
 RECA RELEASE DATED NOV 76 UPDATED FEB 1977
 EROR CORR - 01
 MODIFICATION - 90,51,52

C
 T1 THOMASVILLE-DAVIDSON CO. STRM -15F
 T2 FLOODPLAIN STUDY AT ROYAL & DAVIDSON COUNTIES H-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INVT	MINV	TDIR	STRT	METRIC	HVIAS	Q	WSEL	FO
	-1.	2.	0.	0.	0.019000	0.0	0.0	0.	814.700	0.0
J2	MPROF	IPLOT	PRFMS	XSECV	XSECH	FL	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									
	33.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	60.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
MC	0.005	0.005	0.005	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ST	5.000	240.000	455.000	556.000	841.000	566.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.000	0.0	0.0	0.0	0.0
X1	10.000	10.000	1237.000	1265.000	10.000	10.000	10.000	0.0	-6.100	0.0
SE	839.400	1000.000	153.700	1100.000	826.100	1200.000	823.900	1237.000	815.900	1250.000
SP	814.800	1267.000	815.900	1254.000	823.600	1265.000	824.100	1300.000	819.700	1400.000
SE	820.800	1500.000	818.600	1500.000	820.600	1700.000	826.100	1800.000	829.400	1900.000
SE	830.600	2000.000	836.500	2100.000	839.400	2115.000	0.0	0.0	0.0	0.0
X2	15.000	0.0	0.0	0.0	5.000	5.000	5.000	0.0	0.100	0.0
SC	0.005	0.005	0.005	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X3	20.000	15.000	1271.000	1271.000	5.000	5.000	5.000	0.0	-4.900	0.0
SE	839.400	1000.000	153.700	1100.000	826.000	1198.000	825.100	1217.000	822.900	1254.000
SP	814.800	1267.000	815.900	1252.000	814.900	1269.000	815.100	1270.000	816.800	1271.000
SE	820.800	1500.000	819.300	1500.000	823.800	2100.000	0.0	0.0	0.0	0.0
SE	830.600	2000.000	836.500	2100.000	839.400	2115.000	0.0	0.0	0.0	0.0
- 600 - TAYLOR STREET EXCEL 818.8 ROELV 824.7										
X4	30.000	0.0	0.0	0.0	300.000	300.000	300.000	0.0	4.900	0.0
SE	0.0	0.0	1.000	818.800	0.0	0.0	0.0	0.0	0.0	0.0
ST	12.000	1000.000	459.400	0.0	1100.000	633.700	0.0	1200.000	826.600	0.0
ST	1267.000	824.700	816.800	1268.000	824.700	818.500	1269.000	824.700	818.800	1270.000
ST	220.700	818.500	1271.000	824.700	816.800	1300.000	824.400	0.0	1500.000	818.500
SE	0.0	1600.000	819.300	0.0	2800.000	829.800	0.0	0.0	0.0	0.0

NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	345.000	15.000	1237.000	1255.000	25.000	25.000	25.000	0.0	0.0	0.0
SR	830.000	1000.000	833.700	1100.000	826.100	1260.000	823.900	1237.000	815.900	1250.000
SR	315.000	1252.000	815.900	1254.000	823.600	1255.000	824.100	1300.000	819.700	1400.000
SR	825.000	1500.000	812.600	1600.000	820.600	1700.000	826.100	1800.000	829.400	1900.000
SR	832.600	2000.000	838.500	2100.000	839.400	2115.000	0.0	0.0	0.0	0.0

X1	395.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.000	0.0
BT	5.000	239.000	444.000	555.000	831.000	555.000	0.0	0.0	0.0	0.0

X1	350.000	15.000	1428.000	1500.000	225.000	225.000	225.000	0.0	-2.400	0.0
SR	841.400	1000.000	839.200	1100.000	838.200	1200.000	833.800	1300.000	831.200	1400.000
SR	821.500	1488.000	823.000	1491.000	822.900	1495.000	823.000	1498.000	826.000	1500.000
SR	828.900	1600.000	832.300	1700.000	835.000	1800.000	838.100	1900.000	841.400	1935.000

X1	700.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	750.000	21.000	1470.000	1553.400	50.000	50.000	50.000	0.0	0.0	0.0
SR	849.000	1000.000	838.600	1100.000	835.200	1200.000	833.200	1300.000	828.800	1400.000
SR	826.900	1500.000	826.600	1572.000	823.200	1578.600	822.700	1579.000	822.600	1580.000
SR	822.500	1581.000	822.600	1582.000	822.700	1583.000	823.200	1583.400	825.600	1586.000
SR	822.600	1635.000	829.000	1700.000	832.200	1800.000	835.300	1900.000	838.800	2000.000
SR	841.400	2050.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SR	8.000	1.500	2.500	0.0	4.800	0.010	11.400	0.0	0.0	0.0

55th CAROLINA AVE. MYCEL 525.5 RPELV 826.5

X1	785.000	0.0	0.0	0.0	33.000	33.000	33.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	325.500	826.500	0.0	0.0	0.0	0.0	0.0
BT	18.000	1000.000	440.000	0.0	1100.000	838.600	0.0	1200.000	835.200	0.0
BT	1500.000	132.000	0.0	1400.000	828.400	0.0	1500.000	826.900	0.0	1578.600
BT	824.500	823.000	1479.000	826.500	824.500	1580.000	826.500	825.300	1581.000	826.500
BT	826.500	1582.000	826.500	825.300	1583.000	826.500	824.500	1583.400	826.500	823.200
BT	1600.000	824.000	0.0	1700.000	828.000	0.0	1800.000	832.200	0.0	1900.000
BT	835.300	0.0	2000.000	838.800	0.0	2050.000	841.400	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	300.000	15.000	1428.000	1500.000	25.000	25.000	25.000	0.0	0.0	0.0
SR	841.400	1000.000	839.200	1100.000	838.200	1200.000	833.800	1300.000	831.200	1400.000
SR	821.500	1488.000	823.000	1491.000	822.900	1495.000	823.000	1498.000	826.000	1500.000
SR	828.900	1600.000	832.300	1700.000	835.000	1800.000	838.100	1900.000	841.400	1935.000

X1	395.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
BT	5.000	239.000	444.000	555.000	831.000	555.000	0.0	0.0	0.0	0.0

X1	350.000	15.000	1428.000	1500.000	25.000	25.000	25.000	0.0	-1.700	0.0
SR	841.400	1000.000	839.200	1100.000	838.200	1200.000	833.800	1300.000	831.200	1400.000
SR	821.500	1488.000	823.000	1491.000	822.900	1495.000	823.000	1498.000	826.000	1500.000
SR	828.900	1600.000	832.300	1700.000	835.000	1800.000	838.100	1900.000	841.400	1935.000

X1	700.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1150.000	19.000	1449.600	1454.400	50.000	50.000	50.000	0.0	0.0	0.0
58	845.800	1000.000	839.900	1100.000	836.700	1180.000	836.000	1200.000	832.400	1300.000
59	831.100	1400.000	830.700	1448.000	828.500	1449.600	827.900	1450.000	827.800	1451.000
60	827.700	1452.000	827.800	1453.000	827.900	1454.000	828.500	1454.400	831.200	1757.000
61	832.100	1408.000	837.600	1908.000	839.400	2008.000	841.800	2108.000	0.0	0.0
62	0.000	1.500	2.500	0.0	4.200	0.010	11.400	0.0	0.0	0.0

2012 WARDEN STREET MALCOLM 830.7 .2 ROELV 830.9

X1	1223.000	0.0	0.0	0.0	73.000	73.000	73.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	830.700	830.900	0.0	0.0	0.0	0.0	0.0
63	15.000	1000.000	845.800	0.0	1160.000	639.900	0.0	1200.000	836.000	0.0
64	1300.000	832.800	0.0	1400.000	831.100	0.0	1449.600	830.900	828.500	1450.000
65	831.900	829.700	1451.000	830.900	830.500	1452.000	830.900	830.700	1453.000	830.900
66	830.500	1454.000	830.500	829.700	1454.400	830.500	828.500	1500.000	831.600	0.0
67	1300.000	835.700	0.0	1700.000	838.800	0.0	2108.000	841.800	0.0	0.0
68	0.000	0.000	0.000	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1273.000	15.000	1440.000	1749.000	50.000	50.000	50.000	0.0	0.0	0.0
69	845.800	1000.000	840.900	1100.000	835.200	1200.000	831.900	1300.000	831.200	1400.000
70	830.800	1400.000	827.900	1442.000	827.800	1444.000	827.900	1447.000	831.300	1749.000
71	832.200	1300.000	837.700	1900.000	839.500	2000.000	841.900	2100.000	845.800	2135.000

X1	1323.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
72	0.000	190.000	844.000	845.000	672.000	445.000	0.0	0.0	0.0	0.0

X1	1450.000	19.000	1526.000	1547.000	127.000	127.000	127.000	0.0	-3.000	0.0
73	135.300	1000.000	851.500	1100.000	847.700	1200.000	842.300	1300.000	840.800	1400.000
74	830.700	1300.000	838.600	1526.000	833.600	1532.000	832.900	1536.000	833.100	1539.000
75	137.800	1307.000	839.800	1500.000	840.800	1700.000	841.600	1800.000	843.300	1900.000
76	845.800	2000.000	846.800	2100.000	848.600	2200.000	855.300	2253.000	0.0	0.0

X1	1525.000	0.0	0.0	0.0	75.000	75.000	75.000	0.0	3.000	0.0
77	0.000	0.025	0.025	0.100	0.500	0.0	0.0	0.0	0.0	0.0

X1	1570.000	26.000	1445.000	1552.000	25.000	25.000	25.000	0.0	0.0	0.0
78	845.800	1000.000	848.000	1100.000	846.500	1200.000	843.100	1300.000	841.100	1400.000
79	137.900	1500.000	837.700	1540.000	837.700	1546.000	836.100	1546.700	835.900	1547.300
80	130.100	1307.000	837.700	1548.500	837.700	1549.500	836.100	1550.000	835.900	1550.700
81	135.100	1551.000	837.700	1552.000	839.000	1558.000	840.100	1600.000	841.000	1700.000
82	130.100	1300.000	845.800	1900.000	849.700	2000.000	846.300	2100.000	849.300	2200.000
83	0.000	2270.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84	0.000	0.000	0.000	0.0	0.000	0.010	9.800	0.0	0.0	0.0

2012 WARDEN STREET MALCOLM 830.9 .2 ROELV 830.9

X1	1570.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	830.700	830.900	0.0	0.0	0.0	0.0	0.0
85	15.000	1000.000	845.800	0.0	1160.000	639.900	0.0	1200.000	836.000	0.0
86	1300.000	832.800	0.0	1400.000	831.100	0.0	1449.600	830.900	828.500	1450.000
87	831.900	829.700	1451.000	830.900	830.500	1452.000	830.900	830.700	1453.000	830.900
88	830.500	1454.000	830.500	829.700	1454.400	830.500	828.500	1500.000	831.600	0.0
89	1300.000	835.700	0.0	1700.000	838.800	0.0	2108.000	841.800	0.0	0.0
90	0.000	0.000	0.000	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1650.000	19.000	1526.000	1547.000	50.000	50.000	50.000	0.0	5.000	0.0
GR	855.300	1000.000	851.200	1100.000	847.000	1200.000	842.300	1300.000	840.800	1400.000
SR	349.000	1500.000	838.600	1526.000	833.600	1532.000	832.900	1536.000	833.100	1539.000
GR	833.600	1547.000	839.800	1600.000	840.800	1700.000	841.600	1800.000	843.300	1900.000
SR	845.000	2000.000	846.800	2100.000	849.600	2200.000	855.300	2253.000	0.0	0.0

X1	1700.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.000	0.0
GT	8.000	140.000	269.000	343.000	530.000	343.000	0.0	0.0	0.0	0.0

X1	1900.000	19.000	1577.000	1502.000	200.000	200.000	200.000	0.0	-4.000	0.0
GR	851.400	1000.000	855.900	1100.000	854.700	1200.000	851.500	1300.000	849.900	1400.000
SR	849.000	1500.000	845.900	1577.000	844.600	1579.000	844.400	1580.000	844.600	1581.000
GR	844.700	1582.000	846.600	1600.000	849.200	1700.000	852.500	1800.000	854.400	1900.000
SR	856.100	2000.000	859.100	2100.000	860.400	2200.000	861.400	2300.000	0.0	0.0

X1	1980.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
UC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2000.000	27.000	1923.500	1926.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	840.000	1000.000	843.000	1100.000	842.900	1200.000	841.800	1300.000	841.400	1334.000
GR	860.800	1345.000	855.300	1445.000	854.100	1545.000	850.900	1645.000	849.300	1745.000
GR	840.800	1345.000	846.300	1922.000	845.300	1923.500	844.200	1924.000	843.800	1925.000
GR	840.200	1926.000	845.300	1926.500	846.300	1927.000	846.200	1945.000	848.600	2045.000
GR	851.900	2145.000	852.700	2183.000	852.400	2200.000	851.500	2300.000	850.800	2400.000
GR	850.000	2500.000	849.100	2600.000	0.0	0.0	0.0	0.0	0.0	0.0
SR	0.900	1.300	2.500	0.0	3.000	0.010	7.100	0.0	0.0	0.0

RRBN RAILROAD SPUR PALCEL 046.8 PDELV 854.1

X1	2057.000	0.0	0.0	0.0	57.000	57.000	57.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	846.500	849.100	0.0	0.0	0.0	0.0	0.0
GT	22.000	1000.000	264.000	0.0	1100.000	863.000	0.0	1200.000	862.900	0.0
GT	1500.000	841.300	0.0	1400.000	846.500	0.0	1500.000	859.300	0.0	1600.000
GT	867.900	0.0	1700.000	186.400	0.0	1800.000	855.700	0.0	1900.000	854.400
GT	0.0	1923.000	844.100	245.300	1924.000	854.100	846.400	1925.000	854.100	846.800
GT	1923.000	854.100	846.400	1926.500	854.100	845.300	2000.000	854.000	0.0	2100.000
GT	855.500	0.0	2200.000	352.400	0.0	2300.000	851.500	0.0	2400.000	850.800
GT	0.0	2500.000	849.100	0.0	2600.000	849.100	0.0	0.0	0.0	0.0
UC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2107.000	19.000	1577.000	1502.000	200.000	200.000	200.000	0.0	0.0	0.0
GR	851.400	1000.000	855.900	1100.000	854.700	1200.000	851.500	1300.000	849.900	1400.000
SR	849.000	1500.000	845.900	1577.000	844.600	1579.000	844.400	1580.000	844.600	1581.000
GR	844.700	1582.000	846.600	1600.000	849.200	1700.000	852.500	1800.000	854.400	1900.000
SR	856.100	2000.000	859.100	2100.000	860.400	2200.000	861.400	2300.000	0.0	0.0

X1	2157.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
UC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

 NEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 15T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	3.	0.	0.	0.019000	2.0	0.0	0.	815.700	0.0
J2	WPROF	IPLUT	PREVS	XSECV	XSECH	FO	ALLOC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<PROF 2
 CCHV= 0.100 CSHV= 0.300
 *SECO 10.000

3265 DIVIDED FLOW

SECO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	0.00	0.00	0.00	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	SLOPE	ACH	VROR	XAL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOP	XLOH	XLOPF	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
15.00	4.25	813.25	813.95	813.70	814.31	0.36	0.0	0.0	817.80
455.	0.	265.	130.	0.	43.	100.	0.	0.	817.50
0.00	0.0	6.13	1.75	0.055	0.035	0.055	0.0	809.70	1243.25
0.007071	10.	10.	10.	0	10	0	0.0	195.67	1672.69

*SECO 15.000

3685 DIVIDED FLOW

SECO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	0.00	0.00	0.00	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	SLOPE	ACH	VROR	XAL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOP	XLOH	XLOPF	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST
3685	20 TRIALS ATTEMPTED WSEL, CWSL								
3693	PROBABLE MINIMUM SPECIFIC ENERGY								
3720	CRITICAL DEPTH ASSUMED								
15.00	4.22	814.02	814.02	0.0	814.41	0.39	0.04	0.01	817.90
455.	0.	270.	185.	0.	43.	102.	0.	0.	817.60
0.00	0.0	6.34	1.81	0.055	0.035	0.055	0.029	809.80	1243.30
0.007614	5.	5.	5.	20	5	0	0.0	188.73	1671.06

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,41,52

T1 THOMASVILLE-DAVIDSON CO. STRM 15T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES H-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IMQ	MINV	IDIR	SRCT	METRIC	IVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.019000	0.0	0.0	0.	817.700	0.0
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FW	ALLOC	TBW	CHNIM	ITRACE
	3.000	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 3

CCHV= 0.100 CERV= 0.300
 *SECNO 19.000

3265 DIVIDED FLOW

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOS	VCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOS	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
10.00	4.36	814.06	814.06	817.70	814.49	0.43	0.0	0.0	817.80
563.	0.	309.	257.	0.	45.	128.	0.	0.	817.50
0.0	0.0	6.87	2.02	0.055	0.035	0.055	0.0	809.70	1243.08
0.00651	10.	10.	10.	0	11	0	0.0	217.63	1677.87

*SECNO 15.000

3265 DIVIDED FLOW

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOS	VCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOS	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3685 20 TRIALS ATTEMPTED WSEL, WSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

15.00	4.36	814.16	814.16	0.0	814.58	0.42	0.04	0.00	817.90
566.	0.	307.	259.	0.	45.	129.	0.	0.	817.60
0.00	0.0	6.82	2.00	0.055	0.035	0.055	0.029	809.80	1243.07
0.008508	5.	5.	5.	20	5	0	0.0	219.18	1678.23

 PEC2) RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORP - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STRM 15T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6916
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IQQ	MINV	TDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.019000	0.0	0.0	0.	818.700	0.0
J2	HPROF	IQLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHMIN	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 4
 CCHV= 0.100 CCHV= 0.300
 *SECHG 10.000

3265 DIVIDED FLOW

SEC ID	DEPTH	CRSEL	CRTRG	WSELK	EG	HV	HL	GLOSS	BANK ELEV
TIME	SLOPE	ACH	VROR	XAL	XACH	XNR	WTR	TWA	LEFT/RIGHT
SLOPE	ALPH	ALPH	ALPH	ITRIAL	IOC	ICONT	CONAR	ELMIN	SSTA
								TOPWID	ENDST
5720	CRITICAL DEPTH ASSUMED								
10.00	4.63	814.33	814.33	818.79	814.31	0.47	0.0	0.0	817.80
841.	0.	373.	409.	0.	50.	191.	0.	0.	817.50
0.00	0.0	7.34	5.29	0.055	0.030	0.055	0.0	809.70	1242.63
0.009102	0.	5.	5.	0	11	0	0.0	275.11	1691.65

*SECHG 10.000

3265 DIVIDED FLOW

SEC ID	DEPTH	CRSEL	CRTRG	WSELK	EG	HV	HL	GLOSS	BANK ELEV
TIME	SLOPE	ACH	VROR	XAL	XACH	XNR	WTR	TWA	LEFT/RIGHT
SLOPE	ALPH	ALPH	ALPH	ITRIAL	IOC	ICONT	CONAR	ELMIN	SSTA
								TOPWID	ENDST
3685	20 TRIALS ATTEMPTED USED CRSEL								
3693	PROBABLE MINIMUM SPECIFIC ENERGY								
5720	CRITICAL DEPTH ASSUMED								
15.00	4.29	814.40	814.40	0.0	814.40	0.42	0.05	0.01	817.90
841.	0.	373.	409.	0.	51.	205.	0.	0.	817.60
0.00	0.0	7.34	5.29	0.055	0.030	0.055	0.029	809.80	1242.55
0.009102	0.	5.	5.	20	5	0	0.0	287.30	1694.29

	SP	ALCO	ELTRD	ELLC	R	ELMIM	CASEL	CRIMS	VCH	GSTA	ENDST	AREA	DIFWSP
	75,000	50.00	0.0	0.0	239.00	822.50	826.48	826.48	7.80	1572.23	1615.12	47.07	0.0
	75,000	50.00	0.0	0.0	444.00	822.50	827.23	827.23	7.40	1482.36	1639.96	126.77	0.75
	75,000	50.00	0.0	0.0	555.00	822.50	827.40	827.40	7.73	1473.50	1645.51	154.49	0.17
	75,000	50.00	0.0	0.0	831.00	822.50	827.54	827.54	9.07	1460.87	1653.43	198.24	0.24
	743,000	33.00	826.50	825.50	239.00	822.50	827.30	0.0	3.70	1478.73	1642.20	137.66	0.0
	743,000	33.00	827.50	825.50	444.00	822.50	827.73	0.0	4.43	1456.00	1656.49	216.43	0.43
	743,000	33.00	828.50	825.50	555.00	822.50	827.89	0.0	4.78	1447.63	1661.74	249.42	0.16
	743,000	33.00	826.50	825.50	831.00	822.50	828.22	0.0	5.41	1430.43	1672.52	323.91	0.33
	50,000	25.00	0.0	0.0	239.00	822.90	827.11	0.0	5.43	1486.75	1538.50	60.52	0.0
	50,000	25.00	0.0	0.0	444.00	822.90	827.54	827.54	7.93	1498.50	1554.37	87.10	0.47
	50,000	25.00	0.0	0.0	555.00	822.90	827.94	827.94	8.16	1488.31	1566.92	113.40	0.36
	50,000	25.00	0.0	0.0	831.00	822.90	828.50	828.50	9.11	1487.99	1586.23	162.90	0.56
	50,000	50.00	0.0	0.0	239.00	825.70	827.08	826.70	7.97	1489.21	1509.75	31.20	0.0
	50,000	50.00	0.0	0.0	444.00	825.70	828.38	828.38	7.90	1488.50	1554.60	87.55	1.30
	50,000	50.00	0.0	0.0	555.00	825.70	828.71	828.71	8.30	1458.32	1565.85	110.98	0.33
	50,000	50.00	0.0	0.0	831.00	825.70	829.22	829.22	9.50	1449.04	1583.38	154.91	0.51
	1050,000	122.00	0.0	0.0	239.00	826.10	828.01	0.0	1.03	1440.47	1643.68	230.77	0.0
	1050,000	122.00	0.0	0.0	438.00	826.10	828.37	0.0	0.94	1412.60	1728.93	470.77	0.96
	1050,000	122.00	0.0	0.0	545.00	826.10	829.76	0.0	0.96	1371.12	1754.79	585.44	0.33
	1050,000	122.00	0.0	0.0	809.00	826.10	830.33	0.0	1.03	1296.10	1790.29	864.03	0.63
	1100,000	50.00	0.0	0.0	239.00	826.20	828.44	0.0	1.10	1440.52	1636.97	215.69	0.0
	1100,000	50.00	0.0	0.0	438.00	826.20	829.79	0.0	0.99	1421.43	1721.09	443.58	0.95
	1100,000	50.00	0.0	0.0	545.00	826.20	829.71	0.0	1.01	1384.06	1749.66	551.51	0.33
	1100,000	50.00	0.0	0.0	809.00	826.20	830.34	0.0	1.07	1299.91	1785.95	818.67	0.62
	1150,000	50.00	0.0	0.0	239.00	827.70	829.53	829.53	6.26	1446.85	1570.26	68.27	0.0
	1150,000	50.00	0.0	0.0	438.00	827.70	829.89	829.89	7.11	1446.64	1602.80	108.27	0.29
	1150,000	50.00	0.0	0.0	545.00	827.70	829.93	829.93	7.54	1444.56	1615.22	126.05	0.11
	1150,000	50.00	0.0	0.0	809.00	827.70	830.14	830.14	8.54	1440.41	1639.43	162.98	0.21
	1200,000	75.00	0.0	0.0	239.00	827.70	829.59	0.0	6.24	1449.83	1570.43	68.45	0.0
	1200,000	75.00	0.0	0.0	438.00	827.70	829.93	0.0	7.09	1446.64	1603.02	108.57	0.29
	1200,000	75.00	0.0	0.0	545.00	827.70	829.94	0.0	7.52	1442.55	1615.47	126.42	0.11
	1200,000	75.00	0.0	0.0	809.00	827.70	830.14	0.0	8.50	1443.40	1638.78	163.58	0.21
	1275,000	50.00	0.0	0.0	239.00	827.80	829.27	0.0	1.30	1440.64	1621.75	183.31	0.0
	1275,000	50.00	0.0	0.0	438.00	827.80	829.20	0.0	1.71	1440.39	1654.44	256.04	0.36
	1275,000	50.00	0.0	0.0	545.00	827.80	829.39	0.0	1.89	1440.25	1667.83	289.45	0.15
	1275,000	50.00	0.0	0.0	809.00	827.80	829.70	0.0	2.22	1440.07	1695.44	364.36	0.31
	1375,000	50.00	0.0	0.0	239.00	827.90	829.82	0.0	1.36	1440.67	1617.75	175.28	0.0
	1375,000	50.00	0.0	0.0	438.00	827.90	829.50	0.0	1.76	1440.41	1651.28	248.50	0.38
	1375,000	50.00	0.0	0.0	545.00	827.90	829.46	0.0	1.93	1440.30	1665.38	283.09	0.16
	1375,000	50.00	0.0	0.0	809.00	827.90	829.79	0.0	2.24	1440.08	1694.21	360.86	0.32
	1450,000	127.00	0.0	0.0	190.00	829.90	832.82	832.82	7.79	1529.58	1542.66	24.40	0.0
	1450,000	127.00	0.0	0.0	388.00	829.90	833.04	833.04	9.03	1528.35	1544.16	39.22	1.03
	1450,000	127.00	0.0	0.0	495.00	829.90	834.11	834.11	9.49	1527.73	1544.84	46.91	0.47
	1450,000	127.00	0.0	0.0	672.00	829.90	835.09	835.09	10.31	1526.61	1546.26	64.92	0.98

7+ SS Caroline Avenue

Warner St

D

E

1075

1125

740

1240

OF 1000

G 1545

C

SEC ID	ALCH	ELTRD	ELLC	J	FLMIN	CASEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
1525.000	75.00	0.0	0.0	190.00	832.90	835.62	835.62	7.79	1519.58	1542.66	24.38	0.0
1525.000	75.00	0.0	0.0	354.00	832.90	836.65	836.65	9.03	1528.34	1544.17	39.35	1.04
1525.000	75.00	0.0	0.0	445.00	832.90	837.12	837.12	9.47	1517.78	1544.84	46.97	0.46
1525.000	75.00	0.0	0.0	672.00	832.90	838.06	838.06	10.38	1526.62	1546.25	64.74	0.97
1550.000	25.00	0.0	0.0	190.00	835.90	839.46	839.46	8.16	1540.71	1557.03	26.45	0.0
1550.000	25.00	0.0	0.0	354.00	835.90	840.36	840.36	6.01	1457.16	1628.52	99.26	0.89
1550.000	25.00	0.0	0.0	445.00	835.90	840.43	840.43	6.60	1451.79	1636.29	111.69	0.07
1550.000	25.00	0.0	0.0	672.00	835.90	840.68	840.68	7.05	1432.09	1664.72	165.10	0.26
1600.000	50.00	838.80	838.40	190.00	835.90	840.42	0.0	3.38	1459.53	1625.10	94.08	0.0
1600.000	50.00	838.80	838.40	354.00	835.90	840.69	0.0	3.67	1431.52	1665.55	166.84	0.37
1600.000	50.00	838.80	838.40	445.00	835.90	840.81	0.0	3.91	1422.24	1678.95	196.46	0.12
1600.000	50.00	838.80	838.40	672.00	835.90	841.05	0.0	4.29	1403.28	1705.17	265.39	0.25
1650.000	50.00	0.0	0.0	190.00	837.90	840.41	840.61	7.81	1529.58	1542.66	24.32	0.0
1650.000	50.00	0.0	0.0	354.00	837.90	841.64	841.64	9.03	1528.35	1544.16	39.22	1.03
1650.000	50.00	0.0	0.0	445.00	837.90	842.11	842.11	9.51	1527.79	1544.83	46.82	0.46
1650.000	50.00	0.0	0.0	672.00	837.90	843.09	843.09	10.35	1526.61	1546.26	64.91	0.99
1700.000	50.00	0.0	0.0	190.00	839.90	842.62	842.62	7.80	1529.58	1542.66	24.37	0.0
1700.000	50.00	0.0	0.0	354.00	839.90	843.65	843.65	9.00	1528.34	1544.17	39.35	1.04
1700.000	50.00	0.0	0.0	445.00	839.90	844.12	844.12	9.47	1527.78	1544.84	46.98	0.46
1700.000	50.00	0.0	0.0	672.00	839.90	845.08	845.08	10.38	1526.62	1546.25	64.72	0.97
1800.000	200.00	0.0	0.0	190.00	840.00	844.35	0.0	2.39	1523.81	1664.62	131.23	0.0
1800.000	200.00	0.0	0.0	269.00	840.00	845.36	0.0	1.81	1459.72	1704.93	318.53	1.01
1800.000	200.00	0.0	0.0	343.00	840.00	846.65	0.0	1.55	1402.35	1720.43	462.50	0.50
1800.000	200.00	0.0	0.0	570.00	840.00	847.92	0.0	1.18	1329.79	1755.30	890.82	1.16
1900.000	50.00	0.0	0.0	190.00	840.80	844.01	0.0	3.52	1536.09	1650.67	88.46	0.0
1900.000	50.00	0.0	0.0	354.00	840.80	845.38	0.0	2.52	1500.50	1691.11	236.59	0.98
1900.000	50.00	0.0	0.0	445.00	840.80	846.68	0.0	2.09	1446.59	1708.51	348.48	0.49
1900.000	50.00	0.0	0.0	672.00	840.80	847.83	0.0	1.46	1356.34	1743.35	730.18	1.15
2000.000	50.00	0.0	0.0	190.00	841.80	846.17	846.97	5.84	1897.29	1977.24	44.34	0.0
2000.000	50.00	0.0	0.0	269.00	841.80	847.26	847.26	6.91	1886.78	1989.19	70.58	0.29
2000.000	50.00	0.0	0.0	343.00	841.80	847.40	847.40	7.17	1881.73	1994.93	85.34	0.14
2000.000	50.00	0.0	0.0	570.00	841.80	847.51	847.51	8.36	1874.11	2003.59	110.55	0.21
2050.000	50.00	846.10	846.30	190.00	843.80	851.40	0.0	0.12	1620.07	2600.00	1688.59	0.0
2050.000	50.00	846.10	846.30	269.00	843.80	851.80	0.0	0.18	1613.92	2600.00	2066.98	0.45
2050.000	50.00	846.10	846.30	343.00	843.80	852.07	0.0	0.21	1608.55	2600.00	2219.89	0.17
2050.000	50.00	846.10	846.30	570.00	843.80	852.41	0.0	0.26	1597.79	2600.00	2543.69	0.34
2100.000	50.00	0.0	0.0	190.00	844.00	851.40	0.0	0.25	1303.60	1767.91	1075.97	0.0
2100.000	50.00	0.0	0.0	269.00	844.00	851.80	0.0	0.40	1287.69	1781.64	1293.43	0.45
2100.000	50.00	0.0	0.0	343.00	844.00	852.00	0.0	0.47	1282.35	1786.81	1378.62	0.17
2100.000	50.00	0.0	0.0	570.00	844.00	852.41	0.0	0.64	1271.59	1797.24	1555.91	0.34
2150.000	50.00	0.0	0.0	190.00	845.00	851.44	0.0	0.34	1301.17	1749.73	814.20	0.0
2150.000	50.00	0.0	0.0	269.00	845.00	851.89	0.0	0.52	1312.86	1763.46	1008.85	0.45
2150.000	50.00	0.0	0.0	343.00	845.00	852.07	0.0	0.61	1302.17	1768.65	1087.53	0.17
2150.000	50.00	0.0	0.0	570.00	845.00	852.41	0.0	0.81	1290.32	1779.09	1252.03	0.34

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		100	20	0.20
10,000	0.	-0.7	-0.1	0.3
15,000	5.	-0.7	-0.1	0.3
20,000	10.	-0.7	-0.2	0.3
300,000	310.	-0.7	-0.2	0.4
345,000	335.	-0.7	-0.2	0.3
395,000	385.	-0.7	-0.2	0.3
650,000	610.	-2.6	-0.4	0.5
700,000	660.	-1.6	-0.3	0.5
750,000	710.	-0.9	-0.2	0.2
785,000	743.	-0.6	-0.2	0.3
808,000	768.	-0.8	-0.4	0.6
856,000	818.	-1.6	-0.3	0.5
1050,000	1010.	-1.5	-0.3	0.6
1100,000	1060.	-1.3	-0.3	0.3
1150,000	1110.	-0.8	-0.1	0.2
1225,000	1183.	-0.8	-0.1	0.2
1275,000	1233.	-0.5	-0.2	0.3
1323,000	1283.	-0.5	-0.2	0.3
1450,000	1410.	-1.5	-0.5	1.0
1525,000	1465.	-1.5	-0.5	1.0
1550,000	1510.	-1.6	-0.1	0.3
1600,000	1560.	-0.5	-0.1	0.2
1650,000	1610.	-1.5	-0.5	1.0
1700,000	1660.	-1.5	-0.5	1.0
1980,000	1860.	-1.5	-0.5	1.2
1950,000	1910.	-1.5	-0.5	1.2
2000,000	1960.	-0.4	-0.1	0.2
2057,000	2017.	-0.5	-0.2	0.3
2107,000	2067.	-0.6	-0.2	0.3
2157,000	2117.	-0.6	-0.2	0.3
WEIGHTED AVE FOR REACH		-1.1	-0.3	0.5

THE FLOOD HAZARD ZONE WITHIN 30 FEET OF THE REACH WITHIN 0.25 FEET ZONE FOR THE REACH IS 1.1

HECR RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,91,52

EU