	375.00	321.39	35.74	321.61	83.81	0.0	0.0	3.96
900.00	900.00	0.0	0.0	319.00	835.00	322.36	79.49	322.72	111.14	0.0	0.0	5.24
900.00	900.00	0.0	0.0	319.00	1125.00	322.83	107.22	323.25	124.18	0.0	0.0	5.79
900.00	900.00	0.0	0.0	319.00	2220.00	324.14	211.63	324.73	160.88	0.0	0.0	7.22
5200.00	4300.00	0.0	0.0	371.10	375.00	375.99	30.69	376.51	21.90	0.0	0.0	5.75
B 5200.00	4300.00	0.0	0.0	371.10	835.00	377.95	66.95	378.78	34.31	0.0	0.0	7.33
5200.00	4300.00	0.0	0.0	371.10	1125.00	378.63	89.60	379.61	156.43	0.0	0.0	8.14
5200.00	4300.00	0.0	0.0	371.10	2220.00	379.79	182.42	380.69	287.98	0.0	0.0	9.10

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
900.000	375.000	321.386	0.0	0.0	0.0	83.808	0.0	900.000
900.000	835.000	322.362	0.976	0.0	0.0	111.140	-27.332	900.000
900.000	1125.000	322.827	0.466	0.0	0.0	124.177	-40.369	900.000
900.000	2220.000	324.138	1.311	0.0	0.0	160.879	-77.071	900.000
5200.000	375.000	375.992	0.0	54.606	0.0	21.897	0.0	4300.000
5200.000	835.000	377.949	1.957	55.588	0.0	34.309	-12.411	4300.000
5200.000	1125.000	378.629	0.679	55.802	0.0	156.430	-134.533	4300.000
5200.000	2220.000	379.795	1.166	55.657	0.0	287.984	-266.087	4300.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	5.217	0.0
2	0.0	0.0	7.179	1.962
3	0.0	0.0	13.850	8.633
4	0.0	0.0	22.155	16.937