FEMA Effective HEC-2 Model

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  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02-
  MODIFICATION -  50.51.52.53
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T1      FLOOD INSURANCE STUDY
T2      DARIEN, CONN.
T3      10 YEAR FLOOD,  STONY BROOK
J1  ICHECK      INQ         NINV        IDIR        STRT        METRIC      HVINS       Q           WSEL        FQ
        0.          2.          0.          0.      0.0         0.0         0.0         0.          4.800       0.0
J2  NPROF       IPLOT       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
J6  IHLEQ       ICOPY
        1.000       0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0
NC      0.090       0.060       0.030       0.100       0.300       0.0         0.0         0.0         0.0         0.0
QT      5.000       465.000     670.000     800.000     1200.000    800.000     0.0         0.0         0.0         0.0
ET      0.0         0.0         0.0         0.0         0.0         10.600      0.0         0.0         0.0         0.0

X1      1.000       10.000      972.000     1034.000    0.0         0.0         0.0         0.0         0.0         0.0
GR      20.000      909.000     15.000      928.000     10.000      937.000     5.000       972.000     2.000       994.000
GR      1.000       1000.000    2.000       1022.000    5.000       1034.000    10.000      1044.000    20.000      1077.000
GR      0.060       0.120       0.035       0.0         0.0         0.0         0.0         0.0         0.0         0.0
NC

X1      2.000       13.000      986.000     1050.000    260.000     350.000     300.000     0.0         0.0         0.0
GR      20.000      902.000     9.000       954.000     8.000       986.000     5.000       990.000     2.700       1000.000
GR      5.000       1010.000    7.000       1011.000    7.000       1022.000    5.000       1025.000    5.000       1046.000
GR      7.000       1050.000    8.000       1097.000    20.000      1255.000    0.0         0.0         0.0         0.0

X1      3.000       11.000      989.000     1005.000    45.000      55.000      50.000      0.0         0.0         0.0
GR      20.000      902.000     10.000      946.000     7.100       984.000     7.200       989.000     4.800       989.000
GR      4.400       1005.000    7.200       1005.000    6.400       1021.000    8.400       1025.000    9.500       1035.000
GR      9.400       1070.000    0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0

X1      4.000       15.000      991.000     1020.000    50.000      45.000      50.000      0.0         0.0         0.0
GR      20.000      905.000     10.000      946.000     9.000       968.000     7.500       973.000     7.300       991.000
GR      5.800       991.000     4.000       992.000     3.600       1008.000    7.400       1020.000    8.000       1034.000
GR      9.000       1037.000    9.000       1097.000    10.000      1138.000    15.000      1182.000    20.000      1206.000
GR      0.0         0.0         0.0         0.300       0.500       0.0         0.0         0.0         0.0         0.0
NC

X1      5.000       8.000       992.000     1013.000    145.000     130.000     140.000     0.0         0.0         0.0
GR      15.000      856.000     9.000       940.000     8.500       992.000     3.000       992.000     1.000       998.000
GR      9.000       1013.000    10.000      1050.000    11.000      1120.000    0.0         0.0         0.0         0.0

X1      5.100       0.0         0.0         0.0         30.000      40.000      30.000      0.0         1.000       0.0
X3      10.000      0.0         0.0         0.0         0.0         0.0         0.0         8.000       8.000       0.0
NC      0.0         0.040       0.025       0.0         0.0         0.0         0.0         0.0         0.0         0.0
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	X1	6.100	13.000	987.000	1011.000	5.000	5.000	5.000	0.0	0.0	0.0
	BT	4.000	987.000	10.500	8.100	987.000	0.500	8.100	0.0	10.500	8.100
	BT	1011.000	10.500	8.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GR	20.000	7.95.000	15.000	820.000	12.000	355.000	9.600	966.000	10.500	987.000
	GR	3.400	987.000	2.400	994.000	3.000	007.000	2.900	1011.000	10.100	1011.000
	GR	9.900	1021.000	12.000	1113.000	20.000	1288.000	0.0	0.0	0.0	0.0
	X1	6.200	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0
	X2	0.0	0.0	0.0	8.100	10.500	0.0	1.000	0.0	0.0	0.0
	NC	0.120	0.050	0.030	0.0	0.0	0.0	0.0	0.0	0.0	
	X1	7.200	13.000	1000.000	1023.000	5.000	5.000	5.000	0.0	0.0	0.0
	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	9.700	9.700	0.0
	GR	20.000	715.000	14.000	772.000	15.000	810.000	9.000	884.000	8.500	980.000
	GR	4.000	980.000	2.500	1000.000	4.000	1023.000	8.500	1023.000	9.000	1072.000
	GR	11.000	1100.000	15.000	1125.000	20.000	1275.000	0.0	0.0	0.0	0.0
	X1	7.100	0.0	0.0	0.0	50.000	25.000	40.000	0.0	0.0	0.0
	NC	0.095	0.050	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
	X1	7.300	10.000	989.000	1008.000	100.000	50.000	70.000	0.0	0.0	0.0
	GR	22.400	895.000	15.000	944.000	8.600	978.000	9.000	989.000	2.700	1000.000
	GR	5.600	1007.000	8.700	1008.000	10.000	1039.000	15.000	1103.000	19.500	1141.000
	NC	0.080	0.050	0.030	0.300	0.500	0.0	0.0	0.0	0.0	0.0
	X1	8.000	12.000	990.000	1010.000	80.000	370.000	370.000	0.0	0.0	0.0
	GR	15.000	925.000	11.000	956.000	9.000	990.000	6.500	990.000	6.000	1000.000
	GR	6.500	1010.000	10.500	1010.000	14.000	1018.000	15.000	1037.000	21.000	1063.000
	GR	22.000	1088.000	30.000	1140.000	0.0	0.0	0.0	0.0	0.0	0.0
	X1	8.100	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	14.000	14.000	0.0
	NC	0.040	0.040	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	X1	9.100	12.000	993.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0
	ST	5.000	993.000	16.000	12.400	993.000	16.000	12.400	1000.000	16.000	12.400
	BT	1010.000	16.000	12.400	1010.000	16.000	12.000	0.0	0.0	0.0	0.0
	GR	23.000	576.000	18.000	840.000	16.000	920.000	16.000	993.000	6.300	993.000
	GR	5.900	1000.000	7.400	1010.000	16.000	1010.000	16.000	1098.000	17.000	1217.000
	GR	19.000	1328.000	25.000	1430.000	0.0	0.0	0.0	0.0	0.0	0.0
	X1	9.200	0.0	0.0	0.0	52.000	52.000	52.000	0.0	0.0	0.0
	X2	0.0	0.0	0.0	12.400	16.000	0.0	1.000	0.0	0.0	0.0
	NC	0.050	0.060	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	X1	10.100	14.000	993.000	1016.000	5.000	5.000	5.000	0.0	0.0	0.0
	X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	16.000	16.000	0.0
	GR	23.000	584.000	17.000	863.000	15.000	885.000	15.000	976.000	12.500	993.000
	GR	6.400	993.000	4.800	1000.000	6.000	1006.000	12.100	1016.000	13.000	1085.000
	GR	14.000	1100.000	15.300	1220.000	15.000	1240.000	19.400	1360.000	0.0	0.0
	X1	10.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.0	0.0
	NC	0.060	0.060	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
	X1	11.000	12.000	995.000	1011.000	90.000	110.000	100.000	0.0	0.0	0.0

GR	15.900	900.000	14.400	995.000	16.100	995.000	15.000	1000.000	6.000	1010.000	
GR	12.500	1011.000	12.200	1030.000	12.000	1061.000	10.000	1094.000	11.000	1190.000	
GR	14.000	1237.000	20.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0	
X1	12.000	13.000	990.000	1010.000	30.000	40.000	55.000	0.0	0.0	0.0	
GR	22.000	714.000	14.000	915.000	13.200	990.000	60.000	990.000	5.600	1000.000	
GR	9.500	1007.000	11.000	1010.000	10.700	1026.000	11.000	1050.000	9.500	1065.000	
GR	11.000	1165.000	15.000	1210.000	25.000	1282.000	0.0	0.0	0.0	0.0	
NC	0.040	0.055	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	13.000	13.000	993.000	1006.000	440.000	470.000	455.000	0.0	0.0	0.0	
GR	15.200	845.000	14.000	905.000	12.000	922.000	11.000	977.000	10.800	993.000	
GR	7.000	993.000	6.500	1000.000	7.000	1006.000	12.000	1006.000	13.000	1026.000	
GR	14.000	1074.000	17.000	1152.000	24.000	1170.000	0.0	0.0	0.0	0.0	
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0	
X1	13.100	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	13.000	13.000	0.0	
NC	0.030	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	14.100	11.000	992.000	1008.000	5.000	5.000	5.000	0.0	0.0	0.0	
BT	5.000	992.000	16.600	11.200	992.000	16.600	11.200	996.000	16.600	11.200	
BT	1008.000	16.600	11.200	1006.000	16.600	11.200	0.0	0.0	0.0	0.0	
GR	23.300	493.000	14.000	900.000	13.500	992.000	6.400	992.000	6.100	996.000	
GR	6.800	1006.000	13.400	1008.000	13.700	1020.000	14.000	1040.000	16.000	1095.000	
GR	24.000	1236.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	14.200	0.0	0.0	0.0	45.000	45.000	45.000	0.0	0.0	0.0	
X2	0.0	0.0	0.0	11.200	13.400	0.0	11.000	0.0	0.0	0.0	
NC	0.040	0.040	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	15.100	13.000	990.000	1011.000	5.000	5.000	5.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	13.400	13.400	0.0	
GR	20.000	530.000	18.000	1549.000	16.000	614.000	140.000	628.000	10.500	955.000	
GR	10.200	990.000	7.000	990.000	7.500	1011.000	11.500	1011.000	13.000	1024.000	
GR	12.000	1050.000	15.000	1055.000	16.000	1085.000	0.0	0.0	0.0	0.0	
X1	15.000	0.0	0.0	0.0	45.000	35.000	40.000	0.0	0.0	0.0	
NC	0.100	0.100	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0	
X1	16.000	16.000	986.000	1012.000	970.000	980.000	975.000	0.0	0.0	0.0	
GR	26.200	941.000	18.000	960.000	10.900	986.000	9.600	988.000	9.200	1000.000	
GR	9.000	1008.000	10.000	1012.000	14.100	1012.000	14.200	1014.000	13.200	1015.000	
GR	13.900	1060.000	15.000	1128.000	16.000	1310.000	17.000	1364.000	19.000	1407.000	
GR	21.000	1424.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NC	0.060	0.100	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	17.000	10.000	993.000	1010.000	445.000	440.000	445.000	0.0	0.0	0.0	
GR	25.000	920.000	20.000	966.000	15.000	982.000	11.700	988.000	11.500	993.000	
GR	11.100	1000.000	11.700	1010.000	14.000	1013.000	19.000	1062.000	19.200	1085.000	
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0	
X1	17.100	0.0	0.0	0.0	55.000	45.000	50.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	17.000	17.000	0.0	
NC	0.030	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	18.100	13.000	993.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0	

BT	5.000	993.000	24.700	20.300	993.000	24.700	0.300	1000.000	24.700	20.000	
BT	1010.000	24.700	19.400	1010.000	24.700	19.000	0.0	0.0	0.0	0.0	
BT	30.000	833.000	25.000	944.000	22.800	986.000	23.000	993.000	11.700	993.000	
GR	11.700	1000.000	12.000	1010.000	21.900	1010.000	21.300	1023.000	20.000	1055.000	
GR	17.300	1188.000	18.000	1318.000	20.000	1380.000	0.0	0.0	0.0	0.0	
GR											
X1	18.200	0.0	0.0	0.0	33.000	33.000	53.000	0.0	0.0	0.0	
X2	0.0	0.0	0.0	20.300	17.300	0.0	1.000	0.0	0.0	0.0	
NC	0.080	0.080	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	19.100	17.000	992.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	20.000	117.500	17.500	0.0	
GR	30.000	835.000	29.700	875.000	25.300	925.000	20.000	960.000	17.800	986.000	
GR	15.200	992.000	12.300	995.000	9.500	997.000	10.600	1000.000	12.400	1008.000	
GR	16.300	1010.000	18.000	1022.000	17.500	1029.000	21.100	1095.000	19.000	1285.000	
GR	20.000	1370.000	30.000	1560.000	0.0	0.0	0.0	0.0	0.0	0.0	
X1	19.000	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0	
NC	0.100	0.100	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0	
X1	20.000	15.000	990.000	1010.000	270.000	340.000	310.000	0.0	0.0	0.0	
GR	38.900	790.000	34.500	875.000	26.800	925.000	15.000	980.000	14.500	990.000	
GR	12.500	993.000	12.500	1000.000	13.000	1007.000	14.500	1010.000	19.200	1050.000	
GR	16.400	1110.000	18.600	1175.000	27.000	1250.000	24.600	1310.000	31.200	1350.000	
X1	21.000	17.000	985.000	1008.000	320.000	270.000	290.000	0.0	0.0	0.0	
GR	31.600	900.000	30.000	930.000	25.000	960.000	23.600	964.000	23.100	968.000	
GR	16.000	985.000	14.600	990.000	14.300	1000.000	15.100	1008.000	16.000	1013.000	
GR	19.500	1023.000	19.100	1044.000	18.100	1135.000	20.500	1200.000	29.900	1310.000	
GR	29.400	1370.000	38.200	1460.000	0.0	0.0	0.0	0.0	0.0	0.0	
NC	0.030	0.030	0.025	0.300	0.500	0.0	0.0	0.0	0.0	0.0	
X1	22.000	0.0	0.0	0.0	110.000	110.000	110.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	33.000	33.000	0.0	
SB	1.250	3.500	2.500	0.0	17.200	2.000	100.000	0.0	20.450	17.100	
X1	23.000	10.000	992.000	1009.000	315.000	315.000	315.000	0.0	0.0	0.0	
X2	0.0	0.0	1.000	27.200	39.200	0.0	0.0	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	10.0	0.0	39.200	40.400	0.0	
BT	10.000	505.000	44.000	0.0	680.000	41.400	0.0	973.000	39.200	0.0	
BT	988.000	39.700	0.0	992.000	40.000	27.100	992.000	40.000	27.100	1009.000	
BT	40.400	27.100	1009.000	40.400	27.100	1026.000	40.700	0.0	1120.000	45.000	
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
GR	44.000	505.000	41.400	680.000	39.200	973.000	39.700	988.000	40.000	992.000	
GR	20.500	992.000	20.500	1009.000	40.400	1009.000	40.700	1028.000	45.000	1129.000	
X1	24.000	16.000	996.000	1021.000	30.000	30.000	30.000	0.0	0.0	0.0	
GR	50.000	702.000	33.400	852.000	32.400	920.000	30.000	950.000	23.400	984.000	
GR	23.200	996.000	21.600	1000.000	21.600	1006.000	20.200	1014.000	21.900	1021.000	
GR	29.100	1036.000	29.000	1039.000	31.500	1041.000	35.100	1051.000	36.900	1073.000	
GR	50.000	1165.000	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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*****************************************************
HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
ERROR CORR - 01,02
MODIFICATION - 50,51,52,53
*****************************************************

T1      FLOOD INSURANCE STUDY
T2      DARIEN, CONN.
T3      50 YEAR FLOOD.  STONY BROOK
J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
      0.       3.       0.       0.  0.0          0.0      0.0      0.      6.150    0.0
J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE
     2.000     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 UPDATE  AUG 1977
 ERROR CORR -  01,02
 MODIFICATION -  50,51,52,53
*****************************************************

T1      FLOOD INSURANCE STUDY
T2      DARIEN, CONN.
T3      100 YEAR FLOOD,  STONY BROOK

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
      0.       4.       0.       0.   0.0         0.0      0.0      0.      6.360    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
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*****************************************************
 HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
 ERROR CORR -  01,02
 MODIFICATION -  50,51,52,53
*****************************************************

T1      FLOOD INSURANCE STUDY
T2      DARIEN, CONN.
T3      500 YEAR FLOOD,  STONY BROOK
J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
     0.        5.       0.       0.       0.0      0.0      0.0      0.       7.000    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
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  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD. STONY BR

SUMMARY PRINTOUT TABLE 150

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
							5.80						
	1.000	0.0	0.0	0.0	1.00	465.00	~~5.80~~	0.0	4.98	15.81	3.40	136.83	116.94
	1.000	0.0	0.0	0.0	1.00	670.00	6.15	0.0	6.29	17.01	3.03	226.25	253.00
	1.000	0.0	0.0	0.0	1.00	800.00	6.36	0.0	6.54	8.24	3.41	241.64	278.75
	1.000	0.0	0.0	0.0	1.00	1200.00	7.00	0.0	7.29	10.88	4.36	291.00	363.89
							6.58						
	2.000	300.00	0.0	0.0	2.70	465.00	~~6.58~~	0.0	6.81	199.40	5.78	80.39	46.64
	2.000	300.00	0.0	0.0	2.70	670.00	7.12	0.0	7.58	72.27	5.45	123.33	78.81
	2.000	300.00	0.0	0.0	2.70	800.00	7.34	0.0	7.87	73.35	5.86	138.98	93.41
	2.000	300.00	0.0	0.0	2.70	1200.00	7.95	0.0	8.65	71.62	6.77	196.08	141.79
*	3.000	50.00	0.0	0.0	4.40	465.00	7.79	7.79	8.82	121.76	8.42	75.37	42.14
*	3.000	50.00	0.0	0.0	4.40	670.00	8.47	8.47	9.60	112.46	9.20	111.79	63.18
*	3.000	50.00	0.0	0.0	4.40	800.00	8.82	8.82	10.00	109.41	9.61	133.96	76.48
*	3.000	50.00	0.0	0.0	4.40	1200.00	9.77	9.77	10.97	95.35	10.28	219.08	122.89
	4.000	50.00	0.0	0.0	3.60	465.00	8.83	0.0	9.00	10.86	3.45	170.05	141.08
	4.000	50.00	0.0	0.0	3.60	670.00	9.58	0.0	9.79	11.46	3.94	267.56	197.96
	4.000	50.00	0.0	0.0	3.60	800.00	9.97	0.0	10.20	11.48	4.15	338.83	236.16
	4.000	50.00	0.0	0.0	3.60	1200.00	10.91	0.0	11.17	11.83	4.69	522.72	348.88
	5.000	140.00	0.0	0.0	1.00	465.00	8.98	0.0	9.30	21.17	4.53	113.44	101.06
	5.000	140.00	0.0	0.0	1.00	670.00	9.74	0.0	10.11	22.60	5.15	182.46	140.92
	5.000	140.00	0.0	0.0	1.00	800.00	10.13	0.0	10.52	22.67	5.40	229.87	168.01
	5.000	140.00	0.0	0.0	1.00	1200.00	11.08	0.0	11.48	22.10	5.88	394.59	255.25
	5.100	30.00	0.0	0.0	2.00	465.00	8.98	0.0	9.48	53.57	5.70	81.54	73.92
	5.100	30.00	0.0	0.0	2.00	670.00	9.65	0.0	10.43	54.62	7.06	96.04	90.66
	5.100	30.00	0.0	0.0	2.00	800.00	9.99	8.38	10.91	62.19	7.77	114.19	101.44
	5.100	30.00	0.0	0.0	2.00	1200.00	10.87	10.67	11.94	63.91	8.80	198.51	150.10
	6.100	5.00	10.50	8.10	2.40	465.00	9.38	0.0	9.58	14.05	3.66	127.20	124.04
	6.100	5.00	10.50	8.10	2.40	670.00	10.14	0.0	10.55	29.26	5.19	139.89	123.85
	6.100	5.00	10.50	8.10	2.40	800.00	10.74	0.0	11.11	43.00	5.20	198.77	121.99
	6.100	5.00	10.50	8.10	2.40	1200.00	12.10	0.0	12.24	16.38	3.71	479.15	296.50
	6.200	30.00	10.50	8.10	2.40	465.00	9.42	0.0	9.63	14.08	3.66	127.20	123.92
	6.200	30.00	10.50	8.10	2.40	670.00	10.24	0.0	10.65	28.76	5.14	145.97	124.93
	6.200	30.00	10.50	8.10	2.40	800.00	10.97	0.0	11.25	32.28	4.63	234.37	140.81
	6.200	30.00	10.50	8.10	2.40	1200.00	12.16	0.0	12.29	15.11	3.59	494.00	308.67

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	EA	.01K
								9.64	4.90	3.25	143.27	210.02
7.200	5.00	0.0	0.0	2.50	465.00	9.48	0.0	10.75	2.30	2.54	637.31	441.42
7.200	5.00	0.0	0.0	2.50	670.00	10.68	0.0	11.31	2.21	2.61	772.02	538.45
7.200	5.00	0.0	0.0	2.50	800.00	11.25	0.0	12.30	2.64	3.08	1019.62	738.98
7.200	5.00	0.0	0.0	2.50	1200.00	12.22						
							0.0	9.69	2.47	2.37	404.97	295.74
7.100	40.00	0.0	0.0	2.50	465.00	9.62	0.0	10.76	2.29	2.53	639.04	442.60
7.100	40.00	0.0	0.0	2.50	670.00	10.69	0.0	11.32	2.19	2.60	774.13	540.05
7.100	40.00	0.0	0.0	2.50	800.00	11.25	0.0	12.31	2.62	3.07	1022.53	741.48
7.100	40.00	0.0	0.0	2.50	1200.00	12.23						
							0.0	9.93	27.65	5.81	93.02	88.44
7.000	70.00	0.0	0.0	2.70	465.00	9.42	0.0	10.97	21.71	6.00	162.82	143.78
7.000	70.00	0.0	0.0	2.70	670.00	10.48	0.0	11.52	18.82	5.99	210.12	184.41
7.000	70.00	0.0	0.0	2.70	800.00	11.05	0.0	12.54	20.28	6.87	299.61	266.44
7.000	70.00	0.0	0.0	2.70	1200.00	11.98						
							0.0	10.92	24.42	5.31	103.71	94.09
8.000	370.00	0.0	0.0	6.00	465.00	10.49	0.0	11.86	25.37	6.10	147.51	133.02
8.000	370.00	0.0	0.0	6.00	670.00	11.33	0.0	12.38	24.90	6.42	176.70	160.33
8.000	370.00	0.0	0.0	6.00	800.00	11.81	0.0	13.54	28.29	7.62	243.15	225.63
8.000	370.00	0.0	0.0	6.00	1200.00	12.78						
							0.0	11.02	26.31	5.38	86.50	90.66
8.100	35.00	0.0	0.0	6.00	465.00	10.57	0.0	12.03	32.39	6.55	102.30	117.73
8.100	35.00	0.0	0.0	6.00	670.00	11.37	0.0	12.60	35.95	7.21	110.93	133.42
8.100	35.00	0.0	0.0	6.00	800.00	11.80	0.0	13.99	53.06	9.43	127.29	164.74
8.100	35.00	0.0	0.0	6.00	1200.00	12.61						
							0.0	11.17	32.90	6.80	68.43	81.07
9.100	5.00	16.00	12.40	5.90	465.00	10.45	0.0	12.25	42.16	8.27	80.97	103.18
9.100	5.00	16.00	12.40	5.90	670.00	11.19	0.0	12.87	46.14	9.13	87.59	115.31
9.100	5.00	16.00	12.40	5.90	800.00	11.57	0.0	14.51	79.89	12.29	97.65	134.25
9.100	5.00	16.00	12.40	5.90	1200.00	12.16						
							0.0	11.35	27.31	6.37	73.00	88.98
9.200	52.00	16.00	12.40	5.90	465.00	10.72	0.0	12.49	33.46	7.63	87.86	115.82
9.200	52.00	16.00	12.40	5.90	670.00	11.59	0.0	13.15	36.81	8.30	95.39	131.85
9.200	52.00	16.00	12.40	5.90	800.00	12.08	0.0	15.13	138.67	11.81	101.60	151.1
9.200	52.00	16.00	12.40	5.90	1200.00	12.96						
							0.0	11.43	20.88	5.08	91.59	101.77
10.100	5.00	0.0	0.0	4.80	465.00	11.03	0.0	12.62	23.77	5.86	111.36	137.44
10.100	5.00	0.0	0.0	4.80	670.00	12.08	0.0	13.31	24.10	6.22	128.68	162.96
10.100	5.00	0.0	0.0	4.80	800.00	12.71	0.0	15.59	19.79	6.71	178.84	269.74
10.100	5.00	0.0	0.0	4.80	1200.00	14.89						
							0.0	11.48	20.18	5.01	92.75	103.52
10.000	25.00	0.0	0.0	4.80	465.00	11.09	0.0	12.68	22.88	5.78	115.99	140.07
10.000	25.00	0.0	0.0	4.80	670.00	12.16	0.0	13.37	22.53	6.10	139.65	168.54
10.000	25.00	0.0	0.0	4.80	800.00	12.80	0.0	15.76	6.23	4.18	603.59	480.96
10.000	25.00	0.0	0.0	4.80	1200.00	15.58						
							0.0	11.66	13.30	4.08	201.98	127.50
11.000	100.00	0.0	0.0	5.50	465.00	11.45	0.0	12.83	6.72	3.16	437.72	258.43
11.000	100.00	0.0	0.0	5.50	670.00	12.74	0.0	13.51	4.65	2.76	598.64	369.98
11.000	100.00	0.0	0.0	5.50	800.00	13.45	0.0	15.81	1.64	1.91	1231.64	936.07
11.000	100.00	0.0	0.0	5.50	1200.00	15.79						
							0.0	11.75	30.67	4.45	226.77	83.69
12.000	35.00	0.0	0.0	5.60	465.00	11.62	0.0	12.86	9.46	2.91	440.86	217.88
12.000	35.00	0.0	0.0	5.60	670.00	12.81	0.0	13.53	6.23	2.51	575.18	320.41
12.000	35.00	0.0	0.0	5.60	800.00	13.49	0.0	15.82	1.90	1.56	1254.03	871.61
12.000	35.00	0.0	0.0	5.60	1200.00	15.80						

SECAO	XLGP	ELTRD	ELLG	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
13.000	455.00	0.0	0.0	6.50	465.00	12.80	0.0	12.73	15.57	4.44	138.75	117.84
13.000	455.00	0.0	0.0	6.50	670.00	13.23	0.0	13.43	13.42	4.46	238.97	182.91
13.000	455.00	0.0	0.0	6.50	800.00	13.79	0.0	13.95	11.36	4.14	317.45	248.53
13.000	455.00	0.0	0.0	6.50	1200.00	15.89	0.0	15.94	3.06	2.68	792.78	685.64
13.100	35.00	0.0	0.0	6.50	465.00	12.39	0.0	13.02	35.78	6.34	73.34	77.74
13.100	35.00	0.0	0.0	6.50	670.00	13.29	0.0	13.48	12.49	4.33	246.98	189.60
13.100	35.00	0.0	0.0	6.50	800.00	13.83	0.0	13.98	9.98	4.08	323.04	253.24
13.100	35.00	0.0	0.0	6.50	1200.00	15.90	0.0	15.95	3.02	2.66	797.33	690.45
14.100	5.00	16.60	11.20	6.10	465.00	12.48	0.0	13.15	32.40	6.05	76.80	82.99
14.100	5.00	16.60	11.20	6.10	670.00	12.82	0.0	14.00	66.52	8.72	76.80	82.15
14.100	5.00	16.60	11.20	6.10	800.00	13.09	0.0	14.77	96.38	10.42	76.80	81.49
14.100	5.00	16.60	11.20	6.10	1200.00	15.78	0.0	16.09	34.07	6.13	322.29	205.59
14.200	45.00	13.40	11.20	6.10	465.00	12.62	0.0	13.19	31.69	6.05	76.80	82.61
14.200	45.00	13.40	11.20	6.10	670.00	13.12	0.0	14.30	67.73	8.72	76.80	81.41
14.200	45.00	13.40	11.20	6.10	800.00	13.53	10.64	15.21	98.46	10.42	76.80	80.62
14.200	45.00	13.40	11.20	6.10	1200.00	16.04	0.0	16.25	23.77	5.12	375.93	246.11
15.100	5.00	0.0	0.0	7.00	465.00	13.08	0.0	13.30	99.45	3.80	122.45	151.28
15.100	5.00	0.0	0.0	7.00	670.00	14.57	0.0	14.64	72.52	2.44	381.29	421.71
15.100	5.00	0.0	0.0	7.00	800.00	15.65	0.0	15.70	1.75	2.23	507.96	603.89
15.100	5.00	0.0	0.0	7.00	1200.00	16.20	0.0	16.29	2.82	2.94	565.69	715.12
15.000	40.00	0.0	0.0	7.00	465.00	13.30	0.0	13.37	3.19	2.41	254.97	260.22
15.000	40.00	0.0	0.0	7.00	670.00	14.58	0.0	14.65	2.50	2.43	382.57	423.48
15.000	40.00	0.0	0.0	7.00	800.00	15.66	0.0	15.71	1.75	2.22	509.10	605.52
15.000	40.00	0.0	0.0	7.00	1200.00	16.22	0.0	16.30	2.80	2.94	587.72	717.75
16.000	975.00	0.0	0.0	9.00	465.00	13.85	0.0	14.08	10.39	3.90	145.65	144.25
16.000	975.00	0.0	0.0	9.00	670.00	15.00	0.0	15.24	8.59	4.11	282.67	228.63
16.000	975.00	0.0	0.0	9.00	800.00	15.94	0.0	16.11	5.73	3.72	512.25	334.22
16.000	975.00	0.0	0.0	9.00	1200.00	16.61	0.0	16.83	7.31	4.49	752.85	443.97
17.000	445.00	0.0	0.0	11.10	465.00	14.67	0.0	15.32	39.98	6.95	87.39	73.54
17.000	445.00	0.0	0.0	11.10	670.00	15.60	0.0	16.35	34.31	7.58	126.44	114.38
17.000	445.00	0.0	0.0	11.10	800.00	16.30	0.0	17.01	27.48	7.52	163.93	152.62
17.000	445.00	0.0	0.0	11.10	1200.00	16.97	0.0	18.11	37.82	9.61	205.99	195.12
17.100	50.00	0.0	0.0	11.10	465.00	14.73	0.0	15.75	56.72	8.11	57.36	61.74
17.100	50.00	0.0	0.0	11.10	670.00	15.51	0.0	16.91	60.53	9.49	70.64	86.12
17.100	50.00	0.0	0.0	11.10	800.00	16.10	0.0	17.63	56.64	9.91	170.72	106.30
17.100	50.00	0.0	0.0	11.10	1200.00	17.43	0.0	18.34	28.05	8.71	237.22	226.68
* 18.100	5.00	24.70	20.30	11.70	465.00	14.63	14.63	16.07	60.74	9.62	48.33	59.66
* 18.100	5.00	24.70	20.30	11.70	670.00	15.43	15.43	17.25	60.70	10.83	61.84	85.99
* 18.100	5.00	24.70	20.30	11.70	800.00	15.87	15.87	17.93	61.82	11.53	69.41	101.75
* 18.100	5.00	24.70	20.30	11.70	1200.00	18.55	18.55	19.28	18.76	7.81	276.21	277.07
18.200	33.00	17.30	20.30	11.70	465.00	15.56	0.0	16.38	26.19	7.24	64.21	90.86
18.200	33.00	17.30	20.30	11.70	670.00	16.53	0.0	17.60	28.09	8.30	80.72	128.42
18.200	33.00	17.30	20.30	11.70	800.00	17.10	15.87	18.32	29.18	8.86	90.76	148.11
18.200	33.00	17.30	20.30	11.70	1200.00	19.16	0.0	19.45	8.39	5.39	433.85	417.37

SECNO	XLCH	ELTRD	ELLO	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
19.100	5.00	0.0	0.0	9.50	465.00	15.73	0.0	15.43	42.30	6.70	69.41	71.50
19.100	5.00	0.0	0.0	9.50	670.00	16.77	0.0	17.67	42.99	7.60	88.13	102.18
19.100	5.00	0.0	0.0	9.50	800.00	17.39	0.0	18.40	42.36	8.06	99.29	122.91
19.100	5.00	0.0	0.0	9.50	1200.00	18.72	16.88	19.93	37.17	9.14	180.84	196.81
19.000	35.00	0.0	0.0	9.50	465.00	15.97	0.0	16.59	34.59	6.32	74.21	79.07
19.000	35.00	0.0	0.0	9.50	670.00	17.04	0.0	17.83	33.19	7.16	98.82	116.30
19.000	35.00	0.0	0.0	9.50	800.00	17.72	0.0	18.57	30.78	7.48	120.25	144.20
19.000	35.00	0.0	0.0	9.50	1200.00	19.30	17.10	20.11	29.55	8.44	212.31	220.77
20.000	310.00	0.0	0.0	12.50	465.00	16.97	0.0	17.34	7.73	5.13	146.36	110.42
20.000	310.00	0.0	0.0	12.50	670.00	18.12	0.0	18.45	12.73	5.14	229.80	167.82
20.000	310.00	0.0	0.0	12.50	800.00	18.82	0.0	19.10	10.01	4.95	320.10	252.69
20.000	310.00	0.0	0.0	12.50	1200.00	20.33	0.0	20.54	6.81	4.76	757.61	459.73
21.000	290.00	0.0	0.0	14.30	465.00	17.65	0.0	18.29	42.50	5.57	85.07	71.33
21.000	290.00	0.0	0.0	14.30	670.00	18.53	17.63	19.27	35.20	7.12	130.08	112.92
21.000	290.00	0.0	0.0	14.30	800.00	19.09	17.99	19.79	29.21	7.10	200.56	148.03
21.000	290.00	0.0	0.0	14.30	1200.00	20.48	0.0	20.97	17.30	6.57	480.29	288.49
22.000	110.00	0.0	0.0	17.10	465.00	19.84	19.84	21.02	72.42	8.71	53.37	54.64
22.000	110.00	0.0	0.0	17.10	670.00	20.48	20.48	21.99	67.86	9.84	68.11	81.33
22.000	110.00	0.0	0.0	17.10	800.00	20.85	20.85	22.55	65.95	10.47	76.67	98.51
22.000	110.00	0.0	0.0	17.10	1200.00	21.89	21.89	24.11	62.35	11.94	100.49	151.97
23.000	315.00	39.20	27.20	20.50	465.00	24.63	0.0	25.31	31.67	6.82	70.29	82.63
23.000	315.00	39.20	27.20	20.50	670.00	25.79	0.0	26.65	32.52	7.45	89.80	117.45
23.000	315.00	39.20	27.20	20.50	800.00	26.46	0.0	27.43	33.19	7.90	101.29	138.87
23.000	315.00	39.20	27.20	20.50	1200.00	28.51	0.0	29.72	33.19	8.81	136.24	208.30
24.000	30.00	0.0	0.0	20.20	465.00	25.29	0.0	25.89	7.10	3.59	143.52	174.50
24.000	30.00	0.0	0.0	20.20	670.00	26.71	0.0	26.88	4.25	3.69	217.22	325.13
24.000	30.00	0.0	0.0	20.20	800.00	27.53	0.0	27.69	3.38	3.62	282.12	435.02
24.000	30.00	0.0	0.0	20.20	1200.00	29.92	0.0	30.05	1.92	3.40	472.54	805.12

100 YEAR FLOOD. STONY BRK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	465.00	5.80	0.0	0.0	0.0	59.73	0.0
1.000	670.00	6.15	1.35	0.0	0.0	72.35	0.0
1.000	800.00	6.36	0.21	0.0	0.0	74.24	0.0
1.000	1200.00	7.00	0.64	0.0	0.0	80.00	0.0
2.000	465.00	6.58	0.0	1.49	0.0	47.89	300.00
2.000	670.00	7.12	0.83	0.97	0.0	68.32	300.00
2.000	800.00	7.34	0.22	0.98	0.0	78.62	300.00
2.000	1200.00	7.95	0.61	0.95	0.0	108.17	300.00
3.000	465.00	7.79	0.0	1.50	0.0	48.89	50.00
3.000	670.00	8.47	0.67	1.35	0.0	59.57	50.00
3.000	800.00	8.82	0.35	1.48	0.0	67.32	50.00
3.000	1200.00	9.77	0.95	1.82	0.0	121.00	50.00
4.000	465.00	8.83	0.0	1.04	0.0	67.94	50.00
4.000	670.00	9.58	0.75	1.11	0.0	165.77	50.00
4.000	800.00	9.97	0.39	1.15	0.0	190.94	50.00
4.000	1200.00	11.11	0.94	1.14	0.0	203.78	50.00
5.000	465.00	8.98	0.0	0.15	0.0	70.70	140.00
5.000	670.00	9.74	0.75	0.16	0.0	110.30	140.00
5.000	800.00	10.13	0.39	0.16	0.0	134.39	140.00
5.000	1200.00	11.08	0.95	0.17	0.0	208.37	140.00
5.100	465.00	8.98	0.0	0.200	0.0	19.09	30.00
5.100	670.00	9.65	0.67	0.08	0.0	36.24	30.00
5.100	800.00	9.99	0.34	0.14	0.0	71.82	30.00
5.100	200.00	10.87	0.88	0.21	0.0	117.43	30.00
6.100	465.00	9.38	0.0	0.40	0.0	24.00	5.00
6.100	670.00	10.14	0.77	0.49	0.0	32.27	5.00
6.100	800.00	10.74	0.60	0.75	0.0	104.78	5.00
6.100	1200.00	12.10	1.36	1.23	0.0	251.51	5.00
6.200	465.00	9.42	0.0	0.04	0.0	24.00	30.00
6.200	670.00	10.24	0.83	0.10	0.0	43.93	30.00
6.200	800.00	10.97	0.73	0.23	0.0	165.45	30.00
6.200	1200.00	12.16	1.19	0.06	0.0	163.41	30.00
7.200	465.00	9.48	0.0	0.06	0.0	23.00	5.00
7.200	670.00	10.68	1.20	0.44	0.0	232.33	5.00
7.200	800.00	11.25	0.56	0.27	0.0	245.25	5.00
7.200	1200.00	12.22	0.97	0.06	0.0	263.34	5.00
7.100	465.00	9.62	0.0	0.14	0.0	204.31	40.00
7.100	670.00	10.69	1.07	0.01	0.0	232.53	40.00
7.100	800.00	11.25	0.56	0.01	0.0	245.40	40.00
7.100	1200.00	12.23	0.98	0.01	0.0	263.54	40.00
7.000	465.00	9.42	0.0	-0.20	0.0	51.41	70.00
7.000	670.00	10.48	1.06	-0.21	0.0	77.10	70.00
7.000	800.00	11.05	0.58	-0.20	0.0	87.51	70.00
7.000	1200.00	11.98	0.93	-0.25	0.0	104.40	70.00

SECNO	O	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8.000	465.00	10.43	0.0	1.07	0.0	45.34	370.00
8.000	670.00	11.33	0.84	0.85	0.0	58.36	370.00
8.000	800.00	11.91	0.48	0.76	0.0	63.19	370.00
8.000	1200.00	12.78	0.97	0.80	0.0	72.98	370.00
8.100	465.00	10.57	0.0	0.08	0.0	20.00	35.00
8.100	670.00	11.37	0.80	-0.04	0.0	20.00	35.00
8.100	800.00	11.80	0.43	-0.01	0.0	20.00	35.00
8.100	1200.00	12.61	0.82	-0.17	0.0	20.00	35.00
9.100	465.00	10.45	0.0	-0.12	0.0	17.00	5.00
9.100	670.00	11.19	0.74	-0.18	0.0	17.00	5.00
9.100	800.00	11.57	0.39	-0.22	0.0	17.00	5.00
9.100	1200.00	12.16	0.59	-0.45	0.0	17.00	5.00
9.200	465.00	10.72	0.0	0.27	0.0	17.00	52.00
9.200	670.00	11.59	0.87	0.40	0.0	17.00	52.00
9.200	800.00	12.08	0.50	0.51	0.0	17.00	52.00
9.200	1200.00	12.96	0.88	0.80	0.0	17.00	52.00
10.100	465.00	11.03	0.0	0.31	0.0	20.86	5.00
10.100	670.00	12.08	1.06	0.49	0.0	22.50	5.00
10.100	800.00	12.71	0.63	0.62	0.0	23.00	5.00
10.100	1200.00	14.89	2.18	1.92	0.0	23.00	5.00
10.000	465.00	11.09	0.0	0.06	0.0	20.95	25.00
10.000	670.00	12.16	1.07	0.08	0.0	122.62	25.00
10.000	800.00	12.80	0.64	0.09	0.0	69.62	25.00
10.000	1200.00	15.58	2.78	0.69	0.0	374.46	25.00
11.000	465.00	11.45	0.0	0.36	0.0	143.18	100.00
11.000	670.00	12.74	1.29	0.58	0.0	222.32	100.00
11.000	800.00	13.45	0.71	0.65	0.0	233.38	100.00
11.000	1200.00	15.79	2.34	0.21	0.0	340.18	100.00
12.000	465.00	11.62	0.0	0.17	0.0	173.10	35.00
12.000	670.00	12.81	1.19	0.07	0.0	186.71	35.00
12.000	800.00	13.49	0.68	0.04	0.0	222.19	35.00
12.000	1200.00	15.80	2.31	0.01	0.0	337.84	35.00
13.000	465.00	12.50	0.0	0.88	0.0	98.20	455.00
13.000	670.00	13.23	0.73	0.42	0.0	125.50	455.00
13.000	800.00	13.79	0.56	0.30	0.0	156.90	455.00
13.000	1200.00	15.89	2.10	0.09	0.0	277.88	455.00
13.100	465.00	12.39	0.0	-0.11	0.0	13.00	35.00
13.100	670.00	13.29	0.90	0.06	0.0	129.05	35.00
13.100	800.00	13.83	0.54	0.04	0.0	158.90	35.00
13.100	1200.00	15.90	2.07	0.01	0.0	278.30	35.00
14.100	465.00	12.48	0.0	-0.09	0.0	16.00	5.00
14.100	670.00	12.82	0.34	-0.48	0.0	16.00	5.00
14.100	800.00	13.09	0.27	-0.74	0.0	16.00	5.00
14.100	1200.00	15.78	2.69	-0.12	0.0	266.72	5.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
14.200	465.00	12.62	0.0	0.14	0.0	16.00	45.00
14.200	670.00	13.12	0.50	0.30	0.0	16.00	45.00
14.200	800.00	13.53	0.41	0.44	0.0	26.47	45.00
14.200	1200.00	16.04	2.51	0.26	0.0	284.75	45.00
15.100	465.00	13.08	0.0	0.46	0.0	21.00	15.00
15.100	670.00	14.57	1.49	1.45	0.0	108.14	45.00
15.100	800.00	15.65	1.08	2.13	0.0	132.60	15.00
15.100	1200.00	16.20	0.55	0.17	0.0	151.02	15.00
15.000	465.00	13.30	0.0	0.22	0.0	83.85	40.00
15.000	670.00	14.58	1.28	0.01	0.0	108.23	40.00
15.000	800.00	15.66	1.08	0.01	0.0	132.88 475	40.00
15.000	1200.00	16.22	0.55	0.01	0.0	151.45 530	40.00
16.000	465.00	13.85	0.0	0.55	0.0	79.08	975.00
16.000	670.00	15.00	1.16	0.42	0.0	157.42	975.00
16.000	800.00	15.94	0.94	0.28	0.0	331.70	975.00
16.000	1200.00	16.61	0.67	0.40	0.0	377.19	975.00
17.000	465.00	14.67	0.0	0.83	0.0	36.99	445.00
17.000	670.00	15.60	0.92	0.59	0.0	48.46	445.00
17.000	800.00	16.30	0.70	0.36	0.0	57.65	445.00
17.000	1200.00	16.97	0.68	0.36	0.0	66.46	445.00
17.100	465.00	14.73	0.0	0.06	0.0	17.00	50.00
17.100	670.00	15.51	0.78	-0.09	0.0	17.00	50.00
17.100	800.00	16.10	0.59	-0.19	0.0	17.00	50.00
17.100	1200.00	17.43	1.32	0.45	0.0	72.31	50.00
18.100	465.00	14.63	0.0	-0.10	0.0	17.00	5.00
18.100	670.00	15.43	0.79	-0.09	0.0	17.00	5.00
18.100	800.00	15.87	0.45	-0.23	0.0	17.00	5.00
18.100	1200.00	18.55	2.66	1.13	0.0	226.01	5.00
18.200	465.00	15.56	0.0	0.93	0.0	17.00	33.00
18.200	670.00	16.53	0.97	1.11	0.0	17.00	33.00
18.200	800.00	17.10	0.57	1.23	0.0	17.00	33.00
18.200	1200.00	19.18	2.08	0.62	0.0	276.38	33.00
19.100	465.00	15.73	0.0	0.17	0.0	17.71	5.00
19.100	670.00	16.77	1.04	0.24	0.0	18.00	5.00
19.100	800.00	17.39	0.62	0.29	0.0	18.00	5.00
19.100	1200.00	18.72	1.33	-0.46	0.0	76.31	5.00
19.000	465.00	15.97	0.0	0.23	0.0	19.60	35.00
19.000	670.00	17.04	1.08	0.27	0.0	27.52	35.00
19.000	800.00	17.72	0.67	0.33	0.0	40.91	35.00
19.000	1200.00	19.10	1.38	0.38	0.0	104.52	35.00
20.000	465.00	16.97	0.0	1.00	0.0	89.25	310.00
20.000	670.00	18.12	1.15	1.08	0.0	163.17	310.00
20.000	800.00	18.82	0.69	1.10	0.0	203.25	310.00
20.000	1200.00	20.33	1.51	1.23	0.0	235.24	310.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	21.000	465.00	17.65	0.0	0.41	0.0	36.68	290.00
	21.000	670.00	18.53	0.68	0.41	0.0	91.89	290.00
	21.000	800.00	19.09	0.56	0.27	0.0	166.71	290.00
	21.000	1200.00	20.48	1.39	0.15	0.0	225.09	290.00
*	22.000	465.00	19.84	0.0	2.19	0.0	23.00	110.00
*	22.000	670.00	20.48	0.64	1.95	0.0	23.00	110.00
*	22.000	800.00	20.85	0.37	1.77	0.0	23.00	110.00
*	22.000	1200.00	21.89	1.04	1.42	0.0	23.00	110.00
*	23.000	465.00	24.63	0.0	4.79	0.0	17.00	315.00
*	23.000	670.00	25.79	1.15	5.31	0.0	17.00	315.00
*	23.000	800.00	26.46	0.67	5.60	0.0	17.00	315.00
*	23.000	1200.00	28.51	2.05	6.62	0.0	17.00	315.00
	24.000	465.00	25.29	0.0	0.66	0.0	53.79	30.00
	24.000	670.00	26.71	1.42	0.92	0.0	64.07	30.00
	24.000	800.00	27.53	0.82	1.07	0.0	70.00	30.00
	24.000	1200.00	29.92	2.39	1.41	0.0	89.33	30.00

SUMMARY OF ERRORS

CAUTION SECNO= 3.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 3.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 3.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 18.100 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 18.100 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 18.100 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 18.100 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 18.100 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 18.100 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 18.100 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 18.100 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 18.100 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 22.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 22.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 22.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 22.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 22.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 22.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 22.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 22.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 23.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 23.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO= 23.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO= 23.000 PROFILE= 4 HYDRAULIC JUMP D.S.

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50,51,52,53
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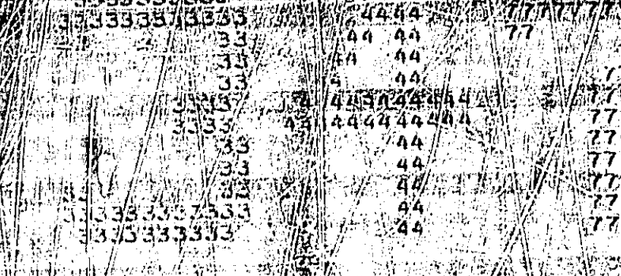
VSM END JOB 6577 BACKH201 07/25/78 15.17.44 2.521 LINES PRINTED



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VS1 START JOB 7347 BACKH201 07/27/78 15.01.50  999-108-011   A-STD

*****************************************************************************
*                                                                           *
*                 BROWN UNIVERSITY COMPUTER CENTER -- OS/VS1 RELEASE 5.0E   *
*                                                                           *
*        LAST UPDATED: JULY 20, 1978                                        *
*                                                                           *
*                 WE ARE NOW TESTING RELEASE 5.0E OF OS/VS1                 *
*                 PLEASE REPORT ANY PROBLEMS TO USER SERVICES               *
*                                                                           *
*            COPIES OF GENERAL NOTICE 33 ANNOUNCING AUGUST CONVERSION TO VM/CMS *
*                 ARE AVAILABLE AT THE COMPUTER CENTER.                     *
*                                                                           *
*            TM 29 AND TM 37 CAN BE OBTAINED THROUGH CMSBATCH               *
*                 SEE GENERAL NOTICE 32 FOR DETAILS.                        *
*                                                                           *
*        NOW TESTING A NEW FIX RELEASE OF PL/I OPTIMIZING COMPILER.         *
*        THIS RELEASE SHOULD FIX PROBLEMS WITH THE SELECT STATEMENT.        *
*                                                                           *
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//BACKH201 JOB (999208011),'AL CAV',TIME=5,PRTY=5
LOG 14.56.24 XEQ  BACKH201 999-208-011      5 A 05 AL CAV                J7347
LOG 0001 14.56.24 XEQ  BACKH201 999-208-011      5 A 05 AL CAV                J7347
LOG 14.59.21 END  BACKH201 J7347
LOG 0001 14.59.21 END  BACKH201 J7347
//STD EXEC PGM=HEC2,REGION=100K
//STEPLIB DD DSN=SYS3.P999208.0000.LIBRARY2,DISP=SHR
//FT06F001 DD SYSOUT=A,OUTLIM=10000
//FT07F001 DD SYSOUT=B
//FT21F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT21,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT22F001 DD SPACE=(3059,(1000,500)),UNIT=SYSDA,
//            DSN=&&HEC2FT22,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT23F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT23,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT24F001 DD SPACE=(3059,(5,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT24,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT25F001 DD SPACE=(3156,(2000,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT25,
//            DCB=(RECFM=VBS,LRECL=804,BLKSIZE=3156)
//FT26F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT26,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT05F001 DD *
//
IEF236I ALLOC. FOR BACKH201 STD
IEF237I 15A    ALLOCATED TO STEPLIB
IEF237I 15B    ALLOCATED TO FT21F001
IEF237I 15C    ALLOCATED TO FT22F001
IEF237I 15D    ALLOCATED TO FT23F001
IEF237I 15E    ALLOCATED TO FT24F001
IEF237I 15A    ALLOCATED TO FT25F001
IEF237I 15B    ALLOCATED TO FT26F001
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS3.P999208.0000.LIBRARY2                    KEPT
IEF285I   VOL SER NOS= USER01.
IEF285I   SYS78208.T145623.RF102.BACKH201.HEC2FT21      DELETED
IEF285I   VOL SER NOS= USER02.
IEF285I   SYS78208.T145623.RF102.BACKH201.HEC2FT22      DELETED
IEF285I   VOL SER NOS= USER03.
IEF285I   SYS78208.T145623.RF102.BACKH201.HEC2FT23      DELETED
IEF285I   VOL SER NOS= VSTLIB.
IEF285I   SYS78208.T145623.RF102.BACKH201.HEC2FT24      DELETED
IEF285I   VOL SER NOS= VSTRES.
IEF285I   SYS78208.T145623.RF102.BACKH201.HEC2FT25      DELETED
IEF285I   VOL SER NOS= USER01.
IEF285I   SYS78208.T145623.RF102.BACKH201.HEC2FT26      DELETED
IEF285I   VOL SER NOS= USER02.
IEF373I STEP /STD     / START 78208.1456
IEF374I STEP /STD     / STOP  78208.1459 CPU    1MIN 47.75SEC STOR VIRT 444K
  I/O COUNTS:
  15A          0
  15B         44
  15C          4
  15D          5
  15E          0
```

```
    15A          31
    15B          C
IEF2981  BACKH201 SYSOUT=A.
IEF3751  JOB /BACKH201/ START 78208.1456
IEF3761  JOB /BACKH201/ STOP  78208.1459 CPU   1MIN 41.76SEC
   (999-208-011)          87 I/O EVENTS.   EXECUTION COST =     $3.89 (PRTY 05)
                         233 CARDS READ
```

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
**************************************************

T1      FLOOD  INSURANCE  STUDY
T2      DARIEN,  CONN.
T3      10 YEAR FLOOD, UPPER STONY BROOK

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
       0.         2.         0.         0.   0.007000        0.0        0.0        0.      59.000       0.0

J2  NPROF      IPLOT      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
     38.000      1.000     62.000      3.000     10.000     11.000     12.000      5.000     58.000      4.000

     16.000     17.000     18.000        0.0     38.000     21.000     22.000     42.000      8.000     39.000

     13.000     14.000     15.000     55.000     26.000     56.000        0.0     38.000     34.000     44.000

     45.000     48.000     46.000     47.000     40.000     41.000        0.0     38.000     21.000     27.000

     22.000     28.000      4.000     55.000     26.000     56.000      1.000     50.000     25.000     61.000

J6  IHLEG      ICOPY
        1.000        0.0        0.0        0.0        0.0        0.0        0.0        0.0        0.0        0.0

NC      0.080      0.085      0.039      0.100      0.300        0.0        0.0        0.0        0.0        0.0
QT      5.000    312.000    450.000    538.000    807.000    538.000        0.0        0.0        0.0        0.0
ET        0.0        0.0        0.0        0.0        0.0     10.600        0.0        0.0        0.0        0.0

X1     25.000     13.000    992.000   1011.000        0.0        0.0        0.0        0.0        0.0        0.0
GR     68.000    790.000     64.000    940.000     60.000    975.000     57.100    992.000     55.800    995.000
GR     55.400   1000.000     57.100   1009.000     58.900   1011.000     59.100   1022.000     60.900   1027.000
GR     61.300   1055.000     68.000   1070.000     74.700   1100.000        0.0        0.0        0.0        0.0

X1     25.100        0.0        0.0        0.0    150.000    150.000    150.000        0.0      1.500        0.0

X1     25.200        0.0        0.0        0.0    150.000    150.000    150.000        0.0      1.500        0.0
NC      0.100      0.100      0.040        0.0        0.0        0.0        0.0        0.0        0.0        0.0

X1     26.000     16.000   1000.000   1010.000    290.000    230.000    280.000        0.0        0.0        0.0
GR     74.900    750.000     74.000    825.000     70.700    890.000     73.200    940.000     70.000    970.000
GR     65.000    980.000     61.500    985.000     61.000   1000.000     61.500   1010.000     62.800   1012.000
GR     65.000   1020.000     65.20      967.000     64.800   1120.000     67.500   1235.000     72.300   1360.000
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GR	75.100	1410.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	26.100	0.0	0.0	0.0	60.000	60.000	60.000	0.0	1.500	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	76.000	76.000	0.0
SB	0.0	1.400	2.500	300.000	8.000	0.0	60.000	0.0	62.500	63.500
NC	0.100	0.080	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	26.100	16.000	990.000	1005.000	51.000	61.000	61.000	0.0	-0.800	0.0
X2	0.0	0.0	14.000	70.700	78.500	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	78.500	78.500	0.0
GR	80.000	818.000	75.000	845.000	73.000	865.000	71.100	920.000	70.000	935.000
GR	57.800	967.000	67.000	986.000	64.700	996.000	64.300	1005.000	65.300	1011.000
GR	68.400	1015.000	68.000	1047.000	70.500	1065.000	70.000	1090.000	74.600	1120.000
GR	85.000	1155.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	28.000	0.0	0.0	0.0	90.000	80.000	85.000	0.0	0.800	0.0
X1	29.000	15.000	990.000	1010.000	400.000	400.000	400.000	0.0	0.0	0.0
GR	66.700	780.000	84.600	840.000	79.200	925.000	75.000	965.000	70.400	990.000
GR	68.500	992.000	68.000	1000.000	69.000	1008.000	70.400	1010.000	74.700	1060.000
GR	74.800	1123.000	74.000	1280.000	75.000	1325.000	76.300	1415.000	80.200	1490.000
X1	29.100	0.0	0.0	0.0	45.000	35.000	40.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	74.000	74.000	0.0
X1	30.100	20.000	991.000	1009.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	5.000	991.000	81.800	69.000	994.000	81.800	74.700	1000.000	81.800	76.000
BT	1006.000	81.700	74.200	1009.000	81.700	69.900	0.0	0.0	0.0	0.0
GR	90.700	755.000	90.000	790.000	80.500	930.000	80.000	952.000	78.700	984.000
GR	81.800	984.000	81.800	990.000	69.600	991.000	69.500	994.000	69.100	1000.000
GR	69.700	1006.000	69.900	1009.000	81.700	1010.000	81.700	1016.000	77.600	1016.000
GR	77.300	1029.000	76.000	1090.000	75.300	1172.000	75.400	1270.000	80.100	1580.000
X1	30.200	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	76.000	75.300	0.0	1.000	0.0	0.0	0.0
NC	0.100	0.100	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	31.100	17.000	992.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	75.300	75.300	0.0
GR	90.000	790.000	80.500	920.000	80.000	940.000	73.900	970.000	73.300	987.000
GR	69.700	992.000	68.600	996.000	68.600	1005.000	69.500	1010.000	72.500	1017.000
GR	73.300	1028.000	73.200	1049.000	74.100	1090.000	75.000	1195.000	75.000	1325.000
GR	76.100	1380.000	79.400	1570.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	31.000	0.0	0.0	0.0	15.000	50.000	45.000	0.0	0.0	0.0
NC	0.090	0.050	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	32.000	11.000	995.000	1005.000	550.000	300.000	600.000	0.0	0.0	0.0
GR	75.500	711.000	75.500	930.000	75.000	988.000	73.300	995.000	71.000	996.000
GR	70.000	1000.000	73.300	1005.000	74.500	1065.000	76.100	1160.000	76.500	1205.000
GR	79.500	1275.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.100	0.070	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	33.000	14.000	992.000	1010.000	500.000	750.000	720.000	0.0	0.0	0.0
GR	81.500	890.000	80.300	945.000	75.500	956.000	77.200	992.000	74.000	993.000
GR	73.000	995.000	72.00	1000.000	74.100	1007.000	76.800	1010.000	78.000	1019.000

GR	76.700	1056.000	79.000	1090.000	82.000	1225.000	85.000	1275.000	0.0	0.0
NC	0.045	0.090	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	34.000	13.000	994.000	1007.000	340.000	370.000	360.000	0.0	0.0	0.0
GR	96.500	700.000	83.500	763.000	86.000	895.000	82.900	960.000	82.800	972.000
GR	82.500	986.000	82.400	994.000	81.200	998.000	81.300	1002.000	82.600	1007.000
GR	83.100	1025.000	84.090	1055.000	95.600	1110.000	0.0	0.0	0.0	0.0
NC	0.050	0.055	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	35.000	15.000	987.000	1013.000	240.000	230.000	235.000	0.0	0.0	0.0
GR	99.000	845.000	95.000	890.000	90.700	910.000	90.000	940.000	85.500	960.000
GR	85.000	963.000	84.900	987.000	84.500	996.000	84.700	1005.000	85.100	1013.000
GR	89.400	1015.000	84.600	1030.000	88.400	1040.000	95.000	1050.000	103.500	1075.000
NC	0.080	[illegible]	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	36.000	[illegible]	969.000	1009.000	240.000	270.000	265.000	0.0	0.0	0.0
GR	103.500	[illegible]	100.000	865.000	95.000	840.000	92.500	875.000	90.000	950.000
GR	89.100	959.000	88.700	989.000	87.900	993.000	87.900	1008.000	89.200	1009.000
GR	88.500	1019.000	86.700	1039.000	105.000	1240.000	0.0	0.0	0.0	0.0
X1	37.000	16.000	992.000	1007.000	90.000	50.000	70.000	0.0	0.0	0.0
GR	101.500	745.000	95.000	810.000	95.000	835.000	93.500	875.000	93.000	937.000
GR	90.000	975.000	89.500	992.000	87.000	994.000	86.000	1000.000	87.000	1005.000
GR	89.500	1007.000	90.000	1015.000	92.500	1035.000	97.000	1095.000	100.000	1180.000
GR	105.000	1285.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.0	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0
X1	37.100	0.0	0.0	0.0	40.000	25.000	35.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	91.200	91.200	0.0
X1	36.100	17.000	993.000	1008.000	4.000	4.000	4.000	0.0	0.0	0.0
BT	0.000	993.000	92.800	90.700	993.000	92.800	90.700	1000.000	93.000	91.000
BT	1007.000	93.300	91.200	1008.000	93.300	91.200	1008.000	93.300	91.200	0.0
GR	104.500	780.000	96.000	850.000	95.000	890.000	93.500	930.000	92.500	975.000
GR	92.800	993.000	90.700	993.000	85.200	995.000	84.600	1000.000	86.200	1007.000
GR	91.200	1008.000	93.300	1008.000	93.300	1025.000	95.000	1052.000	97.500	1110.000
GR	100.000	1195.000	101.500	1280.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	38.200	0.0	0.0	0.0	14.000	14.000	14.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	91.200	92.500	0.0	1.000	0.0	0.0	0.0
NC	0.070	0.070	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	39.100	16.000	991.000	1008.000	4.000	4.000	4.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	92.500	92.500	0.0
GR	104.500	660.000	100.000	820.000	96.000	860.000	95.000	905.000	93.500	935.000
GR	90.000	970.000	89.500	988.000	86.000	991.000	65.400	1000.000	86.000	1008.000
GR	89.500	1015.000	90.000	1033.000	94.000	1045.000	95.000	1075.000	98.500	1140.000
GR	100.500	1250.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	39.000	0.0	0.0	0.0	55.000	45.000	50.000	0.0	0.0	0.0
NC	0.100	0.150	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	43.000	17.000	977.000	1002.000	790.000	630.000	730.000	0.0	0.0	0.0
GR	97.000	815.000	96.000	854.000	96.000	905.000	94.000	945.000	94.000	966.000
GR	91.000	977.000	89.400	984.000	91.000	1002.000	91.500	1021.000	93.000	1021.000
GR	95.000	1032.000	95.500	1140.000	96.000	1170.000	98.500	1232.000	99.000	1300.000
GR	101.000	1360.000	110.000	1490.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.0	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0

X1	43.100	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	96.000	96.000	0.0
NC	0.030	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	44.100	16.000	991.000	1016.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	6.000	991.000	97.500	94.900	991.000	97.500	94.900	1000.000	97.500	94.900
BT	1008.000	97.500	94.900	1016.000	97.500	94.900	1016.000	97.500	94.900	0.0
GR	105.000	415.000	99.500	815.000	98.500	815.000	97.800	925.000	97.500	991.000
GR	89.100	991.000	88.900	1000.000	89.100	1005.000	90.400	1016.000	97.500	1016.000
GR	98.000	1080.000	98.800	1140.000	99.000	1205.000	100.300	1290.000	103.000	1415.000
GR	105.000	1435.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	44.200	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	94.100	97.500	0.0	1.000	0.0	0.0	0.0
NC	0.120	0.120	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	45.100	15.000	985.000	1015.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	97.500	97.500	0.0
GR	105.000	430.000	103.000	502.000	100.000	540.000	98.500	585.000	99.500	640.000
GR	99.500	670.000	99.800	700.000	98.500	649.000	97.800	870.000	95.000	985.000
GR	90.800	990.000	90.800	1010.000	95.000	1015.000	97.500	1048.000	98.000	1270.000
NC	0.0	0.0	0.0	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	45.000	0.0	0.0	0.0	30.000	35.000	35.000	0.0	0.0	0.0
NC	0.085	0.040	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	46.000	15.000	990.000	1010.000	400.000	430.000	440.000	0.0	0.0	0.0
GR	105.000	545.000	103.000	585.000	100.500	685.000	100.000	865.000	95.500	880.000
GR	98.500	948.000	95.000	973.000	94.500	990.000	93.900	994.000	93.100	1000.000
GR	94.500	1010.000	95.000	1015.000	96.500	1078.000	98.500	1200.000	97.800	1285.000
NC	0.110	0.140	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	47.000	15.000	980.000	1010.000	350.000	440.000	400.000	0.0	0.0	0.0
GR	108.500	665.000	105.500	722.000	100.000	953.000	96.000	986.000	94.000	988.000
GR	94.000	1008.000	96.000	1010.000	98.500	1092.000	98.500	1230.000	100.000	1290.000
GR	100.000	1345.000	101.000	1420.000	103.500	1462.000	105.000	1555.000	108.000	1600.000
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	47.100	0.0	0.0	0.0	65.000	70.000	65.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	102.000	102.000	0.0
NC	0.030	0.030	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	48.100	15.000	984.000	1006.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	5.000	984.000	102.500	102.900	984.000	103.500	102.900	1000.000	103.500	102.900
BT	1008.000	103.500	102.900	1006.000	103.500	102.900	0.0	0.0	0.0	0.0
GR	109.000	668.000	107.500	730.000	107.000	785.000	105.000	820.000	104.000	650.000
GR	103.500	915.000	103.500	984.000	96.300	984.000	95.300	1000.000	95.100	1008.000
GR	103.500	1008.000	103.500	1212.000	104.500	1240.000	105.000	1370.000	107.500	1500.000
X1	48.200	0.0	0.0	0.0	34.000	34.000	34.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	102.900	103.500	0.0	1.000	0.0	0.0	0.0
NC	0.110	0.110	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	49.100	17.000	992.000	1016.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	103.500	103.500	0.0
GR	110.000	605.000	100.500	760.000	105.000	770.000	101.500	895.000	100.500	950.000

GR	99.200	984.000	95.800	992.000	95.400	1000.000	98.000	1008.000	95.600	1016.000
GR	106.000	1020.000	99.400	1024.000	97.500	1045.000	100.500	1160.000	102.500	1450.000
GR	105.000	1480.000	107.500	1550.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	45.000	0.0	0.0	0.0	35.000	45.000	40.000	0.0	0.0	0.0
NC	0.150	0.100	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	50.000	14.000	998.000	1005.000	650.000	610.000	650.000	0.0	0.0	0.0
GR	120.000	570.000	110.000	615.000	100.500	780.000	100.000	980.000	99.500	985.000
GR	99.300	998.000	96.800	1000.000	98.000	1005.000	100.000	1015.000	102.500	1130.000
GR	107.000	1300.000	106.500	1355.000	109.500	1400.000	105.500	1470.000	0.0	0.0
NH	4.000	990.100	997.000	0.050	1000.000	0.160	1300.000	0.035	1493.000	0.0
X1	51.000	17.000	997.000	1006.000	150.000	120.000	135.000	0.0	0.0	0.0
GR	111.000	570.000	105.500	705.000	105.000	760.000	103.300	780.000	98.100	972.000
GR	98.700	995.000	96.100	997.000	95.000	997.000	96.000	1000.000	96.000	1006.000
GR	97.400	1006.000	96.800	1010.000	98.400	1024.000	107.000	1300.000	107.000	1375.000
GR	110.000	1420.000	111.000	1493.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.160	0.090	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	52.000	10.000	990.000	1010.000	1040.000	1080.000	1120.000	0.0	0.0	0.0
GR	112.500	795.000	111.500	890.000	105.500	925.000	105.000	990.000	99.700	996.000
GR	99.800	1000.000	100.300	1006.000	105.000	1010.000	109.200	1215.000	109.500	1350.000
X1	53.000	11.000	990.000	1019.000	1000.000	1050.000	1030.000	0.0	0.0	0.0
GR	120.000	753.000	117.500	930.000	115.000	977.000	110.000	990.000	105.300	992.000
GR	104.500	1009.000	105.500	1012.000	109.500	1019.000	114.500	1040.000	113.000	1180.000
GR	113.500	1410.000	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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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
**************************************************

T1      FLOOD INSURANCE  STUDY
T2      DARIEN,  CONN.
T3      50 YEAR FLOOD, UPPER STONY BROOK

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       3.        0.        0.    0.007000      0.0       0.0       0.     59.000     0.0

J2  NPROF      PRPLOT    PRFVS     XSECV     XSECH     FN        ALLOC     IBW       CHNIM     ITRACE
    2.000        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  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
**************************************************

T1      FLOOD  INSURANCE  STUDY
T2      DARIEN    CONN.
T3      100 YEAR FLOOD, UPPER STONY BROOK

J1   ICHECK      INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.        4.        0.        0.  0.007000       0.0       0.0       0.     60.000     0.0

J2   NPROF      IPLOT     PRFVS     XSECV     XSECH     FR-       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  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
*****************************************************

T1       FLOOD  INSURANCE  STUDY
T2       DARIEN,  CONN.
T3      500 YEAR FLOOD, UPPER STONY BROOK
J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
      0.        5.        0.        0.   0.007000     0.0       0.0       0.     60.000     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
```

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
**************************************************
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD, UPPER STO

SUMMARY PRINTOUT

	SECNO	CWSEL	TIMEQ	EG	HV	HL	OLOSS	IOK*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
	25.000	58.97	4.00	59.47	0.51	0.0	0.0	68.77	0.0	33.59	80.00	39.00	85.00
L	25.000	59.54	4.00	60.16	0.65	0.0	0.0	69.95	0.0	45.50	80.00	39.00	85.00
	25.000	59.85	4.00	60.57	0.72	0.0	0.0	70.02	0.0	48.21	80.00	39.00	85.00
	25.000	60.64	4.00	61.52	0.88	0.0	0.0	69.97	0.0	56.93	80.00	39.00	85.00
	25.100	60.15	2.00	60.83	0.68	1.30	0.05	104.85	0.81	27.79	80.00	39.00	85.00
	25.100	60.70	2.00	61.56	0.86	1.32	0.06	105.57	0.81	42.59	80.00	39.00	85.00
M	25.100	61.00	2.00	61.95	0.96	1.31	0.07	105.09	0.82	~~45.13~~ 75	80.00	39.00	85.00
	25.100	61.74	2.00	62.93	1.19	1.31	0.09	104.62	0.82	~~52.22~~ 72	80.00	39.00	85.00
	25.200	61.70	4.00	62.35	0.65	1.51	0.00	97.41	1.04	28.16	80.00	39.00	85.00
	25.200	62.27	4.00	63.08	0.81	1.51	0.01	96.49	1.05	43.21	80.00	39.00	85.00
N	25.200	62.57	4.00	63.47	0.90	1.51	0.01	96.61	1.04	~~45.75~~	80.00	39.00	85.00
	25.200	63.32	4.00	64.44	1.12	1.50	0.01	95.95	1.04	~~53.19~~ 150	80.00	39.00	85.00
	26.000	64.20	4.00	64.59	0.39	2.22	0.03	66.46	1.21	35.97	100.00	40.00	100.00
	26.000	64.85	4.00	65.36	0.51	2.25	0.03	68.49	1.19	49.07	100.00	40.00	100.00
O	26.000	65.19	4.00	65.76	0.57	2.26	0.03	69.07	1.18	154.82	100.00	40.00	100.00
	26.000	65.98	4.00	66.49	0.51	2.00	0.06	55.23	1.28	192.40	100.00	40.00	100.00
*	26.100	65.55	4.00	67.42	1.57	1.02	0.28	170.76	0.62	10.00	100.00	40.00	100.00
*	26.100	66.71	4.00	68.72	2.00	0.97	0.46	162.23	0.65	10.00	100.00	40.00	100.00
*	26.100	67.22	4.00	69.47	2.25	0.95	0.57	158.88	0.66	10.00	100.00	40.00	100.00
*	26.100	68.60	4.00	71.55	2.96	0.94	0.93	157.17	0.61	10.00	100.00	40.00	100.00
*	28.100	67.03	4.00	68.71	1.68	1.06	0.05	173.59	0.99	9.00	100.00	40.00	80.00
*	28.100	67.95	4.00	70.10	2.14	1.02	0.05	167.95	0.98	9.00	100.00	40.00	80.00
*	28.100	68.49	4.00	70.91	2.42	1.02	0.06	167.48	0.97	9.00	100.00	40.00	80.00
*	28.100	69.98	4.00	73.15	3.17	1.03	0.07	168.57	0.97	9.00	100.00	40.00	80.00
	28.000	69.26	4.00	69.38	0.11	0.19	0.47	12.17	3.78	110.27	100.00	40.00	80.00
	28.000	70.76	4.00	70.82	0.06	0.09	0.63	5.54	5.51	170.30	100.00	40.00	80.00
P	28.000	71.64	4.00	71.68	0.04	0.06	0.71	3.64	6.78	196.47	100.00	40.00	80.00
	28.000	74.10	4.00	74.12	0.02	0.02	0.94	1.48	10.69	262.68	100.00	40.00	80.00
	29.000	71.09	2.00	71.69	0.60	2.07	0.24	91.28	0.37	31.79	100.00	40.00	80.00
	29.000	71.92	2.00	72.54	0.61	1.44	0.28	66.55	0.29	45.96	100.00	40.00	80.00
Q	29.000	72.49	2.00	73.06	0.57	1.11	0.26	51.82	0.27	55.63	100.00	40.00	80.00
	29.000	74.40	2.00	74.76	0.36	0.47	0.17	22.11	0.26	184.72	100.00	40.00	80.00

		SECNO	CWSEL	THLEG	EG	HV	HL	GLOSS	10K*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
		29.100	71.58	4.00	72.01	0.43	0.27	0.05	55.37	1.31	20.00	100.00	40.00	80.00
		29.100	72.16	4.00	72.80	0.62	0.26	0.00	62.86	1.03	20.00	100.00	40.00	80.00
		29.100	72.65	2.00	73.34	0.69	0.22	0.06	760.70	0.92	20.00	100.00	40.00	80.00
		29.100	74.52	4.00	74.85	0.32	0.08	0.01	19.90	1.05	216.77	100.00	40.00	80.00
		30.100	71.77	4.00	72.97	1.19	0.11	0.34	224.94	0.49	18.34	100.00	40.00	80.00
*		30.100	72.42	4.00	73.95	1.53	0.10	0.42	809.19	0.55	18.45	100.00	40.00	80.00
*		30.100	72.80	4.00	74.53	1.72	0.10	0.48	201.05	0.55	18.51	100.00	40.00	80.00
*		30.100	73.91	4.00	76.12	2.21	0.09	0.90	177.48	0.33	18.69	100.00	40.00	80.00
		30.200	73.01	4.00	73.52	0.51	0.36	0.20	55.35	2.02	18.54	100.00	40.00	80.00
		30.200	73.86	4.00	74.56	0.70	0.36	0.25	57.37	1.91	18.68	100.00	40.00	80.00
		30.200	74.47	4.00	75.27	0.60	0.47	0.28	82.47	1.56	18.79	100.00	40.00	80.00
		30.200	76.84	4.00	77.00	0.15	0.26	0.62	40.47	2.09	333.39	100.00	40.00	80.00
		31.100	73.40	4.00	73.62	0.23	0.01	0.09	12.54	2.10	18.00	100.00	35.00	100.00
		31.100	74.37	4.00	74.69	0.32	0.01	0.12	14.35	2.00	18.00	100.00	35.00	100.00
		31.100	75.06	4.00	75.42	0.36	0.01	0.13	14.36	2.40	18.00	100.00	35.00	100.00
		31.100	76.99	4.00	77.03	0.05	0.00	0.03	2.23	4.26	476.26	100.00	35.00	100.00
		31.000	73.51	4.00	73.68	0.17	0.05	0.02	8.52	1.21	82.89	100.00	35.00	100.00
		31.000	74.62	4.00	74.78	0.16	0.04	0.05	6.85	1.45	183.78	100.00	35.00	100.00
	R	31.000	75.42	4.00	75.52	0.11	0.03	0.08	4.56	1.77	383.30	100.00	35.00	100.00
		31.000	77.00	4.00	77.04	0.05	0.01	0.00	2.21	1.00	476.92	100.00	35.00	100.00
		32.000	74.63	2.00	75.17	0.54	1.43	0.05	44.53	0.44	95.08	90.00	35.00	50.00
		32.000	75.46	2.00	75.67	0.21	0.88	0.02	28.15	0.49	186.93	90.00	35.00	50.00
	S	32.000	75.91	2.00	76.03	0.11	0.50	0.00	16.33	0.53	437.22	90.00	35.00	50.00
		32.000	77.16	2.00	77.18	0.02	0.13	0.00	3.93	0.75	509.33	90.00	35.00	50.00
		33.000	77.43	4.00	77.73	0.30	2.56	0.00	29.26	1.23	29.14	100.00	40.00	70.00
		33.000	77.84	2.00	78.33	0.49	2.57	0.00	42.94	0.81	56.90	100.00	40.00	70.00
	T	33.000	78.01	2.00	78.64	0.63	2.46	0.15	52.57	0.56	79.50	100.00	40.00	70.00
		33.000	78.75	2.00	79.50	0.74	2.10	0.22	56.72	0.26	125.43	100.00	40.00	70.00
		34.000	83.59	4.00	83.93	0.35	4.16	-1.54	116.48	0.50	99.03	45.00	40.00	40.00
*		34.000	83.85	4.00	84.22	0.37	4.02	-1.28	112.55	0.62	127.48	45.00	40.00	40.00
*	U	34.000	83.91	4.00	84.36	0.45	4.77	-1.43	133.65	0.63	134.84	45.00	40.00	40.00
*		34.000	84.27	4.00	84.72	0.45	4.27	-1.09	119.62	0.69	162.31	45.00	40.00	40.00
		35.000	86.16	4.00	86.39	0.23	2.44	0.01	93.24	1.12	77.04	50.00	40.00	85.00
		35.000	86.43	4.00	86.75	0.32	2.53	0.01	102.11	1.05	78.96	50.00	40.00	85.00
	V	35.000	86.64	4.00	86.98	0.34	2.61	0.01	94.34	1.19	80.48	50.00	40.00	85.00
		35.000	86.99	4.00	87.51	0.52	2.77	0.02	115.05	1.02	82.95	50.00	40.00	85.00
		36.000	89.47	4.00	89.86	0.39	4.29	-0.88	164.46	0.75	95.53	80.00	40.00	40.00
*		36.000	89.72	2.00	90.17	0.45	3.38	0.04	157.89	0.80	100.04	80.00	40.00	40.00
	W	36.000	89.85	2.00	90.35	0.50	3.32	0.05	160.79	0.77	102.31	80.00	40.00	40.00
		36.000	90.26	2.00	90.82	0.56	3.30	0.01	138.79	0.91	116.54	80.00	40.00	40.00
		37.000	90.05	4.00	90.71	0.66	0.77	0.08	86.29	1.38	41.06	80.00	40.00	40.00
*		37.000	90.39	4.00	91.35	0.95	0.77	0.27	114.17	1.18	48.13	80.00	40.00	40.00
*	X	37.000	90.72	4.00	91.68	0.96	0.73	0.28	107.48	1.22	54.84	80.00	40.00	40.00
*		37.000	91.42	4.00	92.48	1.06	0.70	0.25	104.36	1.15	69.31	80.00	40.00	40.00

	SECNO	CWSEL	THEIGO	SEG	HV	HL	DLOSS	TOK*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
	37.100	90.41	4.00	90.98	0.57	0.26	0.01	66.30	1.14	15.00	80.00	40.00	40.00
	37.100	90.76	4.00	91.73	0.97	0.38	0.00	101.75	1.06	15.00	80.00	40.00	40.00
	37.100	90.91	2.00	92.19	1.29	0.41	0.10	129.96	0.91	15.00	80.00	40.00	40.00
	37.100	92.25	4.00	92.74	0.50	0.21	0.06	43.51	1.55	86.26	80.00	40.00	40.00
	38.100	90.75	4.00	91.02	0.27	0.02	0.03	26.41	1.56	14.91	80.00	40.00	40.00
	38.100	91.29	4.00	91.81	0.52	0.04	0.05	92.18	1.05	15.00	80.00	40.00	40.00
	38.100	91.56	2.00	92.30	0.74	0.05	0.05	134.23	0.98	15.00	80.00	40.00	40.00
	38.100	91.50	2.00	93.16	1.66	0.07	0.35	300.72	0.38	15.00	80.00	40.00	40.00
	38.200	90.79	2.00	91.06	0.27	0.00	0.00	28.90	0.96	14.92	80.00	40.00	40.00
	38.200	91.42	2.00	91.94	0.52	0.13	0.0	93.05	1.00	15.00	80.00	40.00	40.00
	38.200	91.75	2.00	92.49	0.74	0.19	0.0	135.95	0.99	15.00	80.00	40.00	40.00
	38.200	91.93	2.00	93.59	1.66	0.43	0.00	309.70	0.99	15.00	80.00	40.00	40.00
	39.100	90.88	4.00	91.08	0.19	0.01	0.01	17.79	1.27	17.00	70.00	50.00	70.00
	39.100	91.67	4.00	91.98	0.31	0.02	0.02	23.79	1.98	17.00	70.00	50.00	70.00
	39.100	92.17	4.00	92.54	0.37	0.02	0.04	26.51	2.26	17.00	70.00	50.00	70.00
	39.100	93.65	4.00	93.75	0.10	0.01	0.16	7.36	6.49	112.03	70.00	50.00	70.00
	39.000	91.06	4.00	91.14	0.08	0.06	0.01	6.10	1.48	75.82	70.00	50.00	70.00
	39.000	91.97	4.00	92.06	0.09	0.06	0.02	7.74	1.75	88.52	70.00	50.00	70.00
Y	39.000	92.54	4.00	92.63	0.08	0.06	0.03	7.06	1.94	96.07	70.00	50.00	70.00
	39.000	93.69	4.00	93.79	0.10	0.04	0.00	7.15	1.01	113.03	70.00	50.00	70.00
	43.000	92.74	2.00	93.03	0.25	1.52	0.06	42.31	0.44	50.39	100.00	40.00	150.00
	43.000	93.43	2.00	93.77	0.34	1.64	0.08	37.01	0.45	55.25	100.00	40.00	150.00
	43.000	93.85	2.00	94.21	0.36	1.50	0.08	34.56	0.45	59.13	100.00	40.00	150.00
	43.000	94.24	2.00	95.27	0.42	1.38	0.10	31.08	0.48	103.01	100.00	40.00	150.00
	43.100	92.92	4.00	93.25	0.33	0.21	0.01	41.99	1.00	25.00	100.00	40.00	150.00
	43.100	93.56	2.00	94.01	0.45	0.21	0.03	44.45	0.92	25.00	100.00	40.00	150.00
	43.100	93.94	2.00	94.45	0.51	0.20	0.05	44.15	0.88	25.00	100.00	40.00	150.00
	43.100	94.81	2.00	95.57	0.76	0.21	0.10	50.98	0.78	25.00	100.00	40.00	150.00
	44.100	93.11	4.00	93.27	0.16	0.00	0.02	4.28	3.13	25.00	30.00	20.00	30.00
	44.100	93.79	4.00	94.03	0.24	0.00	0.02	5.49	2.85	25.00	30.00	20.00	30.00
	44.100	94.19	4.00	94.48	0.29	0.01	0.02	6.12	2.69	25.00	30.00	20.00	30.00
	44.100	95.11	4.00	95.61	0.51	0.01	0.03	19.11	1.63	25.00	30.00	20.00	30.00
	44.200	93.13	4.00	93.29	0.16	0.02	0.00	4.22	1.01	25.00	30.00	20.00	30.00
	44.200	93.81	4.00	94.05	0.24	0.02	0.00	5.41	1.01	25.00	30.00	20.00	30.00
	44.200	94.21	4.00	94.51	0.29	0.02	0.00	6.02	1.01	25.00	30.00	20.00	30.00
	44.200	95.18	2.00	95.69	0.51	0.08	0.0	19.18	1.00	25.00	30.00	20.00	30.00
	45.100	92.71	2.00	93.54	0.83	0.05	0.20	101.18	0.14	24.55	120.00	40.00	120.00
	45.100	93.42	2.00	94.28	0.86	0.04	0.18	143.88	0.19	26.24	120.00	40.00	120.00
	45.100	93.84	2.00	94.71	0.87	0.03	0.17	123.69	0.22	27.24	120.00	40.00	120.00
	45.100	94.88	2.00	95.86	0.98	0.03	0.14	100.32	0.44	29.74	120.00	40.00	120.00
	45.000	93.84	4.00	93.91	0.37	0.32	0.05	89.80	1.03	26.51	120.00	40.00	120.00
	45.000	94.13	4.00	94.62	0.50	0.31	0.04	53.88	1.50	27.91	120.00	40.00	120.00
AA	45.000	94.48	4.00	95.04	0.56	0.30	0.03	64.40	1.39	28.76	120.00	40.00	120.00
	45.000	95.43	4.00	96.15	0.72	0.27	0.03	61.97	1.27	53.40	120.00		

	STACNO	CWSEL	THLEQ	EG	HV	HL	QLOSS	10K*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
	46.000	96.00	4.00	96.31	0.30	2.39	0.01	50.42	1.09	91.15	85.00	35.00	40.00
	46.000	96.49	4.00	96.77	0.27	2.12	0.02	39.30	1.27	115.30	85.00	35.00	40.00
AB	46.000	96.75	4.00	97.00	0.25	1.93	0.03	33.79	1.38	133.11	85.00	35.00	40.00
	46.000	97.46	4.00	97.66	0.20	1.46	0.05	22.95	1.64	181.91	85.00	35.00	40.00
	47.000	97.27	4.00	97.51	0.23	1.19	0.01	21.12	1.55	76.38	110.00	35.00	110.00
	47.000	97.72	4.00	98.05	0.33	1.27	0.02	26.17	1.23	94.53	110.00	35.00	110.00
AC	47.000	97.93	4.00	98.33	0.40	1.28	0.04	29.77	1.07	103.06	110.00	35.00	110.00
	47.000	98.45	2.00	99.04	0.59	1.26	0.12	39.01	0.77	124.62	110.00	35.00	110.00
	47.100	97.41	2.00	97.66	0.25	0.14	0.01	21.59	0.99	24.00	110.00	35.00	110.00
	47.100	97.87	2.00	98.26	0.40	0.18	0.03	29.41	0.94	24.00	110.00	35.00	110.00
	47.100	98.08	2.00	98.59	0.51	0.21	0.05	35.07	0.92	24.00	110.00	35.00	110.00
	47.100	98.60	2.00	99.49	0.69	0.30	0.15	53.32	0.86	24.00	110.00	35.00	110.00
	48.100	97.33	4.00	98.21	0.88	0.03	0.31	52.99	0.64	24.00	30.00	19.00	30.00
*	48.100	97.81	4.00	98.93	1.12	0.03	0.36	51.09	0.76	24.00	30.00	19.00	30.00
*	48.100	98.09	4.00	99.35	1.26	0.03	0.37	50.38	0.83	24.00	30.00	19.00	30.00
*	48.100	98.86	4.00	100.51	1.65	0.02	0.38	49.23	1.04	24.00	30.00	19.00	30.00
	48.200	97.95	4.00	98.43	0.48	0.10	0.12	20.32	1.61	24.00	30.00	19.00	30.00
	48.200	98.55	4.00	99.16	0.63	0.10	0.15	20.68	1.57	24.00	30.00	19.00	30.00
	48.200	98.90	4.00	99.61	0.72	0.10	0.16	21.01	1.55	24.00	30.00	19.00	30.00
*	48.200	99.54	4.00	100.52	0.97	0.10	0.20	22.21	1.49	24.00	30.00	19.00	30.00
	49.100	97.95	2.00	96.47	0.51	0.02	0.02	63.26	0.57	24.00	110.00	35.00	110.00
	49.100	98.55	2.00	99.22	0.67	0.02	0.02	61.66	0.58	24.00	110.00	35.00	110.00
	49.100	98.89	2.00	99.66	0.76	0.02	0.02	60.54	0.59	24.00	110.00	35.00	110.00
	49.100	99.84	2.00	100.86	1.02	0.02	0.02	58.69	0.62	24.00	110.00	35.00	110.00
	49.000	96.41	4.00	96.69	0.26	0.16	0.07	28.29	1.50	43.02	110.00	35.00	110.00
	49.000	99.15	4.00	99.47	0.32	0.14	0.11	24.89	1.57	98.00	110.00	35.00	110.00
AD	49.000	99.61	4.00	99.92	0.31	0.13	0.14	21.48	1.68	135.12	110.00	35.00	110.00
	49.000	100.97	4.00	101.19	0.22	0.08	0.24	12.14	2.20	301.98	110.00	35.00	110.00
	50.000	101.11	2.00	101.35	0.24	2.65	0.00	53.69	0.73	296.59	160.00	39.00	160.00
	50.000	101.55	2.00	101.75	0.16	2.24	0.01	44.60	0.75	324.77	160.00	39.00	160.00
AE	50.000	101.80	2.00	101.96	0.16	2.02	0.02	41.21	0.72	340.26	160.00	39.00	160.00
	50.000	102.50	2.00	102.62	0.12	1.43	0.01	32.26	0.61	384.76	160.00	39.00	160.00
	51.000	101.54	4.00	101.56	0.02	0.19	0.02	7.90	2.61	279.61	160.00	39.00	160.00
	51.000	101.95	4.00	101.98	0.03	0.23	0.02	10.43	2.07	307.91	160.00	39.00	160.00
AF	51.000	102.19	4.00	102.22	0.03	0.25	0.01	11.58	1.89	324.68	215 160.00	39.00	160.00
	51.000	102.56	4.00	102.90	0.04	0.27	0.01	13.69	1.54	370.89	160.00	39.00	160.00
	52.000	104.67	2.00	104.99	0.31	3.34	0.09	52.88	0.39	19.35	160.00	50.00	90.00
	52.000	105.35	2.00	105.73	0.37	3.65	0.10	55.11	0.43	276.48	160.00	50.00	90.00
AG	52.000	105.59	2.00	105.95	0.35	3.63	0.10	54.75	0.46	302.57	160.00	50.00	90.00
	52.000	106.11	2.00	106.40	0.29	3.42	0.08	49.26	0.53	322.25	160.00	50.00	90.00
	53.000	108.91	4.00	109.09	0.18	4.09	0.01	31.84	1.29	27.55	160.00	50.00	90.00
	53.000	109.77	4.00	110.00	0.24	4.26	0.01	32.75	1.31	30.02	160.00	50.00	90.00
AH	53.000	110.12	4.00	110.40	0.29	4.45	0.01	35.61	1.24	31.90	160.00	50.00	90.00
	53.000	110.89	4.00	111.35	0.46	4.90	0.05	45.82	1.04	37.17	160.00	50.00	90.00

10 YEAR FLOOD, UPPER STG

SUMMARY PRINTOUT

	SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
	25.000	992.00	1011.00	55.40	3.57	0.0	14.88	297.11	0.02	1.46	5.85	0.15
	25.000	992.00	1011.00	55.40	4.14	0.0	30.54	413.63	5.83	1.76	6.72	0.95
L	25.000	992.00	1011.00	55.40	4.45	0.0	42.24	482.59	12.87	1.90	7.15	1.27
	25.000	992.00	1011.00	55.40	5.24	0.0	91.01	675.23	40.76	2.43	8.17	1.90
	25.100	992.00	1011.00	56.90	3.25	150.00	11.13	300.87	0.0	1.09	6.73	0.0
	25.100	992.00	1011.00	56.90	3.80	150.00	25.25	423.39	1.36	1.55	7.67	0.61
M	25.100	992.00	1011.00	56.90	4.10	150.00	35.73	496.05	6.22	2.13	8.16	1.10
	25.100	992.00	1011.00	56.90	4.84	150.00	76.48	700.43	30.09	2.65	9.35	1.96
	25.200	992.00	1011.00	58.40	3.30	150.00	11.76	300.24	0.0	1.57	6.56	0.0
	25.200	992.00	1011.00	58.40	3.87	150.00	26.39	421.46	2.15	1.91	7.45	0.71
N	25.200	992.00	1011.00	58.40	4.17	150.00	37.05	493.44	7.50	2.08	7.94	1.15
	25.200	992.00	1011.00	58.40	4.92	150.00	79.61	695.01	32.38	2.61	9.09	1.95
	26.000	1000.00	1010.00	61.00	3.20	280.00	117.33	184.16	10.51	2.37	6.23	1.37
	26.000	1000.00	1010.00	61.00	3.85	280.00	168.60	260.49	20.91	2.71	7.22	1.56
O	26.000	1000.00	1010.00	61.00	4.19	280.00	198.66	303.68	35.66	2.88	7.70	1.04
	26.000	1000.00	1010.00	61.00	4.98	280.00	254.12	378.07	174.81	2.97	7.99	1.18
*	26.100	1000.00	1010.00	62.50	3.35	60.00	0.0	312.00	0.0	0.0	10.06	0.0
*	26.100	1000.00	1010.00	62.50	4.21	60.00	0.0	450.00	0.0	0.0	11.35	0.0
*	26.100	1000.00	1010.00	62.50	4.72	60.00	0.0	538.00	0.0	0.0	12.03	0.0
*	26.100	1000.00	1010.00	62.50	6.10	60.00	0.0	807.00	0.0	0.0	13.80	0.0
*	28.100	996.00	1005.00	63.50	3.53	61.00	0.0	312.00	0.0	0.0	10.41	0.0
*	28.100	996.00	1005.00	63.50	4.45	61.00	0.0	450.00	0.0	0.0	11.75	0.0
*	28.100	996.00	1005.00	63.50	4.99	61.00	0.0	538.00	0.0	0.0	12.49	0.0
*	28.100	996.00	1005.00	63.50	6.48	61.00	0.0	807.00	0.0	0.0	14.28	0.0
	28.000	996.00	1005.00	64.30	4.96	85.00	73.47	156.93	81.60	0.87	3.66	1.07
	28.000	996.00	1005.00	64.30	6.46	85.00	130.92	167.19	151.89	0.74	2.97	0.87
P	28.000	996.00	1005.00	64.30	7.34	85.00	166.16	168.96	202.88	0.67	2.63	0.79
	28.000	996.00	1005.00	64.30	9.80	85.00	286.98	175.92	344.11	0.52	2.04	0.67
	29.000	990.00	1010.00	68.00	3.09	400.00	0.90	308.68	2.42	0.69	6.23	0.87
	29.000	990.00	1010.00	68.00	3.92	400.00	6.28	426.77	16.94	1.00	6.45	1.26
Q	29.000	990.00	1010.00	68.00	4.49	400.00	12.90	490.29	34.81	1.09	6.33	1.37
	29.000	990.00	1010.00	68.00	6.40	400.00	47.69	624.92	134.40	1.10	5.40	1.20
	29.100	990.00	1010.00	68.00	3.58	40.00	0.0	312.00	0.0	0.0	5.24	0.0
	29.100	990.00	1010.00	68.00	4.18	40.00	0.0	450.00	0.0	0.0	6.31	0.0
	29.100	990.00	1010.00	68.00	4.65	40.00	0.0	538.00	0.0	0.0	5.66	0.0
	29.100	990.00	1010.00	68.00	6.52	40.00	49.08	614.27	143.64	1.06	5.20	1.09
*	30.100	991.00	1009.00	69.10	2.97	5.00	0.0	312.00	0.0	0.0	8.76	0.0
*	30.100	991.00	1009.00	69.10	3.32	5.00	0.0	450.00	0.0	0.0	9.93	0.0
*	30.100	991.00	1009.00	69.10	3.70	5.00	0.0	538.00	0.0	0.0	10.54	0.0
*	30.100	991.00	1009.00	69.10	4.81	5.00	0.0	807.00	0.0	0.0	11.94	0.0
	30.200	991.00	1009.00	69.10	3.91	40.00	0.0	312.00	0.0	0.0	5.75	0.0
	30.200	991.00	1009.00	69.10	4.76	40.00	0.0	450.00	0.0	0.0	6.73	0.0
	30.200	991.00	1009.00	69.10	5.37	40.00	0.0	538.00	0.0	0.0	7.19	0.0
	30.200	991.00	1009.00	69.10	7.74	40.00	0.0	377.47	429.53	0.0	4.44	1.31

		SECNO	STORL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
		31.100	992.00	1010.00	68.60	4.80	5.00	0.0	312.00	0.0	0.0	3.81	0.0
		31.100	992.00	1010.00	68.60	5.77	45.00	0.0	450.00	0.0	0.0	4.52	0.0
		31.100	992.00	1010.00	68.60	6.46	45.00	0.0	538.00	0.0	0.0	4.81	0.0
		31.100	992.00	1010.00	68.60	8.39	5.00	52.09	372.41	382.50	0.48	2.54	0.42
		31.000	992.00	1010.00	68.60	4.91	45.00	6.16	208.95	16.89	0.57	3.43	0.52
		31.000	992.00	1010.00	68.60	6.02	45.00	18.28	368.03	63.69	0.54	3.54	0.50
	R	31.000	992.00	1010.00	68.60	6.82	45.00	29.51	373.12	135.37	0.53	3.16	0.42
		31.000	992.00	1010.00	68.60	8.40	45.00	52.11	371.49	383.39	0.48	2.53	0.42
		32.000	995.00	1005.00	70.00	4.83	600.00	4.26	202.98	104.76	0.90	5.67	1.81
		32.000	995.00	1005.00	70.00	5.46	600.00	13.39	212.36	224.25	0.63	5.04	1.86
	S	32.000	995.00	1005.00	70.00	5.91	600.00	62.53	191.12	284.35	0.48	4.10	1.59
		32.000	995.00	1005.00	70.00	7.16	600.00	235.35	139.57	432.08	0.48	2.36	1.04
		33.000	992.00	1010.00	72.00	5.43	720.00	0.14	311.07	0.79	0.19	4.38	0.03
		33.000	992.00	1010.00	72.00	5.84	720.00	2.55	453.63	3.82	0.45	5.67	0.77
	T	33.000	992.00	1010.00	72.00	6.01	720.00	5.40	524.33	8.26	0.59	6.44	0.80
		33.000	992.00	1010.00	72.00	6.75	720.00	34.22	701.79	71.00	1.04	7.40	1.40
*		34.000	994.00	1007.00	81.20	2.39	360.00	114.22	148.94	48.83	3.16	6.04	2.90
*		34.000	994.00	1007.00	81.20	2.65	360.00	180.66	181.52	87.62	3.42	6.47	3.33
*	U	34.000	994.00	1007.00	81.20	2.71	360.00	220.30	208.23	109.47	3.80	7.20	3.75
*		34.000	994.00	1007.00	81.20	3.07	360.00	358.67	252.77	195.56	3.92	7.52	4.25
		35.000	987.00	1013.00	84.50	1.66	235.00	103.24	169.82	38.93	3.15	4.56	1.76
		35.000	987.00	1013.00	84.50	1.93	235.00	153.91	237.19	58.90	3.75	5.35	2.10
	V	35.000	987.00	1013.00	84.50	2.14	235.00	187.75	277.84	72.41	3.93	5.57	2.21
		35.000	987.00	1013.00	84.50	2.49	238.00	289.01	405.59	112.41	4.67	6.88	2.76
*		36.000	989.00	1009.00	87.90	1.57	265.00	31.92	174.15	105.92	1.62	5.98	3.89
		36.000	989.00	1009.00	87.90	1.62	265.00	58.26	222.66	169.08	2.01	6.52	4.50
	W	36.000	989.00	1009.00	87.90	1.95	265.00	75.16	253.25	209.59	2.22	6.90	4.87
		36.000	989.00	1009.00	87.90	2.36	265.00	132.97	332.63	341.40	2.59	7.36	5.43
		37.000	992.00	1007.00	86.00	4.05	70.00	3.97	304.30	3.73	0.77	6.56	1.54
		37.000	992.00	1007.00	86.00	4.39	70.00	16.83	417.13	16.03	1.41	8.12	2.78
*	X	37.000	992.00	1007.00	86.00	4.72	70.00	34.18	470.66	33.15	1.73	8.36	3.38
*		37.000	992.00	1007.00	86.00	5.42	70.00	94.66	616.83	95.31	2.31	9.24	4.46
		37.100	992.00	1007.00	86.00	4.41	35.00	0.0	312.00	0.0	0.0	6.04	0.0
		37.100	992.00	1007.00	86.00	4.76	35.00	0.0	450.00	0.0	0.0	7.89	0.0
		37.100	992.00	1007.00	86.00	4.91	35.00	0.0	538.00	0.0	0.0	9.10	0.0
		37.100	992.00	1007.00	86.00	6.25	35.00	136.96	527.93	142.11	1.85	6.68	3.56
		38.100	993.00	1008.00	84.60	5.15	4.00	0.0	312.00	0.0	0.0	4.20	0.0
		38.100	993.00	1008.00	84.60	6.89	4.00	0.0	450.00	0.0	0.0	5.77	0.0
		38.100	993.00	1008.00	84.60	6.96	4.00	0.0	538.00	0.0	0.0	6.90	0.0
		38.100	993.00	1008.00	84.60	6.90	4.00	0.0	807.00	0.0	0.0	10.35	0.0
		38.200	993.00	1008.00	84.60	6.19	14.00	0.0	312.00	0.0	0.0	4.17	0.0
		38.200	993.00	1008.00	84.60	6.82	14.00	0.0	450.00	0.0	0.0	5.77	0.0
		38.200	993.00	1008.00	84.60	7.15	14.00	0.0	538.00	0.0	0.0	6.90	0.0
		38.200	993.00	1008.00	84.60	7.33	14.00	0.0	807.00	0.0	0.0	10.35	0.0

	SECNO	STCHL	STCHR	ELMIN	DERTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
	39.100	991.00	1008.00	85.40	5.48	4.00	0.0	312.00	0.0	0.0	3.54	0.0
	39.100	991.00	1008.00	85.40	6.27	4.00	0.0	450.00	0.0	0.0	4.43	0.0
	39.100	991.00	1008.00	85.40	6.72	4.00	0.0	538.00	0.0	0.0	4.89	0.0
	39.100	991.00	1008.00	85.40	6.25	4.00	164.11	433.75	189.14	1.19	3.21	1.44
	39.000	991.00	1008.00	85.40	5.66	50.00	29.38	235.94	40.68	0.75	2.59	0.96
	39.000	991.00	1008.00	85.40	6.57	50.00	65.81	298.76	85.43	0.92	2.81	1.14
	39.000	991.00	1008.00	85.40	7.14	50.00	94.92	330.66	112.42	0.98	2.84	1.20
	39.000	991.00	1008.00	85.40	8.29	50.00	185.80	431.46	189.67	1.18	3.17	1.42
	43.000	977.00	1002.00	89.40	3.34	730.00	4.80	284.32	22.89	0.86	4.47	0.81
	43.000	977.00	1002.00	89.40	4.03	730.00	16.94	398.82	40.24	1.01	4.94	0.96
	43.000	977.00	1002.00	89.40	4.45	730.00	18.10	469.52	52.38	1.08	5.14	1.02
	43.000	977.00	1002.00	89.40	5.44	730.00	53.22	664.85	88.93	1.05	5.73	1.15
	43.100	977.00	1002.00	89.40	3.52	50.00	0.0	312.00	0.0	0.0	4.58	0.0
	43.100	977.00	1002.00	89.40	4.16	50.00	0.0	450.00	0.0	0.0	5.37	0.0
	43.100	977.00	1002.00	89.40	4.54	50.00	0.0	538.00	0.0	0.0	5.74	0.0
	43.100	977.00	1002.00	89.40	5.41	50.00	0.0	807.00	0.0	0.0	7.00	0.0
	44.100	991.00	1016.00	88.90	4.21	5.00	0.0	312.00	0.0	0.0	3.23	0.0
	44.100	991.00	1016.00	88.90	4.89	5.00	0.0	450.00	0.0	0.0	3.96	0.0
	44.100	991.00	1016.00	88.90	5.29	5.00	0.0	538.00	0.0	0.0	4.35	0.0
	44.100	991.00	1016.00	88.90	6.21	5.00	0.0	807.00	0.0	0.0	5.70	0.0
	44.200	991.00	1016.00	88.90	4.23	40.00	0.0	312.00	0.0	0.0	3.21	0.0
	44.200	991.00	1016.00	88.90	4.91	40.00	0.0	450.00	0.0	0.0	3.94	0.0
	44.200	991.00	1016.00	88.90	5.31	40.00	0.0	538.00	0.0	0.0	4.33	0.0
	44.200	991.00	1016.00	88.90	6.26	40.00	0.0	807.00	0.0	0.0	5.70	0.0
	45.100	985.00	1015.00	90.80	1.91	5.00	0.0	312.00	0.0	0.0	7.33	0.0
	45.100	985.00	1015.00	90.80	2.62	5.00	0.0	450.00	0.0	0.0	7.43	0.0
	45.100	985.00	1015.00	90.80	3.04	5.00	0.0	538.00	0.0	0.0	7.49	0.0
	45.100	985.00	1015.00	90.80	4.08	5.00	0.0	807.00	0.0	0.0	7.93	0.0
	45.000	985.00	1015.00	90.80	2.74	35.00	0.0	312.00	0.0	0.0	4.91	0.0
	45.000	985.00	1015.00	90.80	3.33	35.00	0.0	450.00	0.0	0.0	5.65	0.0
AA	45.000	985.00	1015.00	90.80	3.68	35.00	0.0	538.00	0.0	0.0	6.00	0.0
	45.000	985.00	1015.00	90.80	4.63	35.00	1.39	805.23	0.43	0.35	6.83	0.35
	46.000	990.00	1010.00	93.10	2.90	440.00	33.38	224.65	53.97	1.34	5.08	1.98
	46.000	990.00	1010.00	93.10	3.39	440.00	54.08	277.19	118.74	1.44	5.13	2.14
AB	46.000	990.00	1010.00	93.10	3.65	440.00	65.25	300.14	172.60	1.45	5.06	2.29
	46.000	990.00	1010.00	93.10	4.36	440.00	96.40	354.74	355.86	1.42	4.82	2.36
	47.000	986.00	1010.00	94.00	3.27	400.00	3.07	296.65	12.28	0.46	3.98	0.46
	47.000	986.00	1010.00	94.00	3.72	400.00	7.57	412.21	30.23	0.62	4.84	0.62
AC	47.000	986.00	1010.00	94.00	3.93	400.00	10.94	483.35	43.71	0.72	5.36	0.72
	47.000	986.00	1010.00	94.00	4.45	400.00	23.83	687.99	95.17	0.96	6.69	0.97
	47.100	986.00	1010.00	94.00	3.41	65.00	0.0	312.00	0.0	0.0	4.01	0.0
	47.100	986.00	1010.00	94.00	3.87	65.00	0.0	450.00	0.0	0.0	5.07	0.0
	47.100	986.00	1010.00	94.00	4.08	65.00	0.0	538.00	0.0	0.0	5.72	0.0
	47.100	986.00	1010.00	94.00	4.60	65.00	0.0	807.00	0.0	0.0	7.58	0.0

	SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
*	48.100	984.00	1008.00	95.10	2.23	5.00	0.0	312.00	0.0	0.0	7.52	0.0
*	48.100	984.00	1008.00	95.10	2.71	5.00	0.0	450.00	0.0	0.0	8.50	0.0
*	48.100	984.00	1008.00	95.10	2.99	5.00	0.0	538.00	0.0	0.0	9.02	0.0
*	48.100	984.00	1008.00	95.10	3.76	5.00	0.0	807.00	0.0	0.0	10.32	0.0
*	48.200	984.00	1008.00	95.10	2.85	34.00	0.0	312.00	0.0	0.0	5.54	0.0
	48.200	984.00	1008.00	95.10	3.45	34.00	0.0	450.00	0.0	0.0	6.35	0.0
	48.200	984.00	1008.00	95.10	3.80	34.00	0.0	538.00	0.0	0.0	6.79	0.0
	48.200	984.00	1008.00	95.10	4.74	34.00	0.0	807.00	0.0	0.0	7.92	0.0
*	49.100	992.00	1016.00	95.40	2.55	5.00	0.0	312.00	0.0	0.0	5.75	0.0
	49.100	992.00	1016.00	95.40	3.15	5.00	0.0	450.00	0.0	0.0	6.58	0.0
	49.100	992.00	1016.00	95.40	3.49	5.00	0.0	538.00	0.0	0.0	7.02	0.0
	49.100	992.00	1016.00	95.40	4.44	5.00	0.0	807.00	0.0	0.0	8.12	0.0
	49.000	992.00	1016.00	95.40	3.02	40.00	6.59	287.48	17.92	0.81	4.40	1.16
	49.000	992.00	1016.00	95.40	3.75	40.00	11.83	390.14	39.02	0.90	4.83	0.82
	49.000	992.00	1016.00	95.40	4.21	40.00	16.85	456.74	64.41	0.89	4.87	0.77
AD	49.000	992.00	1016.00	95.40	5.57	40.00	48.26	564.17	194.58	0.66	4.47	0.72
	50.000	998.00	1005.00	96.80	4.31	650.00	133.89	141.82	36.28	0.66	5.75	0.73
	50.000	998.00	1005.00	96.80	4.75	650.00	234.11	157.59	58.30	0.76	5.67	0.72
	50.000	998.00	1005.00	96.80	5.00	650.00	296.67	167.34	73.99	0.81	5.68	0.72
AE	50.000	998.00	1005.00	96.80	5.70	650.00	485.48	191.46	130.06	0.90	5.57	0.73
	51.000	997.00	1006.00	95.00	6.54	135.00	125.44	101.66	84.90	0.42	1.98	0.40
	51.000	997.00	1006.00	95.00	6.95	135.00	188.49	131.16	130.34	0.52	2.38	0.49
	51.000	997.00	1006.00	95.00	7.19	135.00	229.86	147.45	160.69	0.57	2.58	0.54
AF	51.000	997.00	1006.00	95.00	7.86	135.00	359.69	189.45	257.86	0.68	3.00	0.65
	52.000	990.00	1010.00	99.70	4.97	1120.00	0.0	312.00	0.0	0.0	4.48	0.0
	52.000	990.00	1010.00	99.70	5.65	1120.00	1.84	421.58	26.58	0.22	5.07	0.50
	52.000	990.00	1010.00	99.70	5.89	1120.00	7.20	454.98	75.81	0.33	5.19	0.75
AG	52.000	990.00	1010.00	99.70	6.41	1120.00	35.48	521.71	251.81	0.59	5.31	1.14
	53.000	990.00	1019.00	104.80	4.11	1030.00	0.0	312.00	0.0	0.0	3.44	0.0
	53.000	990.00	1019.00	104.80	4.97	1030.00	0.0	447.96	0.04	0.0	3.91	0.24
	53.000	990.00	1019.00	104.80	5.32	1030.00	0.00	537.65	0.35	0.01	4.29	0.44
AH	53.000	990.00	1019.00	104.80	6.09	1030.00	0.36	803.12	3.51	0.35	5.43	0.86

10 YEAR FLOOD, UPPER STO

SUMMARY PRINTOUT

	SECNO	.01K	EGPRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLC
	25.000	37.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.000	53.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L	25.000	64.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.000	96.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.100	30.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.100	43.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M	25.100	52.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.100	78.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.200	31.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.200	45.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	25.200	54.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.200	82.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	26.000	38.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	26.000	54.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O	26.000	64.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	26.000	105.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	26.100	23.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	26.100	35.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	26.100	42.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	26.100	54.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	28.100	23.68	0.0	69.88	0.0	0.0	312.00	78.50	70.70
*	28.100	34.72	67.94	70.99	0.0	0.0	450.00	78.50	70.70
*	28.100	41.57	68.97	71.70	0.0	0.0	538.00	78.50	70.70
*	28.100	62.16	72.55	73.80	0.0	0.0	807.00	78.50	70.70
	28.000	89.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	28.000	191.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P	28.000	281.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	28.000	664.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.000	32.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.000	55.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q	29.000	74.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.000	171.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.100	42.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.100	56.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.100	69.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.100	180.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	30.100	20.80	0.0	0.0	0.0	0.0	0.0	81.70	76.00
*	30.100	31.11	0.0	0.0	0.0	0.0	0.0	81.70	76.00
*	30.100	37.94	0.0	0.0	0.0	0.0	0.0	81.70	76.00
*	30.100	60.58	0.0	0.0	0.0	0.0	0.0	75.30	76.00
	30.200	41.94	0.0	0.0	0.0	0.0	0.0	75.30	76.00
	30.200	59.41	0.0	0.0	0.0	0.0	0.0	75.30	76.00
	30.200	59.24	0.0	0.0	0.0	0.0	0.0	75.30	76.00
	30.200	126.35	0.0	0.0	0.0	0.0	0.0	75.30	76.00

		SECNO	.03K	BCARS	EGLWC	H3	OWEIR	OPR	ELTRD	ELLC
		31.100	88.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		31.100	116.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		31.100	141.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		31.100	540.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		31.000	106.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	R	31.000	171.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		31.000	251.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		31.000	543.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		32.000	49.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	S	32.000	84.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		32.000	138.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		32.000	406.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		33.000	57.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	T	33.000	68.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		33.000	74.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		33.000	107.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*		34.000	28.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*		34.000	42.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	U	34.000	66.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*		34.000	73.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		35.000	32.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		35.000	44.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	V	35.000	55.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		35.000	75.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*		36.000	24.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		36.000	35.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W	36.000	42.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		36.000	66.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		37.000	33.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*		37.000	42.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	X	37.000	51.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*		37.000	79.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		37.100	38.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		37.100	44.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		37.100	47.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		37.100	122.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		38.100	60.71	0.0	0.0	0.0	0.0	0.0	92.80	91.20
		38.100	46.87	0.0	0.0	0.0	0.0	0.0	92.80	91.20
		38.100	46.44	0.0	0.0	0.0	0.0	0.0	92.80	91.20
		38.100	46.54	0.0	0.0	0.0	0.0	0.0	92.80	91.20
		38.200	58.04	0.0	0.0	0.0	0.0	0.0	92.50	91.20
		38.200	46.65	0.0	0.0	0.0	0.0	0.0	92.50	91.20
		38.200	46.14	0.0	0.0	0.0	0.0	0.0	92.50	91.20
		38.200	45.86	0.0	0.0	0.0	0.0	0.0	92.50	91.20

	SECNO	.01K	EGPRS	EGLWC	H3	OWEIR	QPR	ELTRD	ELLC
	39.100	73.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.100	92.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.100	104.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.100	297.42	0.0	0.0	0.0	0.0	0.0	0.0	
	39.000	109.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.000	161.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.000	202.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.000	301.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.000	47.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.000	73.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.000	91.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.000	144.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.100	46.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.100	67.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.100	80.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.100	113.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44.100	150.74	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.100	192.06	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.100	217.48	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.100	184.56	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.200	151.81	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.200	193.54	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.200	219.20	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.200	184.26	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	45.100	22.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.100	37.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.100	46.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.100	80.57	0.0	0.0	0.0	0.0	0.0	0.0	
	45.000	40.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.000	56.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AA	45.000	67.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.000	102.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	46.000	43.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AB	46.000	71.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	46.000	92.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	46.000	168.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.000	67.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC	47.000	87.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.000	98.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.000	129.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.100	67.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.100	82.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.100	90.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.100	110.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0

		SECND	#01K	EGRRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLC
*		48.100	42.86	0.0	0.0	0.0	0.0	0.0	103.50	102.90
*		48.100	62.96	0.0	0.0	0.0	0.0	0.0	103.50	102.90
*		48.100	75.80	0.0	0.0	0.0	0.0	0.0	103.50	102.90
*		48.100	115.02	0.0	0.0	0.0	0.0	0.0	103.50	102.90
		48.200	69.24	0.0	0.0	0.0	0.0	0.0	103.50	102.90
		48.200	98.99	0.0	0.0	0.0	0.0	0.0	103.50	102.90
		48.200	117.3	0.0	0.0	0.0	0.0	0.0	103.50	102.90
*		48.200	171.23	0.0	0.0	0.0	0.0	0.0	103.50	102.90
		49.100	39.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		49.100	57.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		49.100	69.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		49.100	105.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		49.000	58.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		49.000	90.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AD	49.000	116.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		49.000	231.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		50.000	42.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		50.000	67.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AE	50.000	103.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		50.000	172.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		51.000	111.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		51.000	139.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AF	51.000	158.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		51.000	218.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		52.000	42.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		52.000	60.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AG	52.000	72.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		52.000	114.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		53.000	55.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		53.000	76.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AH	53.000	90.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		53.000	119.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0

10 YEAR FLOOD, UPPER SIO

SUMMARY PRINTOUT

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
	25.000	992.00	0.0	1011.00	0.0	33.59	1.46	5.85	0.15	58.97	0.0	61.09	0.0
	25.000	992.00	0.0	1011.00	0.0	45.50	1.76	6.72	0.95	59.54	0.57	85.16	0.71
	25.000	992.00	0.0	1011.00	0.0	48.21	1.90	7.15	1.27	59.85	0.31	99.90	1.09
	25.000	992.00	0.0	1011.00	0.0	56.93	2.43	8.17	1.90	60.64	0.79	141.46	2.05
	25.100	992.00	0.0	1011.00	0.0	27.79	1.59	6.73	0.0	60.15	0.0	51.74	0.0
	25.100	992.00	0.0	1011.00	0.0	42.59	1.95	7.67	0.61	60.70	0.55	70.35	0.74
	25.100	992.00	0.0	1011.00	0.0	45.13	2.13	8.16	1.10	61.00	0.29	83.25	1.13
	25.100	992.00	0.0	1011.00	0.0	52.22	2.65	9.35	1.96	61.74	0.74	119.15	2.10
	25.200	992.00	0.0	1011.00	0.0	28.16	1.57	6.56	0.0	61.70	0.0	53.26	0.0
	25.200	992.00	0.0	1011.00	0.0	43.21	1.91	7.45	0.71	62.27	0.57	73.41	0.74
	25.200	992.00	0.0	1011.00	0.0	45.75	2.08	7.94	1.15	62.57	0.30	86.49	1.12
	25.200	992.00	0.0	1011.00	0.0	53.19	2.61	9.09	1.95	63.32	0.75	123.62	2.09
	26.000	1000.00	0.0	1010.00	0.0	35.97	2.37	6.23	1.37	64.20	0.0	86.81	0.0
	26.000	1000.00	0.0	1010.00	0.0	49.07	2.71	7.22	1.56	64.85	0.64	111.57	0.77
	26.000	1000.00	0.0	1010.00	0.0	154.82	2.88	7.70	1.04	65.19	0.34	142.75	1.17
	26.000	1000.00	0.0	1010.00	0.0	192.40	2.97	7.99	1.18	65.98	0.79	280.88	1.90
*	26.100	1000.00	0.0	1010.00	0.0	10.00	0.0	10.06	0.0	65.85	0.0	31.02	0.0
*	26.100	1000.00	0.0	1010.00	0.0	10.00	0.0	11.35	0.0	66.71	0.86	39.64	1.29
*	26.100	1000.00	0.0	1010.00	0.0	10.00	0.0	12.03	0.0	67.22	0.51	44.71	2.05
*	26.100	1000.00	0.0	1010.00	0.0	10.00	0.0	13.80	0.0	68.60	1.38	58.46	4.13
*	28.100	996.00	0.0	1005.00	0.0	9.00	0.0	10.41	0.0	67.03	0.0	29.98	0.0
*	28.100	996.00	0.0	1005.00	0.0	9.00	0.0	11.75	0.0	67.95	0.92	38.29	1.39
*	28.100	996.00	0.0	1005.00	0.0	9.00	0.0	12.49	0.0	68.49	0.53	43.08	2.20
*	28.100	996.00	0.0	1005.00	0.0	9.00	0.0	14.28	0.0	69.98	1.49	56.50	4.43
	28.000	996.00	0.0	1005.00	0.0	110.27	0.87	3.66	1.07	69.26	0.0	203.61	0.0
	28.000	996.00	0.0	1005.00	0.0	170.30	0.74	2.97	0.87	70.76	1.49	407.69	1.44
	28.000	996.00	0.0	1005.00	0.0	196.47	0.67	2.63	0.79	71.64	0.89	568.59	2.31
	28.000	996.00	0.0	1005.00	0.0	262.68	0.52	2.04	0.67	74.10	2.45	1145.72	4.74
	29.000	990.00	0.0	1010.00	0.0	31.79	0.69	6.23	0.87	71.09	0.0	53.59	0.0
	29.000	990.00	0.0	1010.00	0.0	45.96	1.00	6.45	1.26	71.92	0.83	85.87	0.85
	29.000	990.00	0.0	1010.00	0.0	55.63	1.09	6.33	1.37	72.49	0.57	114.67	1.37
	29.000	990.00	0.0	1010.00	0.0	184.72	1.10	5.40	1.20	74.40	1.91	271.48	3.07
	29.100	990.00	0.0	1010.00	0.0	20.00	0.0	5.24	0.0	71.58	0.0	39.55	0.0
	29.100	990.00	0.0	1010.00	0.0	20.00	0.0	6.31	0.0	72.18	0.60	71.27	0.79
	29.100	990.00	0.0	1010.00	0.0	20.00	0.0	6.96	0.0	72.65	0.47	80.76	1.33
	29.100	990.00	0.0	1010.00	0.0	216.77	1.06	5.20	1.09	74.52	1.87	296.38	2.84
*	30.100	991.00	0.0	1009.00	0.0	18.34	0.0	8.76	0.0	71.77	0.0	35.60	0.0
*	30.100	991.00	0.0	1009.00	0.0	18.45	0.0	9.93	0.0	72.42	0.65	45.33	0.99
*	30.100	991.00	0.0	1009.00	0.0	18.51	0.0	10.54	0.0	72.80	0.38	51.06	1.56
*	30.100	991.00	0.0	1009.00	0.0	18.69	0.0	11.04	0.0	73.91	1.10	67.61	3.15
	30.200	991.00	0.0	1009.00	0.0	18.54	0.0	5.75	0.0	73.01	0.0	54.22	0.0
	30.200	991.00	0.0	1009.00	0.0	18.65	0.0	6.73	0.0	73.86	0.85	66.83	1.04
	30.200	991.00	0.0	1009.00	0.0	18.79	0.0	7.19	0.0	74.47	0.61	74.83	1.75
	30.200	991.00	0.0	1009.00	0.0	333.39	0.0	4.44	1.31	76.84	2.37	413.08	3.47

SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
31.100	992.00	0.0	1010.00	0.0	18.00	0.0	3.81	0.0	73.40	0.0	81.94	0.0
31.100	992.00	0.0	1010.00	0.0	18.00	0.0	4.52	0.0	74.37	0.97	99.52	1.07
31.100	992.00	0.0	1010.00	0.0	18.00	0.0	4.81	0.0	75.06	0.69	111.93	1.80
31.100	992.00	0.0	1010.00	0.0	476.26	0.48	2.54	0.42	76.99	1.93	1173.02	3.41
31.000	992.00	0.0	1010.00	0.0	82.89	0.57	3.43	0.52	73.51	0.0	127.44	0.0
31.000	992.00	0.0	1010.00	0.0	183.78	0.54	3.54	0.50	74.62	1.10	266.05	1.09
31.000	992.00	0.0	1010.00	0.0	383.30	0.53	3.16	0.42	75.42	0.80	500.48	1.84
31.000	992.00	0.0	1010.00	0.0	476.92	0.48	2.53	0.42	77.00	1.58	1178.08	3.36
32.000	995.00	0.0	1005.00	0.0	95.08	0.90	5.67	1.31	74.83	0.0	98.54	0.0
32.000	995.00	0.0	1005.00	0.0	186.93	0.63	5.04	1.86	75.46	0.63	184.15	0.50
32.000	995.00	0.0	1005.00	0.0	437.22	0.45	4.10	1.59	75.91	0.45	363.06	0.86
32.000	995.00	0.0	1005.00	0.0	509.33	0.48	2.36	1.04	77.16	1.25	969.13	2.01
33.000	992.00	0.0	1010.00	0.0	29.14	0.19	4.38	0.53	77.43	0.0	73.20	0.0
33.000	992.00	0.0	1010.00	0.0	56.90	0.45	5.67	0.77	77.84	0.40	88.85	0.60
33.000	992.00	0.0	1010.00	0.0	79.50	0.59	6.44	0.80	78.01	0.18	100.89	0.91
33.000	992.00	0.0	1010.00	0.0	125.43	1.04	7.40	1.40	78.75	0.74	176.39	1.77
34.000	994.00	0.0	1007.00	0.0	99.03	3.16	6.04	2.90	83.59	0.0	77.64	0.0
34.000	994.00	0.0	1007.00	0.0	127.48	3.42	6.47	3.33	83.85	0.26	107.21	0.28
34.000	994.00	0.0	1007.00	0.0	134.84	3.80	7.20	3.75	83.91	0.07	116.08	0.43
34.000	994.00	0.0	1007.00	0.0	169.31	3.92	7.52	4.25	84.27	0.36	171.09	0.79
35.000	987.00	0.0	1013.00	0.0	77.04	3.15	4.56	1.76	86.16	0.0	92.18	0.0
35.000	987.00	0.0	1013.00	0.0	78.96	3.75	5.35	2.10	86.43	0.27	113.32	0.36
35.000	987.00	0.0	1013.00	0.0	80.48	3.93	5.57	2.21	86.64	0.21	130.43	0.59
35.000	987.00	0.0	1013.00	0.0	82.95	4.87	6.66	2.76	86.99	0.35	159.01	1.12
36.000	989.00	0.0	1009.00	0.0	95.53	1.62	5.98	3.89	89.47	0.0	76.06	0.0
36.000	989.00	0.0	1009.00	0.0	100.04	2.01	6.52	4.50	89.72	0.25	100.71	0.31
36.000	989.00	0.0	1009.00	0.0	102.31	2.22	6.90	4.87	89.85	0.13	113.58	0.49
36.000	989.00	0.0	1009.00	0.0	116.54	2.59	7.36	5.43	90.26	0.42	159.45	0.96
37.000	992.00	0.0	1007.00	0.0	41.06	0.77	6.58	1.54	90.05	0.0	53.82	0.0
37.000	992.00	0.0	1007.00	0.0	48.13	1.41	8.12	2.78	90.39	0.34	69.09	0.64
37.000	992.00	0.0	1007.00	0.0	54.84	1.73	8.36	3.36	90.72	0.32	85.81	0.98
37.000	992.00	0.0	1007.00	0.0	69.31	2.31	9.24	4.46	91.42	0.70	129.27	1.77
37.100	992.00	0.0	1007.00	0.0	15.00	0.0	6.04	0.0	90.41	0.0	51.69	0.0
37.100	992.00	0.0	1007.00	0.0	15.00	0.0	7.89	0.0	90.76	0.35	57.01	0.75
37.100	992.00	0.0	1007.00	0.0	15.00	0.0	9.10	0.0	90.91	0.15	59.12	1.21
37.100	992.00	0.0	1007.00	0.0	86.26	1.85	6.68	3.56	92.25	1.34	193.04	1.77
38.100	993.00	0.0	1008.00	0.0	14.91	0.0	4.20	0.0	90.75	0.0	74.34	0.0
38.100	993.00	0.0	1008.00	0.0	15.00	0.0	5.77	0.0	91.29	0.54	77.95	0.79
38.100	993.00	0.0	1008.00	0.0	15.00	0.0	6.90	0.0	91.56	0.27	77.95	1.28
38.100	993.00	0.0	1008.00	0.0	15.00	0.0	10.35	0.0	91.50	-0.06	77.95	2.14
38.200	993.00	0.0	1008.00	0.0	14.92	0.0	4.17	0.0	90.79	0.0	74.88	0.0
38.200	993.00	0.0	1008.00	0.0	15.00	0.0	5.77	0.0	91.42	0.63	77.95	0.88
38.200	993.00	0.0	1008.00	0.0	15.00	0.0	6.90	0.0	91.75	0.33	77.95	1.43
38.200	993.00	0.0	1008.00	0.0	15.00	0.0	10.35	0.0	91.93	0.18	77.95	2.53

SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
39.100	991.00	0.0	1008.00	0.0	17.00	0.0	3.54	0.0	90.88	0.0	88.11	0.0
39.100	991.00	0.0	1008.00	0.0	17.00	0.0	4.43	0.0	91.67	0.79	101.53	0.90
39.100	991.00	0.0	1008.00	0.0	17.00	0.0	4.89	0.0	92.17	0.50	110.08	1.47
39.100	991.00	0.0	1008.00	0.0	112.03	1.19	3.21	1.44	93.65	1.48	421.65	2.67
39.000	991.00	0.0	1008.00	0.0	76.82	0.75	2.59	0.96	91.06	0.0	178.92	0.0
39.000	991.00	0.0	1008.00	0.0	88.52	0.92	2.81	1.14	91.97	0.91	253.36	0.91
39.000	991.00	0.0	1008.00	0.0	96.07	0.96	2.84	1.20	92.54	0.57	306.91	1.48
39.000	991.00	0.0	1008.00	0.0	113.03	1.18	3.17	1.42	93.69	1.15	426.53	2.64
43.000	977.00	0.0	1002.00	0.0	50.39	0.86	4.47	0.81	92.74	0.0	97.51	0.0
43.000	977.00	0.0	1002.00	0.0	55.25	1.01	4.94	0.96	93.43	0.69	133.36	0.74
43.000	977.00	0.0	1002.00	0.0	59.13	1.08	5.14	1.02	93.85	0.42	157.58	1.19
43.000	977.00	0.0	1002.00	0.0	103.01	1.05	5.73	1.15	94.84	0.99	244.34	2.24
43.100	977.00	0.0	1002.00	0.0	25.00	0.0	4.58	0.0	92.92	0.0	68.07	0.0
43.100	977.00	0.0	1002.00	0.0	25.00	0.0	5.37	0.0	93.56	0.68	83.74	0.76
43.100	977.00	0.0	1002.00	0.0	25.00	0.0	5.74	0.0	93.94	0.38	93.71	1.20
43.100	977.00	0.0	1002.00	0.0	25.00	0.0	7.00	0.0	94.81	0.87	115.33	2.32
44.100	991.00	0.0	1016.00	0.0	25.00	0.0	3.23	0.0	93.11	0.0	96.70	0.0
44.100	991.00	0.0	1016.00	0.0	25.00	0.0	3.96	0.0	93.79	0.68	113.72	0.76
44.100	991.00	0.0	1016.00	0.0	25.00	0.0	4.35	0.0	94.19	0.40	123.70	1.21
44.100	991.00	0.0	1016.00	0.0	25.00	0.0	5.70	0.0	95.11	0.92	141.50	2.34
44.200	991.00	0.0	1016.00	0.0	25.00	0.0	3.21	0.0	93.13	0.0	97.16	0.0
44.200	991.00	0.0	1016.00	0.0	25.00	0.0	3.94	0.0	93.81	0.69	114.31	0.77
44.200	991.00	0.0	1016.00	0.0	25.00	0.0	4.33	0.0	94.21	0.40	124.36	1.22
44.200	991.00	0.0	1016.00	0.0	25.00	0.0	5.70	0.0	95.18	0.97	141.50	2.40
45.100	985.00	0.0	1015.00	0.0	24.55	0.0	7.33	0.0	92.71	0.0	42.56	0.0
45.100	985.00	0.0	1015.00	0.0	26.24	0.0	7.43	0.0	93.42	0.71	60.58	0.74
45.100	985.00	0.0	1015.00	0.0	27.24	0.0	7.49	0.0	93.84	0.42	71.86	1.17
45.100	985.00	0.0	1015.00	0.0	29.74	0.0	7.93	0.0	94.88	1.04	101.78	2.32
45.000	985.00	0.0	1015.00	0.0	26.51	0.0	4.91	0.0	93.54	0.0	63.60	0.0
45.000	985.00	0.0	1015.00	0.0	27.91	0.0	5.65	0.0	94.13	0.59	79.64	0.71
45.000	985.00	0.0	1015.00	0.0	28.76	0.0	6.00	0.0	94.48	0.36	89.71	1.13
45.000	985.00	0.0	1015.00	0.0	53.40	0.35	6.83	0.35	95.43	0.95	122.98	2.25
46.000	990.00	0.0	1010.00	0.0	91.15	1.34	5.08	1.98	96.00	0.0	96.28	0.0
46.000	990.00	0.0	1010.00	0.0	115.30	1.44	5.13	2.14	96.49	0.49	147.02	0.46
46.000	990.00	0.0	1010.00	0.0	133.11	1.45	5.06	2.29	96.75	0.26	179.74	0.70
46.000	990.00	0.0	1010.00	0.0	181.91	1.42	4.82	2.36	97.46	0.71	292.55	1.36
47.000	986.00	0.0	1010.00	0.0	76.38	0.46	3.98	0.46	97.27	0.0	108.04	0.0
47.000	986.00	0.0	1010.00	0.0	94.53	0.62	4.84	0.62	97.72	0.44	145.82	0.54
47.000	986.00	0.0	1010.00	0.0	103.06	0.72	5.36	0.72	97.93	0.21	166.35	0.82
47.000	986.00	0.0	1010.00	0.0	124.62	0.96	6.69	0.97	98.45	0.52	226.14	1.54
47.100	986.00	0.0	1010.00	0.0	24.00	0.0	4.01	0.0	97.41	0.0	77.72	0.0
47.100	986.00	0.0	1010.00	0.0	24.00	0.0	5.07	0.0	97.87	0.46	88.78	0.61
47.100	986.00	0.0	1010.00	0.0	24.00	0.0	5.72	0.0	98.08	0.22	94.01	0.94
47.100	986.00	0.0	1010.00	0.0	24.00	0.0	7.58	0.0	98.60	0.52	106.46	1.84

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
*	48.100	984.00	0.0	1008.00	0.0	24.00	0.0	7.52	0.0	97.33	0.0	41.46	0.0
*	48.100	984.00	0.0	1008.00	0.0	24.00	0.0	8.50	0.0	97.81	0.48	52.95	0.72
*	48.100	984.00	0.0	1008.00	0.0	24.00	0.0	9.02	0.0	98.09	0.28	59.65	1.14
*	48.100	984.00	0.0	1008.00	0.0	24.00	0.0	10.32	0.0	98.86	0.77	78.23	2.31
	48.200	984.00	0.0	1008.00	0.0	24.00	0.0	5.54	0.0	97.95	0.0	56.27	0.0
	48.200	984.00	0.0	1008.00	0.0	24.00	0.0	6.35	0.0	98.55	0.60	70.90	0.75
	48.200	984.00	0.0	1008.00	0.0	24.00	0.0	6.79	0.0	98.90	0.35	79.28	1.19
*	48.200	984.00	0.0	1008.00	0.0	24.00	0.0	7.92	0.0	99.84	0.95	101.85	2.39
	49.100	992.00	0.0	1016.00	0.0	24.00	0.0	5.75	0.0	97.95	0.0	54.27	0.0
	49.100	992.00	0.0	1016.00	0.0	24.00	0.0	6.58	0.0	98.55	0.60	68.35	0.75
	49.100	992.00	0.0	1016.00	0.0	24.00	0.0	7.02	0.0	98.89	0.35	76.66	1.19
	49.100	992.00	0.0	1016.00	0.0	24.00	0.0	8.12	0.0	99.84	0.95	99.36	2.40
	49.000	992.00	0.0	1016.00	0.0	43.02	0.81	4.40	1.16	98.41	0.0	88.89	0.0
AD	49.000	992.00	0.0	1016.00	0.0	98.00	0.90	4.63	0.82	99.15	0.73	143.64	0.78
	49.000	992.00	0.0	1016.00	0.0	135.12	0.89	4.67	0.77	99.61	0.46	196.90	1.23
	49.000	992.00	0.0	1016.00	0.0	301.98	0.68	4.47	0.72	100.97	1.36	469.08	2.49
	50.000	998.00	0.0	1005.00	0.0	296.59	0.66	5.75	0.73	101.11	0.0	278.05	0.0
AE	50.000	998.00	0.0	1005.00	0.0	324.77	0.76	5.67	0.72	101.55	0.43	416.21	0.38
	50.000	998.00	0.0	1005.00	0.0	340.26	0.81	5.68	0.72	101.80	0.25	497.48	0.61
	50.000	998.00	0.0	1005.00	0.0	384.76	0.90	5.57	0.73	102.50	0.70	752.13	1.27
	51.000	997.00	0.0	1006.00	0.0	279.61	0.42	1.96	0.40	101.54	0.0	559.96	0.0
AF	51.000	997.00	0.0	1006.00	0.0	307.91	0.52	2.36	0.49	101.95	0.41	680.40	0.42
	51.000	997.00	0.0	1006.00	0.0	334.66	0.57	2.56	0.54	102.19	0.24	757.26	0.66
	51.000	997.00	0.0	1006.00	0.0	370.89	0.68	3.00	0.65	102.86	0.67	990.12	1.34
	52.000	990.00	0.0	1010.00	0.0	19.35	0.0	4.48	0.0	104.67	0.0	69.57	0.0
AG	52.000	990.00	0.0	1010.00	0.0	276.48	0.22	5.07	0.50	105.35	0.68	144.74	0.74
	52.000	990.00	0.0	1010.00	0.0	302.57	0.33	5.19	0.75	105.59	0.24	211.12	0.96
	52.000	990.00	0.0	1010.00	0.0	322.25	0.59	5.31	1.14	106.11	0.52	376.27	1.41
	53.000	990.00	0.0	1019.00	0.0	27.56	0.0	3.44	0.0	108.91	0.0	90.80	0.0
AH	53.000	990.00	0.0	1019.00	0.0	30.02	0.0	3.91	0.24	109.77	0.86	115.26	0.91
	53.000	990.00	0.0	1019.00	0.0	31.90	0.01	4.29	0.44	110.12	0.35	126.12	1.31
	53.000	990.00	0.0	1019.00	0.0	37.17	0.35	5.43	0.86	110.69	0.78	152.92	2.26

SUMMARY OF ERRORS

CAUTION SECNO= 26.100 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.100 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.100 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.100 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.100 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.100 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.100 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.100 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 28.100 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 28.100 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 28.100 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 28.100 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 28.100 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 28.100 PROFILE= 4 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 28.100 PROFILE= [illegible]ICAL DEPTH ASSUMED

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 CAUTION  SECNO=   28.100  PROFILE= 4  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=   30.100  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   30.100  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   30.100  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO=   30.100  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   30.100  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   30.100  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO=   30.100  PROFILE= 3  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   30.100  PROFILE= 3  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   30.100  PROFILE= 3  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO=   30.100  PROFILE= 4  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   30.100  PROFILE= 4  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=   34.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   34.000  PROFILE= 1  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   34.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   34.000  PROFILE= 2  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   34.000  PROFILE= 3  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   34.000  PROFILE= 3  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   34.000  PROFILE= 4  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   34.000  PROFILE= 4  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=   36.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   36.000  PROFILE= 1  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=   37.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   37.000  PROFILE= 2  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   37.000  PROFILE= 3  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   37.000  PROFILE= 3  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   37.000  PROFILE= 4  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   37.000  PROFILE= 4  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=   46.100  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   46.100  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   46.100  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO=   46.100  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   46.100  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   46.100  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO=   46.100  PROFILE= 3  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   46.100  PROFILE= 3  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   46.100  PROFILE= 3  20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION  SECNO=   46.100  PROFILE= 4  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=   46.100  PROFILE= 4  PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=   46.100  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL

 CAUTION  SECNO=   48.200  PROFILE= 4  20 TRIALS ATTEMPTED TO BALANCE WSEL
```

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR//CORR -  01,02
  MODIFICATION -  50,51,52,53
**********************************************
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77777777777   3333333333        444     77777777777
77777777777   333333333333      4444     77777777777
77      77    33        33     44 44     77      77
      77                33    44  44            77
     77                 33   44   44           77
    77              3333   44444444444        77
    77              3333   444444444444       77
    77                 33         44          77
    77                 33         44          77
    77       33        33         44          77
    77       333333333333         44          77
    77        3333333333          44          77
```

VSI END JOB 7347 BACKH201 07/27/76 15.03.32 3,246 LINES PRINTED

```
//BACKH201 JOB (999208011),'AL CAV',TIME=5,PRTY=5                    J7042
LOG 16.24.29 XEQ  BACKH201 999-208-011      5 A 05 AL CAV              J7042
LOG 0001 16.24.29 XEQ  BACKH201 999-208-011     5 A 05 AL CAV
LOG 16.28.44 END  BACKH201 J7042
LOG 0001 16.28.44 END  BACKH201 J7042
//STU EXEC PGM=HEC2,REGION=100K
//STEPLIB DD DSN=SYS3.P99208.U600.LIBRARY2,DISP=SHR
//FT06F001 DD SYSOUT=A,OUTLIM=10000
//FT07F001 DD SYSOUT=B
//FT21F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT21,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT22F001 DD SPACE=(3059,(1000,500)),UNIT=SYSDA,
//            DSN=&&HEC2FT22,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT23F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT23,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT24F001 DD  SPACE=(3059,(5,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT24,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT25F001 DD SPACE=(3156,(2000,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT25,
//            DCB=(RECFM=VBS,LRECL=804,BLKSIZE=3156)
//FT26F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT26,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT05F001 DD *
//
IEF236I ALLOC. FOR BACKH201 STU
IEF237I 15A    ALLOCATED TO STEPLIB
IEF237I 15B    ALLOCATED TO FT21F001
IEF237I 15C    ALLOCATED TO FT22F001
IEF237I 15D    ALLOCATED TO FT23F001
IEF237I 15A    ALLOCATED TO FT24F001
IEF237I 15C    ALLOCATED TO FT25F001
IEF237I 15B    ALLOCATED TO FT26F001
IEF142I - STEP WAS EXECUTED - COND CODE 0000                          KEPT
IEF285I   SYS3.P99208.U600.LIBRARY2
IEF285I   VOL SER NOS= USER01.
IEF285I   SYS78207.T162426.RF103.BACKH201.HEC2FT21                    DELETED
IEF285I   VOL SER NOS= USER02.
IEF285I   SYS78207.T162426.RF103.BACKH201.HEC2FT22                    DELETED
IEF285I   VOL SER NOS= USER03.
IEF285I   SYS78207.T162426.RF103.BACKH201.HEC2FT23                    DELETED
IEF285I   VOL SER NOS= USER02.
IEF285I   SYS78207.T162426.RF103.BACKH201.HEC2FT24                    DELETED
IEF285I   VOL SER NOS= USER01.
IEF285I   SYS78207.T162426.RF103.BACKH201.HEC2FT25                    DELETED
IEF285I   VOL SER NOS= USER03.
IEF285I   SYS78207.T162426.RF103.BACKH201.HEC2FT26                    DELETED
IEF285I   VOL SER NOS= VSIRLS.
IEF373I STEP /STU      / START 78207.1624
IEF374I STEP /STU      / STOP  78207.1628 CPU    1MIN 08.84SEC STOR VIRT 444K
    I/O COUNTS:
      15A             0
      15B            26
      15C             4
      15D             4
      15A             0
```

```
 15C          15
 158          0
IEF2981  BACKH201 SYSOUT=A.
IEF3751  JOB /BACKH201/ START 78207.1624
IEF3761  JOB /BACKH201/ STOP  78207.1628 CPU    1MIN 08.84SEC
    (999-208-011)                49 I/O EVENTS.    EXECUTION COST =      $2.65 (PRTY 05)
                                212 CARDS READ
```

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
*****************************************************

T1       FLOOD INSURANCE STUDY
T2       DARIEN, CONN.
T3      100 YEAR FLOOD,  STONY BROOK
J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
     0.       4.       0.       0.   0.0          0.0      0.0      0.      6.360    0.0
J2  NPROF     IPLOT    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
    35.000    1.000    62.000   3.000    10.000   11.000   12.000   5.000    58.000   4.000
    16.000   17.000    18.000   0.0      38.000   21.000   22.000   42.000   8.000    39.000
    13.000   14.000    15.000   55.000   26.000   56.000   0.0      38.000   34.000   44.000
    45.000   48.000    46.000   47.000   40.000   41.000   0.0      38.000   21.000   27.000
    22.000   26.000    4.000    55.000   26.000   56.000   1.000    50.000   25.000   61.000
J6  IHLEQ     ICOPY
    1.000     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
NC    0.090     0.060     0.030     0.100     0.300     0.0       0.0       0.0       0.0       0.0
QT    5.000   465.000   670.000   800.000  1200.000   800.000     0.0       0.0       0.0       0.0
ET    0.0       0.0       0.0       0.0       0.0      10.600     0.0       0.0       0.0       0.0

X1    1.000    10.000   972.000  1034.000     0.0       0.0       0.0       0.0       0.0       0.0
GR   20.000   909.000    15.000   928.000    10.000   937.000     5.000   972.000     2.000   994.000
GR    1.000  1000.000     2.000  1022.000     5.000  1034.000    10.000  1044.000    20.000  1077.000
NC    0.060     0.120     0.035     0.0       0.0       0.0       0.0       0.0       0.0       0.0

X1    2.000    13.000   986.000  1050.000   260.000   350.000   300.000     0.0       0.0       0.0
GR   20.000   902.000     9.000   954.000     8.000   986.000     5.000   990.000     2.700  1000.000
GR    5.000  1010.000     7.000  1011.000     7.000  1022.000     5.000  1025.000     5.000  1046.000
GR    7.000  1050.000     8.000  1097.000    20.000  1255.000     0.0       0.0       0.0       0.0
ET    0.0       0.0       0.0       0.0       0.0      60.200     0.0       0.0       0.0       0.0

X1    3.000    11.000   989.000  1005.000    45.000    55.000    50.000     0.0       0.0       0.0
GR   20.000   902.000    10.000   946.000     7.100   984.000     7.200   989.000     4.800   989.000
GR    4.400  1005.000     7.200  1005.000     6.400  1021.000     8.400  1025.000     9.500  1035.000
GR    9.400  1070.000     0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
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BT	0.0	0.0	0.0	0.0	0.0	10.600	0.0	0.0	0.0	0.0
X1	4.000	15.000	991.000	1020.000	50.000	45.000	50.000	0.0	0.0	0.0
GR	20.000	905.000	10.000	946.000	9.000	968.000	7.500	973.000	7.300	991.000
GR	5.800	991.000	4.000	992.000	3.600	1008.000	7.400	1020.000	6.300	1034.000
GR	9.000	1037.000	9.000	1097.000	10.000	1138.000	15.000	1182.000	20.000	1206.000
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	5.000	8.000	992.000	1013.000	145.000	130.000	140.000	0.0	0.0	0.0
GR	15.000	858.000	9.000	940.000	8.500	992.000	3.000	992.000	1.000	998.000
GR	9.000	1013.000	10.000	1050.000	11.000	1120.000	0.0	0.0	0.0	0.0
X1	5.100	0.0	0.0	0.0	30.000	40.000	30.000	0.0	1.000	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	8.000	8.000	0.0
NC	0.040	0.040	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	6.100	13.000	987.000	1011.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	4.000	987.000	10.500	8.100	987.000	10.500	6.100	1011.000	10.500	8.100
BT	1011.000	10.500	6.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	20.000	795.000	15.000	620.000	12.000	855.000	9.600	966.000	10.500	987.000
GR	3.400	987.000	2.400	994.000	3.000	1007.000	2.900	1011.000	10.100	1011.000
GR	9.900	1021.000	12.000	1113.000	20.000	1288.000	0.0	0.0	0.0	0.0
X1	6.200	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	8.100	10.500	0.0	1.000	0.0	0.0	0.0
NC	0.120	0.050	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	7.200	13.000	1000.000	1023.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	9.700	9.700	0.0
GR	20.000	715.000	14.000	772.000	15.000	810.000	9.000	884.000	8.500	980.000
GR	4.000	980.000	2.500	1000.000	4.000	1023.000	8.500	1023.000	9.000	1072.000
GR	11.000	1100.000	15.000	1125.000	20.000	1275.000	0.0	0.0	0.0	0.0
X1	7.100	0.0	0.0	0.0	50.000	25.000	40.000	0.0	0.0	0.0
NC	0.095	0.050	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	7.000	10.000	989.000	1008.000	100.000	50.000	70.000	0.0	0.0	0.0
GR	22.400	895.000	15.000	944.000	8.600	978.000	9.000	989.000	2.700	1000.000
GR	5.600	1007.000	8.700	1008.000	10.000	1039.000	15.000	1103.000	19.500	1141.000
NC	0.080	0.050	0.030	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	8.000	12.000	990.000	1010.000	380.000	370.000	370.000	0.0	0.0	0.0
GR	15.000	925.000	11.000	956.000	9.000	990.000	6.500	990.000	6.000	1000.000
GR	6.500	1010.000	10.500	1010.000	14.000	1018.000	15.000	1037.000	21.000	1063.000
GR	22.000	1088.000	30.000	1140.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	8.100	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	14.000	14.000	0.0
NC	0.040	0.040	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	9.100	12.000	993.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	5.000	993.000	16.000	12.400	993.000	16.000	12.400	1000.000	16.000	12.400
BT	1010.000	16.000	12.400	1010.000	16.000	12.400	0.0	0.0	0.0	0.0
GR	23.000	578.000	18.000	840.000	16.000	990.000	16.000	993.000	6.300	993.000
GR	5.000	1000.000	7.400	1010.000	16.000	1010.000	16.000	1090.000	17.000	1217.000
GR	19.000	1328.000	25.000	1430.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	18.000									

X1	9.200	0.0	0.0	0.0	52.000	52.000	52.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	12.400	16.000	0.0	1.000	0.0	0.0	0.0
NC	0.050	0.060	0.030	0.0	0.0	0.0	0.0	0.0		
X1	10.100	14.000	993.000	1016.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	16.000	16.000	0.0
GR	23.000	584.000	17.000	863.000	15.000	885.000	15.600	976.000	12.500	993.000
GR	6.400	993.000	4.800	1000.000	6.000	1006.000	12.400	1016.000	13.000	1085.000
GR	14.000	1100.000	15.300	1220.000	15.000	1240.000	19.400	1060.000	0.0	0.0
X1	10.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.0	0.0
NC	0.060	0.060	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	50.200	0.0	0.0	0.0	0.0
X1	11.000	12.000	995.000	1011.000	90.000	110.000	100.000	0.0	0.0	0.0
GR	15.900	900.000	14.400	995.000	6.100	995.000	5.500	1000.000	6.000	1011.000
GR	12.300	1011.000	12.200	1030.000	12.000	1061.000	10.000	1094.000	11.000	1190.000
GR	14.000	1237.000	20.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	9.100	0.0	0.0	990.000	1050.000
X1	12.000	13.000	990.000	1010.000	30.000	40.000	35.000	0.0	0.0	0.0
GR	22.000	714.000	14.000	915.000	13.200	990.000	60.000	990.000	5.600	1000.000
GR	9.500	1007.000	11.000	1010.000	10.700	1026.000	11.000	1050.000	9.500	1065.000
GR	11.000	1165.000	15.000	1210.000	25.000	1282.000	0.0	0.0	0.0	0.0
NC	0.040	0.055	0.030	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	10.600	0.0	0.0	0.0	0.0
X1	13.000	13.000	993.000	1006.000	440.000	470.000	455.000	0.0	0.0	0.0
GR	15.200	845.000	14.000	905.000	12.000	922.000	11.000	977.000	10.800	993.000
GR	7.000	993.000	6.500	1000.000	7.000	1006.000	12.000	1006.000	13.000	1026.000
GR	14.000	1074.000	17.000	1152.000	24.000	1170.000	0.0	0.0	0.0	0.0
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	13.100	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	13.000	13.000	0.0
NC	0.030	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	14.100	11.000	992.000	1008.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	5.000	992.000	15.600	11.200	992.000	16.600	11.200	996.000	16.600	11.200
BT	1008.000	16.600	11.200	1008.000	16.600	11.200	0.0	0.0	0.0	0.0
GR	23.300	493.000	14.000	900.000	13.500	992.000	6.400	992.000	6.100	996.000
GR	6.800	1008.000	13.400	1008.000	13.700	1020.000	14.000	1040.000	16.000	1095.000
GR	24.000	1236.000	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	30.200	0.0	0.0	0.0	0.0
X1	14.200	0.0	0.0	0.0	45.000	45.000	45.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	11.200	13.400	0.0	1.000	0.0	0.0	0.0
NC	0.040	0.040	0.030	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	10.600	0.0	0.0	0.0	0.0
X1	15.100	13.000	990.000	1011.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	13.400	13.400	0.0
GR	20.000	530.000	18.000	549.000	15.000	614.000	140.000	628.000	10.500	955.000
GR	10.200	990.000	7.000	990.000	7.500	1011.000	11.500	1011.000	13.000	1024.000
GR	14.000	1050.000	15.000	1055.000	16.000	1085.000	0.0	0.0	0.0	0.0
X1	15.000	0.0	0.0	0.0	45.000	35.000	40.000	0.0	0.0	0.0

NC	0.100	0.100	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	16.000	16.000	986.000	1012.000	970.000	980.000	975.000	0.0	0.0	0.0
GR	26.200	941.000	16.000	960.000	10.900	986.000	9.600	986.000	9.200	1000.000
GR	9.000	1008.000	10.000	1012.000	14.100	1012.000	14.200	1014.000	13.200	1015.000
GR	13.900	1060.000	15.000	1128.000	16.000	1310.000	17.000	1364.000	19.000	1407.000
GR	21.000	1424.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.060	0.100	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	17.000	10.000	993.000	1010.000	445.000	440.000	445.000	0.0	0.0	0.0
GR	25.000	920.000	20.000	966.000	15.000	982.000	11.700	988.000	11.500	993.000
GR	11.100	1000.000	11.700	1010.000	14.000	1013.000	19.800	1062.000	19.200	1085.000
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	17.100	0.0	0.0	0.0	55.000	45.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	17.000	17.000	0.0
NC	0.030	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	18.100	13.000	993.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	5.000	993.000	24.700	20.300	993.000	24.700	20.300	1000.000	14.700	20.000
BT	1010.000	24.700	19.400	1010.000	24.700	19.400	0.0	0.0	0.0	0.0
GR	30.000	833.000	25.000	944.000	22.800	986.000	23.000	993.000	11.700	993.000
GR	11.700	1000.000	12.000	1010.000	21.900	1010.000	21.300	1023.000	20.000	1055.000
GR	17.300	1188.000	18.000	1318.000	20.000	1380.000	0.0	0.0	0.0	0.0
X1	16.200	0.0	0.0	0.0	33.000	33.000	33.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	20.300	17.300	0.0	1.000	0.0	0.0	0.0
NC	0.090	0.060	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	19.100	17.000	992.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	17.500	17.500	0.0
GR	30.000	885.000	29.700	875.000	25.300	925.000	20.000	960.000	17.800	966.000
GR	15.200	992.000	12.300	995.000	9.500	997.000	10.600	1000.000	12.400	1008.000
GR	16.300	1010.000	18.000	1022.000	17.500	1029.000	21.100	1095.000	19.000	1285.000
GR	20.000	1370.000	30.000	1560.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	19.000	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
NC	0.100	0.100	0.030	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	20.000	15.000	990.000	1010.000	270.000	340.000	310.000	0.0	0.0	0.0
GR	35.900	790.000	34.500	875.000	26.800	925.000	15.000	980.000	14.500	970.000
GR	12.500	993.000	12.500	1000.000	13.000	1007.000	14.500	1010.000	19.200	1050.000
GR	16.400	1110.000	18.600	1175.000	27.000	1250.000	24.600	1310.000	31.200	1350.000
X1	21.000	17.000	985.000	1008.000	320.000	270.000	290.000	0.0	0.0	0.0
GR	31.600	900.000	30.000	930.000	25.000	960.000	23.600	964.000	23.100	968.000
GR	16.000	985.000	14.600	990.000	14.300	1000.000	15.100	1008.000	16.000	1013.000
GR	19.500	1023.000	19.100	1044.000	18.100	1135.000	20.500	1200.000	29.900	1310.000
GR	29.400	1370.000	38.300	1460.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.030	0.030	0.025	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	22.000	0.0	0.0	0.0	110.000	110.000	110.000	0.0	2.800	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	33.000	33.000	0.0
SB	1.250	3.500	2.500	0.0	17.200	2.000	100.000	0.0	20.450	17.100
X1	23.000	10.000	992.000	1009.000	315.000	315.000	315.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	27.200	39.200	0.0	0.0	0.0	0.0	0.0

				0.0	0.0	0.0	0.0	39.200	40.400	0.0
X3	10.000	0.0	0.0	0.0	680.000	41.400	0.0	973.000	39.200	0.0
BT	10.000	505.000	41.000	0.0	40.000	27.100	992.000	40.000	27.100	1009.000
BT	988.000	39.700	0.0	992.000	27.100	1028.000	40.700	0.0	1120.000	45.000
BT	40.400	27.100	1009.000	40.400	0.0	0.0	0.0	0.0	0.0	0.0
BT	0.0	0.0	0.0	0.0	39.200	973.000	39.700	988.000	40.000	992.000
GR	44.000	505.000	41.400	680.000	40.400	1009.000	40.700	1028.000	45.000	1120.000
GR	20.500	992.000	20.500	1009.000						
								0.0	0.0	0.0
X1	24.000	16.000	996.000	1021.000	30.000	30.000	30.000	950.000	23.400	984.000
GR	50.000	702.000	33.400	852.000	32.400	920.000	30.000	1014.000	21.900	1021.000
GR	23.200	996.000	21.600	1000.000	21.600	1006.000	20.200	1051.000	36.900	1073.000
GR	29.100	1036.000	29.000	1039.000	31.500	1041.000	35.100	0.0	0.0	0.0
GR	50.000	1165.000	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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  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
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T1      FLOOD INSURANCE STUDY
T2      DARIEN, CONN.
T3      FLOODWAY

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      0          WSEL       FQ
        0.         0.         0.         0.   0.0           0.0        0.0        0.         6.360      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
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  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

00 YEAR FLOOD, STONY BR

SUMMARY PRINTOUT

	SECNO	CWSEL	IMLEQ	EG	HV	HL	OLOSS	10K*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
	1.000	6.36	4.00	6.54	0.18	0.0	0.0	8.24	0.0	74.24	90.00	30.00	60.00
	1.000	6.36	4.00	6.54	0.18	0.0	0.0	8.82	0.0	62.00	90.00	30.00	60.00
	2.000	7.34	2.00	7.87	0.53	1.22	0.11	73.35	0.34	78.62	60.00	35.00	120.00
	2.000	7.34	2.00	7.87	0.53	1.22	0.10	72.79	0.35	63.12	60.00	35.00	120.00
*	3.000	8.62	4.00	10.00	1.18	0.55	0.10	109.41	0.82	67.32	60.00	35.00	120.00
*	3.000	8.80	4.00	9.99	1.19	0.55	0.10	110.72	0.81	60.00	60.00	35.00	120.00
	4.000	9.97	4.00	10.20	0.22	0.10	0.10	11.48	3.09	190.94	60.00	35.00	120.00
	4.000	9.83	4.00	10.25	0.42	0.19	0.08	22.92	2.20	29.00	60.00	35.00	120.00
	5.000	10.15	2.00	10.52	0.39	0.24	0.08	22.67	0.71	134.39	60.00	35.00	120.00
	5.000	10.14	2.00	10.76	0.63	0.41	0.10	35.65	0.80	21.00	60.00	35.00	120.00
	5.100	9.99	2.00	10.91	0.93	0.13	0.27	62.19	0.60	71.82	60.00	35.00	120.00
	5.100	10.14	2.00	11.04	0.90	0.14	0.14	60.02	0.77	21.00	60.00	35.00	120.00
	6.100	10.74	4.00	11.11	0.37	0.03	0.17	43.00	1.20	144.78	40.00	25.00	40.00
	6.100	10.81	4.00	11.22	0.40	0.03	0.15	44.49	1.16	68.87	40.00	25.00	40.00
	6.200	10.97	4.00	11.25	0.27	0.11	0.03	32.28	1.15	165.45	40.00	25.00	40.00
	6.200	11.14	4.00	11.37	0.23	0.10	0.05	26.65	1.29	110.26	40.00	25.00	40.00
	7.200	11.25	4.00	11.31	0.07	0.00	0.06	2.21	3.82	245.25	120.00	30.00	50.00
	7.200	11.35	4.00	11.42	0.07	0.00	0.05	7.28	3.42	171.48	120.00	30.00	50.00
	7.100	11.25	4.00	11.32	0.07	0.01	0.00	2.19	1.00	245.40	120.00	30.00	50.00
	7.100	11.26	2.00	11.56	0.29	0.02	0.11	9.77	0.46	23.00	120.00	30.00	50.00
	7.000	11.05	2.00	11.52	0.46	0.08	0.12	18.82	0.34	117.51	95.00	30.00	50.00
	7.000	11.05	2.00	11.88	0.83	0.16	0.16	35.65	0.52	19.00	95.00	30.00	50.00
	8.000	11.81	2.00	12.36	0.57	0.81	0.05	24.90	0.87	63.19	80.00	30.00	50.00
	8.000	12.45	4.00	13.09	0.65	1.16	0.00	28.04	1.13	20.00	80.00	30.00	50.00
	8.100	11.80	2.00	12.60	0.61	0.11	0.12	35.95	0.83	20.00	80.00	30.00	50.00
	8.100	12.58	4.00	13.20	0.62	0.10	0.01	20.37	1.03	20.00	80.00	30.00	50.00

SECNO	CWSEL	THLEQ	EG	HV	HL	OLOSS	10K*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
9.100	11.57	2.00	12.87	1.30	0.02	0.24	48.74	0.86	17.00	40.00	25.00	40.00
9.100	12.43	2.00	13.39	0.96	0.02	0.17	59.73	0.66	17.00	40.00	25.00	40.00
9.200	12.06	4.00	13.15	1.07	0.22	0.07	36.81	1.14	17.00	40.00	25.00	40.00
9.200	12.74	2.00	13.70	0.96	0.31	0.00	60.83	0.99	17.00	40.00	25.00	40.00
10.100	12.71	4.00	13.31	0.60	0.01	0.14	24.10	1.24	23.00	50.00	30.00	60.00
10.100	13.38	4.00	13.86	0.48	0.01	0.15	17.72	1.85	23.00	50.00	30.00	60.00
10.000	12.80	4.00	13.37	0.57	0.06	0.01	22.53	1.03	69.62	50.00	30.00	60.00
10.000	13.44	4.00	13.91	0.47	0.04	0.00	17.40	1.01	23.00	50.00	30.00	60.00
11.000	13.45	4.00	13.51	0.06	0.08	0.05	4.68	2.20	233.38	60.00	30.00	60.00
11.000	13.57	2.00	14.14	0.57	0.20	0.03	22.94	0.87	33.00	60.00	30.00	60.00
12.000	13.49	2.00	13.53	0.04	0.02	0.00	6.23	0.87	222.19	60.00	30.00	60.00
12.000	13.84	2.00	14.27	0.44	0.12	0.01	44.19	0.72	51.51	60.00	30.00	60.00
13.000	13.79	2.00	13.95	0.16	0.38	0.04	10.36	0.78	156.90	40.00	30.00	55.00
13.000	14.79	4.00	14.95	0.16	0.65	0.03	8.48	2.28	58.07	40.00	30.00	55.00
13.100	13.83	4.00	13.98	0.15	0.04	0.00	9.98	1.02	158.90	40.00	30.00	55.00
13.100	14.85	4.00	14.98	0.13	0.03	0.01	7.31	1.08	63.93	40.00	30.00	55.00
14.100	13.09	2.00	14.77	1.66	0.03	0.77	96.38	0.32	16.00	30.00	20.00	30.00
14.100	14.19	2.00	15.79	1.66	0.03	0.76	102.81	0.27	16.00	30.00	20.00	30.00
14.200	13.53	2.00	15.21	1.68	0.44	0.0	98.46	0.99	26.47	30.00	20.00	30.00
14.200	14.73	4.00	16.27	1.54	0.44	0.04	92.48	1.05	30.00	30.00	20.00	30.00
15.100	15.65	4.00	15.70	0.05	0.00	0.49	1.75	7.49	132.60	40.00	30.00	40.00
15.100	16.65	4.00	16.72	0.04	0.00	0.45	1.15	8.97	87.53	40.00	30.00	40.00
15.000	15.66	4.00	15.71	0.05	0.01	0.00	1.75	1.00	132.86	40.00	30.00	40.00
15.000	16.66	4.00	16.72	0.04	0.00	0.00	1.15	1.00	87.40	40.00	30.00	40.00
16.000	15.98	2.00	16.11	0.17	0.36	0.04	5.73	0.55	331.70	100.00	30.00	100.00
16.000	16.92	2.00	17.11	0.19	0.34	0.04	5.93	0.44	55.74	100.00	30.00	100.00
17.000	16.30	2.00	17.01	0.72	0.74	0.16	27.48	0.46	57.65	60.00	30.00	100.00
17.000	17.31	2.00	17.95	0.64	0.70	0.14	25.60	0.48	22.29	60.00	30.00	100.00
17.100	16.10	2.00	17.63	1.53	0.21	0.40	56.64	0.70	17.00	60.00	30.00	100.00
17.100	17.33	2.00	18.29	0.96	0.15	0.16	46.86	0.74	17.00	60.00	30.00	100.00
18.100	15.67	4.00	17.93	2.05	0.03	0.27	61.62	0.96	17.00	30.00	20.00	30.00
18.100	17.25	4.00	18.40	1.15	0.02	0.09	26.88	1.32	17.00	30.00	20.00	30.00
18.200	17.10	4.00	18.32	1.22	0.13	0.25	29.18	1.46	17.00	30.00	20.00	30.00
18.200	17.43	4.00	18.51	1.06	0.08	0.02	24.57	1.05	17.00	30.00	20.00	30.00
19.100	17.39	2.00	18.40	1.01	0.02	0.06	42.36	0.83	18.00	80.00	30.00	80.00
19.100	17.66	2.00	18.58	0.92	0.02	0.05	40.77	0.78	18.00	80.00	30.00	80.00
19.000	17.72	4.00	18.57	0.85	0.12	0.05	30.78	1.17	40.91	80.00	30.00	80.00
19.000	17.86	4.00	18.73	0.85	0.14	0.02	36.82	1.05	18.00	80.00	30.00	80.00

		SECNO	CWSEL	THLEQ	EG	HV	HL	OLOSS	10K*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
		20.000	18.82	4.00	19.10	0.28	0.47	0.06	10.01	1.75	203.25	100.00	30.00	100.00
	I	20.000	19.05	4.00	19.71	0.56	0.96	0.02	26.88	1.17	20.00	100.00	30.00	100.00
		21.000	19.09	2.00	19.79	0.70	0.57	0.13	29.21	0.59	160.71	100.00	30.00	100.00
	J	21.000	19.88	2.00	20.59	0.71	0.86	0.01	32.54	0.91	23.00	100.00	30.00	100.00
		22.000	20.85	4.00	22.55	1.69	0.73	0.29	65.95	0.67	23.00	30.00	25.00	30.00
*		22.000	20.86	4.00	22.55	1.69	0.0	0.0	81.42	0.63	23.00	30.00	25.00	30.00
		23.000	26.46	4.00	27.43	0.97	4.88	0.0	33.19	1.41	17.00	30.00	25.00	30.00
*		23.000	26.46	4.00	27.43	0.97	4.88	0.0	33.19	1.57	17.00	30.00	25.00	30.00
		24.000	27.53	4.00	27.69	0.16	0.02	0.24	3.38	3.13	70.00	30.00	25.00	30.00
	K	24.000	27.50	4.00	27.69	0.19	0.03	0.23	4.85	2.62	50.93	30.00	25.00	30.00

00 YEAR FLOOD, STONY BR

SUMMARY PRINTOUT

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
	1.000	972.00	0.0	1034.00	0.0	74.24	0.36	3.41	0.51	6.36	0.0	241.64	0.0
	1.000	972.00	972.00	1034.00	1034.00	62.00	0.0	3.43	0.0	6.36	-0.00	233.32	0.00
	2.000	986.00	0.0	1050.00	0.0	78.62	0.0	5.86	0.32	7.34	0.0	138.98	0.0
	2.000	986.00	986.00	1050.00	1050.00	63.12	0.0	5.83	0.0	7.34	0.01	137.20	0.00
*	3.000	989.00	0.0	1005.00	0.0	67.32	2.73	9.61	1.95	8.82	0.0	133.96	0.0
*	3.000	989.00	967.00	1005.00	1027.00	60.00	2.96	9.64	1.96	8.80	-0.02	131.50	-0.01
	4.000	991.00	0.0	1020.00	0.0	190.94	1.36	4.15	0.48	9.97	0.0	338.83	0.0
	4.000	991.00	991.00	1020.00	1020.00	29.00	0.0	5.22	0.0	9.83	-0.14	153.36	0.06
	5.000	992.00	0.0	1013.00	0.0	134.39	1.39	5.40	0.42	10.13	0.0	229.87	0.0
*	5.000	992.00	992.00	1013.00	1013.00	21.00	0.0	6.35	0.0	10.14	0.01	126.04	0.25
	5.100	992.00	0.0	1013.00	0.0	71.82	0.76	7.77	0.0	9.99	0.0	114.19	0.0
	5.100	992.00	992.00	1013.00	1013.00	21.00	0.0	7.62	0.0	10.14	0.15	105.04	0.13
	6.100	987.00	0.0	1011.00	0.0	144.78	1.75	5.20	1.43	10.74	0.0	198.77	0.0
	6.100	987.00	952.80	1011.00	1021.67	68.87	2.27	5.33	1.75	10.81	0.08	171.94	0.11
	6.200	987.00	0.0	1011.00	0.0	165.45	1.75	4.63	1.48	10.97	0.0	234.37	0.0
	6.200	987.00	933.66	1011.00	1043.92	110.26	2.09	4.29	1.85	11.14	0.17	236.35	0.12
	7.200	1000.00	0.0	1023.00	0.0	245.25	0.47	2.61	0.74	11.25	0.0	772.02	0.0
	7.200	1000.00	900.95	1023.00	1072.42	171.48	0.52	2.67	0.84	11.35	0.10	685.72	0.11
	7.100	1000.00	0.0	1023.00	0.0	245.40	0.47	2.60	0.74	11.25	0.0	774.13	0.0
	7.100	1000.00	1000.00	1023.00	1023.00	23.00	0.0	4.34	0.0	11.26	0.01	184.32	0.24
	7.000	989.00	0.0	1008.00	0.0	87.51	1.01	5.99	1.72	11.05	0.0	210.12	0.0
	7.000	989.00	989.00	1008.00	1008.00	19.00	0.0	7.32	0.0	11.05	-0.01	109.35	0.36
	8.000	990.00	0.0	1010.00	0.0	63.19	1.34	6.42	1.05	11.81	0.0	176.70	0.0
	8.000	990.00	960.00	1010.00	1010.00	20.00	0.0	6.45	0.0	12.45	0.64	123.96	0.71
	8.100	990.00	0.0	1010.00	0.0	20.00	0.0	7.21	0.0	11.80	0.0	110.93	0.0
	8.100	990.00	990.00	1010.00	1010.00	20.00	0.0	6.32	0.0	12.58	0.78	126.51	0.59
	9.100	993.00	0.0	1010.00	0.0	17.00	0.0	9.13	0.0	11.57	0.0	87.59	0.0
	9.100	993.00	993.00	1010.00	1010.00	17.00	0.0	7.87	0.0	12.43	0.85	101.60	0.52
	9.200	993.00	0.0	1010.00	0.0	17.00	0.0	8.30	0.0	12.08	0.0	96.39	0.0
	9.200	993.00	993.00	1010.00	1010.00	17.00	0.0	7.87	0.0	12.74	0.66	101.60	0.55
	10.100	993.00	0.0	1016.00	0.0	23.00	0.0	6.22	0.0	12.71	0.0	128.68	0.0
	10.100	993.00	993.00	1016.00	1016.00	23.00	0.0	5.55	0.0	13.38	0.67	144.21	0.55
A	10.000	993.00	0.0	1016.00	0.0	69.62	0.39	6.10	0.40	12.80	0.0	139.65	0.0
	10.000	993.00	993.00	1016.00	1016.00	23.00	0.0	5.50	0.0	13.44	0.64	145.37	0.53
B	11.000	995.00	0.0	1011.00	0.0	233.38	0.0	2.76	0.97	13.45	0.0	598.64	0.0
	11.000	995.00	978.00	1011.00	1028.00	33.00	0.0	6.16	1.35	13.57	0.12	147.22	0.63

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
	12.000	990.00	0.0	1010.00	0.0	222.19	0.17	2.51	1.28	13.49	0.0	575.18	0.0
C	12.000	990.00	990.00	1010.00	1050.00	51.51	0.0	6.68	3.27	13.84	0.35	180.84	0.75
	13.000	993.00	0.0	1006.00	0.0	156.90	2.09	4.14	0.82	13.79	0.0	317.45	0.0
D	13.000	993.00	947.93	1006.00	1006.00	58.07	2.46	3.77	0.0	14.79	1.01	269.28	1.00
	13.100	993.00	0.0	1006.00	0.0	158.90	2.07	4.08	0.82	13.83	0.0	323.04	0.0
	13.100	993.00	942.07	1006.00	1006.00	63.93	2.30	3.51	0.0	14.85	1.02	291.94	1.00
	14.100	992.00	0.0	1008.00	0.0	16.00	0.0	10.42	0.0	13.09	0.0	76.60	0.0
	14.100	992.00	992.00	1008.00	1008.00	16.00	0.0	10.42	0.0	14.10	1.01	76.80	1.01
	14.200	992.00	0.0	1008.00	0.0	26.47	0.0	10.42	0.0	13.53	0.0	76.80	0.0
	14.200	992.00	955.00	1008.00	1015.00	30.00	7.04	10.10	2.98	14.73	1.20	85.00	1.06
	15.100	990.00	0.0	1011.00	0.0	132.60	1.40	2.23	0.89	15.65	0.0	507.95	0.0
	15.100	990.00	952.69	1011.00	1040.43	87.53	1.32	1.95	0.94	16.68	1.03	544.47	1.01
	15.000	990.00	0.0	1011.00	0.0	132.88	1.40	2.22	0.88	15.66	0.0	509.10	0.0
E	15.000	990.00	952.93	1011.00	1040.36	87.40	1.32	1.95	0.94	16.68	1.02	544.45	1.01
	16.000	986.00	0.0	1012.00	0.0	331.70	0.64	3.72	0.46	15.94	0.0	512.25	0.0
F	16.000	986.00	986.00	1012.00	1041.74	55.74	0.0	3.68	0.77	16.92	0.98	298.71	1.00
	17.000	993.00	0.0	1010.00	0.0	57.65	2.99	7.52	1.04	16.30	0.0	163.93	0.0
G	17.000	993.00	967.11	1010.00	1010.00	22.29	3.82	6.78	0.0	17.31	1.01	131.20	0.94
	17.100	993.00	0.0	1010.00	0.0	17.00	0.0	9.91	0.0	16.10	0.0	80.72	0.0
	17.100	993.00	993.00	1010.00	1010.00	17.00	0.0	7.88	0.0	17.33	1.23	101.56	0.66
	18.100	993.00	0.0	1010.00	0.0	17.00	0.0	11.53	0.0	15.87	0.0	69.41	0.0
*	18.100	993.00	993.00	1010.00	1010.00	17.00	0.0	8.61	0.0	17.25	1.38	92.92	0.47
	18.200	993.00	0.0	1010.00	0.0	17.00	0.0	8.86	0.0	17.10	0.0	90.26	0.0
	18.200	993.00	993.00	1010.00	1010.00	17.00	0.0	8.34	0.0	17.43	0.33	95.94	0.19
	19.100	992.00	0.0	1010.00	0.0	18.00	0.0	8.06	0.0	17.39	0.0	99.29	0.0
	19.100	992.00	992.00	1010.00	1010.00	18.00	0.0	7.69	0.0	17.66	0.27	103.99	0.18
	19.000	992.00	0.0	1010.00	0.0	40.91	1.13	7.48	0.76	17.72	0.0	120.25	0.0
H	19.000	992.00	992.00	1010.00	1010.00	16.00	0.0	7.41	0.0	17.88	0.16	107.89	0.16
	20.000	990.00	0.0	1010.00	0.0	203.25	0.98	4.95	0.63	18.82	0.0	420.12	0.0
I	20.000	990.00	990.00	1010.00	1010.00	20.00	0.0	6.52	0.0	19.05	0.24	122.63	0.62
	21.000	985.00	0.0	1008.00	0.0	160.71	1.08	7.10	0.85	19.09	0.0	200.56	0.0
J	21.000	985.00	985.00	1008.00	1008.00	23.00	0.0	6.75	0.0	19.88	0.79	118.50	0.80
*	22.000	985.00	0.0	1008.00	0.0	23.00	0.0	10.43	0.0	20.85	0.0	76.67	0.0
*	22.000	985.00	958.00	1008.00	1006.00	23.00	0.0	10.42	0.0	20.86	0.00	76.78	-0.00
*	23.000	992.00	0.0	1009.00	0.0	17.00	0.0	7.90	0.0	26.46	0.0	101.29	0.0
*	23.000	992.00	0.0	1009.00	0.0	17.00	0.0	7.90	0.0	26.46	0.0	101.29	0.0
	24.000	996.00	0.0	1021.00	0.0	70.00	1.95	3.62	1.69	27.53	0.0	282.12	0.0
K	24.000	996.00	970.07	1021.00	1021.00	50.93	2.47	3.78	0.0	27.50	-0.03	242.38	-0.00

SUMMARY OF ERRORS

00 YEAR FLOOD, " STONY BR

SUMMARY PRINTOUT

	SECNO	.01K	EGPRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLC
	1.000	278.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.000	269.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.000	93.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.000	93.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	3.000	76.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	3.000	76.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.000	236.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.000	167.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.000	168.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	5.000	133.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.100	101.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.100	103.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.100	121.95	0.0	0.0	0.0	0.0	0.0	10.50	8.10
	6.100	119.93	0.0	0.0	0.0	0.0	0.0	10.50	8.10
	6.200	140.51	0.0	0.0	0.0	0.0	0.0	10.50	8.10
	6.200	154.96	0.0	0.0	0.0	0.0	0.0	10.50	8.10
	7.200	535.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.200	529.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.100	240.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.100	255.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.000	184.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.000	133.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	8.000	150.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	8.000	151.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	8.100	133.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	8.100	155.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	9.100	115.31	0.0	0.0	0.0	0.0	0.0	16.00	12.40
	9.100	105.52	0.0	0.0	0.0	0.0	0.0	16.00	12.40
	9.200	131.86	0.0	0.0	0.0	0.0	0.0	16.00	12.40
	9.200	102.57	0.0	0.0	0.0	0.0	0.0	16.00	12.40
	10.100	162.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10.100	190.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A	10.000	166.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A	10.000	191.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B	11.000	369.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	11.000	167.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	SECNO	.01K	EGPRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLC
	12.000	320.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C	12.000	120.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.000	246.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D	13.000	274.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.100	253.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.100	295.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14.100	81.49	0.0	0.0	0.0	0.0	0.0	16.60	11.20
	14.100	78.90	0.0	0.0	0.0	0.0	0.0	16.60	11.20
	14.200	80.62	0.0	0.0	0.0	0.0	0.0	13.40	11.20
	14.200	93.19	0.0	0.0	0.0	0.0	0.0	13.40	11.20
	15.100	603.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.100	745.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	15.000	605.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.000	741.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	16.000	334.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	16.000	328.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.000	152.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.000	158.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.100	106.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.100	116.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	18.100	101.75	0.0	0.0	0.0	0.0	0.0	24.70	20.30
	18.100	154.20	0.0	0.0	0.0	0.0	0.0	24.70	20.30
	18.200	148.11	0.0	0.0	0.0	0.0	0.0	17.30	20.30
	18.200	168.36	0.0	0.0	0.0	0.0	0.0	17.30	20.30
	19.100	122.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.100	125.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.000	144.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.000	131.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	20.000	252.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L	20.000	154.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	21.000	146.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	21.000	140.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	22.000	96.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	22.000	98.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	23.000	138.97	24.33	27.43	0.0	0.0	800.00	39.20	27.20
*	23.000	138.97	24.34	27.43	0.0	0.0	800.00	39.20	27.20
	24.000	435.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K	24.000	363.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0

00 YEAR FLOOD, STONY BR

SUMMARY PRINTOUT

	SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB	
	1.000	972.00	1034.00	1.00	5.36	0.0	2.36	796.70	0.94	0.36	3.41	0.51	
	1.000	972.00	1034.00	1.00	5.36	0.0	0.0	800.00	0.0	0.0	3.43	0.0	
	2.000	986.00	1050.00	2.70	4.64	300.00	0.0	799.18	0.82	0.0	5.86	0.32	
	2.000	986.00	1050.00	2.70	4.64	300.00	0.0	800.00	0.0	0.0	5.83	0.0	
*	3.000	989.00	1005.00	4.40	4.42	50.00	75.62	648.64	75.74	2.73	9.61	1.95	
*	3.000	989.00	1005.00	4.40	4.40	50.00	77.34	647.74	74.92	2.96	9.64	1.96	
	4.000	991.00	1020.00	3.60	6.37	50.00	89.19	655.58	55.23	1.36	4.15	0.48	
	4.000	991.00	1020.00	3.60	6.23	50.00	0.0	800.00	0.0	0.0	5.22	0.0	
	5.000	992.00	1013.00	1.00	9.13	140.00	111.65	678.25	10.10	1.39	5.40	0.42	
*	5.000	992.00	1013.00	1.00	9.14	140.00	0.0	800.00	0.0	0.0	6.35	0.0	
	5.100	992.00	1013.00	2.00	7.99	30.00	9.49	790.51	0.0	0.76	7.77	0.0	
	5.100	992.00	1013.00	2.00	8.14	30.00	0.0	800.00	0.0	0.0	7.62	0.0	
	6.100	987.00	1011.00	2.40	8.34	5.00	78.40	691.49	30.11	1.75	5.20	1.43	
	6.100	987.00	1011.00	2.40	8.41	5.00	68.76	719.32	11.92	2.27	5.33	1.75	
	6.200	987.00	1011.00	2.40	8.57	30.00	110.21	640.99	48.80	1.75	4.63	1.46	
	6.200	987.00	1011.00	2.40	8.74	30.00	128.92	611.74	59.34	2.09	4.29	1.85	
	7.200	1000.00	1023.00	2.50	8.75	5.00	202.85	479.92	117.23	0.47	2.61	0.74	
	7.200	1000.00	1023.00	2.50	8.85	5.00	193.50	498.20	108.30	0.52	2.67	0.84	
	7.100	1000.00	1023.00	2.50	8.75	40.00	202.98	479.35	117.66	0.47	2.60	0.74	
	7.100	1000.00	1023.00	2.50	8.76	40.00	0.0	800.00	0.0	0.0	4.34	0.0	
	7.000	989.00	1008.00	2.70	8.35	70.00	41.18	655.84	102.98	1.01	5.99	1.72	
	7.000	989.00	1008.00	2.70	8.35	70.00	0.0	800.00	0.0	0.0	7.32	0.0	
	8.000	990.00	1010.00	6.00	5.81	370.00	85.20	712.77	2.03	1.34	6.42	1.05	
	8.000	990.00	1010.00	6.00	6.45	370.00	0.0	800.00	0.0	0.0	6.45	0.0	
	8.100	990.00	1010.00	6.00	5.80	35.00	0.0	800.00	0.0	0.0	7.21	0.0	
	8.100	990.00	1010.00	6.00	6.58	35.00	0.0	800.00	0.0	0.0	6.32	0.0	
	9.100	993.00	1010.00	5.90	5.67	5.00	0.0	800.00	0.0	0.0	9.13	0.0	
	9.100	993.00	1010.00	5.90	6.53	5.00	0.0	800.00	0.0	0.0	7.87	0.0	
	9.200	993.00	1010.00	5.90	6.18	52.00	0.0	800.00	0.0	0.0	8.30	0.0	
	9.200	993.00	1010.00	5.90	6.84	52.00	0.0	800.00	0.0	0.0	7.87	0.0	
	10.100	993.00	1016.00	4.80	7.91	5.00	0.0	800.00	0.0	0.0	6.22	0.0	
	10.100	993.00	1016.00	4.80	8.58	5.00	0.0	800.00	0.0	0.0	5.55	0.0	
A	10.000	993.00	1016.00	4.80	8.00	25.00	0.09	796.42	3.49	0.39	6.10	0.40	
	10.000	993.00	1016.00	4.80	8.66	25.00	0.0	800.00	0.0	0.0	5.50	0.0	
B	11.000	995.00	1011.00	5.50	7.95	100.00	0.0	339.54	460.46	0.0	2.76	0.97	
	11.000	995.00	1011.00	5.50	8.07	100.00	0.0	769.77	30.23	0.0	6.16	1.35	

	SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
	12.000	990.00	1010.00	5.60	7.89	35.00	0.70	143.53	655.77	0.17	2.51	1.28
C	12.000	990.00	1010.00	5.60	8.24	35.00	0.0	408.12	391.88	0.0	6.68	3.27
	13.000	993.00	1006.00	6.50	7.29	455.00	387.72	378.94	33.34	2.09	4.14	0.82
D	13.000	993.00	1006.00	6.50	8.29	455.00	405.84	394.16	0.0	2.46	3.77	0.0
	13.100	993.00	1006.00	6.50	7.33	35.00	390.21	375.02	34.76	2.07	4.08	0.82
	13.100	993.00	1006.00	6.50	8.35	35.00	429.93	370.07	0.0	2.30	3.51	0.0
	14.100	992.00	1008.00	6.10	6.99	5.00	0.0	800.00	0.0	0.0	10.42	0.0
	14.100	992.00	1008.00	6.10	8.00	5.00	0.0	800.00	0.0	0.0	10.42	0.0
	14.200	992.00	1008.00	6.10	7.43	45.00	0.0	800.00	0.0	0.0	10.42	0.0
	14.200	992.00	1008.00	6.10	8.53	45.00	12.65	775.32	12.03	3.04	10.10	2.98
	15.100	990.00	1011.00	7.00	8.65	5.00	307.31	393.17	99.52	1.40	2.23	0.89
	15.100	990.00	1011.00	7.00	9.68	5.00	308.60	385.70	105.69	1.32	1.95	0.94
	15.000	990.00	1011.00	7.00	8.66	40.00	307.37	392.78	99.86	1.40	2.22	0.88
F	15.000	990.00	1011.00	7.00	9.68	40.00	308.57	385.78	105.65	1.32	1.95	0.94
	16.000	986.00	1012.00	9.00	6.94	975.00	29.93	634.30	135.76	0.64	3.72	0.46
F	16.000	986.00	1012.00	9.00	7.92	975.00	0.0	721.25	78.75	0.0	3.68	0.77
	17.000	993.00	1010.00	11.10	5.26	445.00	131.14	631.13	37.73	2.99	7.52	1.04
A	17.000	993.00	1010.00	11.10	6.21	445.00	114.90	685.10	0.0	3.82	6.78	0.0
	17.100	993.00	1010.00	11.10	5.00	50.00	0.0	800.00	0.0	0.0	9.91	0.0
	17.100	993.00	1010.00	11.10	6.23	50.00	0.0	800.00	0.0	0.0	7.88	0.0
*	18.100	993.00	1010.00	11.70	4.17	5.00	0.0	800.00	0.0	0.0	11.53	0.0
	18.100	993.00	1010.00	11.70	5.55	5.00	0.0	800.00	0.0	0.0	8.61	0.0
	18.200	993.00	1010.00	11.70	5.40	33.00	0.0	800.00	0.0	0.0	8.86	0.0
	18.200	993.00	1010.00	11.70	5.73	33.00	0.0	800.00	0.0	0.0	8.34	0.0
	19.100	992.00	1010.00	9.50	7.09	5.00	0.0	800.00	0.0	0.0	8.06	0.0
	19.100	992.00	1010.00	9.50	8.10	5.00	0.0	800.00	0.0	0.0	7.69	0.0
	19.000	992.00	1010.00	9.50	8.22	35.00	8.31	785.72	5.97	1.13	7.48	0.76
L	19.000	992.00	1010.00	9.50	8.58	35.00	0.0	800.00	0.0	0.0	7.41	0.0
	20.000	990.00	1010.00	12.50	6.32	310.00	72.86	583.49	143.66	0.98	4.95	0.63
L	20.000	990.00	1010.00	12.50	6.55	310.00	0.0	800.00	0.0	0.0	6.52	0.0
	21.000	985.00	1008.00	14.30	4.79	290.00	11.59	712.93	75.47	1.02	7.10	0.85
J	21.000	985.00	1008.00	14.30	5.98	290.00	0.0	800.00	0.0	0.0	6.75	0.0
*	22.000	985.00	1008.00	17.10	3.76	110.00	0.0	800.00	0.0	0.0	10.43	0.0
*	22.000	985.00	1008.00	17.10	5.76	110.00	0.0	800.00	0.0	0.0	10.42	0.0
*	23.000	992.00	1009.00	20.50	5.96	315.00	0.0	800.00	0.0	0.0	7.90	0.0
*	23.000	992.00	1009.00	20.50	5.96	315.00	0.0	800.00	0.0	0.0	7.90	0.0
	24.000	996.00	1021.00	20.20	7.33	30.00	184.91	559.16	55.92	1.95	3.62	1.69
K	24.000	996.00	1021.00	20.20	7.30	30.00	218.99	581.01	0.0	2.47	3.76	0.0

```
 CAUTION  SECNO=     3.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=     3.000  PROFILE= 1  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=     3.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=     3.000  PROFILE= 2  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=     5.000  PROFILE= 2  WSEL ASSUMED BASED ON MIN DIFF

 CAUTION  SECNO=    18.100  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=    18.100  PROFILE= 1  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=    22.000  PROFILE= 1  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=    22.000  PROFILE= 1  MINIMUM SPECIFIC ENERGY
 CAUTION  SECNO=    22.000  PROFILE= 2  CRITICAL DEPTH ASSUMED
 CAUTION  SECNO=    22.000  PROFILE= 2  MINIMUM SPECIFIC ENERGY

 CAUTION  SECNO=    23.000  PROFILE= 1  HYDRAULIC JUMP D.S.
 CAUTION  SECNO=    23.000  PROFILE= 2  HYDRAULIC JUMP D.S.
```

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01,02
  MODIFICATION -  50,51,52,53
**********************************************
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```
77777777777     00000000          444       2222222222
77777777777     0000000000       4444      222222222222
77       77     00        00      44  44     22          22
       77       00        00     44   44                 22
      77        00        00    44    44                 22
     77         00        00   44444444444             22
     77         00        00  444444444444           22
     77         00        00          44          22
     77         00        00          44        22
     77         00        00          44      22
     77          0000000000          44      222222222222
     77           00000000           44      222222222222
```

VS1 END JOB 7042 BACKH201 07/26/78 16.29.43 1,818 LINES PRINTED

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777777777777  777777777777   2222222222        444
777777777777  777777777777   222222222222      4444
77      77    77      77     22        22     44 44
      77            77                 22    44  44
     77            77                 22   44   44
    77            77                 22   44444444444
    77            77              22     444444444444
    77            77            22              44
    77            77          22                44
    77            77        22                  44
    77            77      222222222222          44
    77            77      222222222222          44
```

VSA START JOB 7724 BACKH201 07/31/78 09.52.55 999-208-011 A-STD

2) Fiduciary
Upper Entry

Sub

```
*****************************************************************************
*                                                                           *
*                BROWN UNIVERSITY COMPUTER CENTER -- OS/VSI RELEASE 0.0E    *
*                                                                           *
*    LAST UPDATED: JULY 20, 1978                                            *
*                                                                           *
*                    WE ARE NOW TESTING RELEASE 0.0E OF OS/VSI              *
*                   PLEASE REPORT ANY PROBLEMS TO USER SERVICES             *
*                                                                           *
*          COPIES OF GENERAL NOTICE 33 ANNOUNCING AUGUST CONVERSION TO VM/CMS *
*                       ARE AVAILABLE AT THE COMPUTER CENTER.               *
*                                                                           *
*                  TM 29 AND TM 37 CAN BE OBTAINED THROUGH CMSBATCH         *
*                       SEE GENERAL NOTICE 32 FOR DETAILS.                  *
*                                                                           *
*              NOW TESTING A NEW FIX RELEASE OF PL/I OPTIMIZING COMPILER.   *
*              THIS RELEASE SHOULD FIX PROBLEMS WITH THE SELECT STATEMENT.  *
*                                                                           *
*****************************************************************************
```

```
//BACKH201 JOB (999208011),'AL CAV',TIME=5,PRTY=5                                J7724
LOG 09.25.34 XEQ  BACKH201 999208-011      5 A 05 AL CAV                          J7724
LOG 0001 09.25.34 XEQ  BACKH201 999208-011      5 A 05 AL CAV
LOG 09.28.59 END  BACKH201 J7724
LOG 0001 09.28.59 END  BACKH201 J7724
//STO EXEC PGM=HEC2,REGION=100K
//STEPLIB DD DSN=SYS3.P999208.0000.LIBRARY2,DISP=SHR
//FT06F001 DD SYSOUT=A,OUTLIM=10000
//FT07F001 DD SYSOUT=B
//FT21F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT21,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT22F001 DD SPACE=(3059,(1000,500)),UNIT=SYSDA,
//            DSN=&&HEC2F22,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT23F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT23,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT24F001 DD  SPACE=(3059,(5,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT24,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT25F001 DD SPACE=(3156,(2000,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT25,
//            DCB=(RECFM=VBS,LRECL=804,BLKSIZE=3156)
//FT26F001 DD SPACE=(3059,(90,20)),UNIT=SYSDA,
//            DSN=&&HEC2FT26,
//            DCB=(RECFM=FB,LRECL=133,BLKSIZE=3059)
//FT05F001 DD *
//
IEF236I ALLOC. FOR BACKH201 STO
IEF237I 15A    ALLOCATED TO STEPLIB
IEF237I 15B    ALLOCATED TO FT21F001
IEF237I 15C    ALLOCATED TO FT22F001
IEF237I 159    ALLOCATED TO FT23F001
IEF237I 15B    ALLOCATED TO FT24F001
IEF237I 15C    ALLOCATED TO FT25F001
IEF237I 15B    ALLOCATED TO FT26F001
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS3.P999208.0000.LIBRARY2                          KEPT
IEF285I   VOL SER NOS= USER01.
IEF285I   SYS78212.T092532.RF102.BACKH201.HEC2FT21            DELETED
IEF285I   VOL SER NOS= USER02.
IEF285I   SYS78212.T092532.RF102.BACKH201.HEC2F22             DELETED
IEF285I   VOL SER NOS= USER03.
IEF285I   SYS78212.T092532.RF102.BACKH201.HEC2FT23            DELETED
IEF285I   VOL SER NOS= VS1LIB.
IEF285I   SYS78212.T092532.RF102.BACKH201.HEC2FT24            DELETED
IEF285I   VOL SER NOS= USER02.
IEF285I   SYS78212.T092532.RF102.BACKH201.HEC2FT25            DELETED
IEF285I   VOL SER NOS= USER03.
IEF285I   SYS78212.T092532.RF102.BACKH201.HEC2FT26            DELETED
IEF285I   VOL SER NOS= VS1RES.
IEF373I STEP /STO      / START 78212.0925
IEF374I STEP /STO      / STOP  78212.0928 CPU    1MIN 15.97SEC STOR VIRT 444K
    I/O COUNTS:
    15A          0
    15B         26
    15C          4
    159          4
    15B          0
```

```
 15C          17
 158          0
IEF2981  BACKH201 SYSOUT=A.
IEF3751  JOB /BACKH201/ START 78212.0925
IEF3761  JOB /BACKH201/ STOP  78212.0928 CPU   1MIN 15.97SEC
    (999-208-011)          51 I/O EVENTS.  EXECUTION COST =      $2.92 (PRTY 05)
                          228 CARDS READ
```

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**************************************************
 HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
 ERROR CORR. -  01,02
 MODIFICATION -  50,51,52,53
**************************************************

T1       FLOOD  INSURANCE  STUDY
T2       DARIEN,  CONN.
T3       100 YEAR FLOOD, UPPER STONY BROOK
J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       4.         0.         0.  0.007000        0.0        0.0        0.     60.000      0.0
J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLOC      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
     38.000     1.000    62.000     3.000    10.000    11.000    12.000     5.000    58.000     4.000
     16.000    17.000    18.000     0.0      38.000    21.000    22.000    42.000     6.000    39.000
     13.000    14.000    15.000    55.000    26.000    56.000     0.0      36.000    34.000    44.000
     45.000    48.000    46.000    47.000    40.000    41.000     0.0      35.000    21.000    27.000
     22.000    28.000     4.000    55.000    26.000    56.000     1.000    50.000    25.000    61.000
J6  IHLEQ      ICOPY
        1.000      0.0        0.0        0.0        0.0        0.0        0.0        0.0        0.0        0.0
NC      0.080      0.085      0.039      0.100      0.300      0.0        0.0        0.0        0.0        0.0
QT      5.000    312.000    450.000    538.000    807.000    538.000      0.0        0.0        0.0        0.0
ET      0.0        0.0        0.0        0.0        0.0       10.600      0.0        0.0        0.0        0.0
X1     25.000     13.000    992.000   1011.000      0.0        0.0        0.0        0.0        0.0        0.0
GR     68.000    790.000     64.000    940.000     60.000    975.000     57.100    992.000     55.800    995.000
GR     55.400   1000.000     57.100   1009.000     58.900   1011.000     59.100   1022.000     60.900   1027.000
GR     61.300   1050.000     68.000   1070.000     74.700   1100.000      0.0        0.0        0.0        0.0
X1     25.100      0.0        0.0        0.0      150.000    150.000    150.000      0.0        1.500      0.0
X1     25.200      0.0        0.0        0.0      150.000    150.000    150.000      0.0        1.500      0.0
NC      0.100      0.100      0.040      0.0        0.0        0.0        0.0        0.0        0.0        0.0
X1     26.000     16.000   1000.000   1010.000    290.000    230.000    280.000      0.0        0.0        0.0
GR     74.900    750.000     74.000    825.000     70.700    690.000     70.200    940.000     70.000    970.000
GR     65.000    980.000     61.500    985.000     61.000   1000.000     61.500   1010.000     62.800   1012.000
GR     65.000   1020.000     68.200   1067.000      [illegible]  1120.000     67.500   1235.000     72.300   1360.000
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**********                    ******************************
 HEC2 RELEASED      NOV 76 UPDATED  AUG1977
 ERROR CORR
  MODIFICATION      ,51,52,53
**********                    ******************************

T1       FLOOD  INSURANCE  STUDY
T2       DARIEN,  CONN.
T3       100 YEAR FLOOD, UPPER STONY BROOK
J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
        0.       4.       0.       0.  0.007000    0.0      0.0      0.      60.000   0.0
J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLOC    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
     38.000    1.000   62.000    3.000   10.000   11.000   12.000    5.000   58.000    4.000
     16.000   17.000   18.000    0.0     38.000   21.000   22.000   42.000    6.000   39.000
     13.000   14.000   15.000   55.000   26.000   56.000    0.0     38.000   34.000   44.000
     45.000   48.000   46.000   47.000   40.000   41.000    0.0     38.000   21.000   27.000
     22.000   28.000    4.000   55.000   26.000   56.000    1.000   50.000   25.000   61.000
J6  IHLEG     ICOPY
    1.000      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
                                                                                      0.0      0.0
                                                                                      0.0      0.0
NC    0.080    0.085    0.039    0.100    0.300    0.0      0.0      0.0      0.0      0.0
QT    5.000  312.000  450.000  538.000  807.000  538.000    0.0      0.0      0.0      0.0
ET    0.0      0.0      0.0      0.0      0.0     10.600    0.0      0.0      0.0      0.0
                                                                                      0.0      0.0
X1   25.000   13.000  992.000 1011.000    0.0      0.0      0.0      0.0      0.0    995.000
GR   68.000  790.000   64.000  940.000   60.000  975.000   57.100  992.000   55.800 1027.000
GR   55.400 1000.000   57.100 1009.000   58.900 1011.000   59.100 1022.000   60.900    0.0
GR   61.300 1055.000   68.000 1070.000   74.700 1100.000    0.0      0.0      0.0      0.0
X1   25.100    0.0      0.0      0.0    150.000  150.000  150.000    0.0      1.500    0.0
X1   25.200    0.0      0.0      0.0    150.000  150.000  150.000    0.0      1.500    0.0
NC    0.100    0.100    0.040    0.0      0.0      0.0      0.0      0.0      0.0      0.0
                                                                                      0.0      0.0
X1   26.000   16.000 1000.000 1010.000  290.000  230.000  250.000    0.0      0.0    970.000
GR   74.900  750.000   74.000  825.000   70.700  890.000   70.200  940.000   70.000 1012.000
GR   65.000  980.000   61.500  985.000   61.000 1000.000   61.500 1010.000   62.800 1360.000
GR   65.000 1020.000   65.200 1007.000    6     1120.000   67.500 1235.000   72.300
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GR	75.100	1410.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	30.200	0.0				
X1	26.100	0.0	0.0	0.0	60.000	60.000	60.000	0.0	1.500	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	76.000	76.000	0.0	
SB	0.0	1.400	2.500	300.000	8.000	0.0	60.000	0.0	62.500	63.500	
NC	0.100	0.080	0.040	0.0	0.0	0.0	0.0	0.0	0.5	0.0	
ET	0.0	0.0	0.0	0.0	0.0	30.200	0.0	0.0	0.0	0.0	
X1	28.100	10.000	990.000	1005.000	61.000	61.000	61.000	0.0	-0.800	0.0	
X2	0.0	0.0	1.000	70.700	78.500	0.0	0.0	78.500	78.500	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.000	935.000	
GR	80.000	818.000	73.000	845.000	73.000	865.000	71.100	920.000	65.300	1011.000	
GR	67.800	967.000	67.000	989.000	64.700	990.000	64.300	1005.000	74.600	1120.000	
GR	68.400	1015.000	68.000	1040.000	70.500	1065.000	70.900	1090.000	0.0	0.0	
GR	85.000	1155.000	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	10.600	0.0				
X1	28.000	0.0	0.0	0.0	90.000	80.000	85.000	0.0	0.800	0.0	
X1	29.000	15.000	990.000	1010.000	400.000	400.000	400.000	0.0	0.0	0.0	
GR	86.700	780.000	84.600	840.000	79.200	925.000	75.000	965.000	70.400	990.000	
GR	68.500	992.000	65.000	1000.000	69.000	1008.000	70.400	1010.000	74.700	1060.000	
GR	74.800	1123.000	74.000	1280.000	75.000	1325.000	76.300	1415.000	80.200	1490.000	
X1	29.100	0.0	0.0	0.0	45.000	35.000	40.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	74.000	74.000	0.0	
X1	30.100	20.000	991.000	1009.000	5.000	5.000	5.000	0.0	0.0	0.0	
BT	5.000	991.000	81.800	69.600	994.000	61.800	74.700	1000.000	81.800	76.000	
BT	1006.000	81.700	74.200	1009.000	81.700	69.900	0.0	0.0	0.0	0.0	
GR	90.700	755.000	90.000	790.000	80.500	930.000	80.000	952.000	78.700	984.000	
GR	81.800	984.000	81.800	990.000	69.600	991.000	69.500	994.000	69.100	1000.000	
GR	69.700	1006.000	69.900	1009.000	81.700	1010.000	81.700	1016.000	77.800	1015.000	
GR	77.300	1029.000	76.000	1090.000	75.300	1172.000	75.400	1270.000	80.100	1580.000	
X1	30.200	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0	
X2	0.0	0.0	0.0	76.000	75.300	0.0	1.000	0.0	0.0	0.0	
NC	0.100	0.100	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
X1	31.100	17.000	992.000	1010.000	5.000	5.000	5.000	0.0	0.0	0.0	
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	75.300	75.300	0.0	
GR	90.000	790.000	80.500	920.000	80.000	940.000	73.900	970.000	74.500	967.000	
GR	69.700	992.000	68.600	996.000	68.600	1005.000	69.500	1010.000	72.500	1017.000	
GR	73.300	1028.000	73.200	1049.000	74.100	1090.000	75.000	1195.000	75.000	1325.000	
GR	76.100	1380.000	79.400	1570.000	0.0	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	20.200	0.0	0.0	0.0	0.0	
X1	31.000	0.0	0.0	0.0	15.000	50.000	45.000	0.0	0.0	0.0	
NC	0.090	0.050	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	10.600	0.0	0.0	0.0	0.0	
X1	32.000	11.000	995.000	1005.000	550.000	300.000	600.000	0.0	0.0	0.0	
GR	75.500	711.000	75.500	930.000	75.000	988.000	73.300	995.000	71.000	995.000	
GR	70.000	1000.000	73.300	1005.000	74.500	1065.000	76.100	1160.000	76.500	1205.000	
GR	79.500	1275.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NC	0.100	0.070	0.040	0.0		0.0	0.0	0.0	0.0	0.0	

								0.0	0.0	0.0
X1	33.000	14.000	992.000	1010.000	500.000	750.000	720.000	992.000	74.000	993.000
GR	81.500	890.000	80.300	945.000	78.500	956.000	77.200	1010.000	78.000	1019.000
GR	73.000	995.000	72.000	1000.000	74.100	1007.000	76.800	1282.000	0.0	0.0
GR	77.700	1036.000	70.000	1090.000	62.500	1225.000	83.000	0.0	0.0	0.0
NC	0.045	0.040	0.040	0.0	0.0	0.0	0.0			
								0.0	0.0	0.0
X1	34.000	13.000	994.000	1007.000	340.000	370.000	360.000	0.0	82.500	972.000
GR	96.500	700.000	83.500	763.000	86.000	895.000	82.900	960.000	82.500	1007.000
GR	82.500	986.000	82.400	994.000	81.200	998.000	81.300	1002.000	0.0	0.0
GR	83.100	1025.000	84.090	1055.000	95.000	1110.000	0.0	0.0	0.0	0.0
NC	0.050	0.065	0.040	0.0	0.0	0.0	0.0			
								0.0	0.0	0.0
X1	35.000	15.000	987.000	1013.000	240.000	230.000	235.000	0.0	85.500	960.000
GR	99.000	845.000	95.000	890.000	90.700	910.000	90.000	940.000	85.100	1013.000
GR	85.000	963.000	84.900	987.000	84.500	996.000	84.700	1005.000	103.500	1078.000
GR	85.400	1016.000	84.600	1030.000	66.400	1040.000	95.000	1050.000	0.0	0.0
NC	0.080	0.040	0.040	0.0	0.0	0.0	0.0	0.0		
								0.0	0.0	0.0
X1	36.000	13.000	989.000	1009.000	240.000	270.000	265.000	0.0	90.300	950.000
GR	103.500	772.000	100.000	805.000	95.000	840.000	92.500	875.000	89.200	1009.000
GR	89.100	955.000	86.700	989.000	87.900	993.000	87.900	1008.000	0.0	0.0
GR	88.500	1019.000	86.700	1039.000	105.000	1240.000	0.0	0.0		
								0.0	0.0	0.0
X1	37.000	16.000	992.000	1007.000	90.000	50.000	70.000	0.0	93.000	937.000
GR	101.500	745.000	95.000	810.000	95.000	835.000	93.500	875.000	87.000	1005.000
GR	90.000	975.000	89.500	992.000	87.000	994.000	86.000	1000.000	100.000	1160.000
GR	89.500	1007.000	99.000	1015.000	92.500	1035.000	97.000	1095.000	0.0	0.0
GR	105.000	1285.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.0	0.0	0.0	0.0	0.300	0.500	0.0			
								0.0	0.0	0.0
X1	37.100	0.0	0.0	0.0	40.000	25.000	35.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	91.200	91.200	
								0.0	0.0	0.0
X1	38.100	17.000	991.000	1008.000	4.000	4.000	4.000	0.0	93.000	91.000
BT	6.000	993.000	92.800	90.700	993.000	92.500	90.700	1000.000	91.200	0.0
BT	1007.000	93.300	91.200	1008.000	93.300	91.700	1008.000	93.300	92.500	975.000
GR	104.500	780.000	98.000	850.000	95.000	890.000	93.500	930.000	66.200	1007.000
GR	92.800	993.000	90.700	993.000	85.200	895.000	84.600	1000.000	97.500	1110.000
GR	91.200	1008.000	93.300	1008.000	93.600	1025.000	95.000	1052.000	0.0	0.0
GR	100.000	1195.000	101.500	1280.000	0.0	0.0	0.0	0.0		
								0.0	0.0	0.0
X1	38.200	0.0	0.0	0.0	14.000	14.000	14.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	91.200	92.500	0.0	1.000	0.0	0.0	0.0
NC	0.070	0.070	0.050	0.0	0.0	0.0	0.0	0.0		
								0.0	0.0	0.0
X1	39.100	16.000	991.000	1008.000	4.000	4.000	4.000	0.0	92.500	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	92.500	93.500	935.000
GR	104.500	800.000	100.000	820.000	96.000	860.000	95.000	905.000	86.000	1008.000
GR	90.000	970.000	89.500	988.000	86.000	991.000	85.400	1000.000	98.500	1140.000
GR	89.500	1015.000	90.000	1033.000	94.000	1045.000	95.000	1075.000	0.0	0.0
GR	100.500	1250.000	0.0	0.0	0.0	0.0	0.0	0.0		
								0.0	0.0	0.0
X1	39.000	0.0	0.0	0.0	55.000	45.000	50.000	0.0	0.0	0.0
NC	0.100	0.150	0.040	0.100	0.300	0.0	0.0			
								0.0	0.0	0.0
X1	43.000	17.000	977.000	1002.000		630.000	730.000			

	97.000	815.000	96.000	854.000	96.000	905.000	94.000	945.000	94.000	966.000
GR	91.000	977.000	89.400	984.000	91.000	1002.000	91.400	1021.000	98.000	1021.000
GR	95.000	1032.000	95.500	1140.000	96.000	1170.000	98.500	1232.000	99.000	1300.000
SR	101.000	1380.000	110.000	1440.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	0.0	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0
NC										
X1	43.100	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	96.000	96.000	0.0
NC	0.030	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								0.0	0.0	0.0
X1	44.100	16.000	991.000	1016.000	5.000	5.000	5.000	1000.000	97.500	94.900
BT	6.000	991.000	97.500	94.900	991.000	97.500	94.900	97.500	94.900	0.0
BT	1008.000	97.500	94.900	1016.000	97.500	94.900	1016.000	97.800	97.500	91.000
GR	105.000	415.000	99.500	615.000	98.500	615.000	97.800	925.000	97.500	1016.000
GR	89.100	991.000	86.900	1000.000	89.100	1008.000	90.400	1016.000	103.000	1415.000
GR	98.000	1080.000	98.800	1140.000	99.000	1205.000	100.300	1290.000	0.0	0.0
GR	105.000	1435.000	0.0	0.0	0.0	0.0	0.0	0.0		
X1	44.200	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	94.900	97.500	0.0	1.000	0.0	0.0	0.0
NC	0.120	0.120	0.040	0.0	0.0	0.0	0.0	0.0		
X1	45.100	15.000	985.000	1015.000	5.000	5.000	5.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	97.500	97.500	0.0
GR	105.000	430.000	103.000	502.000	100.000	540.000	98.500	585.000	99.500	640.000
GR	99.500	670.000	99.600	700.000	98.500	845.000	97.800	870.000	95.000	985.000
GR	90.800	990.000	90.800	1010.000	95.000	1015.000	97.500	1048.000	98.000	1270.000
NC	0.0	0.0	0.0	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	45.000	0.0	0.0	0.0	35.000	35.000	35.000	0.0	0.0	0.0
NC	0.085	0.040	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	46.000	15.000	990.000	1010.000	400.000	430.000	440.000	0.0	0.0	0.0
GR	105.000	545.000	103.000	585.000	100.500	665.000	100.000	865.000	96.500	880.000
GR	98.500	948.000	95.000	973.000	94.500	990.000	93.900	994.000	93.100	1000.000
GR	94.500	1010.000	95.000	1015.000	96.500	1078.000	98.500	1200.000	97.800	1285.000
NC	0.110	0.110	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	47.000	15.000	986.000	1010.000	350.000	440.000	400.000	0.0	0.0	0.0
GR	108.500	665.000	105.500	722.000	100.000	953.000	96.000	986.000	94.000	988.000
GR	94.000	1008.000	96.000	1010.000	98.500	1092.000	98.500	1230.000	100.000	1290.000
GR	100.000	1345.000	101.000	1420.000	103.500	1462.000	105.000	1555.000	105.000	1500.000
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	47.100	0.0	0.0	0.0	65.000	70.000	65.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	102.000	102.000	0.0
NC	0.030	0.030	0.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	48.100	15.000	984.000	1008.000	5.000	5.000	5.000	0.0	0.0	0.0
BT	5.000	984.000	103.500	102.900	984.000	103.500	102.900	1000.000	103.500	102.900
BT	1008.000	103.500	107.900	1008.000	103.500	102.900	0.0	0.0	0.0	0.0
GR	109.000	668.000	107.500	730.000	107.000	785.000	105.000	820.000	104.000	850.000
GR	103.500	915.000	103.500	984.000	96.300	984.000	95.500	1000.000	95.100	1006.000
GR	103.500	1006.000	105.500	1212.000	104.500	1248.000	105.000	1370.000	107.500	1500.000
X1	48.200	0.0	0.0	0.0	34.000	34.000	34.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	102.900	103.500	0.0	1.000	0.0	0.0	0.0
NC	0.110	0.110	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0

								0.0	0.0	0.0
					5.000	5.000	5.000	0.0	0.0	0.0
X1	49.000	17.000	992.000	1016.000	0.0	0.0	0.0	103.500	103.500	950.000
X3	10.000	0.0	0.0	0.0	0.0	770.000	101.500	895.000	100.500	1016.000
GR	110.000	605.000	100.500	750.000	105.000	1000.000	96.000	1008.000	95.600	1450.000
GF	99.200	984.000	95.800	992.000	95.400	1045.000	100.500	1160.000	102.500	0.0
GR	96.000	1020.000	96.400	1024.000	98.500	0.0	0.0	0.0	0.0	
GR	105.000	1480.000	107.500	1550.000	0.0					
								0.0	0.0	0.0
					35.000	45.000	40.000	0.0	0.0	0.0
X1	49.000	0.0	0.0	0.0	0.300	0.0	0.0	0.0		
NC	0.160	0.160	0.039	0.100						
								0.0	0.0	0.0
					650.000	610.000	650.000	980.000	99.500	985.000
X1	50.000	14.000	998.000	1005.000	100.500	780.000	100.000	1015.000	102.500	1130.000
GR	120.000	570.000	110.000	615.000	98.000	1005.000	100.000	1470.000	0.0	0.0
GR	99.300	998.000	96.800	1000.000	109.500	1400.000	105.500	0.035	1493.000	0.0
GR	107.000	1300.000	106.500	1355.000	1006.000	0.160	1300.000			
NH	4.000	0.160	997.000	0.050						
								0.0	0.0	0.0
					150.000	120.000	100.000	0.0	98.100	972.000
X1	51.000	17.000	997.000	1006.000	105.000	760.000	103.300	780.000	96.000	1056.000
GR	111.000	570.000	105.500	705.000	95.000	997.000	96.000	1500.000	107.000	1378.000
GR	98.700	995.000	98.100	997.000	98.400	1024.000	107.000	1300.000	0.0	0.0
GR	97.800	1006.000	98.800	1010.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	110.000	1420.000	111.000	1493.000	0.0	0.0	0.0	0.0		
NC	0.160	0.090	0.050	0.0						
								0.0	0.0	0.0
					1040.000	1080.000	1120.000	990.000	99.700	990.000
X1	52.000	10.000	990.000	1010.000	105.500	925.000	105.000	1215.000	100.500	1350.000
GR	112.500	795.000	111.500	890.000	105.000	1010.000	105.200			
GR	99.800	1000.000	100.300	1006.000						
								0.0	0.0	0.0
					1000.000	1050.000	1030.000	0.0	0.0	992.000
X1	53.000	11.000	990.000	1019.000	115.000	977.000	110.000	990.000	105.500	1160.000
GR	120.000	753.000	117.500	930.000	109.500	1019.000	114.500	1040.000	113.000	0.0
GR	104.800	1000.000	105.300	1012.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	113.500	1410.000	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						

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR -  01.02
  MODIFICATION -  50.51.52.53
*****************************************************

T1       FLOOD  INSURANCE  STUDY
T2       DARIEN.  CONN.
T3       FLOODWAY
J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.        6.        0.        0.  0.0           0.0       0.0       0.      59.850     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
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*****************************************************
 HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
 ERROR CORR -  01,02
 MODIFICATION -  50,51,52,53
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

00 YEAR FLOOD, UPPER STO

SUMMARY PRINTOUT

	SECNO	CWSEL	IHLEQ	EG	HV	HL	OLOSS	10K#5	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
L	25.000	59.85	4.00	60.57	0.72	0.0	0.0	70.02	0.0	46.21	80.00	39.00	85.00
	25.000	59.85	4.00	60.83	0.98	0.0	0.0	110.15	0.0	19.00	80.00	39.00	85.00
M	25.100	61.00	2.00	61.95	0.96	1.31	0.07	105.09	0.82	45.13	80.00	39.00	85.00
	25.100	61.49	4.00	62.40	0.91	1.56	0.01	98.40	1.06	19.00	80.00	39.00	85.00
N	25.200	62.57	4.00	63.47	0.90	1.51	0.01	96.61	1.04	45.75	80.00	39.00	85.00
	25.200	62.97	2.00	63.90	0.93	1.49	0.00	100.49	0.99	19.00	80.00	39.00	85.00
O	26.000	65.19	4.00	65.76	0.57	2.26	0.03	69.07	1.18	154.82	100.00	40.00	100.00
	26.000	65.96	2.00	66.76	0.80	2.85	0.01	102.02	0.99	19.61	100.00	40.00	100.00
*	26.100	67.22	4.00	69.47	2.25	0.95	0.57	158.88	0.66	10.00	100.00	40.00	100.00
*	26.100	67.23	4.00	69.47	2.24	0.95	0.55	157.89	0.80	10.00	100.00	40.00	100.00
*	28.100	68.49	4.00	70.91	2.42	1.02	0.06	167.46	0.97	9.00	100.00	40.00	80.00
*	28.100	68.49	4.00	70.91	2.42	1.02	0.06	167.48	0.97	9.00	100.00	40.00	80.00
P	28.000	71.64	4.00	71.68	0.04	0.06	0.71	3.64	6.78	196.47	100.00	40.00	80.00
	28.000	71.45	4.00	72.60	1.15	1.31	0.38	142.14	1.09	9.00	100.00	40.00	80.00
Q	29.000	72.49	2.00	73.06	0.57	1.11	0.26	51.82	0.27	55.63	100.00	40.00	80.00
	29.000	73.83	4.00	74.10	0.27	1.24	0.26	17.37	2.86	39.58	100.00	40.00	80.00
	29.100	72.65	2.00	73.34	0.69	0.22	0.06	60.70	0.92	20.00	100.00	40.00	80.00
	29.100	73.86	2.00	74.27	0.41	0.10	0.07	33.24	0.72	20.00	100.00	40.00	80.00
*	30.100	72.80	4.00	74.53	1.72	0.10	0.48	201.05	0.55	18.51	100.00	40.00	80.00
	30.100	73.53	2.00	74.70	1.17	0.05	0.36	169.02	0.44	18.00	100.00	40.00	80.00
	30.200	74.47	4.00	75.27	0.80	0.47	0.28	82.47	1.56	18.79	100.00	40.00	80.00
	30.200	74.61	4.00	75.38	0.77	0.57	0.12	122.24	1.18	18.00	100.00	40.00	80.00
	31.100	75.06	4.00	75.42	0.36	0.01	0.13	14.36	2.40	18.00	100.00	35.00	100.00
	31.100	75.18	4.00	75.53	0.34	0.02	0.13	20.27	2.46	18.00	100.00	35.00	100.00
R	31.000	75.42	4.00	75.52	0.11	0.03	0.08	4.56	1.77	383.30	100.00	35.00	100.00
	31.000	75.27	4.00	75.59	0.33	0.06	0.00	10.07	1.42	20.60	100.00	35.00	100.00

	SECNO	CWSEL	THLEG	EG	HV	HL	QLOSS	10K*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
	32.000	75.91	2.00	76.03	0.11	0.50	0.00	16.33	0.53	437.22	90.00	35.00	50.00
S	32.000	76.59	2.00	77.03	0.44	1.40	0.03	41.71	0.45	28.43	90.00	35.00	50.00
	33.000	78.01	2.00	78.64	0.63	2.46	0.15	52.57	0.56	79.50	100.00	40.00	70.00
T	33.000	79.24	4.00	79.66	0.42	2.63	0.00	32.12	1.14	16.00	100.00	40.00	70.00
	34.000	83.91	4.00	84.36	0.45	4.77	-1.43	138.65	0.63	134.84	45.00	40.00	40.00
* U	34.000	84.37	2.00	85.36	0.99	5.53	0.17	166.28	0.44	33.34	45.00	40.00	40.00
	35.000	86.64	4.00	86.98	0.34	2.61	0.01	94.34	1.19	80.46	50.00	40.00	85.00
V	35.000	87.45	4.00	87.98	0.53	2.57	0.05	60.84	1.43	35.40	50.00	40.00	85.00
	36.000	89.85	2.00	90.35	0.50	3.32	0.05	160.79	0.77	102.31	80.00	40.00	40.00
W	36.000	90.45	2.00	91.35	0.90	3.26	0.11	166.72	0.70	33.66	80.00	40.00	40.00
	37.000	90.72	4.00	91.68	0.96	0.73	0.28	107.48	1.22	54.84	80.00	40.00	40.00
* X	37.000	91.24	4.00	92.33	1.09	0.93	0.06	116.98	1.19	15.00	80.00	40.00	40.00
	37.100	90.91	2.00	92.19	1.29	0.41	0.10	129.96	0.91	15.00	80.00	40.00	40.00
	37.100	91.86	4.00	92.69	0.85	0.33	0.03	80.33	1.21	15.00	80.00	40.00	40.00
	38.100	91.56	2.00	92.30	0.74	0.05	0.05	134.23	0.98	15.00	80.00	40.00	40.00
	38.100	92.01	2.00	92.75	0.74	0.04	0.01	138.41	0.76	15.00	80.00	40.00	40.00
	38.200	91.75	2.00	92.49	0.74	0.19	0.0	135.95	0.99	15.00	80.00	40.00	40.00
	38.200	92.20	2.00	92.94	0.74	0.20	0.00	140.22	0.99	15.00	80.00	40.00	40.00
	39.100	92.17	4.00	92.54	0.37	0.02	0.04	26.51	2.26	17.00	70.00	50.00	70.00
	39.100	92.69	4.00	93.01	0.32	0.02	0.04	36.01	1.92	17.00	70.00	50.00	70.00
	39.000	92.54	4.00	92.63	0.08	0.06	0.03	7.06	1.94	96.07	70.00	50.00	70.00
/	39.000	92.89	4.00	93.19	0.30	0.18	0.00	35.21	1.04	17.00	70.00	50.00	70.00
	43.000	93.85	2.00	94.21	0.36	1.50	0.08	34.56	0.45	59.13	100.00	40.00	150.00
Z	43.000	94.91	4.00	95.21	0.31	2.02	0.00	22.81	1.24	24.57.53	100.00	40.00	150.00
	43.100	93.94	2.00	94.45	0.51	0.20	0.05	44.15	0.68	25.00	100.00	40.00	150.00
	43.100	95.03	2.00	95.33	0.31	0.12	0.00	26.01	0.94	25.00	100.00	40.00	150.00
	44.100	94.19	4.00	94.48	0.29	0.01	0.02	6.12	2.69	25.00	30.00	20.00	30.00
	44.100	95.13	4.00	95.35	0.22	0.01	0.01	8.50	1.75	25.00	30.00	20.00	30.00
	44.200	94.21	4.00	94.51	0.29	0.02	0.00	6.02	1.01	25.00	30.00	20.00	30.00
	44.200	95.16	2.00	95.38	0.22	0.03	0.00	8.51	1.00	25.00	30.00	20.00	30.00
	45.100	93.84	2.00	94.71	0.67	0.03	0.17	123.69	0.22	27.24	120.00	40.00	120.00
	45.100	95.05	2.00	95.45	0.40	0.01	0.05	39.26	0.47	30.00	120.00	40.00	120.00
	45.000	94.48	4.00	95.04	0.56	0.30	0.03	64.40	1.39	28.76	120.00	40.00	120.00
AA	45.000	95.22	4.00	95.58	0.36	0.13	0.00	33.94	1.06	30.00	120.00	40.00	120.00
	46.000	96.75	4.00	97.00	0.25	1.93	0.03	33.79	1.36	133.11	85.00	35.00	40.00
AB	46.000	97.20	2.00	98.00	0.80	2.29	0.13	70.30	0.69	23.59	85.00	35.00	40.00
	47.000	97.93	4.00	98.33	0.40	1.28	0.04	29.77	1.07	103.06	110.00	35.00	110.00
AC	47.000	99.02	4.00	99.35	0.33	1.30	0.05	21.06	1.83	24.00	110.00	35.00	110.00

	SECNO	CWSEL	IHLEQ	EG	HV	HL	CLOSS	TOK*S	KRATIO	TOPWID	K*XNL	K*XNCH	K*XNR
	47.100	98.08	2.00	98.59	0.51	0.21	0.05	35.07	0.92	24.00	110.00	35.00	110.00
	47.100	99.18	4.00	99.49	0.31	0.13	0.01	19.11	1.05	24.00	110.00	35.00	110.00
	48.100	98.09	4.00	99.35	1.26	0.03	0.37	50.36	0.63	24.00	30.00	19.00	30.00
*	48.100	99 0	2.00	99.66	0.67	0.01	0.18	19.15	1.00	24.00	30.00	19.00	30.00
	48.200	98.90	4.00	99.61	0.72	0.10	0.16	21.01	1.55	24.00	30.00	19.00	30.00
	48.200	99.12	4.00	99.75	0.63	0.06	0.01	17.27	1.05	24.00	30.00	19.00	30.00
	49.100	98.89	2.00	99.66	0.76	0.02	0.02	60.54	0.59	24.00	110.00	35.00	110.00
	49.100	99.13	2.00	99.79	0.66	0.02	0.02	64.10	0.52	24.00	110.00	35.00	110.00
	49.000	99.61	4.00	99.92	0.31	0.13	0.14	21.48	1.66	135.12	110.00	35.00	110.00
AD	49.000	99.50	4.00	100.04	0.54	0.22	0.04	47.11	1.17	24.00	110.00	35.00	110.00
	50.000	101.80	2.00	101.96	0.16	2.02	0.02	41.21	0.72	340.26	160.00	39.00	160.00
AE	50.000	102.82	4.00	102.96	0.13	2.87	0.04	41.65	1.06	115.65	160.00	39.00	160.00
	51.000	102.19	4.00	102.22	0.03	0.25	0.01	11.56	1.89	324.68	160.00	39.00	160.00
AF	51.000	103.17	4.00	103.22	0.05	0.25	0.01	11.56	1.90	99.65	160.00	39.00	160.00
	52.000	105.59	2.00	105.95	0.35	3.63	0.10	54.75	0.46	302.57	160.00	50.00	90.00
AG	52.000	106.37	2.00	106.79	0.42	3.45	0.11	51.39	0.47	20.00	160.00	50.00	90.00
	53.000	110.12	4.00	110.40	0.29	4.45	0.01	35.61	1.24	31.90	160.00	50.00	90.00
AH	53.000	110.44	4.00	110.68	0.25	3.38	0.02	29.75	1.31	29.00	160.00	50.00	90.00

00 YEAR FLOOD, UPPER STO

SUMMARY PRINTOUT

		SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
		25.000	992.00	1011.00	55.40	4.45	0.0	42.24	482.89	12.87	1.90	7.15	1.27
	L	25.000	992.00	1011.00	55.40	4.45	0.0	0.0	538.00	0.0	0.0	7.96	0.0
		25.100	992.00	1011.00	56.90	4.10	150.00	35.73	496.05	6.22	2.13	8.16	1.10
	M	25.100	992.00	1011.00	56.90	4.59	150.00	0.0	538.00	0.0	0.0	7.66	0.0
		25.200	992.00	1011.00	58.40	4.17	150.00	37.05	493.44	7.50	2.06	7.54	1.15
	N	25.200	992.00	1011.00	58.40	4.57	150.00	0.0	538.00	0.0	0.0	7.72	0.0
		26.000	1000.00	1010.00	61.00	4.19	280.00	198.66	303.68	35.66	2.80	7.70	1.04
	O	26.000	1000.00	1010.00	61.00	4.96	280.00	151.55	386.45	0.0	3.28	8.20	0.0
*		26.100	1000.00	1010.00	62.50	4.72	60.00	0.0	538.00	0.0	0.0	12.03	0.0
*		26.100	1000.00	1010.00	62.50	4.75	60.00	0.0	538.00	0.0	0.0	12.01	0.0
*		28.100	996.00	1005.00	63.50	4.99	61.00	0.0	538.00	0.0	0.0	12.49	0.0
*		28.100	996.00	1005.00	63.50	4.99	61.00	0.0	538.00	0.0	0.0	12.49	0.0
		28.000	996.00	1005.00	64.30	7.34	85.00	166.16	168.96	202.88	0.57	2.63	0.71
	P	28.000	996.00	1005.00	64.30	7.15	85.00	0.0	538.00	0.0	0.0	8.60	0.0
		29.000	990.00	1010.00	68.00	4.49	400.00	12.90	490.29	34.81	1.09	6.53	1.47
	Q	29.000	990.00	1010.00	68.00	5.62	400.00	18.07	466.64	53.29	1.01	6.47	1.40
		29.100	990.00	1010.00	68.00	4.65	40.00	0.0	538.00	0.0	0.0	6.66	0.0
		29.100	990.00	1010.00	68.00	5.86	40.00	0.0	538.00	0.0	0.0	5.13	0.0
*		30.100	991.00	1009.00	69.10	3.70	5.00	0.0	538.00	0.0	0.0	10.54	0.0
*		30.100	991.00	1009.00	69.10	4.43	5.00	0.0	538.00	0.0	0.0	8.67	0.0
		30.200	991.00	1009.00	69.10	5.37	40.00	0.0	538.00	0.0	0.0	7.19	0.0
		30.200	991.00	1009.00	69.10	5.51	40.00	0.0	538.00	0.0	0.0	7.05	0.0
		31.100	992.00	1010.00	66.60	6.46	5.00	0.0	538.00	0.0	0.0	4.81	0.0
		31.100	992.00	1010.00	66.60	6.56	5.00	0.0	538.00	0.0	0.0	4.71	0.0
		31.000	992.00	1010.00	66.60	6.82	45.00	29.51	373.12	135.37	0.53	3.16	0.42
	R	31.000	992.00	1010.00	66.60	6.67	45.00	2.21	533.41	2.37	0.43	4.62	0.43
		32.000	995.00	1005.00	70.00	5.91	600.00	62.53	191.12	284.35	0.45	4.10	1.59
	S	32.000	995.00	1005.00	70.00	6.59	600.00	0.0	327.05	210.94	0.0	6.12	3.70
		33.000	992.00	1010.00	72.00	6.01	720.00	5.40	524.33	8.26	0.59	6.44	0.80
	T	33.000	992.00	1010.00	72.00	7.24	720.00	0.0	538.00	0.0	0.0	5.20	0.0
*		34.000	994.00	1007.00	81.20	2.71	360.00	220.30	208.23	109.47	3.80	7.20	3.75
*	U	34.000	994.00	1007.00	81.20	3.17	360.00	211.78	317.82	8.40	6.07	9.10	3.88
		35.000	987.00	1013.00	84.50	2.14	235.00	157.75	277.84	72.41	3.43	5.57	2.21
	V	35.000	987.00	1013.00	84.50	2.95	235.00	101.36	436.64	0.0	4.25	8.14	0.0
		36.000	989.00	1009.00	87.90	1.95	265.00	75.16	253.25	209.59	2.22	6.90	4.87
	W	36.000	989.00	1009.00	87.90	2.55	265.00	0.0	392.32	145.68	0.0	8.03	6.26

	SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	XLOB	QCH	QROB	VLOB	VCH	VROB
* X	37.000	992.00	1007.00	86.00	4.72	70.00	34.18	470.66	23.15	1.73	8.36	3.38
	37.000	992.00	1007.00	86.00	5.24	70.00	0.0	538.00	0.0	0.0	8.39	0.0
	37.100	992.00	1007.00	86.00	4.91	35.00	0.0	538.00	0.0	0.0	9.10	0.0
	37.100	992.00	1007.00	86.00	5.86	35.00	0.0	538.00	0.0	0.0	7.33	0.0
	38.100	993.00	1008.00	84.60	6.96	14.00	0.0	538.00	0.0	0.0	6.90	0.0
	38.100	993.00	1008.00	84.60	7.41	14.00	0.0	538.00	0.0	0.0	6.90	0.0
	38.200	993.00	1008.00	84.60	7.15	14.00	0.0	538.00	0.0	0.0	6.90	0.0
	38.200	993.00	1008.00	84.60	7.60	14.00	0.0	538.00	0.0	0.0	6.90	0.0
	39.100	991.00	1008.00	85.40	6.77	4.00	0.0	538.00	0.0	0.0	4.69	0.0
	39.100	991.00	1008.00	85.40	7.29	4.00	0.0	538.00	0.0	0.0	4.53	0.0
	39.000	991.00	1008.00	85.40	7.14	50.00	94.92	330.66	112.42	0.90	7.64	1.20
Y	39.000	991.00	1008.00	85.40	7.49	50.00	0.0	538.00	0.0	0.0	4.40	0.0
	43.000	977.00	1002.00	89.40	4.45	730.00	16.10	469.52	52.38	1.08	5.14	1.92
Z	43.000	977.00	1002.00	89.40	5.51	730.00	0.0	526.66	11.34	0.0	4.48	0.74
	43.100	977.00	1002.00	89.40	4.54	50.00	0.0	538.00	0.0	0.0	5.74	0.0
	43.100	977.00	1002.00	89.40	5.63	50.00	0.0	538.00	0.0	0.0	4.46	0.0
	44.100	991.00	1016.00	88.90	5.29	5.00	0.0	538.00	0.0	0.0	4.35	0.0
	44.100	991.00	1016.00	88.90	6.23	5.00	0.0	538.00	0.0	0.0	3.80	0.0
	44.200	991.00	1016.00	88.90	5.31	40.00	0.0	538.00	0.0	0.0	4.33	0.0
	44.200	991.00	1016.00	88.90	6.26	40.00	0.0	538.00	0.0	0.0	3.80	0.0
	45.100	985.00	1015.00	90.80	3.04	5.00	0.0	538.00	0.0	0.0	7.49	0.0
	45.100	985.00	1015.00	90.80	4.25	5.00	0.0	538.00	0.0	0.0	5.05	0.0
	45.000	985.00	1015.00	90.80	3.68	35.00	0.0	538.00	0.0	0.0	6.00	0.0
AA	45.000	985.00	1015.00	90.80	4.42	35.00	0.0	538.00	0.0	0.0	4.81	0.0
	46.000	990.00	1010.00	93.10	3.65	440.00	69.25	300.14	172.60	1.43	5.00	2.29
AB	46.000	990.00	1010.00	93.10	4.10	440.00	0.0	500.80	37.20	0.0	7.35	4.12
	47.000	986.00	1010.00	94.00	3.93	400.00	10.94	483.35	43.71	0.72	5.56	0.78
AC	47.000	986.00	1010.00	94.00	5.02	400.00	0.0	538.00	0.0	0.0	4.52	0.0
	47.100	986.00	1010.00	94.00	4.08	65.00	0.0	538.00	0.0	0.0	5.72	0.0
	47.100	986.00	1010.00	94.00	5.18	65.00	0.0	538.00	0.0	0.0	4.48	0.0
	48.100	984.00	1008.00	95.10	2.99	5.00	0.0	538.00	0.0	0.0	9.82	0.0
*	48.100	984.00	1008.00	95.10	3.90	5.00	0.0	538.00	0.0	0.0	6.58	0.0
	48.200	984.00	1008.00	95.10	3.80	34.00	0.0	538.00	0.0	0.0	9.79	0.0
	48.200	984.00	1008.00	95.10	4.02	34.00	0.0	538.00	0.0	0.0	6.36	0.0
	49.100	992.00	1016.00	95.40	3.49	5.00	0.0	538.00	0.0	0.0	7.02	0.0
	49.100	992.00	1016.00	95.40	3.73	5.00	0.0	538.00	0.0	0.0	5.52	0.0
AD	49.000	992.00	1016.00	95.40	4.21	40.00	16.85	456.74	64.41	0.89	4.87	1.77
	49.000	992.00	1016.00	95.40	4.10	40.00	0.0	538.00	0.0	0.0	5.80	0.0

	SECNO	STCHL	STCHR	ELMIN	DEPTH	XLCH	QLOB	QCH	QROB	VLOB	VCH	VROB
	50.000	998.00	1005.00	96.80	5.00	650.00	296.67	167.34	73.99	0.61	5.68	0.72
AE	50.000	998.00	1005.00	96.80	8.02	650.00	360.50	177.49	0.0	1.18	4.84	0.0
	51.000	997.00	1006.00	95.00	7.19	135.00	229.86	147.45	160.69	0.57	2.96	0.54
AF	51.000	997.00	1006.00	95.00	8.17	135.00	227.06	166.84	124.10	0.64	2.83	0.61
	52.000	990.00	1010.00	99.70	5.89	1120.00	7.20	464.98	75.81	0.33	5.19	0.75
AG	52.000	990.00	1010.00	99.70	8.07	1120.00	0.0	538.00	0.0	0.0	5.20	0.0
	53.000	990.00	1019.00	104.80	5.32	1030.00	0.00	537.65	0.35	0.01	4.29	0.04
AH	53.000	990.00	1019.00	104.80	5.64	1030.00	0.0	538.00	0.0	0.0	3.99	0.0

00 YEAR FLOOD. UPPER STO

SUMMARY PRINTOUT

	SECNO	.01K	EGPRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLC
	25.000	64.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L	25.000	51.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.100	52.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M	25.100	54.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.200	54.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	25.200	53.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	26.000	64.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O	26.000	53.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	26.100	42.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	26.100	42.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	28.100	41.57	68.97	71.70	0.0	0.0	538.00	78.50	70.70
*	28.100	41.57	68.98	71.68	0.0	0.0	536.00	78.50	70.70
	28.000	281.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P	28.000	45.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.000	74.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q	29.000	129.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.100	69.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29.100	93.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	30.100	37.94	0.0	0.0	0.0	0.0	0.0	81.70	76.00
	30.100	41.37	0.0	0.0	0.0	0.0	0.0	81.70	76.00
	30.200	59.24	0.0	0.0	0.0	0.0	0.0	75.30	76.00
	30.200	48.66	0.0	0.0	0.0	0.0	0.0	75.30	76.00
	31.100	141.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31.100	119.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
R	31.000	251.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31.000	169.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.000	133.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	32.000	83.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	33.000	74.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T	33.000	94.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*	34.000	46.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U	34.000	41.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	35.000	55.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V	35.000	59.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.000	42.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	36.000	41.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	SECNO	.01K	EGPRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLEC
	37.000	51.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* X	37.000	49.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	37.100	47.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	37.100	60.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.100	46.44	0.0	0.0	0.0	0.0	0.0	92.80	91.20
	38.100	45.73	0.0	0.0	0.0	0.0	0.0	92.80	91.20
	38.200	46.14	0.0	0.0	0.0	0.0	0.0	92.50	91.20
	38.200	45.43	0.0	0.0	0.0	0.0	0.0	92.50	91.20
	39.100	104.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.100	87.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	39.000	202.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39.000	90.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.000	91.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	43.000	112.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.100	80.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	43.100	105.50	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.100	217.48	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.100	184.52	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.200	219.20	0.0	0.0	0.0	0.0	0.0	97.50	94.90
	44.200	184.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.100	48.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.100	85.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	45.000	67.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AA	45.000	92.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	46.000	92.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AB	46.000	64.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.000	98.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC	47.000	117.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.100	90.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	47.100	123.06	0.0	0.0	0.0	0.0	0.0	103.50	102.90
*	48.100	75.80	0.0	0.0	0.0	0.0	0.0	103.50	102.90
	48.100	122.94	0.0	0.0	0.0	0.0	0.0	103.50	102.90
	48.200	117.37	0.0	0.0	0.0	0.0	0.0	103.50	102.90
	48.200	129.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	49.100	69.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	49.100	67.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	49.000	116.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AD	49.000	78.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	SECNO	.01K	EGPRS	EGLWC	H3	QWEIR	QPR	ELTRD	ELLC
	50.000	83.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AE	50.000	83.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	51.000	158.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AF	51.000	158.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	52.000	72.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AG	52.000	75.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	53.000	90.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AH	53.000	98.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0

00 YEAR FLOOD, UPPER STD

SUMMARY PRINTOUT

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
	25.000	992.00	0.0	1011.00	0.0	48.2	1.90	7.13	1.27	59.85	0.0	69.90	0.0
L	25.000	992.00	992.00	1011.00	1011.00	19.00	0.0	7.96	0.0	59.88	-0.00	67.55	0.27
	25.100	992.00	0.0	1011.00	0.0	45.13	2.13	8.16	1.10	61.00	0.0	83.29	0.0
M	25.100	992.00	992.00	1011.00	1011.00	19.00	0.0	7.66	0.0	61.49	0.49	70.20	0.45
	25.200	992.00	0.0	1011.00	0.0	45.75	2.08	7.94	1.15	62.57	0.0	86.40	0.0
N	25.200	992.00	992.00	1011.00	1011.00	19.00	0.0	7.72	0.0	62.97	0.41	69.70	0.43
	26.000	1000.00	0.0	1010.00	0.0	154.82	2.86	7.70	1.04	65.19	0.0	142.74	0.0
O	26.000	1000.00	990.39	1010.00	1010.00	19.61	3.28	8.20	0.0	65.96	0.77	93.25	1.00
	26.100	1000.00	0.0	1010.00	0.0	10.00	0.0	12.03	0.0	67.22	0.0	44.71	0.0
*	26.100	1000.00	990.00	1010.00	1020.00	10.00	0.0	12.01	0.0	67.23	0.01	44.80	-0.00
	28.100	996.00	0.0	1005.00	0.0	9.00	0.0	12.49	0.0	68.49	0.0	43.08	0.0
*	28.100	996.00	985.50	1005.00	1015.50	9.00	0.0	12.49	0.0	68.49	0.0	43.08	0.0
	28.000	996.00	0.0	1005.00	0.0	196.47	0.07	2.65	0.79	71.64	0.0	566.59	0.0
P	28.000	996.00	996.00	1005.00	1005.00	9.00	0.0	8.80	0.0	71.45	-0.20	62.54	0.91
	29.000	990.00	0.0	1010.00	0.0	55.63	1.09	6.33	1.37	72.49	0.0	114.67	0.0
Q	29.000	990.00	983.71	1010.00	1025.29	39.58	1.01	4.47	1.40	73.83	1.34	160.38	1.04
	29.100	990.00	0.0	1010.00	0.0	20.00	0.0	6.66	0.0	72.65	0.0	80.76	0.0
	29.100	990.00	990.00	1010.00	1010.00	20.00	0.0	5.13	0.0	73.86	1.21	104.88	0.93
	30.100	991.00	0.0	1009.00	0.0	18.51	0.0	10.54	0.0	72.80	0.0	51.39	0.0
*	30.100	991.00	991.00	1009.00	1009.00	18.00	0.0	8.67	0.0	73.53	0.73	82.05	0.17
	30.200	991.00	0.0	1009.00	0.0	18.79	0.0	7.19	0.0	74.47	0.0	74.85	0.0
	30.200	991.00	991.00	1009.00	1009.00	18.00	0.0	7.05	0.0	74.61	0.14	76.53	0.11
	31.100	992.00	0.0	1010.00	0.0	18.00	0.0	4.81	0.0	75.06	0.0	111.93	0.0
	31.100	992.00	992.00	1010.00	1010.00	18.00	0.0	4.71	0.0	75.18	0.13	114.20	0.11
	31.000	992.00	0.0	1010.00	0.0	363.30	0.53	3.16	0.42	75.42	0.0	550.48	0.0
R	31.000	992.00	991.00	1010.00	1011.00	20.00	0.45	4.62	0.43	75.27	-0.15	126.31	0.07
	32.000	995.00	0.0	1005.00	0.0	437.22	0.45	4.10	1.59	75.91	0.0	363.00	0.0
S	32.000	995.00	995.00	1005.00	1023.43	28.43	0.0	6.12	3.70	78.59	2.68	110.46	1.00
	33.000	992.00	0.0	1010.00	0.0	79.50	0.59	6.44	0.80	78.01	0.0	100.55	0.0
T	33.000	992.00	992.00	1010.00	1010.00	18.00	0.0	5.20	0.0	79.24	1.23	103.55	1.02
	34.000	994.00	0.0	1007.00	0.0	134.84	3.80	7.20	3.75	83.91	0.0	116.08	0.0
* U	34.000	994.00	974.90	1007.00	1008.23	33.34	6.07	9.10	3.86	84.37	0.46	72.00	1.00
	35.000	987.00	0.0	1013.00	0.0	80.48	3.93	5.57	2.21	86.64	0.0	130.43	0.0
V	35.000	987.00	977.60	1013.00	1013.00	35.40	4.25	6.14	0.0	87.45	0.81	94.93	1.00
	36.000	989.00	0.0	1009.00	0.0	102.31	2.22	6.90	4.87	89.65	0.0	113.58	0.0
W	36.000	989.00	989.00	1009.00	1022.68	33.68	0.0	8.03	0.28	90.45	0.81	72.00	1.00

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CWSEL	DIFWSP	AREA	DIFEG
* X	37.000	992.00	0.0	1007.00	0.0	54.84	1.73	8.36	3.38	90.72	0.0	85.81	0.0
	37.000	992.00	992.00	1007.00	1007.00	15.00	0.0	8.39	0.0	91.24	0.52	84.15	0.65
	37.100	992.00	0.0	1007.00	0.0	15.00	0.0	9.10	0.0	90.91	0.0	59.12	0.0
	37.100	992.00	992.00	1007.00	1007.00	15.00	0.0	7.33	0.0	91.86	0.95	73.45	0.50
	38.100	993.00	0.0	1008.00	0.0	15.00	0.0	6.90	0.0	91.56	0.0	77.95	0.0
	38.100	993.00	993.00	1008.00	1008.00	15.00	0.0	6.90	0.0	92.01	0.45	77.95	0.45
	38.200	993.00	0.0	1008.00	0.0	15.00	0.0	6.90	0.0	91.75	0.0	77.95	0.0
	38.200	993.00	993.00	1008.00	1008.00	15.00	0.0	6.90	0.0	92.20	0.45	77.95	0.45
	39.100	991.00	0.0	1008.00	0.0	17.00	0.0	4.89	0.0	92.17	0.0	118.08	0.0
	39.100	991.00	991.00	1008.00	1008.00	17.00	0.0	4.53	0.0	92.69	0.52	118.69	0.40
	39.000	991.00	0.0	1008.00	0.0	96.07	0.98	2.64	1.20	92.54	0.0	306.91	3.0
Y	39.000	991.00	991.00	1008.00	1008.00	17.00	0.0	4.40	0.0	92.89	0.35	122.28	0.56
	43.000	977.00	0.0	1002.00	0.0	59.13	1.08	5.14	1.02	93.85	0.0	157.56	0.0
Z	43.000	977.00	977.00	1002.00	1005.97	28.0753	0.0	4.48	0.74	94.91	1.06	132.75	1.00
	43.100	977.00	0.0	1002.00	0.0	25.00	0.0	5.74	0.0	93.94	0.0	93.71	0.0
	43.100	977.00	977.00	1002.00	1002.00	25.00	0.0	4.48	0.0	95.03	1.08	129.63	0.86
	44.100	991.00	0.0	1016.00	0.0	25.00	0.0	4.35	0.0	94.19	0.0	123.70	0.0
	44.100	991.00	991.00	1016.00	1016.00	25.00	0.0	3.80	0.0	95.15	0.96	141.50	0.67
	44.200	991.00	0.0	1016.00	0.0	25.00	0.0	4.35	0.0	94.21	0.0	124.30	0.0
	44.200	991.00	991.00	1016.00	1016.00	25.00	0.0	3.80	0.0	95.16	0.94	141.50	0.00
	45.100	985.00	0.0	1015.00	0.0	27.24	0.0	7.49	0.0	93.84	0.0	71.36	0.0
	45.100	985.00	985.00	1015.00	1015.00	30.00	0.0	5.05	0.0	95.05	1.21	100.58	1.74
	45.000	985.00	0.0	1015.00	0.0	28.76	0.0	6.00	0.0	94.46	0.0	92.71	0.0
AA	45.000	985.00	985.00	1015.00	1015.00	30.00	0.0	4.81	0.0	95.22	0.74	111.78	0.54
	46.000	990.00	0.0	1010.00	0.0	133.11	0.85	5.06	2.29	96.75	0.0	179.74	0.0
AB	46.000	990.00	990.00	1010.00	1013.59	23.59	0.0	7.35	4.12	97.20	0.45	77.20	1.00
	47.000	986.00	0.0	1010.00	0.0	103.06	0.72	5.30	0.72	97.93	0.0	160.39	0.0
AC	47.000	986.00	986.00	1010.00	1010.00	24.00	0.0	4.62	0.0	99.02	1.09	116.42	1.32
	47.100	986.00	0.0	1010.00	0.0	24.00	0.0	5.72	0.0	98.08	0.0	94.91	0.0
	47.100	986.00	986.00	1010.00	1010.00	24.00	0.0	4.48	0.0	99.18	1.09	120.21	0.87
	48.100	984.00	0.0	1008.00	0.0	24.00	0.0	9.02	0.0	98.09	0.0	52.05	0.0
	48.100	984.00	984.00	1008.00	1008.00	24.00	0.0	6.58	0.0	99.00	0.92	81.73	0.33
	48.200	984.00	0.0	1008.00	0.0	24.00	0.0	6.79	0.0	98.90	0.0	79.20	0.0
	48.200	984.00	984.00	1008.00	1008.00	24.00	0.0	6.30	0.0	99.12	0.22	84.37	0.14
	49.100	992.00	0.0	1016.00	0.0	24.00	0.0	7.02	0.0	98.49	0.0	76.06	0.0
	49.100	992.00	992.00	1016.00	1016.00	24.00	0.0	6.52	0.0	99.13	0.23	82.41	0.15
	49.000	992.00	0.0	1016.00	0.0	135.12	0.89	4.83	0.77	99.61	0.0	196.90	0.0
AD	49.000	992.00	992.00	1016.00	1016.00	24.00	0.0	5.06	0.0	99.50	-0.10	91.42	0.12

	SECNO	STCHL	STENCL	STCHR	STENCR	TOPWID	VLOB	VCH	VROB	CHSEL	DTHWSP	AREA	DTFEG
	50.000	998.00	0.0	1005.00	0.0	340.26	0.81	5.66	0.72	101.80	0.0	497.40	0.0
							1.18	4.84	0.0	102.92	1.03	342.60	1.00
AE	50.000	998.00	889.35	1005.00	1005.00	115.65							
							0.57	2.56	0.54	102.19	0.0	757.26	0.0
	51.000	997.00	0.0	1006.00	0.0	324.66	0.84	2.83	0.81	103.12	0.96	466.46	1.00
AF	51.000	997.00	939.77	1006.00	1039.42	99.65							
							0.33	5.19	0.75	105.59	0.0	211.12	0.0
	52.000	990.00	0.0	1010.00	0.0	302.57	0.0	5.20	0.0	106.37	0.77	193.66	0.84
AG	52.000	990.00	990.00	1010.00	1010.00	20.00							
							0.01	4.29	0.44	110.12	0.0	120.12	0.0
	53.000	990.00	0.0	1019.00	0.0	31.90	0.0	3.99	0.0	110.44	0.32	134.79	0.26
AH	53.000	990.00	990.00	1019.00	1019.00	29.00							

SUMMARY OF ERRORS

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CAUTION   SECNO=    26.100   PROFILE= 1   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    26.100   PROFILE= 1   MINIMUM SPECIFIC ENERGY
CAUTION   SECNO=    26.100   PROFILE= 2   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    26.100   PROFILE= 2   MINIMUM SPECIFIC ENERGY

CAUTION   SECNO=    28.100   PROFILE= 1   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    28.100   PROFILE= 1   MINIMUM SPECIFIC ENERGY
CAUTION   SECNO=    28.100   PROFILE= 2   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    28.100   PROFILE= 2   MINIMUM SPECIFIC ENERGY

CAUTION   SECNO=    30.100   PROFILE= 1   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    30.100   PROFILE= 1   PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION   SECNO=    30.100   PROFILE= 1   20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION   SECNO=    34.000   PROFILE= 1   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    34.000   PROFILE= 1   MINIMUM SPECIFIC ENERGY

CAUTION   SECNO=    37.000   PROFILE= 1   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    37.000   PROFILE= 1   MINIMUM SPECIFIC ENERGY

CAUTION   SECNO=    48.100   PROFILE= 1   CRITICAL DEPTH ASSUMED
CAUTION   SECNO=    48.100   PROFILE= 1   PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION   SECNO=    48.100   PROFILE= 1   20 TRIALS ATTEMPTED TO BALANCE WSEL
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