

BILL BRANCH

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THIS RUN EXECUTED 29 JUL 81 16.28.47

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 MOORES BASIN-BILL BRANCH  
 T2 PENDER CO N CAROLINA  
 T3 10-YEAR

J1	ICHECK	ING	NINV	IDIR	STRY	METRIC	FVINS	G.	WSEL	FG
	-0.	2.	-0.	-0.	-0.	-0.	-0.	-0.	26.790	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLEC	IBL	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CCDES FOR SUMMARY PRINTOUT									
	110.000	200.000	201.000	150.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLER	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	295.000	605.000	800.000	1420.000	800.000	-0.	-0.	-0.	-0.
X1	41.000	29.000	1978.000	2003.500	-0.	-0.	-0.	-0.	-0.	-0.
GR	36.700	0.	34.800	300.000	34.600	500.000	34.200	600.000	28.600	1400.000
GR	28.400	1500.000	29.000	1600.000	29.000	1771.000	29.700	1978.000	25.400	1982.000
GR	25.400	1986.000	23.700	1988.500	22.700	1589.500	21.900	1991.500	22.700	1953.500
GR	23.700	1994.500	25.400	1995.000	25.700	1596.500	24.000	1997.000	23.000	1998.000
GR	22.200	2000.000	23.000	2002.000	25.700	2003.500	25.700	2007.000	29.700	2011.000
GR	30.400	2100.000	32.800	2200.000	36.400	2300.000	40.200	2400.000	-0.	-0.
X1	42.000	19.000	388.000	400.000	3150.000	2650.000	2620.000	-0.	-0.	-0.
GR	49.400	0.	50.800	54.000	47.300	67.000	45.800	100.000	46.100	124.000
GR	40.400	200.000	35.500	300.000	34.400	315.000	34.200	388.000	51.200	351.000
GR	30.500	394.000	31.200	397.000	34.500	400.000	34.100	478.000	39.800	500.000
GR	47.200	549.000	52.800	600.000	51.200	700.000	51.900	800.000	-0.	-0.
X1	43.100	0.	0.	0.	435.000	435.000	435.000	-0.	-0.	-0.
NC	-0.	-0.	.090	.300	.500	-0.	-0.	-0.	-0.	-0.



THIS RUN EXECUTED 29 JUL 81 16.28.51

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HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54
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T1 MOORES BASIN-BILL BRANCH
T2 PENDER CO N CAROLINA
T3 50

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J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	FVINS	Q	WSEL	FO
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	28.340	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 29 JUL 81 16.28.51

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR = 01.02.03.04  
 MODIFICATION = 50.51.52.53.54  
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T1 MOORES BASIN-BILL BRANCH  
 T2 PENDER CO IN CAROLINA  
 T3 100

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	FVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	29.210	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLEC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 MOORES BASIN-BILL BRANCH  
 T2 PENDER CO N CAROLINA  
 T3 500

J1	ICHECK	INW	NINV	IDIR	STRT	METRIC	FVINS	Q	WSEL	FQ
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	31.330	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 29 JUL 81 16.28.53

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QRCB	PERENC	STENCL	STCHL	STCHR	STENCR
41.000	26.79	0.	27.11	27.38	0.	289.45	5.55	0.	0.	1978.00	2003.50	0.
41.000	28.34	0.	28.84	30.37	0.	578.83	26.16	0.	0.	1978.00	2003.50	0.
41.000	29.21	0.	29.57	552.30	118.51	644.99	36.50	0.	0.	1978.00	2003.50	0.
41.000	31.33	0.	31.35	1128.75	979.74	365.33	74.93	0.	0.	1978.00	2003.50	0.
42.000	36.52	0.	36.54	208.11	99.96	97.32	97.72	0.	0.	388.00	400.00	0.
42.000	37.90	0.	37.92	241.60	240.85	146.00	218.15	0.	0.	388.00	400.00	0.
42.000	38.56	0.	38.58	257.58	333.95	173.79	292.26	0.	0.	388.00	400.00	0.
42.000	39.17	0.	39.22	272.45	614.45	284.04	521.51	0.	0.	388.00	400.00	0.
43.100	37.07	0.	37.08	221.60	108.30	84.11	102.60	0.	0.	388.00	400.00	0.
43.100	38.49	0.	38.50	255.86	251.38	132.81	220.81	0.	0.	388.00	400.00	0.
43.100	39.16	0.	39.18	272.28	346.04	160.17	293.80	0.	0.	388.00	400.00	0.
43.100	40.22	0.	40.25	299.15	645.05	252.13	522.82	0.	0.	388.00	400.00	0.
43.200	37.58	0.	37.86	17.00	0.	295.00	0.	0.	0.	386.00	403.00	0.
43.200	39.11	0.	39.73	17.00	0.	605.00	0.	0.	0.	386.00	403.00	0.
43.200	39.82	0.	40.67	17.00	0.	800.00	0.	0.	0.	386.00	403.00	0.
* 43.200	41.53	0.	43.20	17.00	0.	1420.00	0.	0.	0.	386.00	403.00	0.
* 43.300	38.11	0.	38.33	17.00	0.	295.00	0.	0.	0.	386.00	403.00	0.
* 43.300	43.05	0.	43.26	17.00	0.	605.00	0.	0.	0.	386.00	403.00	0.
* 43.300	46.56	0.	46.70	83.40	46.49	701.23	52.28	0.	0.	386.00	403.00	0.
* 43.300	47.22	0.	47.57	310.20	103.19	1202.77	114.04	0.	0.	386.00	403.00	0.
43.400	38.42	0.	38.42	254.23	122.03	65.41	107.56	0.	0.	388.00	400.00	0.
43.400	43.33	0.	43.33	362.45	307.19	81.79	216.01	0.	0.	388.00	400.00	0.
43.400	46.74	0.	46.74	466.73	432.65	89.07	278.28	0.	0.	388.00	400.00	0.
43.400	47.68	0.	47.68	487.73	779.28	150.71	490.01	0.	0.	388.00	400.00	0.

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SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRINS	EG	10K*S	VCH	AREA	*01K
41.000	-0.	0.	0.	21.90	295.00	26.79	25.69	27.11	294.32	4.58	67.57	17.20
41.000	-0.	0.	0.	21.90	605.00	28.34	26.80	28.84	281.77	5.81	112.33	36.04
41.000	-0.	0.	0.	21.90	800.00	29.21	27.36	29.57	191.57	5.33	330.50	57.80
41.000	-0.	0.	0.	21.90	1420.00	31.33	29.57	31.35	18.46	2.09	2227.79	330.49
42.000	2620.00	0.	0.	30.50	295.00	36.52	34.85	36.54	18.38	1.72	436.74	68.80
42.000	2620.00	0.	0.	30.50	605.00	37.90	35.35	37.92	17.55	2.00	747.07	144.40
42.000	2620.00	0.	0.	30.50	800.00	38.56	35.57	38.58	17.66	2.15	911.46	190.38
42.000	2620.00	0.	0.	30.50	1420.00	39.17	36.04	39.22	35.30	3.22	1073.83	235.01
43.100	435.00	0.	0.	30.50	295.00	37.07	34.82	37.08	9.46	1.33	556.20	95.51
43.100	435.00	0.	0.	30.50	605.00	38.49	35.36	38.50	10.68	1.66	893.21	185.11
43.100	435.00	0.	0.	30.50	800.00	39.16	35.50	39.18	11.26	1.82	1071.89	238.41
43.100	435.00	0.	0.	30.50	1420.00	40.22	36.08	40.25	17.81	2.50	1374.20	336.46
43.200	100.00	0.	0.	31.80	295.00	37.58	35.58	37.86	119.45	4.24	69.62	26.59
43.200	100.00	0.	0.	31.80	605.00	39.11	36.85	39.73	174.07	6.32	95.69	45.86
43.200	100.00	0.	0.	31.80	800.00	39.82	37.56	40.67	204.28	7.42	107.84	55.57
43.200	100.00	0.	0.	31.80	1420.00	41.53	41.53	43.20	290.78	10.37	136.87	83.27
43.300	92.00	46.50	38.50	31.80	295.00	38.11	0.	38.33	78.90	3.74	78.85	33.21
43.300	92.00	46.50	38.50	31.80	605.00	43.05	0.	43.26	29.66	3.72	162.70	111.08
43.300	92.00	46.50	38.50	31.80	800.00	46.56	0.	46.70	14.04	3.15	353.66	213.50
43.300	92.00	46.50	38.50	31.80	1420.00	47.22	0.	47.57	35.13	5.15	497.32	239.57
43.400	50.00	0.	0.	30.50	295.00	38.42	34.84	38.42	2.68	.83	876.09	180.20
43.400	50.00	0.	0.	30.50	605.00	43.33	35.35	43.33	.66	.59	2404.50	746.45
43.400	50.00	0.	0.	30.50	800.00	46.74	35.57	46.74	.33	.50	3783.77	1397.07
43.400	50.00	0.	0.	30.50	1420.00	47.68	36.09	47.68	.77	.79	4230.52	1621.27



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SUMMARY PRINTOUT TABLE 150

SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
41.000	295.00	26.79	0.	0.	0.	27.38	-0.
41.000	605.00	28.34	1.55	0.	0.	30.37	-0.
41.000	800.00	29.21	.87	0.	0.	552.30	-0.
41.000	1420.00	31.33	2.12	0.	0.	1128.75	-0.
42.000	295.00	36.52	0.	9.73	0.	208.11	2620.00
42.000	605.00	37.90	1.38	9.56	0.	241.60	2620.00
42.000	800.00	38.56	.66	9.35	0.	257.58	2620.00
42.000	1420.00	39.17	.61	7.84	0.	272.45	2620.00
43.100	295.00	37.07	0.	.55	0.	221.60	435.00
43.100	605.00	38.49	1.41	.59	0.	255.86	435.00
43.100	800.00	39.16	.68	.61	0.	272.28	435.00
43.100	1420.00	40.22	1.06	1.05	0.	299.15	435.00
43.200	295.00	37.58	0.	.51	0.	17.00	100.00
43.200	605.00	39.11	1.52	.62	0.	17.00	100.00
43.200	800.00	39.82	.72	.66	0.	17.00	100.00
43.200	1420.00	41.53	1.71	1.31	0.	17.00	100.00
43.300	295.00	38.11	0.	.53	0.	17.00	92.00
43.300	605.00	43.05	4.93	3.94	0.	17.00	92.00
43.300	800.00	46.56	3.52	6.74	0.	83.40	92.00
43.300	1420.00	47.22	.65	5.69	0.	310.20	92.00
43.400	295.00	38.42	0.	.30	0.	254.23	50.00
43.400	605.00	43.33	4.91	.28	0.	262.45	50.00
43.400	800.00	46.74	3.41	.18	0.	466.73	50.00
43.400	1420.00	47.68	.93	.46	0.	487.73	50.00

FLOODWAY DATA . AR  
 PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
41.000	30.	112.	5.4	28.4	26.8	1.6
42.000	242.	747.	.8	37.9	36.5	1.4
43.100	256.	893.	.7	38.5	37.1	1.4
43.200	17.	96.	6.3	39.1	37.6	1.5
43.300	17.	163.	3.7	43.0	38.1	4.9
43.400	362.	2405.	.3	43.3	38.4	4.9

FLOODWAY DATA, AR  
 PROFILE NO. 3

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
41.000	698.	330.	2.4	29.2	26.8	2.4
42.000	258.	911.	.9	38.5	36.5	2.0
43.100	272.	1072.	.7	39.2	37.1	2.1
43.200	17.	108.	7.4	39.8	37.6	2.2
43.300	83.	354.	2.3	46.5	38.1	8.4
43.400	467.	3784.	.2	46.7	38.4	8.3

FLOODWAY DATA AR  
PROFILE NO. 4

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
41.000	1129.	2228.	.6	31.3	26.8	4.5
42.000	272.	1074.	1.3	39.2	36.5	2.7
43.100	299.	1374.	1.0	40.3	37.1	3.2
43.200	17.	137.	10.4	41.5	37.6	3.9
43.300	310.	497.	2.9	47.2	38.1	9.1
43.400	488.	4231.	.3	47.7	38.4	9.3

THIS RUN EXECUTED 30 JUL 81 08.58.41

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 MOORES BASIN-BILL BRANCH  
 T2 PENDER CO N CAROLINA  
 T3 100 YEAR FLOOD

J1	ICHECK	INW	NINW	IDIP	STRT	METRIC	IVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	29.210	-0.
J2	HPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	201.000	150.000	-0.	-0.	-0.	-0.	-0.	-0.
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEO	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	295.000	605.000	800.000	1420.000	800.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	41.000	29.000	1978.000	2003.500	-0.	-0.	-0.	-0.	-0.	-0.
GR	36.700	0.	34.800	300.000	34.600	500.000	34.200	600.000	28.600	1400.000
GR	28.400	1500.000	29.000	1600.000	29.000	1771.000	29.700	1978.000	25.400	1982.000
GR	25.400	1988.000	23.700	1988.500	22.700	1989.500	21.900	1991.500	22.700	1993.500
GR	23.700	1994.500	25.400	1995.000	25.700	1996.500	24.000	1997.000	23.000	1998.000
GR	22.200	2000.000	23.000	2002.000	25.700	2003.500	25.700	2007.000	29.700	2011.000
GR	30.400	2100.000	32.800	2200.000	36.400	2300.000	40.200	2400.000	-0.	-0.
X1	42.000	19.000	388.000	400.000	3150.000	2650.000	2620.000	-0.	-0.	-0.
GR	49.400	0.	50.800	54.000	47.300	67.000	45.800	100.000	46.100	124.000
GR	40.400	200.000	35.500	300.000	34.400	315.000	34.200	388.000	31.200	391.000
GR	30.500	394.000	31.200	397.000	34.500	400.000	34.100	478.000	39.800	500.000
GR	47.200	549.000	52.800	600.000	51.200	700.000	51.900	800.000	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.



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 MEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
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T1 MOORES BASIN-BILL BRANCH  
 T2 PENDER COUNTY  
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	30.210	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IMLEG = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYRE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 30 JUL 81 08.58.41

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 ERROR CORR - 01.02.03.04  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
41.000	29.21	0.	29.57	552.30	118.51	644.99	36.50	0.	0.	1978.00	2003.50	0.
41.000	30.21	1.00	30.67	25.50	0.	800.00	0.	.56	1978.00	1978.00	2003.50	2003.50
42.000	38.56	0.	38.58	257.58	333.95	173.79	292.26	0.	0.	388.00	400.00	0.
42.000	39.54	.99	39.58	136.97	332.40	218.46	249.14	.30	317.65	388.00	400.00	454.62
43.100	39.16	0.	39.18	272.28	346.04	160.17	293.80	0.	0.	388.00	400.00	0.
43.100	40.13	.96	40.14	155.14	347.96	188.01	264.04	.23	307.92	388.00	400.00	463.06
43.200	39.82	0.	40.67	17.00	0.	800.00	0.	0.	0.	386.00	403.00	0.
43.200	40.82	1.00	41.45	17.00	0.	800.00	0.	0.	386.00	386.00	403.00	403.00
* 43.300	46.56	0.	46.70	83.40	46.49	701.23	52.28	0.	0.	386.00	403.00	0.
* 43.300	47.56	1.00	47.72	22.19	10.22	773.42	16.36	.14	383.69	386.00	403.00	405.69
43.400	46.74	0.	46.74	466.73	432.65	89.07	278.28	0.	0.	388.00	400.00	0.
43.400	47.77	1.02	47.77	281.25	445.16	96.66	258.18	.12	204.74	388.00	400.00	485.59



EAR FLOOD

SJMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K+S	VCH	AREA	•01K
41.000	-0.	0.	0.	21.90	800.00	29.21	27.36	29.57	191.57	5.33	330.50	57.60
41.000	-0.	0.	0.	21.90	800.00	30.21	27.40	30.67	192.00	5.46	146.44	57.73
42.000	2620.00	0.	0.	30.50	800.00	38.56	35.57	38.58	17.66	2.15	911.46	190.38
42.000	2620.00	0.	0.	30.50	800.00	39.54	35.72	39.58	17.69	2.35	745.11	190.19
43.100	435.00	0.	0.	30.50	800.00	39.16	35.50	39.18	11.26	1.82	1071.89	238.41
43.100	435.00	0.	0.	30.50	800.00	40.13	35.57	40.14	10.29	1.88	928.58	249.36
43.200	100.00	0.	0.	31.80	800.00	39.82	37.56	40.67	204.28	7.42	107.84	55.57
43.200	100.00	0.	0.	31.80	800.00	40.82	37.54	41.45	189.78	6.41	124.78	58.67
* 43.300	92.00	46.50	38.50	31.80	800.00	46.56	0.	46.70	14.04	3.15	353.66	213.50
* 43.30J	92.00	999999.00	0.	31.80	800.00	47.56	37.55	47.72	13.38	3.23	298.07	218.74
43.400	50.00	0.	0.	30.50	800.00	46.74	35.57	46.74	.33	.50	3783.77	1397.07
43.400	50.00	0.	0.	30.50	800.00	47.77	35.50	47.77	.31	.50	3463.87	1437.41

## EAR FLOOD

## SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TCPWID	XLCH
41.000	800.00	29.21	0.	0.	0.	552.30	-0.
41.000	800.00	30.21	1.00	0.	1.00	25.50	-0.
42.000	800.00	38.56	0.	9.35	0.	257.58	2620.00
42.000	800.00	39.54	.99	9.33	.99	136.97	2620.00
43.100	800.00	39.16	0.	.61	0.	272.28	435.00
43.100	800.00	40.13	.96	.58	.96	155.14	435.00
43.200	800.00	39.82	0.	.66	0.	17.00	100.00
43.200	800.00	40.82	1.00	.69	1.00	17.00	100.00
* 43.300	800.00	46.56	0.	6.74	0.	83.40	92.00
* 43.300	800.00	47.56	1.00	6.74	1.00	22.19	92.00
43.400	800.00	46.74	0.	.18	0.	466.73	50.00
43.400	800.00	47.77	1.02	.21	1.02	281.25	50.00

FLOODWAY DATA EAR FLOOD  
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
A 41.000	26.	146.	5.5	30.2	29.2	1.0
B 42.000	137.	745.	1.1	39.6	38.6	1.0
43.100	155.	929.	.9	40.2	39.2	1.0
43.200	17.	125.	6.4	40.8	39.8	1.0
43.300	22.	298.	2.7	47.6	46.6	1.0
43.400	281.	3464.	.2	47.7	46.7	1.0