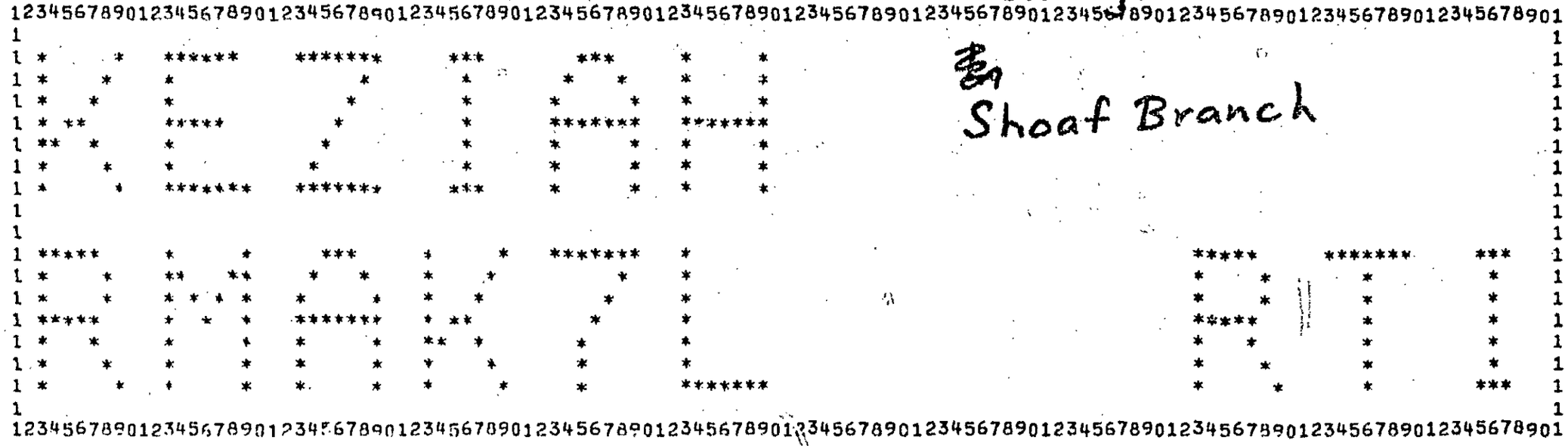
Lexington



PROGRAMMER=KEZIAH ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND			JOB PARAMETERS			TIME USED INCLUDES			MISC. JOB VALUES		
	DATE	TIME		SPECIFIED	USED		NO.	EQUIVALENT			
ENTERED	11/29/77	13:31:05.5	TIME	2:00.0	0:20.7	CPU		0:05.5	LINES IN	96	
EXECUTED	11/29/77	19:39:15.6	PAGES	100	24	UR EXCPS	1441	0:05.8	LINES OUT	1259	
RETURNED	12/01/77	13:50:26.2	CARDS	0	0	DISK EXCPS	468	0:09.4	MEMORY TIME	10325	K-SEC
JOB ENTERED ON TUESDAY			PLOTS	0	0	TAPE READ-WRITE		0:00.0	PRIORITY	00	
						TAPE FILE SEARCH		0:00.0	APPROX. COST	$4.79	

J O B C O N S O L E L O G

```
N 19.39.12 JOB  143 -- RMAK7L    -- JCL INTERPRETED, TUCC CPU #2
N 19.39.15 JOB  143 -- RMAK7L    -- BEGINNING EXEC - INIT 3 - CLASS
L*19.39.15 JOB  143 +++++S=068,T=02,J=RMAK7L  19:39:15 KEZIAH
N 19.39.51 JOB  143 END EXECUTION.
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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
**************************************************

C
T1      LEXINGTON-DAVIDSON CO.    STREAM 7L
T2      FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
T3      10 YEAR FLOOD WATER SURFACE PROFILE

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
      -1.        2.        0.        0.  0.009000       0.0       0.0        0.   710.000     0.0

J2  NPROF      IPLOT     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

     38.000    39.000    40.000    41.000    43.000    42.000     1.000     2.000    26.000    53.000

     54.000    55.000    50.000       0.0   201.000       0.0       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
QT     5.000   200.000   387.000   491.000   754.000   491.000       0.0       0.0       0.0       0.0
ET     5.000       0.0       0.0       0.0       0.0   -10.400       0.0       0.0       0.0       0.0

X1   373.000     9.000  1208.000  1231.000   373.000   373.000   373.000       0.0       0.0       0.0
GR   727.200  1000.000   714.700  1100.000   712.600  1200.000   712.400  1208.000   705.800  1216.000
GR   705.400  1219.000   705.900  1224.000   713.900  1231.000   727.200  1286.000       0.0       0.0

X1   442.000       0.0       0.0       0.0    75.000    75.000    75.000       0.0     2.200       0.0
NC     0.025     0.025     0.025     0.100     0.300       0.0       0.0       0.0       0.0       0.0

X1   496.000    19.000  1497.500  1502.500    50.000    50.000    50.000       0.0       0.0       0.0
GR   724.900  1000.000   726.900  1100.000   728.200  1200.000   729.100  1300.000   719.000  1381.000
GR   716.900  1481.000   716.700  1489.000   712.200  1497.500   710.400  1498.200   709.700  1500.000
GR   710.400  1501.800   712.200  1502.500   718.200  1512.000   731.500  1567.000   734.600  1600.000
GR   737.700  1700.000   740.400  1800.000   743.100  1900.000   744.200  2000.000       0.0       0.0
SB     0.900     3.200     2.500       0.0     5.000     0.010    19.630       0.0       0.0       0.0

X1  1078.000    17.000  1497.500  1502.500   580.000   580.000   580.000       0.0       0.0       0.0
X2     0.0       0.0       1.000   719.400       0.0       0.0       0.0       0.0       0.0       0.0
BT    17.000  1000.000   741.400       0.0  1100.000   742.600       0.0  1200.000   744.900       0.0
BT  1272.000   738.500       0.0  1372.000   728.100       0.0  1449.000   722.400       0.0  1472.000
BT   722.100       0.0  1489.000   721.600       0.0  1497.500   755.200   716.900  1498.200   755.200
BT   718.700  1500.000   755.300   719.400  1501.800   755.400   718.700  1502.500   755.400   716.900
BT  1600.000   759.900       0.0  1700.000   763.900       0.0  1800.000   768.200       0.0  1846.000
BT   770.200       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
GR   741.400  1000.000   742.600  1100.000   744.900  1200.000   738.500  1272.000   728.100  1372.000
```

GR	722.400	1449.000	722.100	1472.000	721.600	1489.000	716.900	1497.500	715.100	1498.200
GR	714.400	1500.000	715.100	1501.800	716.900	1502.500	759.900	1600.000	763.900	1700.000
GR	768.200	1800.000	770.200	1846.000	0.0	0.0	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	1128.000	11.000	1217.000	1234.000	50.000	50.000	50.000	0.0	-1.600	0.0
GR	741.000	1000.000	730.600	1100.000	724.900	1177.000	724.600	1200.000	724.100	1217.000
GR	717.400	1225.000	716.900	1228.000	717.300	1231.000	721.200	1234.000	733.700	1300.000
GR	741.000	1334.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1203.000	0.0	0.0	0.0	251.000	251.000	251.000	0.0	1.600	0.0
QT	5.000	167.000	330.000	422.000	659.000	422.000	0.0	0.0	0.0	0.0
X1	1454.000	11.000	1120.000	1129.000	615.000	615.000	615.000	0.0	-10.700	0.0
GR	749.200	1000.000	742.200	1070.000	737.800	1100.000	734.600	1120.000	731.100	1123.000
GR	730.800	1124.000	731.000	1126.000	733.600	1129.000	734.800	1180.000	736.100	1200.000
GR	749.200	1294.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1504.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1554.000	17.000	1395.700	1398.200	50.000	50.000	50.000	0.0	0.0	0.0
GR	742.000	1000.000	734.500	1100.000	729.400	1200.000	726.700	1300.000	726.100	1314.000
GR	726.900	1387.000	725.800	1393.000	723.300	1395.700	722.400	1396.100	722.000	1397.000
GR	722.400	1397.900	723.300	1398.200	724.800	1402.000	726.000	1453.000	727.300	1473.000
GR	740.400	1567.000	749.400	1600.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	2.500	0.010	4.910	0.0	0.0	0.0
X1	1578.000	0.0	0.0	0.0	24.000	24.000	24.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	724.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	742.000	0.0	1100.000	734.500	0.0	1200.000	729.400	0.0
BT	1300.000	726.700	0.0	1395.700	726.900	723.300	1396.100	726.900	724.200	1397.000
BT	726.900	724.500	1397.900	726.900	724.200	1398.200	726.900	723.300	1400.000	727.100
BT	0.0	1500.000	737.500	0.0	1538.000	742.000	0.0	1600.000	749.400	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1628.000	11.000	1120.000	1129.000	50.000	550.000	50.000	0.0	-7.600	0.0
GR	749.200	1000.000	742.200	1070.000	737.800	1100.000	734.600	1120.000	731.100	1123.000
GR	730.800	1124.000	731.000	1126.000	733.600	1129.000	734.800	1180.000	736.100	1200.000
GR	749.200	1294.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1678.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.200	0.0
QT	5.000	108.000	220.000	286.000	459.000	286.000	0.0	0.0	0.0	0.0
X1	2534.000	0.0	0.0	0.0	856.000	856.000	856.000	0.0	6.400	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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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
**************************************************


T1      LEXINGTON-DAVIDSON CO.    STREAM  7L
T2      FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3      50 YEAR FLOOD WATER SURFACE PROFILE

J1   ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      -10.        3.        0.        0.  0.009000       0.0       0.0        0.   711.000     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

*PROF 2

CCHV=   0.100 CEHV=   0.300
*SECNO 373.000
   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

   373.00      4.49    709.89       0.0    711.00    710.78      0.89       0.0       0.0    712.40
     387.        0.      387.        0.        0.       51.        0.        .0        0.    713.90
      0.0       0.0      7.55       0.0     0.055     0.035     0.055       0.0    705.40   1211.04
 0.008901      373.     373.       373.         0         0         4       0.0     16.46   1227.49

*SECNO 448.000
   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

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
   448.00      3.85    711.45    711.45       0.0    712.83      1.38       0.88      0.15    714.60
     387.        0.      387.        0.        0.       41.        0.         0.        0.    716.10
      0.00      0.0      9.43       0.0     0.055     0.035     0.055      0.035    707.60   1211.82
 0.016319       75.       75.       75.        20        15         0        0.0     15.11   1226.93

CCHV=   0.100 CEHV=   0.300
*SECNO 498.000
   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
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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
**************************************************


T1      LEXINGTON-DAVIDSON CO.    STREAM  7L
T2      FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3      100 YEAR FLOOD WATER SURFACE PROFILE

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

     -10.        4.        0.        0.  0.009000      0.0       0.0       0.    713.000     0.0

J2  NPROF      IPLOT     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

*PROF 3

CCHV=   0.100 CEHV=   0.300
*SECNO 373.000
   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

    373.00      5.06    710.46       0.0    713.00    711.47      1.01       0.0       0.0    712.40
      491.         0.      491.        0.        0.       61.        0.        0.        0.    713.90
       0.0       0.0       8.06      0.0     0.055     0.035     0.055      0.0    705.40   1210.35
  0.008946      373.      373.      373.         0         0         4       0.0     17.64   1227.99

*SECNO 448.000

3301 HV CHANGED MORE THAN HVINS

   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     XLORL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
    448.00      4.38    711.98    711.98       0.0    713.51      1.53       0.87      0.16    714.60
      491.         0.      491.        0.        0.       49.        0.        0.        0.    716.10
       0.00      0.0       9.94      0.0     0.055     0.035     0.055      0.035   707.60   1211.17
  0.015814        75.       75.       75.        20        11         0       0.0     16.22   1227.40


CCHV=   0.100 CEHV=   0.300
*SECNO 498.000
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
**************************************************


T1      LEXINGTON-DAVIDSON CO.    STREAM  7L
T2      FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3      500 YEAR FLOOD WATER SURFACE PROFILE

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

     -10.        5.        0.        0.  0.009000       0.0       0.0        0.   714.000     0.0

J2  NPROF      IPLOT     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

*PROF 4

CCHV=   0.100 CEHV=   0.300
*SECNO 373.000
   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

    373.00      6.26    711.66       0.0    714.00    712.93      1.26       0.0       0.0    712.40
      754.        0.      754.        0.        0.       84.        0.        0.        0.    713.90
       0.0       0.0      9.02       0.0     0.055     0.035     0.055       0.0    705.40   1208.89
  0.008977      373.     373.      373.         0         0         4       0.0     20.15   1229.04

*SECNO 448.000

3301 HV CHANGED MORE THAN HVINS

   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

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
    448.00      5.49    713.09    713.09       0.0    714.96      1.87      0.86      0.18    714.60
      754.        0.      754.        0.        0.       69.        0.        0.        0.    716.10
      0.00       0.0     10.97       0.0     0.055     0.035     0.055     0.035    707.60   1209.83
 0.015241        75.      75.       75.        20        11         0       0.0     18.54   1228.37


CCHV=   0.100 CEHV=   0.300
*SECNO 498.000

3301 HV CHANGED MORE THAN HVINS
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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
**************************************************
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
	373.000	373.00	0.0	0.0	200.00	705.40	708.60	0.0	6.30	1212.60	1226.36	31.73	0.0
	373.000	373.00	0.0	0.0	387.00	705.40	709.89	0.0	7.55	1211.04	1227.49	51.24	1.29
A (LOB)	373.000	373.00	0.0	0.0	491.00	705.40	710.46	0.0	8.06	1210.35	1227.99	60.94	0.57
	373.000	373.00	0.0	0.0	754.00	705.40	711.66	0.0	9.02	1208.89	1229.04	83.62	1.20
*	448.000	75.00	0.0	0.0	200.00	707.60	710.29	710.29	8.02	1213.22	1225.92	24.94	0.0
*	448.000	75.00	0.0	0.0	387.00	707.60	711.45	711.45	9.43	1211.82	1226.93	41.06	1.16
*	448.000	75.00	0.0	0.0	491.00	707.60	711.98	711.98	9.94	1211.17	1227.40	49.42	0.53
*	448.000	75.00	0.0	0.0	754.00	707.60	713.09	713.09	10.97	1209.83	1228.37	68.72	1.11
*	498.000	50.00	0.0	0.0	200.00	709.70	714.15	714.15	9.08	1493.81	1505.59	25.37	0.0
*	498.000	50.00	0.0	0.0	387.00	709.70	715.52	715.52	10.57	1491.22	1507.76	44.80	1.37
*	498.000	50.00	0.0	0.0	491.00	709.70	716.06	716.06	11.24	1490.20	1508.62	54.25	0.54
*	498.000	50.00	0.0	0.0	754.00	709.70	717.67	717.67	9.98	1444.38	1511.16	108.42	1.60
*	1078.000	580.00	721.60	719.40	200.00	714.40	718.91	718.83	8.59	1493.86	1507.06	27.32	0.0
*	1078.000	580.00	721.60	719.40	387.00	714.40	723.18	0.0	3.45	1438.45	1516.74	166.71	4.27
	1078.000	580.00	721.60	719.40	491.00	714.40	723.66	0.0	3.57	1431.97	1517.83	206.09	0.48
	1078.000	580.00	721.60	719.40	754.00	714.40	724.58	0.0	3.84	1419.57	1519.91	291.56	0.92
	1128.000	50.00	0.0	0.0	200.00	715.30	719.86	0.0	4.70	1220.15	1235.38	42.68	0.0
B	1128.000	50.00	0.0	0.0	387.00	715.30	723.16	0.0	3.63	1188.05	1252.77	135.56	3.29
	1128.000	50.00	0.0	0.0	491.00	715.30	723.61	0.0	4.03	1172.73	1255.21	170.88	0.46
	1128.000	50.00	0.0	0.0	754.00	715.30	724.51	0.0	4.74	1160.67	1259.92	251.97	0.89
	1203.000	251.00	0.0	0.0	200.00	716.90	720.94	0.0	5.64	1220.77	1233.80	35.47	0.0
	1203.000	251.00	0.0	0.0	387.00	716.90	723.40	0.0	5.14	1217.83	1245.63	84.44	2.46
	1203.000	251.00	0.0	0.0	491.00	716.90	723.87	0.0	5.76	1217.27	1248.10	98.17	0.47
	1203.000	251.00	0.0	0.0	754.00	716.90	724.72	0.0	7.14	1191.07	1252.57	133.07	0.85
	1454.000	615.00	0.0	0.0	167.00	720.10	724.23	0.0	4.48	1117.96	1181.95	63.67	0.0
	1454.000	615.00	0.0	0.0	330.00	720.10	725.22	0.0	4.29	1111.73	1197.27	138.14	0.99
	1454.000	615.00	0.0	0.0	422.00	720.10	725.74	0.0	4.13	1108.57	1202.35	183.68	0.51
	1454.000	615.00	0.0	0.0	659.00	720.10	726.75	0.0	4.07	1102.22	1209.65	285.96	1.01
	1504.000	50.00	0.0	0.0	167.00	720.40	724.39	0.0	5.03	1118.78	1179.78	55.41	0.0
C	1504.000	50.00	0.0	0.0	330.00	720.40	725.32	0.0	4.87	1112.90	1194.20	121.47	0.93
	1504.000	50.00	0.0	0.0	422.00	720.40	725.81	0.0	4.64	1109.91	1200.82	163.88	0.49
	1504.000	50.00	0.0	0.0	659.00	720.40	726.80	0.0	4.48	1103.72	1207.93	260.64	0.99

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
*	1554.000	50.00	0.0	0.0	167.00	722.00	725.84	725.84	6.67	1392.77	1446.27	42.02	0.0
*	1554.000	50.00	0.0	0.0	330.00	722.00	726.23	726.23	8.16	1310.98	1456.53	66.61	0.39
*	1554.000	50.00	0.0	0.0	422.00	722.00	726.51	726.51	7.49	1304.53	1460.78	94.06	0.28
*	1554.000	50.00	0.0	0.0	659.00	722.00	726.80	726.80	8.36	1296.36	1465.28	134.51	0.29
	1578.000	24.00	726.70	724.50	167.00	722.00	727.39	0.0	1.11	1274.20	1473.69	244.39	0.0
	1578.000	24.00	726.70	724.50	330.00	722.00	727.78	0.0	1.57	1259.82	1476.48	325.19	0.39
	1578.000	24.00	726.70	724.50	422.00	722.00	727.95	0.0	1.76	1253.61	1477.68	362.11	0.18
	1578.000	24.00	726.70	724.50	659.00	722.00	728.33	0.0	2.12	1239.60	1480.40	450.06	0.38
	1628.000	50.00	0.0	0.0	167.00	723.20	727.29	0.0	4.62	1118.18	1181.41	61.44	0.0
*	1628.000	50.00	0.0	0.0	330.00	723.20	727.56	727.56	7.26	1116.47	1185.61	79.49	0.28
*	1628.000	50.00	0.0	0.0	422.00	723.20	727.73	727.73	8.16	1115.42	1188.20	91.44	0.17
*	1628.000	50.00	0.0	0.0	659.00	723.20	728.28	728.28	8.80	1112.00	1196.61	134.45	0.55
*	1678.000	50.00	0.0	0.0	167.00	724.40	728.06	728.06	6.52	1120.12	1165.49	37.60	0.0
*	1678.000	50.00	0.0	0.0	330.00	724.40	728.75	728.75	7.34	1116.56	1185.40	78.54	0.69
*	1678.000	50.00	0.0	0.0	422.00	724.40	728.99	728.99	7.81	1115.05	1189.12	95.81	0.24
*	1678.000	50.00	0.0	0.0	659.00	724.40	729.37	729.37	9.41	1112.67	1194.96	125.51	0.38
	2534.000	856.00	0.0	0.0	108.00	730.80	734.41	0.0	4.37	1120.16	1163.48	35.51	0.0
	2534.000	856.00	0.0	0.0	220.00	730.80	735.05	0.0	5.29	1117.15	1183.93	72.10	0.64
	2534.000	856.00	0.0	0.0	286.00	730.80	735.33	0.0	5.55	1115.45	1188.13	91.12	0.27
	2534.000	856.00	0.0	0.0	459.00	730.80	736.00	0.0	5.70	1111.25	1198.46	144.80	0.67

Lexington Corp Limits @ 24+13

SUMMARY OF ERRORS

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CAUTION  SECNO=  448.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  448.000  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  448.000  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=  448.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  448.000  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  448.000  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=  448.000  PROFILE= 3  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  448.000  PROFILE= 3  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  448.000  PROFILE= 3  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=  448.000  PROFILE= 4  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  448.000  PROFILE= 4  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  448.000  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION  SECNO=  498.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  498.000  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  498.000  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=  498.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  498.000  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  498.000  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=  498.000  PROFILE= 3  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  498.000  PROFILE= 3  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  498.000  PROFILE= 3  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=  498.000  PROFILE= 4  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=  498.000  PROFILE= 4  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=  498.000  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION  SECNO= 1078.000  PROFILE= 1  WSEL ASSUMED BASED ON MIN DIFF
CAUTION  SECNO= 1078.000  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
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 CAUTION  SECNO= 1078.000  PROFILE= 2  HYDRAULIC JUMP D.S.

 CAUTION  SECNO= 1554.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1554.000  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1554.000  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO= 1554.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1554.000  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1554.000  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO= 1554.000  PROFILE= 3  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1554.000  PROFILE= 3  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1554.000  PROFILE= 3  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO= 1554.000  PROFILE= 4  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1554.000  PROFILE= 4  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1554.000  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL

 CAUTION  SECNO= 1628.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1628.000  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1628.000  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO= 1628.000  PROFILE= 3  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1628.000  PROFILE= 3  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1628.000  PROFILE= 3  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO= 1628.000  PROFILE= 4  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1628.000  PROFILE= 4  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1628.000  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL

 CAUTION  SECNO= 1678.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO= 1678.000  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1678.000  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
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 CAUTION  SECNO= 1678.000  PROFILE= 4  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO= 1678.000  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL
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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 10C	2C	0.2C
373.000	0.	-1.9	-0.6	1.2
448.000	75.	-1.7	-0.5	1.1
498.000	125.	-1.9	-0.5	1.6
1078.000	705.	-4.7	-0.5	0.9
1128.000	755.	-3.8	-0.5	0.9
1203.000	1006.	-2.9	-0.5	0.9
1454.000	1621.	-1.5	-0.5	1.0
1504.000	1671.	-1.4	-0.5	1.0
1554.000	1721.	-0.7	-0.3	0.3
1578.000	1745.	-0.6	-0.2	0.4
1628.000	1795.	-0.4	-0.2	0.5
1678.000	1845.	-0.9	-0.2	0.4
2534.000	2701.	-0.9	-0.3	0.7
WEIGHTED AVG FOR REACH		-2.1	-0.4	0.9

FHF FOR THE REACH = 020 WITH 29.2C OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 4

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 10C	1C	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.				SEC.	373.000	
1	100.	709.7	711.5	-1.7	-1.7	015	100.
	75.				SEC.	448.000	
	125.				SEC.	498.000	
2	200.	714.5	716.6	-2.1	-1.9	020	100.
3	300.	715.2	717.7	-2.5	-2.1	020	100.
4	400.	716.0	719.0	-3.0	-2.3	025	100.
5	500.	716.8	720.3	-3.5	-2.6	025	100.
6	600.	717.6	721.6	-4.0	-2.8	030	67.
7	700.	718.5	722.9	-4.5	-3.0	030	71.
	705.				SEC.	1078.000	
	755.				SEC.	1128.000	
8	800.	720.0	723.6	-3.7	-3.1	030	63.
9	900.	720.3	723.7	-3.4	-3.2	030	67.
10	1000.	720.7	723.8	-3.1	-3.2	030	70.
	1006.				SEC.	1203.000	
11	1100.	721.2	724.0	-2.8	-3.1	030	73.
12	1200.	721.7	724.3	-2.6	-3.1	030	83.
13	1300.	722.2	724.6	-2.4	-3.0	030	85.
14	1400.	722.8	724.9	-2.1	-3.0	030	79.

	15	1500.	723.3	725.2	-1.9	-2.9	030	80.
	16	1600.	723.8	725.5	-1.7	-2.8	030	75.
		1621.					SEC. 1454.000	
		1671.					SEC. 1504.000	
	17	1700.	724.8	726.0	-1.2	-2.7	025	76.
		1721.					SEC. 1554.000	
		1745.					SEC. 1578.000	
		1795.					SEC. 1628.000	
	18	1800.	727.3	727.8	-0.5	-2.6	025	72.
		1845.					SEC. 1678.000	
	19	1900.	727.9	728.6	-0.7	-2.5	025	63.
	20	2000.	728.8	729.8	-0.9	-2.4	025	55.
	21	2100.	729.6	730.5	-0.9	-2.3	025	52.
	22	2200.	730.3	731.2	-0.9	-2.3	025	50.
	23	2300.	731.1	732.0	-0.9	-2.2	020	48.
	24	2400.	731.8	732.7	-0.9	-2.2	020	50.
	25	2500.	732.5	733.5	-0.9	-2.1	020	48.
	26	2600.	733.3	734.2	-0.9	-2.1	020	42.
	27	2700.	734.0	734.9	-0.9	-2.0	020	41.
		2701.					SEC. 2534.000	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLEC 202 15 27
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.