

STILL

BRANCH

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

STILL BRANCH

T1 CITY OF MONROE, NC SEPT. 1980
 T2 10 YEAR FLOOD
 T3 STILL BR. MAIN BRANCH

PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.015480	0.0	0.0	0.	519.230	0.0
J2	NPROF	IPLLOT	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	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	930.000	1520.000	1790.000	2530.000	1790.000	0.0	0.0	0.0	0.0
NC	0.070	0.120	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	0.0	18.000	315.000	337.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	550.000	100.000	540.000	140.000	530.000	175.000	524.000	190.000	522.000	235.000
GR	520.000	285.000	517.600	315.000	514.600	320.000	514.600	330.000	518.000	337.000
GR	520.000	375.000	522.000	480.000	524.000	550.000	528.000	630.000	532.000	690.000
GR	534.000	700.000	536.000	715.000	550.000	735.000	0.0	0.0	0.0	0.0
NH	5.000	0.180	210.000	0.065	305.000	0.040	323.000	0.065	425.000	0.250
NH	730.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	420.000	25.000	305.000	323.000	420.000	420.000	420.000	0.0	0.0	0.0
GR	549.000	100.000	542.800	182.000	532.400	200.000	527.600	210.000	528.100	216.000
GR	528.900	227.000	529.700	237.000	529.200	247.000	528.800	250.000	526.400	255.000
GR	524.400	300.000	524.100	305.000	521.100	310.000	521.400	320.000	523.900	323.000
GR	524.600	350.000	524.200	425.000	526.000	490.000	528.000	535.000	530.000	550.000
GR	532.000	585.000	536.000	615.000	546.000	670.000	548.000	725.000	550.000	730.000
NH	5.000	0.180	187.000	0.065	300.000	0.040	321.000	0.065	450.000	0.250
NH	630.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	655.000	25.000	300.000	321.000	235.000	235.000	235.000	0.0	0.0	0.0
GR	549.000	100.000	540.300	150.000	530.600	170.000	529.800	181.000	528.900	184.000
GR	529.800	187.000	530.500	195.000	530.700	202.000	530.500	212.000	529.500	224.000
GR	527.400	229.000	526.300	250.000	524.800	300.000	522.600	306.000	522.500	315.000
GR	525.400	321.000	526.200	350.000	526.000	450.000	528.000	495.000	530.000	515.000
GR	542.000	560.000	544.000	575.000	546.000	615.000	548.000	620.000	550.000	630.000
NC	0.065	0.071	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	885.000	30.000	329.000	345.000	230.000	230.000	230.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	549.000	100.000	542.300	150.000	542.200	169.000	539.200	181.000	531.600	190.000
GR	531.100	200.000	530.700	205.000	530.300	206.000	531.200	209.000	531.900	212.000

MOORE BUSINESS FORMS, INC. MADE IN USA

GR	532.200	216.000	532.200	226.000	531.700	236.000	530.700	245.000	527.500	250.000
GR	527.700	300.000	527.500	329.000	523.900	334.000	524.000	341.000	526.900	345.000
GR	528.200	350.000	527.900	370.000	528.000	450.000	530.000	505.000	532.000	515.000
GR	534.000	545.000	538.000	570.000	546.000	610.000	548.000	615.000	550.000	700.000
QT	5.000	590.000	1020.000	1220.000	1790.000	1220.000	0.0	0.0	0.0	0.0
NC	0.080	0.090	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1305.000	19.000	518.000	532.000	420.000	420.000	420.000	0.0	0.0	0.0
GR	550.000	100.000	548.000	220.000	546.000	240.000	544.000	265.000	542.000	300.000
GR	540.000	345.000	538.000	380.000	536.000	405.000	534.000	445.000	532.000	518.000
GR	529.200	523.000	529.200	528.000	531.900	532.000	532.000	575.000	534.000	630.000
GR	540.000	700.000	542.000	710.000	544.000	715.000	550.000	745.000	0.0	0.0
NC	0.090	0.120	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1700.000	18.000	244.000	256.000	395.000	395.000	395.000	0.0	0.0	0.0
GR	560.000	100.000	554.000	150.000	552.000	170.000	548.000	190.000	546.000	195.000
GR	542.000	215.000	540.000	230.000	538.000	235.000	536.000	244.000	533.200	248.000
GR	533.200	252.000	536.000	256.000	538.000	290.000	540.000	310.000	544.000	330.000
GR	548.000	360.000	550.000	365.000	560.000	390.000	0.0	0.0	0.0	0.0

X1	2085.000	17.000	269.000	281.000	385.000	385.000	385.000	0.0	0.0	0.0
GR	570.000	100.000	566.000	130.000	564.000	150.000	562.000	160.000	560.000	175.000
GR	558.000	180.000	546.000	240.000	544.000	255.000	542.500	269.000	539.500	273.000
GR	539.500	277.000	542.500	281.000	544.000	295.000	550.000	335.000	562.000	360.000
GR	568.000	390.000	570.000	395.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	2485.000	19.000	264.000	276.000	400.000	400.000	400.000	0.0	0.0	0.0
GR	580.000	100.000	578.000	120.000	576.000	130.000	568.000	190.000	558.000	240.000
GR	556.000	245.000	552.000	264.000	548.400	268.000	548.400	272.000	552.000	276.000
GR	560.000	290.000	562.000	310.000	564.000	335.000	566.000	345.000	568.000	360.000
GR	570.000	385.000	572.000	400.000	574.000	425.000	580.000	460.000	0.0	0.0
NC	0.070	0.080	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	2920.000	25.000	395.000	405.000	435.000	435.000	435.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	125.000	584.000	230.000	582.000	240.000	580.000	265.000
GR	570.000	315.000	568.000	320.000	566.000	335.000	564.000	345.000	562.000	350.000
GR	560.000	360.000	556.000	390.000	555.800	395.000	552.400	398.000	552.400	402.000
GR	555.800	405.000	556.000	415.000	560.000	445.000	570.000	480.000	572.000	485.000
GR	578.000	515.000	580.000	530.000	582.000	540.000	586.000	580.000	590.000	610.000
NC	0.060	0.070	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	3225.000	20.000	385.000	395.000	305.000	305.000	305.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	125.000	580.000	185.000	576.000	195.000	572.000	225.000
GR	570.000	235.000	564.000	280.000	562.000	350.000	560.000	375.000	558.900	385.000
GR	555.400	388.000	555.400	392.000	558.900	395.000	560.000	405.000	562.000	415.000
GR	564.000	425.000	572.000	445.000	578.000	475.000	580.000	480.000	584.000	500.000
NC	0.060	0.400	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	3530.000	20.000	330.000	360.000	305.000	305.000	305.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	590.000	100.000	582.000	235.000	576.000	280.000	574.000	310.000	570.000	330.000
GR	566.800	340.000	563.800	343.000	563.800	347.000	566.800	350.000	570.000	355.000
GR	571.700	360.000	570.000	365.000	560.000	395.000	560.000	495.000	562.000	500.000
GR	566.000	535.000	568.000	545.000	570.000	550.000	582.000	580.000	588.000	610.000
NC	0.400	0.060	0.060	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	3650.000	31.000	366.700	373.300	120.000	120.000	120.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	571.000	571.000	0.0

PRINTED IN USA
MOORE BUSINESS FORMS, INC.

GR	590.000	100.000	588.000	125.000	586.000	170.000	584.000	205.000	580.000	250.000
GR	578.000	270.000	576.000	285.000	574.000	305.000	572.000	340.000	570.000	360.000
GR	567.550	366.700	567.070	367.000	566.780	367.500	566.690	368.000	566.590	368.500
GR	566.530	369.000	566.510	369.500	566.500	370.000	566.510	370.500	566.530	371.000
GR	566.590	371.500	566.690	372.000	566.780	372.500	567.070	373.000	566.550	373.300
GR	570.000	375.000	572.150	380.000	572.500	390.000	574.000	500.000	576.000	655.000
GR	578.000	720.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.0	1.560	3.000	0.0	6.060	0.0	20.000	0.0	566.500	566.500

X1	3710.000	0.0	0.0	0.0	60.000	60.000	60.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	569.800	571.800	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	571.800	571.800	0.0
BT	31.000	100.000	590.000	590.000	125.000	588.000	588.000	170.000	586.000	586.000
BT	205.000	584.000	584.000	250.000	580.000	580.000	270.000	578.000	578.000	285.000
BT	576.000	576.000	305.000	574.000	574.000	340.000	572.000	572.000	360.000	571.900
BT	570.000	366.700	571.820	567.550	367.000	571.820	568.290	367.500	571.820	568.810
BT	368.000	571.810	569.190	368.500	571.810	569.420	369.000	571.810	569.650	369.500
BT	571.800	569.790	370.000	571.800	569.800	370.500	571.820	569.790	371.000	571.840
BT	569.650	371.500	571.850	569.420	372.000	571.870	569.190	372.500	571.890	568.810
BT	373.000	571.910	568.290	373.300	571.920	567.550	375.000	571.980	570.000	380.000
BT	572.150	572.150	390.000	572.500	572.500	500.000	574.000	574.000	655.000	576.000
BT	576.000	720.000	578.000	578.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.050	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	3770.000	20.000	530.000	540.000	60.000	60.000	60.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	195.000	586.000	265.000	584.000	310.000	582.000	335.000
GR	580.000	370.000	578.000	390.000	574.000	480.000	572.000	515.000	570.200	530.000
GR	567.200	534.000	567.200	537.000	570.200	540.000	572.000	545.000	574.000	565.000
GR	576.000	570.000	580.000	590.000	584.000	600.000	586.000	615.000	588.000	620.000

X1	3890.000	18.000	445.000	455.000	120.000	120.000	120.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	195.000	586.000	265.000	584.000	310.000	580.000	360.000
GR	578.000	370.000	574.000	400.000	572.000	440.000	571.400	445.000	568.400	448.000
GR	568.400	451.000	571.400	455.000	572.000	460.000	574.000	490.000	576.000	500.000
GR	580.000	510.000	582.000	525.000	590.000	570.000	0.0	0.0	0.0	0.0
NC	0.070	0.060	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4245.000	16.000	435.000	445.000	355.000	355.000	355.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	185.000	586.000	195.000	582.000	310.000	580.000	340.000
GR	578.000	400.000	576.000	430.000	575.800	435.000	572.000	438.000	572.000	441.000
GR	575.800	445.000	576.000	450.000	578.000	575.000	580.000	595.000	582.000	620.000
GR	590.000	670.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.050	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4570.000	14.000	500.000	510.000	325.000	325.000	325.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	290.000	584.000	400.000	582.000	430.000	580.000	485.000
GR	577.900	500.000	574.500	503.000	574.500	506.000	578.000	510.000	580.000	520.000
GR	582.000	570.000	584.000	595.000	588.000	635.000	590.000	650.000	0.0	0.0
NC	0.040	0.050	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4740.000	16.000	660.000	670.000	170.000	170.000	170.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	120.000	586.000	200.000	584.000	440.000	583.000	480.000
GR	582.000	590.000	580.000	640.000	579.000	660.000	575.900	663.000	575.900	666.000
GR	579.000	570.000	580.000	675.000	582.000	680.000	586.000	720.000	588.000	785.000
GR	590.000	800.000	0.0	0.0	0.0	0.0	0.0	0.0	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

MOORE BUSINESS FORMS INC. PRINTED IN U.S.A.

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 CITY OF MONROE, NC
T2 50 YEAR FLOOD
T3 STILL BRANCH MAIN BRANCH

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	3.	0.	0.	0.015480	0.0	0.0	0.	520.250	0.0
J2	NPROF	IPLOT	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

MOORE BUSINESS FORMS, INC. PRINTED IN USA

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR = 01,02,03
MODIFICATION = 50,51,52,53

T1 CITY OF MONROE, NC
T2 100 YEAR FLOOD
T3 STILL BRANCH MAIN BRANCH

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.015480	0.0	0.0	0.	520.630	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

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HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 CITY OF MONROE, NC
T2 500 YEAR FLOOD
T3 STILL BRANCH MAIN BRANCH

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	5.	0.	0.	0.015480	0.0	0.0	0.	521,420	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOORE BUSINESS FORMS, INC. PRINTED IN USA

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
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THIS RUN EXECUTED 10/29/80 15:25:33

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

STILL BR. MAIN BRANCH

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLCC	ELMIN	Q	CWSEL	CRIMS	EG	10K*5	VCH	AREA	.01K
*	0.0	0.0	0.0	514.60	930.00	519.50	519.50	520.85	117.29	9.70	132.13	85.87
*	0.0	0.0	0.0	514.60	1520.00	520.84	520.84	522.08	85.77	10.05	276.37	164.12
*	0.0	0.0	0.0	514.60	1790.00	521.23	521.23	522.48	83.21	10.38	343.01	196.23
*	0.0	0.0	0.0	514.60	2530.00	522.14	522.14	523.33	74.98	10.86	543.19	292.18
*	420.000	420.00	0.0	521.10	930.00	525.65	525.65	526.23	85.92	7.87	262.13	100.33
*	420.000	420.00	0.0	521.10	1520.00	526.19	526.19	526.89	100.04	9.29	381.94	151.97
*	420.000	420.00	0.0	521.10	1790.00	526.40	526.40	527.13	104.26	9.78	431.95	175.31
*	420.000	420.00	0.0	521.10	2530.00	526.83	526.83	527.70	120.94	11.19	538.32	230.05
*	655.000	235.00	0.0	522.50	930.00	527.29	0.0	527.56	38.41	5.62	359.94	150.06
*	655.000	235.00	0.0	522.50	1520.00	527.99	0.0	528.27	36.84	6.14	543.55	250.41
*	655.000	235.00	0.0	522.50	1790.00	528.26	0.0	528.54	36.94	6.37	614.71	294.53
*	655.000	235.00	0.0	522.50	2530.00	528.90	0.0	529.21	37.24	6.94	790.06	414.56
*	885.000	230.00	0.0	523.90	930.00	528.81	528.81	529.42	92.33	8.20	258.76	96.79
*	885.000	230.00	0.0	523.90	1520.00	529.34	529.34	529.97	97.06	9.14	382.06	154.28
*	885.000	230.00	0.0	523.90	1790.00	529.53	529.53	530.19	100.04	9.55	429.01	178.97
*	885.000	230.00	0.0	523.90	2530.00	529.96	0.0	530.71	109.90	10.62	538.15	241.34
*	1305.000	420.00	0.0	529.20	990.00	533.41	0.0	533.89	134.75	7.16	172.48	50.83
*	1305.000	420.00	0.0	529.20	1020.00	534.07	0.0	534.56	131.02	7.97	284.21	89.11
*	1305.000	420.00	0.0	529.20	1220.00	534.33	0.0	534.80	125.78	8.13	331.42	108.78
*	1305.000	420.00	0.0	529.20	1790.00	534.94	534.48	535.40	112.52	8.44	460.66	168.75
*	1700.000	395.00	0.0	533.20	990.00	538.76	0.0	539.39	141.66	7.47	134.66	49.57
*	1700.000	395.00	0.0	533.20	1020.00	539.68	0.0	540.53	169.66	9.22	199.05	78.31
*	1700.000	395.00	0.0	533.20	1220.00	539.96	0.0	540.94	186.28	10.01	222.34	89.39
*	1700.000	395.00	0.0	533.20	1790.00	540.59	0.0	541.93	240.60	12.15	273.35	115.40
*	2085.000	385.00	0.0	539.50	990.00	544.94	0.0	545.80	193.95	8.41	106.83	42.37
*	2085.000	385.00	0.0	539.50	1020.00	546.19	0.0	547.09	170.08	9.29	184.29	78.21
*	2085.000	385.00	0.0	539.50	1220.00	546.68	0.0	547.58	159.89	9.51	219.95	96.48
*	2085.000	385.00	0.0	539.50	1790.00	547.91	0.0	548.79	135.38	9.88	323.26	153.84
*	2485.000	400.00	0.0	548.40	990.00	554.08	553.98	555.62	305.75	10.26	67.94	33.74
*	2485.000	400.00	0.0	548.40	1020.00	555.50	555.50	557.53	303.73	12.28	110.66	58.53
*	2485.000	400.00	0.0	548.40	1220.00	556.26	556.26	558.19	256.97	12.24	138.94	76.11
*	2485.000	400.00	0.0	548.40	1790.00	557.48	557.48	559.72	256.45	13.68	189.88	111.78

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
2920.000	435.00	0.0	0.0	552.40	590.00	559.46	0.0	559.64	41.91	4.45	203.22	91.13
2920.000	435.00	0.0	0.0	552.40	1020.00	560.90	0.0	561.09	34.76	4.68	328.12	173.01
2920.000	435.00	0.0	0.0	552.40	1220.00	561.39	0.0	561.59	34.74	4.87	372.57	206.99
2920.000	435.00	0.0	0.0	552.40	1790.00	562.69	0.0	562.91	31.38	5.12	505.93	319.53
3225.000	305.00	0.0	0.0	555.40	590.00	561.38	0.0	562.04	164.01	7.63	104.41	46.07
3225.000	305.00	0.0	0.0	555.40	1020.00	562.47	0.0	563.12	140.67	8.07	176.45	86.00
3225.000	305.00	0.0	0.0	555.40	1220.00	562.92	0.0	563.53	124.58	7.96	217.67	109.31
3225.000	305.00	0.0	0.0	555.40	1790.00	564.02	0.0	564.50	89.46	7.49	353.32	189.25
* 3530.000	305.00	0.0	0.0	563.80	590.00	569.33	569.33	570.77	467.99	9.62	61.32	27.27
* 3530.000	305.00	0.0	0.0	563.80	1020.00	570.72	570.72	572.46	412.24	10.63	96.97	50.24
* 3530.000	305.00	0.0	0.0	563.80	1220.00	571.22	571.22	573.08	394.05	11.01	113.32	61.46
* 3530.000	305.00	0.0	0.0	563.80	1790.00	571.92	571.92	571.95	20.44	2.73	1944.49	395.89
* 3650.000	120.00	0.0	0.0	566.50	590.00	573.26	573.26	574.07	119.14	8.82	182.44	54.05
3650.000	120.00	0.0	0.0	566.50	1020.00	574.31	0.0	574.83	89.79	8.45	366.33	107.64
3650.000	120.00	0.0	0.0	566.50	1220.00	574.77	0.0	575.14	66.76	7.58	478.83	149.32
* 3650.000	120.00	0.0	0.0	566.50	1790.00	574.84	574.84	575.56	131.69	10.70	495.87	155.98
3710.000	60.00	571.80	569.80	566.50	590.00	573.40	0.0	574.07	100.58	8.22	201.86	58.83
3710.000	60.00	571.80	569.80	566.50	1020.00	574.33	0.0	574.83	86.24	8.30	372.56	109.84
3710.000	60.00	571.80	569.80	566.50	1220.00	574.78	0.0	575.14	65.24	7.50	483.27	151.05
3710.000	60.00	571.80	569.80	566.50	1790.00	574.95	0.0	575.56	112.27	9.98	528.38	169.94
3770.000	60.00	0.0	0.0	567.20	590.00	574.26	0.0	574.43	30.23	3.94	193.97	107.31
3770.000	60.00	0.0	0.0	567.20	1020.00	574.95	0.0	575.21	41.17	4.94	262.89	158.96
3770.000	60.00	0.0	0.0	567.20	1220.00	575.17	0.0	575.47	46.59	5.37	287.84	178.73
3770.000	60.00	0.0	0.0	567.20	1790.00	575.62	0.0	576.07	64.56	6.59	341.30	222.78
3890.000	120.00	0.0	0.0	568.40	590.00	574.67	0.0	574.81	34.00	3.80	201.32	101.19
3890.000	120.00	0.0	0.0	568.40	1020.00	575.47	0.0	575.68	37.17	4.37	284.46	167.29
3890.000	120.00	0.0	0.0	568.40	1220.00	575.75	0.0	575.99	39.33	4.63	315.43	194.55
3890.000	120.00	0.0	0.0	568.40	1790.00	576.40	0.0	576.73	45.40	5.31	390.04	265.66
* 4245.000	355.00	0.0	0.0	572.00	590.00	577.38	577.38	577.95	224.70	7.78	129.27	39.36
* 4245.000	355.00	0.0	0.0	572.00	1020.00	577.92	577.92	578.51	234.96	8.64	208.32	66.54
4245.000	355.00	0.0	0.0	572.00	1220.00	578.21	578.14	578.69	187.84	8.05	259.81	89.01
4245.000	355.00	0.0	0.0	572.00	1790.00	578.88	0.0	579.27	126.29	7.20	393.48	159.28
4570.000	325.00	0.0	0.0	574.50	590.00	581.24	0.0	581.52	64.11	5.25	152.12	73.68
4570.000	325.00	0.0	0.0	574.50	1020.00	582.00	0.0	582.32	69.52	5.95	242.77	122.33
4570.000	325.00	0.0	0.0	574.50	1220.00	582.14	0.0	582.53	80.74	6.51	263.50	135.77
4570.000	325.00	0.0	0.0	574.50	1790.00	582.51	0.0	583.06	105.68	7.73	318.64	174.13
4740.000	170.00	0.0	0.0	575.90	590.00	582.08	0.0	582.27	31.59	4.29	175.49	104.97
4740.000	170.00	0.0	0.0	575.90	1020.00	582.88	0.0	583.09	30.54	4.65	293.70	184.57
4740.000	170.00	0.0	0.0	575.90	1220.00	583.14	0.0	583.35	30.42	4.78	346.90	221.19
4740.000	170.00	0.0	0.0	575.90	1790.00	583.73	0.0	583.95	29.47	4.99	483.09	329.73

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFMSX	DIFKWS	TOPMID	XLCH
*	0.0	930.00	519.50	0.0	0.0	74.16	0.0
*	0.0	1520.00	520.84	1.34	0.0	155.11	0.0
*	0.0	1790.00	521.23	0.39	0.0	185.44	0.0
*	0.0	2530.00	522.14	0.91	0.0	253.03	0.0
*	420.000	930.00	525.65	0.0	0.0	205.42	420.00
*	420.000	1520.00	526.19	0.54	0.0	234.61	420.00
*	420.000	1790.00	526.40	0.21	0.0	244.00	420.00
*	420.000	2530.00	526.83	0.43	0.0	254.50	420.00
*	655.000	930.00	527.29	0.0	0.0	247.65	235.00
*	655.000	1520.00	527.99	0.71	0.0	267.29	235.00
*	655.000	1790.00	528.26	0.26	0.0	270.63	235.00
*	655.000	2530.00	528.90	0.64	0.0	278.54	235.00
*	885.000	930.00	528.81	0.0	0.0	224.25	230.00
*	885.000	1520.00	529.34	0.53	0.0	239.70	230.00
*	885.000	1790.00	529.53	0.19	0.0	245.33	230.00
*	885.000	2530.00	529.96	0.43	0.0	257.93	230.00
*	1305.000	930.00	533.41	0.0	0.0	147.03	420.00
*	1305.000	1020.00	534.07	0.66	0.0	187.25	420.00
*	1305.000	1220.00	534.33	0.25	0.0	195.07	420.00
*	1305.000	1790.00	534.94	0.61	0.0	215.03	420.00
*	1700.000	930.00	538.76	0.0	0.0	64.47	395.00
*	1700.000	1020.00	539.68	0.92	0.0	75.93	395.00
*	1700.000	1220.00	539.96	0.29	0.0	79.68	395.00
*	1700.000	1790.00	540.59	0.62	0.0	87.31	395.00
*	2085.000	930.00	544.94	0.0	0.0	53.31	385.00
*	2085.000	1020.00	546.19	1.25	0.0	70.51	385.00
*	2085.000	1220.00	546.68	0.50	0.0	76.18	385.00
*	2085.000	1790.00	547.91	1.23	0.0	90.63	385.00
*	2485.000	930.00	554.08	0.0	0.0	25.55	400.00
*	2485.000	1020.00	555.50	1.42	0.0	34.76	400.00
*	2485.000	1220.00	556.26	0.76	0.0	39.12	400.00
*	2485.000	1790.00	557.48	1.22	0.0	44.31	400.00
*	2920.000	930.00	559.46	0.0	0.0	76.83	435.00
*	2920.000	1020.00	560.90	1.45	0.0	92.73	435.00
*	2920.000	1220.00	561.39	0.48	0.0	96.72	435.00
*	2920.000	1790.00	562.69	1.30	0.0	106.13	435.00
*	3225.000	930.00	561.38	0.0	0.0	54.10	305.00
*	3225.000	1020.00	562.47	1.09	0.0	83.79	305.00
*	3225.000	1220.00	562.92	0.45	0.0	101.58	305.00
*	3225.000	1790.00	564.02	1.10	0.0	145.13	305.00
*	3530.000	930.00	569.33	0.0	0.0	21.86	305.00
*	3530.000	1020.00	570.72	1.39	0.0	30.69	305.00
*	3530.000	1220.00	571.22	0.50	0.0	34.67	305.00
*	3530.000	1790.00	571.92	0.70	0.0	234.39	305.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 3650.000	590.00	573.26	0.0	3.93	0.0	127.76	120.00
3650.000	1020.00	574.31	1.05	3.59	0.0	222.04	120.00
3650.000	1220.00	574.77	0.46	3.55	0.0	262.65	120.00
* 3650.000	1790.00	574.84	0.07	2.92	0.0	268.27	120.00
3710.000	590.00	573.40	0.0	0.14	0.0	140.89	60.00
3710.000	1020.00	574.33	0.94	0.02	0.0	224.48	60.00
3710.000	1220.00	574.78	0.45	0.01	0.0	264.13	60.00
3710.000	1790.00	574.95	0.17	0.11	0.0	278.67	60.00
3770.000	590.00	574.26	0.0	0.87	0.0	91.64	60.00
3770.000	1020.00	574.95	0.69	0.62	0.0	108.83	60.00
3770.000	1220.00	575.17	0.22	0.39	0.0	114.42	60.00
3770.000	1790.00	575.62	0.45	0.67	0.0	125.56	60.00
3890.000	590.00	574.67	0.0	0.40	0.0	98.34	120.00
3890.000	1020.00	575.47	0.81	0.52	0.0	108.39	120.00
3890.000	1220.00	575.75	0.28	0.58	0.0	111.91	120.00
3890.000	1790.00	576.40	0.64	0.78	0.0	118.98	120.00
* 4245.000	590.00	577.38	0.0	2.72	0.0	127.05	355.00
* 4245.000	1020.00	577.92	0.53	2.45	0.0	168.51	355.00
4245.000	1220.00	578.21	0.29	2.46	0.0	183.29	355.00
4245.000	1790.00	578.88	0.67	2.48	0.0	210.44	355.00
4570.000	590.00	581.24	0.0	3.85	0.0	99.95	325.00
4570.000	1020.00	582.00	0.76	4.08	0.0	139.67	325.00
4570.000	1220.00	582.14	0.15	3.93	0.0	143.85	325.00
4570.000	1790.00	582.51	0.37	3.63	0.0	154.03	325.00
4740.000	590.00	582.08	0.0	0.84	0.0	99.90	170.00
4740.000	1020.00	582.88	0.80	0.89	0.0	195.83	170.00
4740.000	1220.00	583.14	0.25	0.99	0.0	216.85	170.00
4740.000	1790.00	583.73	0.59	1.21	0.0	246.26	170.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.0 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.0 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.0 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.0 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 420.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 420.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 420.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 420.000 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 885.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 885.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 885.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 885.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 885.000 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2485.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2485.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2485.000 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 3530.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3530.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3530.000 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 3530.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3530.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 3530.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3530.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3530.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 3650.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3650.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3650.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3650.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 4245.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 4245.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 4245.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 4245.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

FLOOD INSURANCE ZONE DATA FOR STILL BR. MAIN BRANCH

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10-	2-	0.2-
0.0	0.	-1.73	-0.39	0.91
420.000	420.	-0.75	-0.21	0.43
655.000	655.	-0.97	-0.26	0.64
885.000	885.	-0.73	-0.19	0.43
1305.000	1305.	-0.92	-0.25	0.61
1700.000	1700.	-1.21	-0.29	0.62
2085.000	2085.	-1.74	-0.50	1.23
2485.000	2485.	-2.18	-0.76	1.22
2920.000	2920.	-1.93	-0.48	1.30
3225.000	3225.	-1.54	-0.45	1.10
3530.000	3530.	-1.89	-0.50	0.70
3650.000	3650.	-1.51	-0.46	0.07
3710.000	3710.	-1.39	-0.45	0.17
3770.000	3770.	-0.91	-0.22	0.45
3890.000	3890.	-1.09	-0.28	0.64
4245.000	4245.	-0.83	-0.29	0.67
4570.000	4570.	-0.91	-0.15	0.37
4740.000	4740.	-1.06	-0.25	0.59

WEIGHTED AVG FOR REACH		-1.32	-0.37	0.77

FHF FOR THE REACH = 015 WITH 82.4% OF THE REACH WITHIN 0.5 FEET
 ZONE FOR THE REACH = A 3

MOORE BUSINESS FORMS, INC. PRINTED IN USA

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

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22" PRINTED IN USA
AFPORE BUSINESS FORMS, INC. 1

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

STILL BRANCH

T1 CITY OF MONROE, NC OCT. 1980
 T2 100 YEAR FLOOD
 T3 STILL BRANCH MAIN

FLOODWAY

J1	ICHECK	ING	NINV	IDIR	SIRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.0	0.0	0.0	0.	521,230	0.0

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

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ET	0.0	0.0	0.0	0.0	0.0	8.400	0.0	0.0	0.0	0.0
QT	5.000	930.000	1520.000	1790.000	2530.000	1790.000	0.0	0.0	0.0	0.0
NC	0.070	0.120	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	0.0	18.000	315.000	337.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	550.000	100.000	540.000	140.000	530.000	175.000	524.000	190.000	522.000	235.000
GR	520.000	285.000	517.600	315.000	514.600	320.000	514.600	330.000	518.000	337.000
GR	520.000	375.000	522.000	480.000	524.000	550.000	528.000	630.000	532.000	690.000
GR	534.000	700.000	536.000	715.000	550.000	735.000	0.0	0.0	0.0	0.0
NH	5.000	0.180	210.000	0.065	305.000	0.040	323.000	0.065	425.000	0.250
NH	730.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	420.000	25.000	305.000	323.000	420.000	420.000	420.000	0.0	0.0	0.0
GR	549.000	100.000	542.800	182.000	532.400	200.000	527.600	210.000	528.100	216.000
GR	528.900	227.000	529.700	237.000	529.200	247.000	528.800	250.000	526.400	255.000
GR	524.400	300.000	524.100	305.000	521.100	310.000	521.400	320.000	523.900	323.000
GR	524.600	350.000	524.200	425.000	526.000	490.000	528.000	535.000	530.000	550.000
GR	532.000	585.000	536.000	615.000	546.000	670.000	548.000	725.000	550.000	730.000
NH	5.000	0.180	187.000	0.065	300.000	0.040	321.000	0.065	450.000	0.250
NH	630.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	655.000	25.000	300.000	321.000	235.000	235.000	235.000	0.0	0.0	0.0
GR	549.000	100.000	540.300	150.000	530.600	170.000	529.800	181.000	528.900	184.000
GR	529.800	187.000	530.500	195.000	530.700	202.000	530.500	212.000	529.500	224.000
GR	527.400	229.000	526.300	250.000	524.800	300.000	522.600	306.000	522.500	315.000
GR	525.400	321.000	526.200	350.000	526.000	450.000	528.000	495.000	530.000	515.000
GR	542.000	560.000	544.000	575.000	546.000	615.000	548.000	620.000	550.000	630.000
NC	0.065	0.071	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	885.000	30.000	329.000	345.000	230.000	230.000	230.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	549.000	100.000	543.300	150.000	542.200	169.000	539.200	181.000	531.600	190.000

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GR	531,100	200,000	530,700	205,000	530,300	206,000	531,200	209,000	531,900	212,000
GR	532,200	216,000	532,200	226,000	531,700	236,000	530,700	245,000	527,500	250,000
GR	527,700	300,000	527,500	329,000	523,900	334,000	524,000	341,000	526,900	345,000
GR	528,200	350,000	527,900	370,000	528,000	450,000	530,000	505,000	532,000	515,000
GR	534,000	545,000	538,000	570,000	546,000	610,000	548,000	615,000	550,000	700,000
QT	5,000	590,000	1020,000	1220,000	1790,000	1220,000	0.0	0.0	0.0	0.0
NC	0.080	0.090	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1305,000	19,000	518,000	532,000	420,000	420,000	420,000	0.0	0.0	0.0
GR	550,000	100,000	548,000	220,000	546,000	240,000	544,000	265,000	542,000	300,000
GR	540,000	345,000	538,000	380,000	536,000	405,000	534,000	445,000	532,000	518,000
GR	529,200	523,000	529,200	528,000	531,900	532,000	532,000	575,000	534,000	630,000
GR	540,000	700,000	542,000	710,000	544,000	715,000	550,000	745,000	0.0	0.0
NC	0.090	0.120	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1700,000	18,000	244,000	256,000	395,000	395,000	395,000	0.0	0.0	0.0
GR	560,000	100,000	554,000	150,000	552,000	170,000	548,000	190,000	546,000	195,000
GR	542,000	215,000	540,000	230,000	538,000	235,000	536,000	244,000	533,200	248,000
GR	533,200	252,000	536,000	256,000	538,000	290,000	540,000	310,000	544,000	330,000
GR	548,000	360,000	550,000	365,000	560,000	390,000	0.0	0.0	0.0	0.0

X1	2085,000	17,000	269,000	281,000	385,000	385,000	385,000	0.0	0.0	0.0
GR	570,000	100,000	566,000	130,000	564,000	150,000	562,000	160,000	560,000	175,000
GR	558,000	180,000	546,000	240,000	544,000	255,000	542,500	269,000	539,500	273,000
GR	539,500	277,000	542,500	281,000	544,000	295,000	550,000	335,000	562,000	360,000
GR	568,000	390,000	570,000	395,000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	18,400	0.0	0.0	0.0	0.0

X1	2485,000	19,000	264,000	276,000	400,000	400,000	400,000	0.0	0.0	0.0
GR	580,000	100,000	578,000	120,000	576,000	130,000	568,000	190,000	558,000	240,000
GR	556,000	245,000	552,000	264,000	548,400	268,000	548,400	272,000	552,000	276,000
GR	560,000	290,000	562,000	310,000	564,000	335,000	566,000	345,000	568,000	360,000
GR	570,000	385,000	572,000	400,000	574,000	425,000	580,000	460,000	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	9,100	0.0	0.0	357,000	445,000
NC	0.070	0.080	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	2920,000	25,000	395,000	405,000	435,000	435,000	435,000	0.0	0.0	0.0
GR	590,000	100,000	588,000	125,000	584,000	230,000	582,000	240,000	580,000	265,000
GR	570,000	315,000	568,000	320,000	566,000	335,000	564,000	345,000	562,000	350,000
GR	560,000	360,000	556,000	390,000	555,800	395,000	552,400	398,000	552,400	402,000
GR	555,800	405,000	556,000	415,000	560,000	445,000	570,000	480,000	572,000	485,000
GR	578,000	515,000	580,000	530,000	582,000	540,000	586,000	580,000	590,000	610,000
ET	0.0	0.0	0.0	0.0	0.0	9,100	0.0	0.0	364,240	399,990
NC	0.060	0.070	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	3225,000	20,000	385,000	395,000	305,000	305,000	305,000	0.0	0.0	0.0
GR	590,000	100,000	588,000	125,000	580,000	185,000	576,000	195,000	572,000	225,000
GR	570,000	235,000	564,000	280,000	562,000	350,000	560,000	375,000	558,900	385,000
GR	555,400	388,000	555,400	392,000	558,900	395,000	560,000	405,000	562,000	415,000
GR	564,000	425,000	572,000	445,000	578,000	475,000	580,000	480,000	584,000	500,000
ET	0.0	0.0	0.0	0.0	0.0	18,400	0.0	0.0	0.0	0.0
NC	0.060	0.400	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	3530,000	20,000	330,000	360,000	305,000	305,000	305,000	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	590,000	100,000	582,000	235,000	576,000	280,000	574,000	310,000	570,000	330,000
GR	566,800	340,000	563,800	343,000	563,800	347,000	566,800	350,000	570,000	355,000
GR	571,700	360,000	570,000	365,000	560,000	395,000	560,000	495,000	562,000	500,000
GR	566,000	535,000	568,000	545,000	570,000	550,000	582,000	580,000	588,000	610,000

ET	0.0	0.0	0.0	0.0	0.0	10.400	0.0	0.0	0.0	0.0
NC	0.400	0.060	0.060	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	3650.000	31.000	366.700	373.300	120.000	120.000	120.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	571.000	571.000	0.0
GR	590.000	100.000	588.000	125.000	586.000	170.000	584.000	205.000	580.000	250.000
GR	578.000	270.000	576.000	285.000	574.000	305.000	572.000	340.000	570.000	360.000
GR	567.550	366.700	567.070	367.000	566.780	367.500	566.690	368.000	566.590	368.500
GR	566.530	369.000	566.510	369.500	566.500	370.000	566.510	370.500	566.530	371.000
GR	566.590	371.500	566.690	372.000	566.780	372.500	567.070	373.000	566.550	373.300
GR	570.000	375.000	572.150	380.000	572.500	390.000	574.000	500.000	576.000	655.000
GR	578.000	720.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.0	1.560	3.000	0.0	6.060	0.0	20.000	0.0	566.500	566.500

X1	3710.000	0.0	0.0	0.0	60.000	60.000	60.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	569.800	571.800	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	571.800	571.800	0.0
BT	31.000	100.000	590.000	590.000	125.000	588.000	588.000	170.000	586.000	586.000
BT	205.000	584.000	584.000	250.000	580.000	580.000	270.000	578.000	578.000	285.000
BT	576.000	576.000	305.000	574.000	574.000	340.000	572.000	572.000	360.000	571.900
BT	570.000	366.700	571.820	567.550	367.000	571.820	568.290	367.500	571.820	568.810
BT	368.000	571.810	569.190	368.500	571.810	569.420	369.000	571.810	569.650	369.500
BT	571.800	569.790	370.000	571.800	569.800	370.500	571.820	569.790	371.000	571.840
BT	569.650	371.500	571.850	569.420	372.000	571.870	569.190	372.500	571.890	568.810
BT	373.000	571.910	568.290	373.300	571.920	567.550	375.000	571.980	570.000	380.000
BT	572.150	572.150	390.000	572.500	572.500	500.000	574.000	574.000	655.000	576.000
BT	576.000	720.000	578.000	578.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.050	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	3770.000	20.000	530.000	540.000	60.000	60.000	60.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	195.000	586.000	265.000	584.000	310.000	582.000	335.000
GR	580.000	370.000	578.000	390.000	574.000	480.000	572.000	515.000	570.200	530.000
GR	567.200	534.000	567.200	537.000	570.200	540.000	572.000	545.000	574.000	565.000
GR	576.000	570.000	580.000	590.000	584.000	600.000	586.000	615.000	588.000	620.000

X1	3890.000	18.000	445.000	455.000	120.000	120.000	120.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	195.000	586.000	265.000	584.000	310.000	580.000	360.000
GR	578.000	370.000	574.000	400.000	572.000	440.000	571.400	445.000	568.400	448.000
GR	568.400	451.000	571.400	455.000	572.000	460.000	574.000	490.000	576.000	500.000
GR	580.000	510.000	582.000	525.000	590.000	570.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	8.400	0.0	0.0	0.0	0.0
NC	0.070	0.060	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4245.000	16.000	435.000	445.000	355.000	355.000	355.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	185.000	586.000	195.000	582.000	310.000	580.000	340.000
GR	578.000	400.000	576.000	430.000	575.800	435.000	572.000	438.000	572.000	441.000
GR	575.800	445.000	576.000	450.000	578.000	575.000	580.000	595.000	582.000	620.000
GR	590.000	670.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.050	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4570.000	14.000	500.000	510.000	325.000	325.000	325.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	290.000	584.000	400.000	582.000	430.000	580.000	485.000
GR	577.900	500.000	574.500	503.000	574.500	506.000	578.000	510.000	580.000	520.000
GR	582.000	570.000	584.000	595.000	588.000	635.000	590.000	650.000	0.0	0.0
NC	0.040	0.050	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	4740.000	16.000	660.000	670.000	170.000	170.000	170.000	0.0	0.0	0.0
GR	590.000	100.000	588.000	120.000	586.000	200.000	584.000	440.000	583.000	480.000
GR	582.000	590.000	580.000	640.000	579.000	660.000	575.900	663.000	575.900	666.000

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GR	579.000	670.000	580.000	675.000	582.000	680.000	586.000	720.000	588.000	785.000
GR	590.000	800.000	0.0	0.0	0.0	0.0	0.0	0.0	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

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22"
MOORE BUSINESS FORMS INC. F

NEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 CITY OF MONRDE, NC OCT. 1980
T2 100 YEAR FLOODWAY
T3 STILL BRANCH MAIN

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	0.0	0.0	0.0	0.	522.030	0.0

J2	NPROF	IPLOT	PRFVS	XSEC	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

PRINTED IN USA

MOORE BUSINESS FORMS, INC. F 22

 IHEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

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

STILL BRANCH MAIN

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.0	521.23	0.0	522.48	185.32	281.31	1312.88	195.81	0.0	0.0	315.00	337.00	0.0
0.0	522.03	0.80	523.93	32.21	125.79	1650.68	13.54	0.30	307.10	315.00	337.00	339.31
* 420.000	526.40	0.0	527.13	244.03	146.96	799.56	843.47	0.0	0.0	305.00	323.00	0.0
420.000	527.12	0.72	528.29	76.34	0.0	1017.02	772.98	0.38	305.00	305.00	323.00	381.34
655.000	528.26	0.0	528.54	270.63	417.95	666.69	705.36	0.0	0.0	300.00	321.00	0.0
655.000	529.29	1.03	529.68	121.44	203.16	836.45	750.39	0.34	283.43	300.00	321.00	404.87
* 885.000	529.53	0.0	530.19	245.31	548.39	712.27	529.34	0.0	0.0	329.00	345.00	0.0
* 885.000	530.23	0.70	531.35	102.73	353.36	947.04	489.60	0.41	299.26	329.00	345.00	401.99
1305.000	534.33	0.0	534.80	195.10	241.64	481.61	496.75	0.0	0.0	518.00	532.00	0.0
1305.000	535.31	0.99	536.03	61.75	97.94	639.71	482.34	0.42	509.14	518.00	532.00	570.88
1700.000	539.96	0.0	540.94	79.65	133.08	701.45	385.47	0.0	0.0	244.00	256.00	0.0
1700.000	540.97	1.01	542.05	34.07	0.0	802.77	417.23	0.28	244.00	244.00	256.00	278.07
2085.000	546.68	0.0	547.58	76.20	301.01	704.24	214.76	0.0	0.0	269.00	281.00	0.0
2085.000	547.67	0.98	548.83	31.91	254.00	857.67	108.33	0.27	256.46	269.00	281.00	288.37
* 2485.000	556.26	0.0	558.19	39.12	193.48	978.92	47.60	0.0	0.0	264.00	276.00	0.0
2485.000	556.75	0.49	559.89	12.00	0.0	1220.00	0.0	0.31	264.00	264.00	276.00	276.00
2920.000	561.39	0.0	561.59	96.71	394.92	387.51	437.56	0.0	0.0	395.00	405.00	0.0
2920.000	562.39	1.00	562.52	88.00	429.49	344.43	446.08	88.00	357.00	395.00	405.00	445.00
3225.000	562.92	0.0	563.53	101.58	445.97	514.88	259.14	0.0	0.0	385.00	395.00	0.0
3225.000	562.93	0.01	564.20	35.75	446.69	675.07	98.24	35.75	364.24	385.00	395.00	399.99
* 3530.000	571.22	0.0	573.08	34.67	12.90	1207.09	0.0	0.0	0.0	330.00	360.00	0.0
3530.000	571.26	0.04	573.14	28.70	0.0	1220.00	0.0	0.77	330.00	330.00	360.00	360.00
3650.000	574.77	0.0	575.14	262.65	122.01	404.56	693.43	0.0	0.0	366.70	373.30	0.0
3650.000	575.45	0.68	576.00	54.14	0.00	384.92	835.07	0.47	366.70	366.70	373.30	420.84
3710.000	574.78	0.0	575.14	264.13	121.66	401.32	697.02	0.0	0.0	366.70	373.30	0.0
3710.000	575.46	0.68	575.99	55.04	0.0	380.08	839.92	0.46	366.70	366.70	373.30	421.75

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SECNO	CWSEL	DIPKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3770.000	575.17	0.0	575.47	114.42	596.60	371.86	251.53	0.0	0.0	530.00	540.00	0.0
3770.000	575.96	0.78	576.45	42.99	673.84	474.76	71.40	0.38	500.76	530.00	540.00	543.75
3890.000	575.75	0.0	575.99	111.91	517.80	291.88	410.32	0.0	0.0	445.00	455.00	0.0
3890.000	576.66	0.91	577.03	50.88	518.72	378.25	323.03	0.37	419.50	445.00	455.00	470.37
4245.000	578.21	0.0	578.69	183.29	178.28	392.57	649.15	0.0	0.0	435.00	445.00	0.0
4245.000	579.13	0.92	579.92	49.50	0.0	454.50	765.50	0.49	435.00	435.00	445.00	484.50
4570.000	582.14	0.0	582.53	143.85	457.82	418.67	343.52	0.0	0.0	500.00	510.00	0.0
4570.000	583.03	0.88	583.70	38.64	442.94	511.21	265.85	0.40	481.69	500.00	510.00	520.33
4740.000	583.14	0.0	583.35	216.85	821.72	293.78	104.49	0.0	0.0	660.00	670.00	0.0
4740.000	584.14	1.01	584.51	54.82	923.58	296.42	0.0	0.41	615.18	660.00	670.00	670.00

SUMMARY OF ERRORS

CAUTION SECNO= 420.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 885.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 885.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2485.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 3530.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 3530.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 3530.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

MOORE BUSINESS FORMS, INC. 77 PRINTED IN USA

FLOODWAY DATA, STILL BRANCH MAIN

PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.0	32.	186.	9.6	522.0	521.2	0.8
420.000	76.	254.	7.1	527.1	526.4	0.7
655.000	121.	470.	3.8	529.3	528.3	1.0
885.000	103.	295.	6.1	530.2	529.5	0.7
1305.000	62.	233.	5.2	535.3	534.3	1.0
1700.000	34.	178.	6.9	541.0	540.0	1.0
2085.000	32.	177.	6.9	547.7	546.7	1.0
2485.000	12.	86.	14.2	556.8	556.3	0.5
2920.000	88.	457.	2.7	562.4	561.4	1.0
3225.000	36.	145.	8.4	562.9	562.9	0.0
3530.000	29.	111.	11.0	571.2	571.2	0.0
3650.000	54.	208.	5.9	575.5	574.8	0.7
3710.000	55.	210.	5.8	575.5	574.8	0.7
3770.000	43.	219.	5.6	576.0	575.2	0.8
3890.000	51.	252.	4.8	576.7	575.8	0.9
4245.000	50.	173.	7.1	579.1	578.2	0.9
4570.000	39.	186.	6.6	583.0	582.1	0.9
4740.000	55.	255.	4.8	584.1	583.1	1.0

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