

Johns River

THIS RUN EXECUTED 02-24-86 06:47:53

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2720
 T3 JOHNS RIVER DATE: 2/23/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	147.980	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLER	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.130	.130	.049	.300	.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	9.110	4765.000
QT	7.000	6428.000	12341.000	19178.000	35272.000	8513.000	3665.000	19178.000	.000	.000
X1	57138.000	18.000	4990.000	5070.000	55.000	55.000	55.000	.000	.190	.000
X4	3.000	152.190	4460.000	148.190	4518.700	144.190	5197.800	.000	.000	.000
GR	160.000	4369.000	144.000	4698.700	140.000	4918.700	136.000	4943.700	135.310	4990.000
GR	129.880	5001.010	128.520	5010.000	127.890	5029.550	127.890	5029.560	127.890	5031.040
GR	127.890	5031.050	129.260	5050.000	129.620	5056.000	130.130	5059.300	135.280	5070.000
GR	136.000	5172.800	140.000	5187.800	160.000	5230.000	.000	.000	.000	.000
NC	.140	.180	.049	.100	.300	.000	.000	.000	.000	.000
QT	7.000	7307.000	13791.000	20704.000	38023.000	9606.000	4227.000	20704.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	6.410	.000
X1	60435.000	24.000	5510.000	5580.000	3375.000	3125.000	3347.000	.000	.000	.000
GR	168.000	4950.000	156.000	5010.000	151.000	5030.000	149.000	5050.000	148.000	5080.000
GR	151.000	5185.000	151.000	5265.000	151.000	5340.000	148.000	5375.000	146.000	5395.000
GR	145.000	5460.000	145.900	5500.000	145.500	5510.000	144.500	5516.000	140.000	5521.000
GR	138.800	5530.000	138.500	5540.000	138.000	5550.000	138.700	5560.000	140.000	5570.000
GR	147.130	5580.000	156.900	5606.000	157.500	5621.000	168.000	5697.000	.000	.000

NC	.145	.180	.049	.000	.000	.000	.000	.000	.000	.000
X1	61282.000	18.000	5000.000	5052.400	748.000	798.000	797.000	.000	.160	.000
X4	1.000	143.930	5057.400	.000	.000	.000	.000	.000	.000	.000
GR	168.000	4825.000	156.000	4877.500	152.000	4887.500	148.000	4925.000	144.000	4962.500
GR	143.570	5000.000	137.910	5001.660	137.220	5020.000	137.750	5027.000	137.750	5027.010
GR	137.750	5028.800	137.750	5028.810	137.960	5040.000	143.910	5052.400	148.000	5076.400
GR	152.000	5096.400	156.000	5106.400	168.000	5150.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	61478.000	30.000	5000.000	5052.400	195.000	195.000	195.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	172.000	4810.000	156.000	4877.500	152.000	4887.500	148.000	4925.000	144.000	4962.500
GR	143.570	5000.000	141.850	5000.010	141.850	5000.790	141.850	5000.800	141.850	5001.650
GR	137.910	5001.660	138.330	5010.000	137.220	5020.000	137.750	5027.000	137.750	5027.010
GR	137.750	5028.800	137.750	5028.810	137.960	5040.000	139.320	5048.000	139.700	5050.700
GR	142.110	5050.710	142.110	5051.600	142.110	5051.610	142.110	5052.390	143.910	5052.400
GR	144.000	5057.400	148.000	5076.400	152.000	5096.400	156.000	5106.400	172.000	5160.000
NC	.000	.000	.047	.000	.000	.000	.000	.000	.000	.000
X1	61479.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-30.000	4810.000	172.000	172.000	4877.500	156.000	156.000	4887.500	152.000	152.000
BT	.000	4925.000	148.000	148.000	4962.500	144.000	144.000	5000.000	143.570	143.570
BT	.000	5000.010	143.870	141.850	5000.790	143.870	141.850	5000.800	143.550	141.850
BT	.000	5001.650	143.550	141.850	5001.660	143.550	141.850	5010.000	143.580	141.880
BT	.000	5020.000	143.520	141.910	5027.000	143.650	141.930	5027.010	143.650	137.750
BT	.000	5028.800	143.660	137.750	5028.810	143.660	141.930	5040.000	143.750	142.020
BT	.000	5048.000	143.820	142.090	5050.700	143.840	142.110	5050.710	143.840	142.110
BT	.000	5051.600	143.910	142.110	5051.610	145.260	142.110	5052.390	145.260	142.110
BT	.000	5052.400	143.910	143.910	5057.400	144.000	144.000	5076.400	148.000	148.000
BT	.000	5096.400	152.000	152.000	5106.400	156.000	156.000	5160.000	172.000	172.000
X1	61491.000	.000	.000	.000	12.000	12.000	12.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.000
X1	61492.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	61540.000	18.000	5000.000	5052.400	48.000	48.000	48.000	.000	.180	.000
X4	1.000	144.160	5057.400	.000	.000	.000	.000	.000	.000	.000
GR	172.000	4810.000	156.000	4877.500	152.000	4887.500	148.000	4925.000	144.000	4962.500
GR	143.570	5000.000	137.910	5001.660	137.220	5020.000	137.750	5027.000	137.750	5027.010
GR	137.750	5028.800	137.750	5028.810	137.960	5040.000	143.910	5052.400	148.000	5076.400
GR	152.000	5096.400	156.000	5106.400	172.000	5160.000	.000	.000	.000	.000
NC	.140	.180	.049	.100	.300	.000	.000	.000	.000	.000
X1	63705.000	31.000	5655.000	5808.000	1605.000	2095.000	2165.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	180.000	5000.000	160.000	5035.000	158.000	5110.000	156.000	5170.000	155.000	5370.000
GR	152.000	5445.000	151.000	5465.000	152.000	5490.000	156.000	5570.000	157.000	5635.000
GR	156.000	5655.000	149.460	5668.000	149.670	5693.000	148.310	5715.000	146.000	5735.000
GR	145.740	5738.000	145.130	5748.000	144.980	5758.000	144.650	5768.000	144.620	5778.000
GR	145.360	5788.000	146.000	5798.000	148.570	5803.000	156.000	5808.000	160.000	5888.000

GR	161.000	5933.000	164.000	5978.000	168.000	6008.000	172.000	6038.000	176.000	6053.000
GR	180.000	6083.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.140	.180	.049	.000	.000	.000	.000	.000	.000	.000
X1	64980.000	24.000	5000.000	5062.010	1555.200	815.200	1275.000	.000	.430	.000
GR	130.000	4670.000	160.000	4795.000	156.000	4970.000	154.370	5000.000	151.460	5001.000
GR	151.460	5001.010	151.460	5002.000	151.460	5002.010	150.080	5007.000	148.960	5010.000
GR	147.920	5020.000	147.630	5030.500	147.630	5030.510	147.630	5032.300	147.400	5040.000
GR	147.620	5050.000	149.320	5060.000	154.430	5062.010	160.000	5172.000	164.000	5210.000
GR	168.000	5235.000	172.000	5245.000	176.000	5251.000	180.000	5261.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	65204.000	30.000	5000.000	5062.010	223.800	223.800	223.800	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	154.370	154.430	.000
GR	180.000	4670.000	160.000	4795.000	156.000	4970.000	154.370	5000.000	151.460	5000.010
GR	151.460	5001.000	151.460	5001.010	151.460	5002.000	151.460	5002.010	150.080	5007.000
GR	148.960	5010.000	147.920	5020.000	147.630	5030.500	147.630	5030.510	147.630	5032.300
GR	147.630	5032.310	147.400	5040.000	147.620	5050.000	149.320	5060.000	149.320	5060.010
GR	149.320	5061.000	149.320	5061.010	149.320	5062.000	154.430	5062.010	160.000	5172.000
GR	164.000	5210.000	168.000	5235.000	172.000	5245.000	176.000	5251.000	180.000	5261.000
NC	.000	.000	.047	.000	.000	.000	.000	.000	.000	.000
X1	65205.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-30.000	4670.000	180.000	180.000	4795.000	160.000	160.000	4970.000	156.000	156.000
BT	.000	5000.000	154.370	154.370	5000.010	154.370	151.460	5001.000	154.370	151.460
BT	.000	5001.010	155.140	151.460	5002.000	155.140	151.460	5002.010	155.140	152.530
BT	.000	5007.000	155.130	152.480	5010.000	155.130	152.440	5020.000	155.120	152.330
BT	.000	5030.500	155.110	152.220	5030.510	155.110	147.630	5032.300	155.110	147.630
BT	.000	5032.310	155.110	152.220	5040.000	155.120	152.300	5050.000	155.120	152.400
BT	.000	5060.000	155.130	152.500	5060.010	155.130	149.320	5061.000	155.130	149.320
BT	.000	5061.010	154.430	149.320	5062.000	154.430	149.320	5062.010	154.430	154.430
BT	.000	5172.000	160.000	160.000	5210.000	164.000	164.000	5235.000	168.000	168.000
BT	.000	5245.000	172.000	172.000	5251.000	176.000	176.000	5261.000	180.000	180.000
X1	65225.000	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.000
X1	65226.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	65281.000	24.000	5000.000	5062.010	55.200	55.200	55.200	.000	.140	.000
GR	180.000	4670.000	160.000	4795.000	156.000	4970.000	154.370	5000.000	151.460	5001.000
GR	151.460	5001.010	151.460	5002.000	151.460	5002.010	150.080	5007.000	148.960	5010.000
GR	147.920	5020.000	147.630	5030.500	147.630	5030.510	147.630	5032.300	147.400	5040.000
GR	147.620	5050.000	149.320	5060.000	154.430	5062.010	160.000	5172.000	164.000	5210.000
GR	168.000	5235.000	172.000	5245.000	176.000	5251.000	180.000	5261.000	.000	.000
NC	.140	.140	.049	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	5.410	.000	.000

GR	184,000	4855,000	160,000	5055,000	910,800	1585,800	1311,000	5000,000	152,390	5002,810
GR	151,360	5007,070	150,720	5014,140	157,900	4992,000	153,710	5001,010	150,740	5028,410
GR	150,740	5028,420	151,520	5035,410	152,130	5041,900	157,900	5055,000	160,000	5073,000
GR	164,000	5283,000	168,000	5323,000	184,000	5370,000	168,000	5370,000	184,000	5370,000
MC	66755,000	25,000	4992,000	5055,000	500	123,000	163,000	156,870	157,370	5000,000
X1	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
GR	184,000	4855,000	160,000	4970,000	157,900	4992,000	154,180	4999,990	154,180	5007,070
GR	153,710	5001,000	153,710	5001,010	153,720	5002,800	152,390	5028,810	151,360	5028,420
GR	150,720	5014,140	150,740	5014,560	150,740	5014,570	150,740	5042,770	152,510	5042,780
GR	151,520	5035,400	152,130	5041,900	152,130	5041,910	152,130	5073,000	160,000	5073,000
GR	157,900	5055,000	160,000	5073,000	168,000	5283,000	168,000	5370,000	184,000	5370,000
MC	66756,000	180	0,000	0,000	0,000	1,000	1,000	0,000	0,000	0,000
X1	24,000	4855,000	184,000	4970,000	157,900	160,000	160,000	4992,000	157,900	5002,810
BT	0,000	4999,990	156,870	154,180	5000,000	157,700	154,180	5001,000	157,700	5001,000
BT	0,000	5001,010	157,700	155,260	5002,800	57,710	155,270	5002,810	157,710	5002,810
BT	0,000	5007,070	157,730	155,290	5014,140	57,750	155,320	5014,560	157,750	5014,560
BT	0,000	5014,570	157,760	150,740	5028,410	37,830	150,740	5028,420	157,730	5028,420
BT	0,000	5041,900	157,910	155,500	5041,910	115,7910	152,130	5042,770	157,920	5042,770
BT	0,000	5042,780	157,370	152,510	5055,000	157,900	157,900	5073,000	160,000	5073,000
BT	0,000	5283,000	164,000	164,000	5323,000	168,000	168,000	5370,000	184,000	5370,000
X1	66774,000	0,000	0,000	0,000	18,000	18,000	18,000	0,000	0,000	0,000
X2	0,000	0,000	0,000	0,000	0,000	0,000	1,000	0,000	0,000	0,000
MC	66775,000	0,000	0,000	0,000	1,000	1,000	1,000	0,000	0,000	0,000
X1	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	66815,000	18,000	4992,000	5055,000	40,000	40,000	40,000	5001,010	152,390	5002,810
GR	184,000	4855,000	160,000	4970,000	157,900	4992,000	153,710	5014,570	150,740	5028,410
GR	151,360	5007,070	150,720	5014,140	157,900	5014,560	150,740	5014,570	150,740	5028,410
GR	150,740	5028,420	151,520	5035,400	152,130	5041,900	157,900	5055,000	160,000	5073,000
GR	164,000	5283,000	168,000	5323,000	184,000	5370,000	168,000	5370,000	184,000	5370,000
MC	68379,000	140	4999,990	5031,520	1664,000	1189,000	1564,000	0,000	0,000	0,000
X1	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X3	188,000	4800,000	176,000	4838,500	172,000	4855,500	168,000	4943,000	162,390	4995,000
GR	161,050	4999,990	156,950	5005,000	155,150	5015,000	156,500	5025,500	156,500	5025,510
GR	156,500	5026,490	156,500	5026,500	158,200	5030,000	160,570	5031,520	160,540	5035,000
GR	160,000	5091,500	160,000	5161,500	164,000	5406,500	168,000	5490,500	172,000	5495,500
GR	176,000	5538,500	183,000	5538,500	0,000	0,000	0,000	0,000	0,000	0,000
MC	68504,000	0,000	4999,990	5031,520	125,000	125,000	125,000	0,000	0,000	0,000
X1	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X3	188,000	4800,000	176,000	4838,500	172,000	4855,500	168,000	4943,000	162,390	4995,000
GR	161,050	4999,990	156,950	5005,000	158,150	5000,010	156,950	5005,000	155,130	5015,000
GR	156,500	5025,500	156,500	5025,510	156,500	5026,490	156,500	5026,500	158,200	5030,000

NC	.000	.000	.046	.000	.000	.000	.000	.000	.000	.000
X1	72258.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-21.000	4880.000	192.000	192.000	4950.000	176.000	176.000	5000.000	170.940	170.940
BT	.000	5000.010	171.590	168.390	5001.250	171.590	168.390	5001.260	171.590	168.390
BT	.000	5010.000	171.590	168.390	5020.000	171.580	168.400	5029.500	171.580	168.400
BT	.000	5029.510	171.580	165.070	5031.500	171.580	165.070	5031.510	171.580	165.070
BT	.000	5036.000	171.580	168.400	5040.000	171.590	168.400	5050.000	171.600	168.410
BT	.000	5059.500	171.610	168.410	5059.510	171.610	168.410	5059.500	171.610	168.410
BT	.000	5060.510	170.910	170.910	5130.500	176.000	176.000	5350.000	192.000	192.000
X1	72273.000	.000	.000	.000	15.000	15.000	15.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.048	.000	.000	.000	.000	.000	.000	.000
X1	72274.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	72329.000	11.000	5000.000	5060.510	55.250	55.250	55.250	.000	.270	.000
X4	2.000	176.280	4950.000	176.280	5130.500	.000	.000	.000	.000	.000
GR	192.000	4880.000	170.940	5000.000	165.910	5001.260	164.030	5010.000	163.600	5020.000
GR	165.070	5030.500	165.230	5040.000	165.270	5050.000	165.820	5059.500	170.910	5060.510
GR	192.000	5350.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.130	.170	.048	.100	.300	.000	.000	.000	.000	.000
NC	.000	.000	.000	.000	.000	.000	.000	6.410	.000	.000
X1	73515.000	24.000	5549.500	5649.500	1061.250	1186.250	1186.000	.000	.000	.000
GR	200.000	4730.000	181.000	5235.000	180.000	5260.000	178.000	5310.000	176.000	5350.000
GR	173.000	5500.000	173.030	5524.500	172.580	5549.500	171.220	5570.500	170.000	5575.500
GR	169.470	5584.000	169.660	5594.500	169.700	5604.500	169.400	5614.500	168.900	5624.500
GR	169.090	5634.500	169.070	5644.500	170.000	5647.500	173.070	5649.500	174.760	5659.500
GR	180.000	5665.000	183.000	5680.000	184.000	5690.000	200.000	5850.000	.000	.000
NC	.150	.170	.000	.000	.000	.000	.000	.000	.000	.000
X1	74564.000	26.000	5000.000	5067.010	874.000	1074.000	1049.000	.000	.060	.000
GR	220.000	4603.000	200.000	4613.000	175.000	4623.000	192.000	4638.000	188.000	4703.000
GR	184.000	4790.000	180.000	4940.000	180.110	5000.000	172.150	5001.010	171.770	5010.000
GR	170.570	5023.000	170.570	5025.010	169.200	5030.000	172.960	5040.000	171.710	5046.500
GR	171.710	5046.510	171.710	5048.510	172.100	5060.000	173.770	5065.500	180.120	5067.010
GR	184.000	5156.000	188.000	5194.000	192.000	5224.000	196.000	5246.000	200.000	5446.000
GR	220.000	5546.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	74807.000	34.000	5000.000	5067.010	243.000	243.000	243.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.000	180.120	.000
GR	220.000	4603.000	200.000	4613.000	196.000	4623.000	192.000	4638.000	188.000	4703.000
GR	184.000	4790.000	180.000	4940.000	180.110	5000.000	178.360	5000.010	178.360	5001.000
GR	172.150	5001.010	171.770	5010.000	170.570	5023.000	170.570	5023.010	170.570	5025.000
GR	170.570	5025.010	169.200	5030.000	171.080	5035.000	172.960	5040.000	171.710	5046.500
GR	171.710	5046.510	171.710	5048.500	171.710	5048.510	172.100	5060.000	173.770	5065.500
GR	177.680	5065.510	177.680	5067.000	180.120	5067.010	184.000	5156.000	188.000	5194.000
GR	192.000	5224.000	196.000	5246.000	200.000	5446.000	220.000	5546.000	.000	.000

NC	.000	.000	.046	.000	.000	.000	.000	.000	.000	.000
X1	74808.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-34.000	4603.000	220.000	220.000	4613.000	200.000	200.000	4623.000	196.000	196.000
BT	.000	4638.000	192.000	192.000	4703.000	188.000	188.000	4790.000	184.000	184.000
BT	.000	4940.000	180.000	180.000	5000.000	180.110	180.110	5000.010	180.660	178.360
BT	.000	5001.000	180.630	178.360	5001.010	180.630	178.360	5010.000	180.340	178.000
BT	.000	5023.000	179.920	177.490	5023.010	179.920	170.570	5025.000	179.880	170.570
BT	.000	5025.010	179.880	177.460	5030.000	179.850	177.510	5035.000	179.820	177.560
BT	.000	5040.000	179.780	177.610	5046.500	179.740	177.670	5046.510	179.740	171.710
BT	.000	5048.500	179.780	171.710	5048.510	179.780	177.680	5060.000	180.360	177.680
BT	.000	5065.500	180.630	177.680	5065.510	180.640	177.680	5067.000	180.710	177.680
BT	.000	5067.010	180.120	180.120	5156.000	184.000	184.000	5194.000	188.000	188.000
BT	.000	5224.000	192.000	192.000	5246.000	196.000	196.000	5446.000	200.000	200.000
BT	.000	5546.000	220.000	220.000	.000	.000	.000	.000	.000	.000
X1	74822.000	.000	.000	.000	14.000	14.000	14.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.048	.000	.000	.000	.000	.000	.000	.000
X1	74823.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	74883.000	26.000	5000.000	5067.010	60.000	60.000	60.000	.000	.360	.000
GR	220.000	4603.000	200.000	4613.000	196.000	4623.000	192.000	4638.000	188.000	4703.000
GR	184.000	4790.000	180.000	4940.000	180.110	5000.000	172.150	5001.010	171.770	5010.000
GR	170.570	5023.000	170.570	5025.010	169.200	5030.000	172.960	5040.000	171.710	5046.500
GR	171.710	5046.510	171.710	5048.510	172.100	5060.000	173.770	5065.500	180.120	5067.010
GR	184.000	5156.000	188.000	5194.000	192.000	5224.000	196.000	5246.000	200.000	5446.000
GR	220.000	5546.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.145	.145	.000	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4930.000	5600.000
X1	75565.000	31.000	5369.000	5472.000	707.000	682.000	682.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	220.000	4992.000	184.000	5030.000	187.000	5055.000	180.000	5075.000	180.000	5110.000
GR	182.000	5150.000	184.000	5250.000	184.000	5365.000	180.110	5369.000	179.250	5379.000
GR	176.720	5390.000	174.000	5391.000	173.300	5399.000	173.120	5409.000	173.180	5419.000
GR	173.370	5429.000	173.800	5439.000	174.000	5449.000	174.000	5453.000	175.010	5456.000
GR	177.800	5460.000	182.350	5472.000	183.000	5510.000	184.000	5520.000	184.000	5620.000
GR	186.000	5740.000	187.000	5875.000	188.000	5980.000	192.000	6050.000	196.000	6070.000
GR	220.000	6100.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.170	.160	.046	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4895.000	5320.000
X1	78043.000	18.000	5000.000	5057.010	2412.750	2237.750	2478.000	.000	.640	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X4	2.000	187.270	4940.000	191.270	5137.000	.000	.000	.000	.000	.000
GR	220.000	4661.000	212.000	4681.000	208.000	4691.000	204.000	4706.000	200.000	4816.000
GR	196.000	4886.000	192.000	4918.000	186.920	5000.000	181.780	5011.000	181.200	5046.000
GR	183.550	5055.000	187.330	5057.010	196.000	5277.000	200.000	5422.000	204.000	5487.000
GR	208.000	5527.000	212.000	5552.000	220.000	5569.000	.000	.000	.000	.000

MC	80521.000	.170	35.000	.044	5069.010	.000	796.500	.000	971.500	.000	891.000	.000	.000	.000
X1	220.000	4888.000	5000.000	216.000	4894.000	212.000	4900.000	212.000	4900.000	212.000	4920.000	208.000	4927.000	.000
GR	204.000	4933.000	200.000	193.000	4942.000	196.000	4965.000	196.600	5000.000	5000.000	5000.000	195.880	5000.010	.000
GR	195.490	5001.000	193.640	5001.010	5001.010	193.060	5002.000	189.320	5005.000	5031.000	5031.000	190.520	5042.000	.000
GR	190.490	5020.000	190.490	5020.010	5020.010	190.430	5027.000	191.780	5031.000	5062.000	194.350	5067.400	5067.400	.000
GR	191.780	5043.000	193.030	5050.000	5050.000	192.330	5058.000	193.640	5164.000	5164.000	200.000	5249.000	5249.000	.000
GR	195.600	5067.410	195.600	5069.000	5069.000	195.630	5069.010	195.000	5365.000	5365.000	220.000	5428.000	5428.000	.000
GR	204.000	5345.000	208.000	5355.000	5355.000	212.000	5365.000	216.000	5423.000	5423.000	220.000	5428.000	5428.000	.000
MC	80740.000	.000	37.000	.000	5069.010	.300	219.000	.500	219.000	.000	219.000	.000	.000	.000
X1	10.000	4888.000	216.000	.000	4894.000	.000	4900.000	212.000	4900.000	212.000	4920.000	208.000	4927.000	.000
X3	220.000	4933.000	200.000	193.000	4942.000	196.000	4965.000	190.520	5001.000	5010.000	5031.000	190.490	5042.000	.000
GR	204.000	5001.000	193.050	5002.000	5002.000	189.320	5027.010	190.290	5031.000	5050.010	192.330	5058.000	5058.000	.000
GR	190.490	5020.010	190.430	5043.010	5043.010	193.030	5050.000	193.030	5067.410	5067.410	196.630	5069.010	5069.010	.000
GR	191.780	5062.000	194.350	5067.400	5067.400	195.630	5067.410	195.630	5365.000	5365.000	212.000	5365.000	5365.000	.000
GR	195.600	5164.000	200.000	5249.000	5249.000	204.000	5345.000	204.000	5423.000	5423.000	220.000	5428.000	5428.000	.000
GR	216.000	5423.000	220.000	5428.000	5428.000	.000	5428.000	.000	5428.000	5428.000	.000	5428.000	5428.000	.000
MC	80741.000	.000	.000	.043	220.000	.000	4894.000	1.000	1.000	.000	1.000	.000	.000	.000
X1	-35.000	4888.000	220.000	.000	4920.000	212.000	4927.000	208.000	4933.000	4933.000	204.000	204.000	204.000	.000
BT	.000	4920.000	212.000	196.000	4965.000	195.490	5002.000	196.510	5002.000	5002.000	196.600	196.510	196.510	.000
BT	.000	5000.010	196.600	195.880	5001.006	5020.010	194.820	190.430	5027.000	5027.000	194.740	194.740	194.740	.000
BT	.000	5020.000	194.820	193.790	5031.000	194.930	194.930	193.920	5050.000	5050.000	196.380	196.380	196.380	.000
BT	.000	5027.010	194.740	193.450	5043.010	191.780	5062.000	196.330	5069.000	5069.000	200.000	196.630	196.630	.000
BT	.000	5050.010	196.380	195.860	5067.410	196.160	5249.000	200.000	5365.000	5365.000	212.000	212.000	212.000	.000
BT	.000	5067.400	196.630	196.630	5069.010	204.000	5345.000	204.000	5423.000	5423.000	220.000	5428.000	5428.000	.000
BT	.000	5069.010	204.000	204.000	5249.000	208.000	5355.000	208.000	5423.000	5423.000	220.000	5428.000	5428.000	.000
BT	.000	5345.000	204.000	216.000	5423.000	.000	5428.000	.000	5428.000	5428.000	.000	5428.000	5428.000	.000
BT	.000	5423.000	216.000	5428.000	5428.000	.000	5428.000	.000	5428.000	5428.000	.000	5428.000	5428.000	.000
X1	80758.000	.000	.000	.000	17.000	.000	17.000	1.000	.000	.000	.000	.000	.000	.000
X2	.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	80759.000	.000	.000	.044	.000	.000	1.000	.000	.000	.000	.000	.000	.000	.000
X1	10.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	80813.000	35.000	5000.000	5069.010	54.000	54.000	4900.000	212.000	4920.000	208.000	4927.000	.000	.000	.000
GR	220.000	4888.000	216.000	4894.000	212.000	212.000	4965.000	189.320	5005.000	5010.000	191.780	5042.000	5042.000	.000
GR	204.000	4933.000	200.000	4942.000	4942.000	193.060	5027.000	190.290	5031.000	5062.000	194.350	5067.400	5067.400	.000
GR	195.490	5001.000	190.490	5020.010	5020.010	190.430	5058.000	193.640	5164.000	5164.000	200.000	5249.000	5249.000	.000
GR	190.490	5020.000	193.030	5050.000	5050.000	192.330	5069.010	195.000	5365.000	5365.000	220.000	5428.000	5428.000	.000
GR	191.780	5043.000	193.030	5067.410	5067.410	195.630	5067.410	195.630	5365.000	5365.000	220.000	5428.000	5428.000	.000
GR	195.600	5067.410	195.600	5069.000	5069.000	195.630	5069.010	195.000	5365.000	5365.000	220.000	5428.000	5428.000	.000
GR	204.000	5345.000	208.000	5355.000	5355.000	212.000	5365.000	216.000	5423.000	5423.000	220.000	5428.000	5428.000	.000
GR	204.000	5345.000	208.000	5355.000	5355.000	212.000	5365.000	216.000	5423.000	5423.000	220.000	5428.000	5428.000	.000
EJ	204.000	5345.000	208.000	5355.000	5355.000	212.000	5365.000	216.000	5423.000	5423.000	220.000	5428.000	5428.000	.000

THIS RUN EXECUTED 02-24-86 06:49:38

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	8.	0.	0.	.000000	.00	.0	0.	148.800	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-24-86 06:50:55

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

JOHNS RIVER

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
57138.000	147.98	.00	148.64	677.28	3976.25	11785.75	3416.01	.00	.00	4990.00	5070.00	.00
57138.000	148.80	.82	149.53	395.00	3910.07	12574.33	2693.60	395.00	4765.00	4990.00	5070.00	5160.00
60485.000	156.12	.00	157.21	594.22	8550.19	12017.83	135.98	.00	.00	5510.00	5580.00	.00
60485.000	157.05	.93	158.08	465.81	8492.23	12211.77	.00	.09	5114.19	5510.00	5580.00	5580.00
61282.000	158.46	.00	160.62	247.30	4881.80	14453.63	1368.57	.00	.00	5000.00	5052.40	.00
61282.000	159.23	.77	161.49	170.70	4643.54	15052.56	1007.90	.06	4906.85	5000.00	5052.40	5077.56
61478.000	159.93	.00	161.54	258.73	5296.48	13886.51	1521.01	.00	.00	5000.00	5052.40	.00
61478.000	160.67	.74	162.39	180.13	5149.45	14498.33	1056.23	.05	4897.73	5000.00	5052.40	5077.86
61479.000	161.00	.00	161.79	266.71	8258.17	10027.73	2418.10	.00	.00	5000.00	5052.40	.00
61479.000	161.82	.82	162.66	201.04	8241.03	10473.48	1989.49	.06	4888.85	5000.00	5052.40	5089.89
61491.000	161.09	.00	161.87	267.40	8271.08	10007.15	2425.76	.00	.00	5000.00	5052.40	.00
61491.000	161.91	.82	162.73	201.62	8251.89	10452.10	2000.01	.06	4888.57	5000.00	5052.40	5090.20
61492.000	160.77	.00	162.20	264.98	5436.21	13682.49	1585.29	.00	.00	5000.00	5052.40	.00
61492.000	161.57	.80	163.08	187.08	5304.12	14265.37	1134.51	.05	4894.60	5000.00	5052.40	5081.68
61540.000	160.86	.00	162.38	264.33	5305.67	13852.57	1545.76	.00	.00	5000.00	5052.40	.00
61540.000	161.65	.79	163.26	185.03	5161.51	14455.68	1086.81	.05	4895.43	5000.00	5052.40	5080.46
63705.000	164.48	.00	164.75	954.45	6957.75	13224.28	521.97	.00	.00	5655.00	5808.00	.00
63705.000	165.33	.85	165.60	639.59	6971.31	13732.69	.00	.07	5168.41	5655.00	5808.00	5808.00
64980.000	165.82	.00	167.27	468.10	5117.23	13164.61	2422.15	.00	.00	5000.00	5062.01	.00
64980.000	166.56	.75	168.12	319.76	4948.42	13837.82	1917.76	.08	4823.42	5000.00	5062.01	5143.18
65204.000	166.90	.00	168.13	476.23	5373.89	12773.46	2556.65	.00	.00	5000.00	5062.01	.00
65204.000	167.65	.74	168.95	332.81	5222.73	13399.53	2081.74	.07	4817.16	5000.00	5062.01	5149.98

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
65205.000	167.89	.00	168.36	488.58	8662.86	7888.99	4152.15	.00	.00	5000.00	5062.01	.00
65205.000	168.66	.77	169.19	361.11	8020.70	8567.18	4116.12	.06	4811.37	5000.00	5052.01	5172.48
65225.000	168.02	.00	168.48	490.20	8691.32	7842.50	4170.18	.00	.00	5000.00	5062.01	.00
65225.000	168.80	.77	169.31	363.46	8048.03	8519.87	4136.10	.05	4810.62	5000.00	5062.01	5174.08
65226.000	167.74	.00	168.77	486.78	5622.33	12389.73	2691.94	.00	.00	5000.00	5062.01	.00
65226.000	168.51	.77	169.60	347.12	5490.47	12963.78	2249.75	.07	4810.49	5000.00	5062.01	5157.61
65281.000	167.87	.00	168.93	486.66	5571.52	12465.05	2667.42	.00	.00	5000.00	5062.01	.00
65281.000	168.64	.77	169.76	346.25	5434.55	13047.25	2222.20	.07	4810.89	5000.00	5062.01	5157.14
66592.000	171.26	.00	172.47	419.35	1415.77	13100.00	6188.24	.00	.00	4992.00	5055.00	.00
66592.000	171.90	.65	173.19	312.43	901.14	13640.47	6162.38	.06	4969.65	4992.00	5055.00	5282.08
66755.000	171.74	.00	172.93	420.23	1427.42	13033.01	6243.57	.00	.00	4992.00	5055.00	.00
66755.000	172.37	.63	173.63	313.80	907.55	13579.27	6217.18	.06	4969.18	4992.00	5055.00	5282.98
66756.000	172.12	.00	173.02	423.24	2821.12	10327.83	7555.05	.00	.00	4992.00	5055.00	.00
66756.000	172.78	.65	173.73	329.25	2246.18	10812.52	7645.29	.06	4957.18	4992.00	5055.00	5286.43
66774.000	172.26	.00	173.13	424.23	2831.74	10285.40	7586.85	.00	.00	4992.00	5055.00	.00
66774.000	172.90	.65	173.83	330.23	2259.21	10771.48	7673.31	.06	4956.83	4992.00	5055.00	5287.06
66775.000	172.04	.00	173.35	422.53	1912.49	13671.70	5119.81	.00	.00	4992.00	5055.00	.00
66775.000	172.67	.63	174.07	317.26	1405.15	14282.35	5016.50	.05	4961.47	4992.00	5055.00	5273.73
66815.000	172.14	.00	173.47	422.26	1904.16	13703.08	5096.76	.00	.00	4992.00	5055.00	.00
66815.000	172.76	.63	174.19	316.16	1390.32	14323.29	4990.39	.06	4961.85	4992.00	5055.00	5278.01
68379.000	175.70	.00	175.98	667.24	1940.74	4782.63	13980.63	.00	.00	4999.99	5031.52	.00
68379.000	176.35	.64	176.64	534.31	1497.07	4977.77	14229.16	.06	4926.95	4999.99	5031.52	5461.26
68504.000	175.88	.00	176.14	666.16	1927.23	4706.29	14070.48	.00	.00	4999.99	5031.52	.00
68504.000	176.52	.64	176.80	531.89	1478.52	4897.96	14327.52	.06	4928.75	4999.99	5031.52	5460.64
68505.000	176.07	.00	176.19	667.41	2203.13	2665.75	15835.12	.00	.00	4999.99	5031.52	.00
68505.000	176.72	.65	176.85	542.89	1766.11	2776.40	16161.48	.06	4921.61	4999.99	5031.52	5464.50
68525.000	176.10	.00	176.22	667.58	2208.02	2663.05	15832.93	.00	.00	4999.99	5031.52	.00
68525.000	176.75	.65	176.88	542.89	1768.79	2774.51	16160.70	.06	4921.55	4999.99	5031.52	5464.44
68526.000	176.03	.00	176.29	667.19	1951.99	4681.03	14070.98	.00	.00	4999.99	5031.52	.00
68526.000	176.68	.65	176.95	534.97	1511.07	4867.99	14325.04	.06	4926.56	4999.99	5031.52	5461.54
68557.000	176.06	.00	176.34	666.86	1931.01	4792.48	13980.51	.00	.00	4999.99	5031.52	.00
68557.000	176.71	.64	177.00	534.58	1493.90	4983.17	14226.93	.06	4926.92	4999.99	5031.52	5461.50
72032.000	183.02	.00	185.59	317.36	1585.95	16251.71	2866.34	.00	.00	5000.00	5060.51	.00
72032.000	183.46	.44	186.35	170.63	1068.58	17172.25	2463.16	.06	4963.50	5000.00	5050.51	5134.14

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
72257.000	184.71	.00	186.78	338.02	1734.01	15763.89	3206.10	.00	.00	5000.00	5060.51	.00
72257.000	185.32	.61	187.60	188.01	1256.89	16587.49	2859.62	.06	4938.23	5000.00	5060.51	5146.24
72258.000	185.33	.00	187.11	373.30	3308.79	11169.92	6245.29	.00	.00	5000.00	5060.51	.00
72258.000	185.34	.00	187.86	309.62	2946.77	12715.56	3841.67	.00	.00	5000.00	5060.51	.00
72273.000	185.30	.00	187.26	566.81	3305.57	11098.79	6299.64	.00	.00	5000.00	5060.51	.00
72273.000	186.69	.39	188.05	373.83	2970.56	12668.15	5065.29	.00	.00	5000.00	5060.51	.00
72274.000	185.94	.00	187.63	360.35	1860.42	15321.37	3522.21	.00	.00	5000.00	5060.51	.00
72274.000	186.44	.50	188.31	205.28	1403.58	16094.85	3205.57	.06	4953.44	5000.00	5060.51	5158.72
72329.000	186.09	.00	187.84	358.06	1823.31	15437.31	3443.38	.03	.00	5000.00	5060.51	.00
72329.000	186.58	.50	188.52	202.84	1343.93	16221.79	3118.28	.06	4954.16	5000.00	5060.51	5157.00
73515.000	189.10	.00	189.46	721.31	831.30	11738.65	504.05	.00	.00	5549.50	5649.50	.00
73515.000	189.92	.82	190.26	415.76	8881.02	11822.98	.00	.06	5233.75	5549.50	5649.50	5649.50
74564.000	190.06	.00	191.41	541.42	5096.03	13901.04	1706.93	.00	.00	5000.00	5067.01	.00
74564.000	190.84	.78	192.28	331.96	4987.16	14584.57	1132.28	.08	4792.21	5000.00	5067.01	5124.17
74807.000	191.21	.00	192.25	567.28	5617.40	13171.79	1914.81	.00	.00	5000.00	5067.01	.00
74807.000	191.99	.77	193.09	354.86	5513.73	13804.66	1385.61	.07	4780.29	5000.00	5067.01	5135.15
74808.000	192.00	.00	192.43	586.05	8959.69	8658.32	3086.00	.00	.00	5000.00	5067.01	.00
74808.000	192.82	.82	193.29	398.52	9076.19	9080.98	2546.84	.08	4752.69	5000.00	5067.01	5151.21
74822.000	192.08	.00	192.51	586.71	8982.06	8625.51	3096.44	.00	.00	5000.00	5067.01	.00
74822.000	192.89	.82	193.36	399.03	9095.47	9058.81	2549.72	.08	4752.20	5000.00	5067.01	5151.23
74823.000	191.84	.00	192.75	582.28	5852.45	12839.81	2011.75	.00	.00	5000.00	5067.01	.00
74823.000	192.65	.81	193.61	371.38	5776.25	13422.51	1505.24	.07	4769.26	5000.00	5067.01	5140.64
74883.000	191.95	.00	192.92	576.26	5678.97	13079.23	1945.81	.00	.00	5000.00	5067.01	.00
74883.000	192.75	.80	193.78	363.93	5586.25	13685.66	1432.10	.07	4774.21	5000.00	5067.01	5138.14
75565.000	193.52	.00	193.81	1037.66	4983.90	10787.30	4932.80	.00	.00	5369.00	5472.00	.00
75565.000	194.34	.82	194.75	580.91	6113.26	12589.14	2001.60	670.00	4930.00	5369.00	5472.00	5600.00
78043.000	197.36	.00	200.21	498.49	2992.95	14413.55	3297.50	.00	.00	5000.00	5057.01	.00
78043.000	198.38	1.02	200.64	425.00	3021.29	13915.58	3767.13	425.00	4895.00	5000.00	5057.01	5320.00
78246.000	199.81	.00	201.61	595.69	3326.71	13163.92	4213.37	.00	.00	5000.00	5057.01	.00
78246.000	199.90	.08	201.74	425.00	3169.26	13303.05	4231.69	425.00	4895.00	5000.00	5057.01	5320.00
78247.000	201.45	.00	202.00	669.08	5031.60	8650.65	7021.75	.00	.00	5000.00	5057.01	.00
78247.000	201.48	.03	202.11	425.00	4748.56	9032.72	6922.72	425.00	4895.00	5000.00	5057.01	5320.00
78263.000	201.56	.00	202.09	674.32	5040.48	8589.47	7074.05	.00	.00	5000.00	5057.01	.00
78263.000	201.60	.04	202.22	425.00	4748.24	8980.01	6966.75	425.00	4895.00	5000.00	5057.01	5320.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
78264.000	201.19	.00	202.48	657.98	3501.22	12378.05	4824.73	.00	.00	5000.00	5057.01	.00
78264.000	201.06	.13	202.76	325.65	2339.78	13521.57	4342.65	.10	4923.60	5000.00	5057.01	5249.25
78264.000	201.11	.00	202.44	450.17	3505.69	12387.43	4427.87	.00	.00	5000.00	5057.01	.00
78264.000	201.11	.10	202.99	319.59	2770.10	12339.85	4130.97	.10	4925.30	5000.00	5057.01	5244.89
79630.000	205.57	.00	205.80	614.27	6731.65	11989.57	3802.77	.00	.00	5423.50	5498.50	.00
79630.000	205.53	.56	206.52	445.31	6551.17	12957.92	1194.91	.10	5107.36	5423.50	5498.50	5552.66
80521.000	206.91	.00	208.40	426.08	1635.92	13242.01	5826.07	.00	.00	5000.00	5069.01	.00
80521.000	207.52	.61	209.29	278.54	761.32	14407.61	5535.07	.10	4970.84	5000.00	5069.01	5249.38
80740.000	207.73	.00	209.20	426.93	1672.73	13271.68	5759.59	.00	.00	5000.00	5069.01	.00
80740.000	208.39	.66	210.12	283.17	806.96	14435.23	5461.81	.10	4969.80	5000.00	5069.01	5252.98
80741.000	208.85	.00	209.46	431.63	2541.22	9276.94	8885.84	.00	.00	5000.00	5069.01	.00
80741.000	209.78	.93	210.45	324.77	1855.21	9992.65	8856.14	.10	4959.54	5000.00	5069.01	5284.31
80758.000	208.97	.00	209.56	432.12	2545.25	9246.51	8912.24	.00	.00	5000.00	5069.01	.00
80758.000	209.89	.92	210.54	326.39	1861.74	9955.57	8886.69	.10	4959.25	5000.00	5069.01	5285.64
80759.000	208.66	.00	209.88	430.79	1722.62	12972.66	6008.73	.00	.00	5000.00	5069.01	.00
80759.000	209.53	.87	210.92	299.42	912.43	14017.27	5774.30	.09	4966.44	5000.00	5069.01	5265.86
80813.000	208.84	.00	210.04	430.87	1699.61	12878.81	6125.58	.00	.00	5000.00	5069.01	.00
80813.000	209.72	.87	211.08	298.94	894.01	13914.66	5895.33	.09	4966.61	5000.00	5069.01	5265.55

02-24-86 06:47:53

FLOODWAY DATA, JOHNS RIVER
PROFILE NO. 2

ELEVATION	FLOODWAY AREA	VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
			WITH FLOODWAY	WITHOUT FLOODWAY	
57138.000	4652.	4.1	148.8	148.0	.8
60485.000	4404.	4.7	157.0	156.1	.9
61282.000	2662.	7.8	159.3	158.5	.8
61478.000	3044.	6.8	160.6	159.9	.7
61479.000	3391.	6.1	161.8	161.0	.8
61491.000	3412.	6.1	161.9	161.1	.8
61492.000	3286.	6.3	161.6	160.8	.8
61540.000	3232.	6.4	161.7	160.9	.8
63705.000	640.	2.6	165.4	164.5	.9
64980.000	3719.	5.6	166.5	165.8	.7
65204.000	333.	5.1	167.6	166.9	.7
65205.000	4456.	4.8	168.7	167.9	.8
65225.000	4528.	4.6	168.8	168.0	.8
65226.000	347.	4.6	168.5	167.7	.8
65281.000	4450.	4.7	168.7	167.9	.8
65592.000	3921.	5.3	171.9	171.3	.6
65755.000	3964.	5.2	172.3	171.7	.6
66756.000	329.	5.1	172.8	172.1	.7
66774.000	4096.	5.1	172.9	172.3	.6
66775.000	4110.	5.0	172.6	172.0	.6
66815.000	316.	5.1	172.7	172.1	.6
68379.000	534.	2.7	176.3	175.7	.6
68504.000	532.	2.7	176.5	175.9	.6
68505.000	543.	2.6	176.8	176.1	.7
68525.000	543.	2.6	176.7	176.1	.6
68526.000	7816.	2.6	176.6	176.0	.6
68557.000	7777.	2.7	176.7	176.1	.6
72032.000	2328.	8.9	183.4	183.0	.4
72257.000	2714.	7.6	185.3	184.7	.6
72258.000	2901.	7.1	186.4	186.1	.3
72273.000	2954.	7.0	186.7	186.3	.4
72274.000	3087.	6.7	186.4	185.9	.5
72329.000	3037.	6.8	186.6	186.1	.5
73515.000	6453.	3.2	189.9	189.1	.8
74564.000	3798.	5.5	190.9	190.1	.8
74807.000	4350.	4.8	192.0	191.2	.8
74808.000	4827.	4.3	192.8	192.0	.8
74822.000	4855.	4.3	192.9	192.1	.8
74823.000	371.	4.4	192.6	191.8	.8
74883.000	4724.	4.5	192.7	191.9	.8
75565.000	364.	2.9	194.3	193.5	.8
78043.000	7220.	2.9	194.3	193.5	.8
	3539.	5.8	198.4	197.4	1.0

FLOODWAY DATA, JOHNS RIVER
PROFILE NO. 2

STATION	AREA	VELOCITY	FLOODWAY		WATER SURFACE ELEVATION	
			WITH FLOODWAY	WITHOUT FLOODWAY	WITH FLOODWAY	WITHOUT FLOODWAY
78246.000	425.	5.3	199.9	199.8	.1	
78247.000	425.	4.6	201.4	201.4	.0	
78263.000	425.	4.6	201.6	201.6	.0	
78264.000	326.	5.4	201.2	201.2	.0	
78314.000	320.	5.5	201.3	201.3	.0	
79630.000	445.	4.1	205.6	205.0	.6	
80521.000	279.	5.9	207.5	206.9	.6	
80740.000	283.	5.8	208.4	207.7	.7	
80741.000	325.	4.8	209.8	208.9	.9	
80758.000	326.	4.8	209.9	209.0	.9	
80759.000	299.	5.1	209.6	208.7	.9	
80813.000	299.	5.0	209.7	208.8	.9	

THIS RUN EXECUTED 02-23-86 15:06:00

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRWS	EG	10K*S	VCH	AREA	.01K
1440.000	.00	.00	.00	27.40	37834.00	54.07	.00	54.89	17.02	7.80	9285.63	9171.55
4221.800	2781.75	.00	.00	31.81	19178.00	56.95	.00	57.30	5.67	5.20	6771.44	8052.98
4602.800	381.00	.00	.00	32.43	19178.00	57.16	.00	57.66	8.99	6.46	6395.97	6396.44
4603.800	1.00	41.57	72.00	32.43	19178.00	57.45	.00	57.72	26.60	5.35	6326.11	3718.72
4616.300	12.50	41.57	72.00	32.43	19178.00	57.48	.00	57.76	26.42	5.33	6343.28	3731.40
4617.300	1.00	.00	.00	32.43	19178.00	57.38	.00	57.86	8.61	6.36	6531.82	6537.41
4711.800	94.50	.00	.00	32.67	19178.00	57.60	.00	57.96	5.91	5.27	6640.82	7889.77
6685.000	1973.25	.00	.00	37.30	19178.00	60.09	.00	61.62	27.61	10.39	2658.88	3649.69
13035.000	6350.00	.00	.00	50.50	19178.00	74.62	.00	75.58	18.14	8.94	4442.34	4502.39
20480.000	7445.00	.00	.00	63.30	19178.00	86.67	.00	87.64	14.61	8.22	3227.67	5016.68
26600.000	6120.00	.00	.00	72.60	19178.00	92.93	.00	93.18	6.44	4.67	10013.27	7559.86
32595.000	5995.00	.00	.00	78.10	19178.00	98.03	.00	98.47	11.03	6.04	7630.01	5773.55
33538.000	943.20	.00	.00	79.96	18517.00	99.20	.00	99.82	16.42	6.38	3499.56	4570.18
34429.000	891.00	.00	.00	81.74	18517.00	100.75	.00	101.44	19.23	6.65	2804.03	4222.16
34430.000	1.00	100.21	109.00	81.74	18517.00	100.67	.00	101.53	43.57	7.46	2493.23	2805.35
34460.000	29.60	100.21	109.00	81.74	18517.00	100.81	.00	101.67	43.86	7.41	2518.87	2795.88
34461.000	1.00	.00	.00	81.74	18517.00	101.08	.00	101.73	17.80	6.48	2903.36	4389.36

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	U	EG	10K*S	VCH	AREA	.01K	
34683.000	222.00	.00	.00	82.22	18517.00	101.50	.00	102.12	16.13	6.35	3527.03	4610.76
36645.000	1962.00	.00	.00	86.20	18517.00	104.93	.00	106.10	22.77	8.96	2669.10	3880.62
38705.000	2060.00	.00	.00	90.00	19178.00	109.83	.00	110.91	23.92	9.05	3618.62	3921.40

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1440.000	37834.00	54.07	.00	.00	19.07	1503.58	.00
4221.800	19178.00	56.95	.00	2.88	.00	614.75	2781.75
4602.800	19178.00	57.16	.00	.21	.00	607.00	381.00
4603.800	19178.00	57.45	.00	.29	.00	612.43	1.00
4616.300	19178.00	57.48	.00	.04	.00	612.95	12.50
4617.300	19178.00	57.38	.00	-.10	.00	611.18	1.00
4711.800	19178.00	57.60	.00	.22	.00	610.75	94.50
6685.000	19178.00	60.09	.00	2.49	.00	274.59	1973.25
13035.000	19178.00	74.62	.00	14.53	.00	427.95	6350.00
20480.000	19178.00	86.67	.00	12.05	.00	230.05	7445.00
26600.000	19178.00	92.93	.00	6.25	.00	1294.35	6120.00
32595.000	19178.00	98.03	.00	5.10	.00	1483.69	5995.00
33538.000	18517.00	99.20	.00	1.17	.00	499.44	943.20
34429.000	18517.00	100.75	.00	1.55	.00	285.34	891.00
34430.000	18517.00	100.67	.00	-.09	.00	274.53	1.00
34460.000	18517.00	100.81	.00	.14	.00	292.79	29.60
34461.000	18517.00	101.08	.00	.27	.00	326.38	1.00
34683.000	18517.00	101.50	.00	.43	.00	503.60	222.00
36645.000	18517.00	104.93	.00	3.43	.00	215.14	1962.00
38705.000	19178.00	109.83	.00	4.90	.00	396.99	2060.00

THIS RUN EXECUTED 02-23-86 15:08:12

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST, 1985

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

JOHNS RIVER

SUMMARY PRINTOUT TABLE 15J

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CR1WS	EG	10K*S	VCH	AREA	.01K
38705.000	.00	.00	.00	90.00	19178.00	109.83	.00	110.92	23.91	9.05	3619.50	3922.43
40466.000	1761.00	.00	.00	92.82	19178.00	113.40	.00	114.16	14.78	7.25	3457.08	4987.85
40819.000	353.00	.00	.00	93.40	19178.00	113.84	.00	115.15	27.76	9.75	3105.92	3640.07
40820.000	1.00	102.91	124.00	93.40	19178.00	114.04	.00	115.20	114.19	9.76	2887.71	1794.72
40840.000	20.00	102.91	124.00	93.40	19178.00	114.35	.00	115.44	105.44	9.50	2982.94	1867.67
40841.000	1.00	.00	.00	93.40	19178.00	114.28	.00	115.52	24.52	9.49	3241.84	3872.97
40929.000	87.50	.00	.00	93.60	19178.00	115.14	.00	115.82	11.73	6.83	3761.39	5598.78
42623.000	1694.50	.00	.00	97.02	19178.00	117.70	.00	119.19	25.15	10.54	3252.22	3824.24
42812.000	189.00	.00	.00	97.43	19178.00	118.05	.00	120.14	46.61	13.46	3152.97	2809.15
42813.000	1.00	103.26	128.00	97.43	19178.00	119.38	.00	120.45	80.84	10.66	3480.52	2133.03
42837.000	24.00	103.26	128.00	97.43	19178.00	119.64	.00	120.66	75.88	10.42	3568.19	2201.62
42838.000	1.00	.00	.00	97.43	19178.00	119.33	.00	120.98	36.38	12.16	3572.30	3179.48
42885.000	46.50	.00	.00	97.54	19178.00	120.16	.00	121.26	17.52	9.21	3897.31	4581.84
44354.000	1469.50	.00	.00	100.28	19178.00	122.86	.00	123.86	17.73	8.94	4277.79	4554.38
44537.000	183.00	.00	.00	100.64	19178.00	123.18	.00	124.19	17.88	8.96	4260.54	4535.78
44538.000	1.00	106.49	132.00	100.64	19178.00	123.27	.00	124.21	34.97	9.10	4083.43	3242.92
44562.000	24.00	106.49	132.00	100.64	19178.00	123.38	.00	124.30	34.09	9.02	4127.73	3284.86

SECNO	XLCH	ELTRD	ELLC	ELHIN	Q	CWSEL	CRIMS	EG	10K*S	VCH	AREA	.01K
44563.000	1.00	.00	.00	100.64	19178.00	123.35	.00	124.33	17.26	8.86	4330.39	4616.23
44608.000	45.00	.00	.00	100.74	19178.00	123.43	.00	124.41	17.37	8.88	4318.78	4601.59
45985.000	1377.00	.00	.00	103.17	19178.00	125.62	.00	126.47	12.99	7.86	3966.69	5320.66
46252.000	267.00	.00	.00	103.66	19178.00	125.96	.00	126.84	13.70	7.98	3897.68	5181.91
46253.000	1.00	110.15	136.00	103.66	19178.00	126.04	.00	126.86	46.73	8.11	3639.24	2805.39
46266.000	13.20	110.15	136.00	103.66	19178.00	126.12	.00	126.92	45.92	8.06	3666.46	2830.01
46267.000	1.00	.00	.00	103.66	19178.00	126.09	.00	126.95	13.36	7.91	3944.32	5246.08
46333.000	66.00	.00	.00	103.81	19178.00	126.18	.00	127.04	13.19	7.90	3938.19	5281.22
47989.000	1656.00	.00	.00	106.14	19178.00	128.59	.00	129.61	17.58	9.21	4422.47	4574.09
48292.000	303.00	.00	.00	106.59	19178.00	129.17	.00	130.15	17.97	9.12	4472.27	4524.20
48293.000	1.00	115.96	140.00	106.59	19178.00	129.36	.00	130.20	69.18	8.97	4348.65	2305.70
48307.000	14.00	115.96	140.00	106.59	19178.00	129.48	.00	130.30	66.97	8.87	4411.00	2343.47
48308.000	1.00	.00	.00	106.59	19178.00	129.42	.00	130.36	17.02	8.95	4597.79	4648.90
48383.000	75.90	.00	.00	106.82	19178.00	129.53	.00	130.51	16.63	9.04	4549.43	4702.70
50229.000	1846.00	.00	.00	111.83	19178.00	132.58	.00	133.19	12.62	7.34	5737.20	5397.48
50532.000	303.00	.00	.00	112.68	19178.00	132.97	.00	133.64	14.81	7.67	5433.05	4984.11
50533.000	1.00	121.26	144.00	112.68	19178.00	132.87	.00	133.74	71.01	8.92	5080.30	2275.90
50547.000	14.00	121.26	144.00	112.68	19178.00	133.00	.00	133.85	68.20	8.80	5161.69	2322.23
50548.000	1.00	.00	.00	112.68	19178.00	133.29	.00	133.92	13.61	7.45	5633.22	5198.01
50623.000	75.00	.00	.00	112.85	19178.00	133.39	.00	134.03	13.35	7.48	5601.32	5249.20
52854.000	2231.00	.00	.00	117.35	19178.00	137.45	.00	138.45	27.98	10.52	5525.23	3625.29
53008.000	154.00	.00	.00	117.67	19178.00	137.98	.00	138.89	25.62	10.08	5733.60	3788.81
53009.000	1.00	123.63	144.00	117.67	19178.00	138.71	.00	139.06	37.70	7.20	6196.60	3123.35
53021.000	12.00	123.63	144.00	117.67	19178.00	138.77	.00	139.11	37.07	7.16	6234.62	3149.87
53022.000	1.00	.00	.00	117.67	19178.00	138.56	.00	139.31	21.21	9.35	6222.19	4163.80
53060.000	37.75	.00	.00	117.79	19178.00	138.63	.00	139.41	21.81	9.54	6157.38	4106.54

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
56325.000	3265.00	.00	.00	126.90	19178.00	145.94	.00	146.91	23.77	8.50	3670.14	3933.44
56845.000	520.00	.00	.00	127.59	19178.00	147.23	.00	148.01	18.75	8.75	5136.85	4428.50
57068.000	223.00	.00	.00	127.89	19178.00	147.77	.00	148.47	20.23	8.46	5253.44	4263.51
57069.000	1.00	135.16	148.00	127.89	19178.00	147.88	.00	148.50	65.61	8.38	5142.19	2367.64
57082.000	12.50	135.16	148.00	127.89	19178.00	147.99	.00	148.59	63.31	8.27	5214.18	2410.36
57083.000	1.00	.00	.00	127.89	19178.00	148.00	.00	148.59	17.39	7.91	5405.82	4599.33
57138.000	55.00	.00	.00	128.08	19178.00	148.06	.00	148.71	15.71	8.11	5369.96	4838.70

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECHO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
38705.000	19178.00	109.83	.00	.00	.00	397.03	.00
40466.000	19178.00	113.40	.00	3.57	.00	305.04	1761.00
40819.000	19178.00	113.84	.00	.45	.00	302.72	353.00
40820.000	19178.00	114.04	.00	.20	.00	306.30	1.00
40840.000	19178.00	114.35	.00	.31	.00	311.70	20.00
40841.000	19178.00	114.28	.00	-.07	.00	310.48	1.00
40929.000	19178.00	115.14	.00	.86	.00	322.03	87.50
42623.000	19178.00	117.70	.00	2.56	.00	323.47	1694.50
42812.000	19178.00	118.05	.00	.34	.00	322.97	189.00
42813.000	19178.00	119.38	.00	1.34	.00	334.57	1.00
42837.000	19178.00	119.64	.00	.26	.00	336.85	24.00
42838.000	19178.00	119.33	.00	-.31	.00	334.14	1.00
42885.000	19178.00	120.16	.00	.83	.00	340.41	46.50
44354.000	19178.00	122.86	.00	2.70	.00	415.67	1469.50
44537.000	19178.00	123.18	.00	.32	.00	415.40	183.00
44538.000	19178.00	123.27	.00	.09	.00	415.95	1.00
44562.000	19178.00	123.38	.00	.11	.00	416.62	24.00
44563.000	19178.00	123.35	.00	-.03	.00	416.45	1.00
44608.000	19178.00	123.43	.00	.08	.00	416.28	45.00
45985.000	19178.00	125.62	.00	2.19	.00	363.52	1377.00
46252.000	19178.00	125.96	.00	.34	.00	361.57	267.00
46253.000	19178.00	126.04	.00	.08	.00	362.62	1.00
46266.000	19178.00	126.12	.00	.08	.00	363.61	13.20
46267.000	19178.00	126.09	.00	-.02	.00	363.28	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
46333.000	19178.00	126.18	.00	.09	.00	362.48	66.00
47989.000	19178.00	128.59	.00	2.41	.00	483.67	1656.00
48292.000	19178.00	129.17	.00	.58	.00	490.46	303.00
48293.000	19178.00	129.36	.00	.19	.00	500.24	1.00
48307.000	19178.00	129.48	.00	.12	.00	506.74	14.00
48308.000	19178.00	129.42	.00	-.06	.00	503.72	1.00
48383.000	19178.00	129.53	.00	.11	.00	497.26	75.00
50229.000	19178.00	132.58	.00	3.05	.00	612.30	1846.00
50532.000	19178.00	132.97	.00	.39	.00	610.91	303.00
50533.000	19178.00	132.87	.00	-.10	.00	610.60	1.00
50547.000	19178.00	133.00	.00	.13	.00	611.00	14.00
50548.000	19178.00	133.29	.00	.29	.00	611.89	1.00
50623.000	19178.00	133.39	.00	.10	.00	611.63	75.00
52854.000	19178.00	137.45	.00	4.06	.00	835.17	2231.00
53008.000	19178.00	137.98	.00	.53	.00	838.28	154.00
53009.000	19178.00	138.71	.00	.73	.00	848.32	1.00
53021.000	19178.00	138.77	.00	.05	.00	848.94	12.00
53022.000	19178.00	138.56	.00	-.20	.00	846.26	1.00
53060.000	19178.00	138.63	.00	.07	.00	845.51	37.75
56325.000	19178.00	145.94	.00	7.31	.00	524.77	3265.00
56845.000	19178.00	147.23	.00	1.29	.00	664.91	520.00
57068.000	19178.00	147.77	.00	.54	.00	676.25	223.00
57069.000	19178.00	147.88	.00	.11	.00	681.51	1.00
57082.000	19178.00	147.99	.00	.11	.00	686.46	12.50
57083.000	19178.00	148.00	.00	.01	.00	686.76	1.00
57138.000	19178.00	148.06	.00	.06	.00	681.19	55.00

THIS RUN EXECUTED 02-23-86 14:28:02

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTEBY CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: LJM EA: DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 10-YR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.001700	.00	.0	0.	34.000	.000

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	150.000	38.000	1.000	25.000	43.000	.000	.000	.000	.000	.000
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J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
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J6	IHL0Q	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

QT	6.000	13278.000	24647.000	37834.000	68902.000	17331.000	7795.000	.000	.000	.000
NC	.180	.180	.052	.100	.300	.000	.000	.000	.000	.000
X1	1440.000	51.000	5085.000	5320.000	1440.000	1440.000	1440.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	52.000	53.000	.000
GR	68.000	5000.000	64.000	5040.000	60.000	5060.000	56.000	5070.000	52.000	5085.000
GR	48.000	5110.000	39.600	5115.500	37.800	5125.500	33.800	5140.500	31.000	5143.500
GR	29.400	5145.500	27.400	5155.500	27.700	5165.500	28.700	5175.500	28.900	5185.500
GR	29.100	5195.500	28.800	5205.500	28.100	5215.500	27.800	5225.500	28.000	5235.500
GR	29.100	5245.500	31.000	5249.500	35.200	5259.500	37.400	5265.500	36.500	5275.500
GR	42.500	5285.500	53.000	5320.000	53.000	5450.000	52.000	5512.000	48.000	5552.000
GR	45.000	5592.000	46.000	5672.000	48.000	5730.000	49.000	5775.000	50.000	5835.000
GR	51.000	5900.000	50.000	5975.000	51.000	6050.000	51.000	6130.000	50.000	6225.000
GR	50.000	6315.000	49.000	6385.000	49.000	6455.000	51.000	6510.000	52.000	6545.000
GR	54.000	6580.000	56.000	6605.000	60.000	6625.000	64.000	6650.000	68.000	6670.000
GR	72.000	6680.000	.000	.000	.000	.000	.000	.000	.000	.000

QT	6.000	6428.000	12341.000	19178.000	35272.000	8513.000	3665.000	.000	.000	.000
X1	4221.800	31.000	4975.000	5118.300	2781.750	2781.750	2781.750	.000	.620	.000
GR	68.000	4673.000	64.000	4688.000	60.000	4708.000	56.000	4723.000	52.000	4745.000
GR	48.000	4915.000	44.000	4975.000	34.900	5002.000	33.650	5010.000	33.890	5020.000
GR	32.430	5028.800	32.430	5028.810	32.430	5029.800	32.430	5029.810	32.730	5040.000
GR	33.620	5050.000	33.710	5067.800	33.710	5067.810	33.710	5068.800	33.710	5068.810

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GR	34,530	5080,000	5087,000	37,640	5097,000	44,000	5118,300	48,000	5198,300
GR	52,000	5268,300	5308,300	60,000	5368,300	64,000	5393,300	62,000	5413,300
GR	72,000	5451,300	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	4602,800	38,000	5098,320	381,000	381,000	381,000	.000	.000	.000
X3	10,000	.000	.000	.000	.000	.000	41,570	41,840	.000
GR	68,000	4673,000	4688,000	60,000	4708,000	56,000	4723,000	52,000	4745,000
GR	48,000	4915,000	4975,000	41,570	4999,990	39,760	5000,000	39,760	5001,500
GR	36,030	5001,510	5002,000	33,650	5010,000	33,890	5020,000	32,430	5028,800
GR	32,430	5028,810	5029,800	32,430	5029,810	32,730	5040,000	33,620	5050,000
GR	33,710	5067,800	5067,810	33,710	5068,800	33,710	5068,810	34,530	5080,000
GR	35,400	5087,800	5097,000	40,080	5097,010	40,080	5098,310	41,840	5098,320
GR	44,000	5118,300	5198,300	52,000	5268,300	56,000	5308,300	60,000	5368,300
GR	64,000	5393,300	5413,300	72,000	5451,300	.000	.000	.000	.000
X1	4603,800	.000	.000	1,000	1,000	1,000	.000	.000	.000
BT	38,000	4673,000	4688,000	4688,000	64,000	64,000	4708,000	60,000	60,000
BT	.000	4723,000	4745,000	4745,000	52,000	52,000	4915,000	48,000	48,000
BT	.000	4975,000	44,000	4999,990	41,570	41,570	5000,000	42,160	39,760
BT	.000	5001,500	42,150	5001,510	42,150	39,760	5002,000	42,150	39,760
BT	.000	5010,000	42,120	5020,000	42,070	39,700	5028,800	42,030	39,670
BT	.000	5028,810	32,430	5029,800	42,030	32,430	5029,810	42,030	39,670
BT	.000	5040,000	39,730	5050,000	42,090	39,730	5067,800	42,150	39,790
BT	.000	5067,810	33,710	5068,800	42,150	33,710	5068,810	42,150	39,790
BT	.000	5080,000	42,260	5087,800	42,340	39,980	5097,000	42,450	40,080
BT	.000	5097,010	40,080	5098,310	42,460	40,080	5098,320	41,840	41,840
BT	.000	5118,300	44,000	5198,300	48,000	48,000	5268,300	52,000	52,000
BT	.000	5308,300	56,000	5368,300	60,000	60,000	5393,300	64,000	64,000
BT	.000	5413,300	63,000	5451,300	72,000	72,000	.000	.000	.000
X1	4616,500	.000	.000	12,500	12,500	12,500	.000	.000	.000
X2	.000	.000	.000	.000	.000	1,000	.000	.000	.000
X1	4617,300	.000	.000	1,000	1,000	1,000	.000	.000	.000
X3	10,000	.000	.000	.000	.000	.000	41,570	41,840	.000
X1	4711,800	30,000	5118,300	94,500	94,500	94,500	.000	.240	.000
X4	1,000	33,860	.000	.000	.000	.000	.000	.000	.000
GR	68,000	4673,000	4688,000	60,000	4708,000	56,000	4723,000	52,000	4745,000
GR	48,000	4915,000	4975,000	34,900	5002,000	33,650	5010,000	33,890	5020,000
GR	32,430	5028,800	5028,810	32,430	5029,800	32,430	5029,810	32,730	5040,000
GR	33,710	5067,800	5067,810	33,710	5068,800	33,710	5068,810	34,530	5080,000
GR	35,400	5087,800	5097,000	44,000	5097,010	44,000	5098,300	52,000	5268,300
GR	56,000	5308,300	5368,300	64,000	5393,300	68,000	5413,300	72,000	5451,300
HC	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	6685,000	38,000	5253,500	1973,250	1973,250	1973,250	.000	.000	.000
GR	80,000	5000,000	5020,000	72,000	5045,000	68,000	5070,000	64,000	5095,000
GR	60,000	5109,000	5120,000	52,000	5133,000	49,000	5148,500	46,300	5166,500
GR	41,000	5172,500	5178,500	38,900	5188,500	38,600	5198,500	38,000	5208,500
GR	37,300	5218,500	5228,500	41,000	5233,500	46,700	5243,500	51,000	5253,500
GR	52,000	5265,000	5271,000	52,000	5280,000	53,000	5300,000	56,000	5310,000
GR	60,000	5330,000	5350,000	60,000	5380,000	59,000	5403,000	60,000	5425,000

THIS RUN EXECUTED 02-23-86 14:28:44

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN. CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KNC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 50-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.001700	.00	.0	0.	35.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:29:09

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	4.	0.	0.	.001700	.00	.0	0.	35.000	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:29:37

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 500-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	.001700	.00	.0	0.	35.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	4.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:30:08

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 20-YEAR EVENT

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	6.	0.	0.	.001700	.00	.0	0.	35.000	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:30:32

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & OLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 2.5-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	7.	0.	0.	.001700	.00	.0	0.	35.000	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:30:55

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

JOHNS RIVER

SUMMARY PRINTOUT

SECKO	CWSEL	AREA	Q
1440.000	44.31	2192.15	13278.00
1440.000	50.70	3437.01	24647.00
1440.000	54.07	9285.63	37834.00
1440.000	59.39	17474.07	68902.00
1440.000	46.68	2629.01	17331.00
1440.000	40.51	1538.05	7795.00
4221.800	47.29	1972.66	6428.00
4221.800	53.41	4707.69	12341.00
4221.800	56.95	6771.44	19178.00
4221.800	62.67	10550.39	35272.00
4221.800	49.60	2774.54	8513.00
4221.800	43.63	1182.15	3665.00
4602.800	47.54	1748.15	6428.00
4602.800	53.59	4341.62	12341.00
4602.800	57.16	6395.97	19178.00
4602.800	62.94	10186.87	35272.00
4602.800	49.82	2491.00	8513.00
4602.800	43.92	1010.42	3665.00
4603.800	47.49	1490.57	6428.00
4603.800	53.74	4176.27	12341.00
4603.800	57.45	6326.11	19178.00
4603.800	63.46	10305.79	35272.00
4603.800	49.82	2245.25	8513.00
4603.800	43.83	752.34	3665.00
4616.300	47.59	1516.07	6428.00
4616.300	53.78	4193.51	12341.00
4616.300	57.48	6343.28	19178.00
4616.300	63.50	10324.57	35272.00
4616.300	49.89	2272.35	8513.00
4616.300	43.97	772.72	3665.00

SECNO	CWSEL	AREA	Q
4617.300	47.71	1794.93	6428.00
4617.300	53.73	4416.35	12341.00
4617.300	57.38	6531.82	19178.00
4617.300	63.31	10447.23	35272.00
4617.300	49.90	2520.39	8513.00
4617.300	44.20	1052.42	3665.00
4711.800	47.91	1907.51	6428.00
4711.800	53.92	4508.56	12341.00
4711.800	57.60	6640.82	19178.00
4711.800	63.56	10577.24	35272.00
4711.800	50.12	2636.84	8513.00
4711.800	44.35	1161.70	3665.00
6685.000	51.11	973.43	6428.00
6685.000	56.36	1859.66	12341.00
6685.000	60.09	2658.88	19178.00
6685.000	66.13	5536.77	35272.00
6685.000	53.07	1263.00	8513.00
6685.000	47.77	628.06	3665.00
13035.000	65.53	1452.43	6428.00
13035.000	70.36	2737.52	12341.00
13035.000	74.62	4442.34	19178.00
13035.000	81.59	7611.31	35272.00
13035.000	67.47	1901.53	8513.00
13035.000	62.09	805.09	3665.00
20480.000	77.15	1362.90	6428.00
20480.000	82.34	2299.44	12341.00
20480.000	86.67	3227.67	19178.00
20480.000	94.21	5136.14	35272.00
20480.000	79.20	1710.31	8513.00
20480.000	73.79	873.08	3665.00
26600.000	84.86	1565.77	6428.00
26600.000	89.27	5356.59	12341.00
26600.000	92.93	10013.27	19178.00
26600.000	99.90	19164.84	35272.00
26600.000	86.72	2469.89	8513.00
26600.000	81.76	1050.53	3665.00
32595.000	91.47	1824.48	6428.00
32595.000	95.12	4266.70	12341.00
32595.000	98.03	7630.01	19178.00
32595.000	103.63	16232.85	35272.00
32595.000	93.09	2619.84	8513.00
32595.000	88.48	1053.80	3665.00

SECNO	CWSEL	AREA	Q
33538.000	92.74	1493.45	6589.00
33538.000	96.36	2338.63	12257.00
33538.000	99.20	3499.56	18517.00
33538.000	104.44	7316.05	34518.00
33538.000	94.31	1810.57	8609.00
33538.000	89.97	962.83	3860.00
34429.000	94.27	1436.19	6589.00
34429.000	97.88	2166.91	12257.00
34429.000	100.75	2804.03	18517.00
34429.000	105.96	5809.46	34518.00
34429.000	95.78	1731.56	8609.00
34429.000	91.87	985.56	3860.00
34430.000	94.25	1345.44	6589.00
34430.000	97.85	2032.86	12257.00
34430.000	100.67	2493.23	18517.00
34430.000	105.66	4471.59	34518.00
34430.000	95.76	1622.52	8609.00
34430.000	91.86	923.43	3860.00
34460.000	94.32	1357.18	6589.00
34460.000	97.92	2046.13	12257.00
34460.000	100.81	2518.87	18517.00
34460.000	106.59	5178.24	34518.00
34460.000	95.83	1634.72	8609.00
34460.000	91.94	934.26	3860.00
34461.000	94.39	1459.26	6589.00
34461.000	98.02	2198.78	12257.00
34461.000	101.08	2903.36	18517.00
34461.000	107.16	6908.28	34518.00
34461.000	95.90	1756.83	8609.00
34461.000	91.99	1006.29	3860.00
34683.000	94.78	1449.98	6589.00
34683.000	98.41	2274.08	12257.00
34683.000	101.50	3527.03	18517.00
34683.000	107.60	8185.99	34518.00
34683.000	96.29	1752.77	8609.00
34683.000	92.41	997.35	3860.00
36645.000	98.11	1359.49	6589.00
36645.000	101.84	2038.26	12257.00
36645.000	104.93	2669.10	18517.00
36645.000	110.48	3963.12	34518.00
36645.000	99.61	1622.96	8609.00
36645.000	95.67	960.12	3860.00

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14:28:02

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SECNO	CVSEL	AREA	Q
38705.000	102.31	1248.73	6428.00
38705.000	106.36	2393.32	12341.00
38705.000	109.83	3618.62	19178.00
38705.000	116.39	6437.85	35272.00
38705.000	103.91	1665.33	8513.00
38705.000	99.67	742.23	3665.00

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
1440.000	.00	.00	.00	27.40	13278.00	44.31	.00	44.88	16.98	6.06	2192.15	3222.67
1440.000	.00	.00	.00	27.40	24647.00	50.70	.00	51.50	17.24	7.17	3437.01	5936.44
1440.000	.00	.00	.00	27.40	37834.00	54.07	.00	54.89	17.02	7.80	9285.63	9171.55
1440.000	.00	.00	.00	27.40	68902.00	59.39	49.11	60.38	16.89	9.25	17474.07	16765.67
1440.000	.00	.00	.00	27.40	17331.00	46.68	.00	47.36	17.03	6.59	2629.01	4200.18
1440.000	.00	.00	.00	27.40	7795.00	40.51	.00	40.91	17.11	5.07	1538.05	1884.25
4221.800	2781.75	.00	.00	31.81	6428.00	47.29	.00	47.50	6.40	3.72	1972.66	2539.91
4221.800	2781.75	.00	.00	31.81	12341.00	53.41	.00	53.67	4.89	4.28	4707.69	5582.27
4221.800	2781.75	.00	.00	31.81	19178.00	56.95	.00	57.30	5.67	5.20	6771.44	8052.98
4221.800	2781.75	.00	.00	31.81	35272.00	62.67	.00	63.24	7.24	6.87	10550.39	13108.70
4221.800	2781.75	.00	.00	31.81	8513.00	49.60	.00	49.84	5.89	4.01	2774.54	3507.58
4221.800	2781.75	.00	.00	31.81	3665.00	43.63	.00	43.78	7.28	3.10	1182.15	1358.25
4602.800	381.00	.00	.00	32.43	6428.00	47.54	.00	47.87	9.78	4.70	1748.15	2055.75
4602.800	381.00	.00	.00	32.43	12341.00	53.59	.00	53.98	7.91	5.42	4341.62	4386.87
4602.800	381.00	.00	.00	32.43	19178.00	57.16	.00	57.66	8.99	6.46	6395.97	6396.44
4602.800	381.00	.00	.00	32.43	35272.00	62.94	.00	63.67	11.01	8.30	10186.87	10629.26
4602.800	381.00	.00	.00	32.43	8513.00	49.82	.00	50.20	9.35	5.10	2491.00	2784.31
4602.800	381.00	.00	.00	32.43	3665.00	43.92	.00	44.14	9.71	3.80	1010.42	1176.23
4603.800	1.00	41.57	72.00	32.43	6428.00	47.49	.00	47.92	66.04	5.46	1490.57	790.98
4603.800	1.00	41.57	72.00	32.43	12341.00	53.74	.00	54.01	29.88	4.97	4176.27	2257.49
4603.800	1.00	41.57	72.00	32.43	19178.00	57.45	.00	57.72	26.60	5.35	6325.11	3718.72
4603.800	1.00	41.57	72.00	32.43	35272.00	63.46	.00	63.79	25.34	6.18	10305.79	7006.42
4603.800	1.00	41.57	72.00	32.43	8513.00	49.82	.00	50.20	50.20	5.42	2245.25	1201.57
4603.800	1.00	41.57	72.00	32.43	3665.00	43.83	.00	44.23	100.65	5.12	752.34	365.31
4616.300	12.50	41.57	72.00	32.43	6428.00	47.59	.00	48.00	63.75	5.40	1516.07	805.07
4616.300	12.50	41.57	72.00	32.43	12341.00	53.78	.00	54.05	29.61	4.95	4193.51	2268.06
4616.300	12.50	41.57	72.00	32.43	19178.00	57.48	.00	57.76	26.42	5.33	6343.28	3731.40
4616.300	12.50	41.57	72.00	32.43	35272.00	63.50	.00	63.82	25.22	6.17	10324.57	7023.61
4616.300	12.50	41.57	72.00	32.43	8513.00	49.89	.00	50.27	49.03	5.37	2272.35	1215.79
4616.300	12.50	41.57	72.00	32.43	3665.00	43.97	.00	44.36	93.91	5.01	772.72	378.19
4617.300	1.00	.00	.00	32.43	6428.00	47.71	.00	48.03	9.32	4.63	1794.93	2105.19
4617.300	1.00	.00	.00	32.43	12341.00	53.73	.00	54.10	7.67	5.36	4416.35	4455.23
4617.300	1.00	.00	.00	32.43	19178.00	57.38	.00	57.86	8.61	6.36	6531.82	6537.41
4617.300	1.00	.00	.00	32.43	35272.00	63.31	.00	64.01	10.39	8.13	10447.23	10944.46
4617.300	1.00	.00	.00	32.43	8513.00	49.90	.00	50.27	9.17	5.07	2520.39	2810.77
4617.300	1.00	.00	.00	32.43	3665.00	44.20	.00	44.41	8.79	3.68	1052.42	1236.30

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
4711.800	94.50	.00	.00	32.67	6428.00	47.91	.00	48.13	6.87	3.80	1907.51	2452.34
4711.800	94.50	.00	.00	32.67	12341.00	53.92	.00	54.19	5.30	4.40	4508.56	5358.65
4711.800	94.50	.00	.00	32.67	19178.00	57.60	.00	57.96	5.91	5.27	6640.82	7889.77
4711.800	94.50	.00	.00	32.67	35272.00	63.56	.00	64.13	7.20	6.86	10577.24	13167.14
4711.800	94.50	.00	.00	32.67	8513.00	50.12	.00	50.37	6.44	4.13	2636.84	3353.54
4711.800	94.50	.00	.00	32.67	3665.00	44.35	.00	44.51	7.70	3.16	1161.70	1320.89
6685.000	1973.25	.00	.00	37.30	6428.00	51.11	.00	51.88	29.39	7.07	973.43	1185.61
6685.000	1973.25	.00	.00	37.30	12341.00	56.36	.00	57.45	25.23	8.61	1859.66	2456.75
6685.000	1973.25	.00	.00	37.30	19178.00	60.09	.00	61.62	27.61	10.39	2658.88	3649.69
6685.000	1973.25	.00	.00	37.30	35272.00	66.13	.00	68.27	29.98	12.98	5536.77	6442.38
6685.000	1973.25	.00	.00	37.30	8513.00	53.07	.00	53.99	28.18	7.77	1263.00	1603.66
6685.000	1973.25	.00	.00	37.30	3665.00	47.77	.00	48.31	29.64	5.90	628.06	673.21
13035.000	6350.00	.00	.00	50.50	6428.00	65.53	.00	66.10	18.05	6.24	1452.43	1512.96
13035.000	6350.00	.00	.00	50.50	12341.00	70.36	.00	71.18	18.85	7.89	2737.52	2842.32
13035.000	6350.00	.00	.00	50.50	19178.00	74.62	.00	75.58	18.14	8.94	4442.34	4502.39
13035.000	6350.00	.00	.00	50.50	35272.00	81.59	.00	82.81	18.35	10.81	7611.31	8233.40
13035.000	6350.00	.00	.00	50.50	8513.00	67.47	.00	68.13	18.36	6.91	1901.53	1986.76
13035.000	6350.00	.00	.00	50.50	3665.00	62.09	.00	62.49	17.90	5.13	805.09	866.35
20480.000	7445.00	.00	.00	63.30	6428.00	77.15	.00	77.59	13.45	5.32	1362.90	1753.02
20480.000	7445.00	.00	.00	63.30	12341.00	82.34	.00	83.03	13.73	6.85	2299.44	3330.48
20480.000	7445.00	.00	.00	63.30	19178.00	86.67	.00	87.64	14.61	8.22	3227.67	5016.68
20480.000	7445.00	.00	.00	63.30	35272.00	94.21	.00	95.74	16.26	10.61	5136.14	8747.39
20480.000	7445.00	.00	.00	63.30	8513.00	79.20	.00	79.72	13.49	5.93	1710.31	2318.21
20480.000	7445.00	.00	.00	63.30	3665.00	73.79	.00	74.08	13.75	4.31	873.08	988.44
26600.000	6120.00	.00	.00	72.60	6428.00	84.86	.00	85.13	11.32	4.11	1565.77	1910.36
26600.000	6120.00	.00	.00	72.60	12341.00	89.27	.00	89.56	8.64	4.59	5356.59	4199.12
26600.000	6120.00	.00	.00	72.60	19178.00	92.93	.00	93.18	6.44	4.67	10013.27	7559.86
26600.000	6120.00	.00	.00	72.60	35272.00	99.90	.00	100.12	4.41	4.88	19164.84	16787.37
26600.000	6120.00	.00	.00	72.60	8513.00	84.72	.00	87.02	10.62	4.40	2469.89	2612.79
26600.000	6120.00	.00	.00	72.60	3665.00	81.76	.00	81.95	12.04	3.49	1050.53	1056.31
32595.000	5995.00	.00	.00	78.10	6428.00	91.47	.00	91.75	10.77	4.26	1824.48	1958.62
32595.000	5995.00	.00	.00	78.10	12341.00	95.12	.00	95.51	11.31	5.37	4266.70	3669.47
32595.000	5995.00	.00	.00	78.10	19178.00	98.03	.00	98.47	11.03	6.04	7630.01	5773.55
32595.000	5995.00	.00	.00	78.10	35272.00	103.63	.00	104.01	8.40	6.40	16232.85	12166.80
32595.000	5995.00	.00	.00	78.10	8513.00	93.09	.00	93.41	10.68	4.69	2619.84	2605.24
32595.000	5995.00	.00	.00	78.10	3665.00	88.48	.00	88.67	10.51	3.49	1053.80	1130.67
33538.000	943.20	.00	.00	79.96	6589.00	92.74	.00	93.04	16.53	4.41	1493.45	1620.74
33538.000	943.20	.00	.00	79.96	12257.00	96.36	.00	96.82	16.07	5.46	2338.63	3057.36
33538.000	943.20	.00	.00	79.96	18517.00	99.20	.00	99.82	16.42	6.38	3499.56	4570.18
33538.000	943.20	.00	.00	79.96	34518.00	104.44	.00	105.30	15.94	7.85	7316.05	8644.62
33538.000	943.20	.00	.00	79.96	8609.00	94.31	.00	94.66	15.69	4.75	1810.57	2173.43
33538.000	943.20	.00	.00	79.96	3860.00	89.97	.00	90.22	22.01	4.01	962.83	822.83

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRISW	EG	10K*S	VCH	AREA	.01K
34429.000	891.00	.00	.00	81.74	6589.00	94.27	.00	94.60	18.10	4.59	1436.19	1548.55
34429.000	891.00	.00	.00	81.74	12257.00	97.88	.00	98.38	18.36	5.66	2166.91	2860.25
34429.000	891.00	.00	.00	81.74	18517.00	100.75	.00	101.44	19.23	6.65	2804.03	4222.16
34429.000	891.00	.00	.00	81.74	34518.00	105.96	.00	106.99	20.00	8.32	5809.46	7718.15
34429.000	891.00	.00	.00	81.74	8609.00	95.78	.00	96.16	17.71	4.97	1731.56	2045.51
34429.000	891.00	.00	.00	81.74	3860.00	91.87	.00	92.11	20.33	3.92	985.56	855.98
34430.000	1.00	100.21	109.00	81.74	6589.00	94.25	.00	94.62	21.65	4.90	1345.44	1415.95
34430.000	1.00	100.21	109.00	81.74	12257.00	97.85	.00	98.41	22.58	6.03	2032.86	2579.19
34430.000	1.00	100.21	109.00	81.74	18517.00	100.67	.00	101.53	43.57	7.46	2493.23	2805.35
34430.000	1.00	100.21	109.00	81.74	34518.00	105.66	.00	107.30	164.62	10.92	4471.59	2690.30
34430.000	1.00	100.21	109.00	81.74	8609.00	95.76	.00	96.19	21.40	5.31	1622.52	1861.12
34430.000	1.00	100.21	109.00	81.74	3860.00	91.86	.00	92.13	23.83	4.18	923.43	790.66
34460.000	29.60	100.21	109.00	81.74	6589.00	94.32	.00	94.69	21.08	4.85	1357.18	1434.97
34460.000	29.60	100.21	109.00	81.74	12257.00	97.92	.00	98.48	22.34	5.99	2046.13	2593.07
34460.000	29.60	100.21	109.00	81.74	18517.00	100.81	.00	101.67	43.86	7.41	2518.87	2795.80
34460.000	29.60	100.21	109.00	81.74	34518.00	106.59	.00	107.87	145.20	9.87	5178.24	2864.55
34460.000	29.60	100.21	109.00	81.74	8609.00	95.83	.00	96.26	20.98	5.27	1634.72	1879.50
34460.000	29.60	100.21	109.00	81.74	3860.00	91.94	.00	92.20	23.00	4.13	934.26	804.92
34461.000	1.00	.00	.00	81.74	6589.00	94.39	.00	94.71	17.22	4.52	1459.26	1587.64
34461.000	1.00	.00	.00	81.74	12257.00	98.02	.00	98.51	17.58	5.57	2198.78	2923.35
34461.000	1.00	.00	.00	81.74	18517.00	101.08	.00	101.73	17.80	6.48	2903.36	4389.36
34461.000	1.00	.00	.00	81.74	34518.00	107.16	.00	108.00	15.35	7.62	6908.28	8811.49
34461.000	1.00	.00	.00	81.74	8609.00	95.90	.00	96.28	17.04	4.90	1756.83	2085.77
34461.000	1.00	.00	.00	81.74	3860.00	91.99	.00	92.21	19.06	3.84	1006.29	884.19
34683.000	222.00	.00	.00	82.22	6589.00	94.78	.00	95.10	18.12	4.54	1449.98	1548.08
34683.000	222.00	.00	.00	82.22	12257.00	98.41	.00	98.89	17.17	5.57	2274.08	2957.93
34683.000	222.00	.00	.00	82.22	18517.00	101.50	.00	102.12	16.13	6.35	3527.03	4610.76
34683.000	222.00	.00	.00	82.22	34518.00	107.60	.00	108.34	13.04	7.34	8185.99	9558.55
34683.000	222.00	.00	.00	82.22	8609.00	96.29	.00	96.66	17.35	4.91	1752.71	2067.03
34683.000	222.00	.00	.00	82.22	3860.00	92.41	.00	92.65	19.76	3.87	997.35	868.42
36645.000	1962.00	.00	.00	86.20	6589.00	98.11	.00	98.57	16.90	5.52	1359.49	1602.92
36645.000	1962.00	.00	.00	86.20	12257.00	101.84	.00	102.64	20.09	7.38	2038.26	2734.49
36645.000	1962.00	.00	.00	86.20	18517.00	104.93	.00	106.10	22.77	8.96	2669.10	3880.62
36645.000	1962.00	.00	.00	86.20	34518.00	110.48	.00	111.57	29.13	12.21	3963.12	6395.65
36645.000	1962.00	.00	.00	86.20	8609.00	99.61	.00	100.20	18.05	6.24	1622.96	2026.40
36645.000	1962.00	.00	.00	86.20	3860.00	95.67	.00	95.96	14.60	4.29	960.12	1010.20
38705.000	2060.00	.00	.00	90.00	6428.00	102.31	.00	102.90	25.66	6.30	1248.73	1268.86
38705.000	2060.00	.00	.00	90.00	12341.00	106.36	.00	107.21	24.31	7.81	2393.32	2502.88
38705.000	2060.00	.00	.00	90.00	19178.00	109.83	.00	110.91	23.92	9.05	3618.62	3921.40
38705.000	2060.00	.00	.00	90.00	35272.00	116.39	.00	117.78	21.78	10.76	6437.85	7558.06
38705.000	2060.00	.00	.00	90.00	8513.00	103.91	.00	104.61	25.04	6.92	1665.33	1701.23
38705.000	2060.00	.00	.00	90.00	3665.00	99.67	.00	100.08	26.96	5.16	742.23	705.91

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1440.000	13278.00	44.31	.00	.00	10.31	179.02	.00
1440.000	24647.00	50.70	6.39	.00	15.70	219.29	.00
1440.000	37834.00	54.07	3.37	.00	19.07	1503.58	.00
1440.000	68902.00	59.39	5.33	.00	24.39	1560.45	.00
1440.000	17331.00	46.68	-12.71	.00	11.68	188.39	.00
1440.000	7795.00	40.51	-6.17	.00	5.51	167.28	.00
4221.800	6428.00	47.29	.00	2.98	.00	290.08	2781.75
4221.800	12341.00	53.41	6.12	2.72	.00	554.81	2781.75
4221.800	19178.00	56.95	3.54	2.88	.00	614.75	2781.75
4221.800	35272.00	62.67	5.72	3.28	.00	697.26	2781.75
4221.800	8513.00	49.60	-13.08	2.91	.00	416.39	2781.75
4221.800	3665.00	43.63	-5.97	3.12	.00	152.03	2781.75
4602.800	6428.00	47.54	.00	.25	.00	267.08	381.00
4602.800	12341.00	53.59	6.06	.18	.00	547.98	381.00
4602.800	19178.00	57.16	3.57	.21	.00	607.00	381.00
4602.800	35272.00	62.94	5.78	.27	.00	693.37	381.00
4602.800	8513.00	49.82	-13.12	.22	.00	392.55	381.00
4602.800	3665.00	43.92	-5.91	.29	.00	141.64	381.00
4603.800	6428.00	47.49	.00	-.04	.00	265.55	1.00
4603.800	12341.00	53.74	6.25	.15	.00	550.26	1.00
4603.800	19178.00	57.45	3.71	.29	.00	612.43	1.00
4603.800	35272.00	63.46	6.02	.52	.00	699.27	1.00
4603.800	8513.00	49.82	-13.64	.00	.00	392.60	1.00
4603.800	3665.00	43.83	-5.99	-.09	.00	139.94	1.00
4616.300	6428.00	47.59	.00	.10	.00	268.89	12.50
4616.300	12341.00	53.78	6.19	.04	.00	550.74	12.50
4616.300	19178.00	57.48	3.70	.04	.00	612.95	12.50
4616.300	35272.00	63.50	6.02	.03	.00	699.58	12.50
4616.300	8513.00	49.89	-13.61	.07	.00	396.72	12.50
4616.300	3665.00	43.97	-5.92	.14	.00	142.76	12.50
4617.300	6428.00	47.71	.00	.12	.00	273.14	1.00
4617.300	12341.00	53.73	6.02	-.05	.00	550.08	1.00
4617.300	19178.00	57.38	3.65	-.10	.00	611.18	1.00
4617.300	35272.00	63.31	5.93	-.18	.00	697.58	1.00
4617.300	8513.00	49.90	-13.41	.01	.00	397.01	1.00
4617.300	3665.00	44.20	-5.70	.23	.00	150.43	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
34429.000	6589.00	94.27	.00	1.53	.00	192.18	891.00
34429.000	12257.00	97.88	3.61	1.52	.00	211.82	891.00
34429.000	18517.00	100.75	2.87	1.55	.00	285.34	891.00
34429.000	34518.00	105.96	5.21	1.52	.00	822.51	891.00
34429.000	8609.00	95.78	-10.18	1.47	.00	201.55	891.00
34429.000	3860.00	91.87	-3.91	1.90	.00	183.57	891.00
34430.000	6589.00	94.25	.00	-.02	.00	192.12	1.00
34430.000	12257.00	97.85	3.60	-.03	.00	211.51	1.00
34430.000	18517.00	100.67	2.82	-.09	.00	274.53	1.00
34430.000	34518.00	105.66	4.99	-.30	.00	777.36	1.00
34430.000	8609.00	95.76	-9.90	-.02	.00	201.29	1.00
34430.000	3860.00	91.86	-3.90	-.01	.00	183.54	1.00
34460.000	6589.00	94.32	.00	.07	.00	192.34	29.60
34460.000	12257.00	97.92	3.60	.08	.00	212.30	29.60
34460.000	18517.00	100.81	2.89	.14	.00	292.79	29.60
34460.000	34518.00	106.59	5.78	.93	.00	917.81	29.60
34460.000	8609.00	95.83	-10.76	.07	.00	202.01	29.60
34460.000	3860.00	91.94	-3.89	.08	.00	183.87	29.60
34461.000	6589.00	94.39	.00	.07	.00	192.60	1.00
34461.000	12257.00	98.02	3.63	.10	.00	212.49	1.00
34461.000	18517.00	101.08	3.05	.27	.00	326.38	1.00
34461.000	34518.00	107.16	6.08	.57	.00	1021.72	1.00
34461.000	8609.00	95.90	-11.26	.08	.00	202.96	1.00
34461.000	3860.00	91.99	-3.92	.05	.00	184.17	1.00
34683.000	6589.00	94.78	.00	.39	.00	197.38	222.00
34683.000	12257.00	98.41	3.63	.39	.00	307.98	222.00
34683.000	18517.00	101.50	3.09	.43	.00	503.60	222.00
34683.000	34518.00	107.60	6.10	.44	.00	1010.51	222.00
34683.000	8609.00	96.29	-11.32	.38	.00	205.06	222.00
34683.000	3860.00	92.41	-3.87	.43	.00	185.15	222.00
36645.000	6589.00	98.11	.00	3.33	.00	171.10	1962.00
36645.000	12257.00	101.84	3.73	3.43	.00	193.78	1962.00
36645.000	18517.00	104.93	3.09	3.43	.00	215.14	1962.00
36645.000	34518.00	110.48	5.55	2.87	.00	247.52	1962.00
36645.000	8609.00	99.61	-10.87	3.33	.00	180.24	1962.00
36645.000	3860.00	95.67	-3.94	3.26	.00	155.26	1962.00
38705.000	6428.00	102.31	.00	4.20	.00	237.18	2060.00
38705.000	12341.00	106.36	4.05	4.52	.00	306.65	2060.00
38705.000	19178.00	109.83	3.47	4.90	.00	396.99	2060.00
38705.000	35272.00	116.39	6.56	5.91	.00	451.95	2060.00
38705.000	8513.00	103.91	-12.48	4.30	.00	273.82	2060.00
38705.000	3665.00	99.67	-4.24	4.00	.00	148.55	2060.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4711.800	6428.00	47.91	.00	.20	.00	271.82	94.50
4711.800	12341.00	53.92	6.01	.19	.00	549.22	94.50
4711.800	19178.00	57.60	3.68	.22	.00	610.75	94.50
4711.800	35272.00	63.56	5.97	.25	.00	697.70	94.50
4711.800	8513.00	50.12	-13.44	.22	.00	396.05	94.50
4711.800	3665.00	44.35	-5.77	.15	.00	147.24	94.50
6685.000	6428.00	51.11	.00	3.20	.00	118.80	1973.25
6685.000	12341.00	56.36	5.25	2.44	.00	192.79	1973.25
6685.000	19178.00	60.09	3.73	2.49	.00	274.59	1973.25
6685.000	35272.00	66.13	6.04	2.57	.00	556.21	1973.25
6685.000	8513.00	53.07	-13.06	2.95	.00	170.74	1973.25
6685.000	3665.00	47.77	-5.31	3.41	.00	89.26	1973.25
13035.000	6428.00	65.53	.00	14.43	.00	219.56	6350.00
13035.000	12341.00	70.36	4.83	14.00	.00	342.73	6350.00
13035.000	19178.00	74.62	4.26	14.53	.00	427.95	6350.00
13035.000	35272.00	81.59	6.96	15.46	.00	477.92	6350.00
13035.000	8513.00	67.47	-14.12	14.39	.00	245.77	6350.00
13035.000	3665.00	62.09	-5.38	14.32	.00	144.87	6350.00
20480.000	6428.00	77.15	.00	11.62	.00	162.93	7445.00
20480.000	12341.00	82.34	5.18	11.97	.00	198.56	7445.00
20480.000	19178.00	86.67	4.34	12.05	.00	230.05	7445.00
20480.000	35272.00	94.21	7.54	12.63	.00	265.00	7445.00
20480.000	8513.00	79.20	-15.02	11.73	.00	176.98	7445.00
20480.000	3665.00	73.79	-5.40	11.71	.00	122.33	7445.00
26600.000	6428.00	84.86	.00	7.71	.00	173.62	6120.00
26600.000	12341.00	89.27	4.40	6.93	.00	1245.59	6120.00
26600.000	19178.00	92.93	3.66	6.25	.00	1294.35	6120.00
26600.000	35272.00	99.90	6.97	5.68	.00	1331.49	6120.00
26600.000	8513.00	86.72	-13.17	7.53	.00	833.71	6120.00
26600.000	3665.00	81.76	-4.97	7.96	.00	156.56	6120.00
32595.000	6428.00	91.47	.00	6.61	.00	390.06	5995.00
32595.000	12341.00	95.12	3.65	5.85	.00	887.48	5995.00
32595.000	19178.00	98.03	2.91	5.10	.00	1483.69	5995.00
32595.000	35272.00	103.63	5.60	3.73	.00	1577.91	5995.00
32595.000	8513.00	93.09	-10.54	6.36	.00	739.58	5995.00
32595.000	3665.00	88.48	-4.60	6.73	.00	153.64	5995.00
33538.000	6589.00	92.74	.00	1.27	.00	198.27	943.20
33538.000	12257.00	96.36	3.62	1.24	.00	320.56	943.20
33538.000	18517.00	99.20	2.84	1.17	.00	499.44	943.20
33538.000	34518.00	104.44	5.24	.81	.00	929.08	943.20
33538.000	8609.00	94.31	-10.13	1.22	.00	206.11	943.20
33538.000	3860.00	89.57	-4.34	1.49	.00	183.87	943.20

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.REC ENG: LJM EA: DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 10-YR EVENT

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
0.	2.	0.	0.	0.	.000000	.00	.0	0.	102.31C	.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALDC	IBW	CHRM	ITRACE
1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

150.000	38.000	1.000	25.000	.000	.000	.000	.000	.000	.000	.000
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J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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J6 IHLEQ ICDPY

1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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NC	QT	X1	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
.180	6.000	6428.000	12341.000	.052	19178.000	.100	35272.000	.300	.000	8513.000	.000	.000
6.000	28.000	5000.000	116.000	5200.000	5307.500	2060.000	2060.000	2060.000	2060.000	2060.000	.000	.000
38705.000	120.000	5055.000	100.600	5080.000	5010.000	112.000	5015.000	5015.000	5015.000	5015.000	104.000	.000
104.000	104.000	5180.000	99.000	5200.000	5200.000	98.000	5090.000	5090.000	5090.000	5090.000	103.000	5040.000
100.000	90.000	5278.500	107.000	5340.000	5288.500	92.000	5250.500	5250.500	5250.500	5250.500	90.000	5150.000
90.000	104.000	5330.000	116.000	5460.000	5340.000	108.000	5370.000	5370.000	5370.000	5370.000	102.000	5268.500
104.000	112.000	5440.000	.000	.000	5460.000	120.000	5470.000	5470.000	5470.000	5470.000	110.000	5420.000
112.000	.185	.052	.100	.300	.000	.000	.000	.000	.000	.000	.000	.000
40466.000	33.000	4985.000	120.000	1761.000	5127.000	1761.000	1761.000	1761.000	1761.000	1761.000	.580	.000
124.000	4850.000	120.000	4865.000	116.000	4865.000	116.000	4890.000	4890.000	4890.000	4890.000	108.000	4960.000
104.000	4985.000	96.990	5001.010	96.990	5001.010	96.990	5001.510	5001.510	5001.510	5001.510	94.390	5010.000
94.530	5020.000	93.400	5029.000	93.400	5029.000	93.400	5029.100	5029.100	5029.100	5029.100	93.400	5031.000
93.400	5031.010	95.030	5040.000	94.030	5040.000	94.030	5050.000	5050.000	5050.000	5050.000	93.820	5059.010
93.820	5060.000	93.820	5061.000	93.820	5061.000	93.820	5061.010	5061.010	5061.010	5061.010	95.470	5080.000
96.530	5086.000	96.920	5089.500	101.700	5127.000	101.700	5127.000	5127.000	5127.000	5127.000	112.000	5210.500
116.000	5230.500	120.000	5250.500	124.000	5250.500	124.000	5260.500	5260.500	5260.500	5260.500	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	40819.000	40.000	5000.000	5090.510	353.000	353.000	353.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	102.910	102.960	.000
GR	124.000	4850.000	120.000	4865.000	116.000	4890.000	112.000	4940.000	108.000	4960.000
GR	104.000	4985.000	102.910	4999.990	102.910	5000.000	100.670	5000.010	100.670	5001.000
GR	96.990	5001.010	96.990	5001.500	94.610	5001.510	94.390	5010.000	94.530	5020.000
GR	93.400	5029.000	93.400	5029.100	93.400	5030.000	93.400	5031.000	93.400	5031.010
GR	95.030	5040.000	94.030	5050.000	93.820	5059.000	93.820	5059.010	93.820	5060.000
GR	93.820	5061.000	93.820	5061.010	94.490	5070.000	95.470	5080.000	96.530	5086.000
GR	96.920	5089.500	100.680	5089.510	100.680	5090.500	102.960	5090.510	102.960	5090.520
GR	108.000	5190.500	112.000	5210.500	116.000	5230.500	120.000	5250.500	124.000	5260.500
NC	.185	.185	.049	.300	.500	.000	.000	.000	.000	.000
X1	40820.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-40.000	4850.000	124.000	124.000	4865.000	120.000	120.000	4890.000	116.000	116.000
BT	.000	4940.000	112.000	112.000	4960.000	108.000	108.000	4985.000	104.000	104.000
BT	.000	4999.990	102.910	102.910	5000.000	102.910	102.910	5000.010	103.440	100.670
BT	.000	5001.000	103.440	100.670	5001.010	103.440	100.670	5001.500	103.440	100.670
BT	.000	5001.510	103.440	100.670	5010.000	103.470	100.690	5020.000	103.500	100.710
BT	.000	5029.000	103.530	100.730	5029.100	103.530	93.400	5030.000	103.530	93.400
BT	.000	5031.000	103.530	93.400	5031.010	103.530	100.730	5040.000	103.490	100.690
BT	.000	5050.000	103.440	100.660	5059.000	103.390	100.620	5059.010	103.390	93.820
BT	.000	5060.000	103.390	93.820	5061.000	103.390	93.820	5061.010	103.390	100.620
BT	.000	5070.000	103.420	100.640	5080.000	103.450	100.650	5086.000	103.470	100.670
BT	.000	5089.500	103.470	100.680	5089.510	103.470	100.680	5090.500	103.480	100.680
BT	.000	5090.510	102.960	102.960	5090.520	102.960	102.960	5190.500	108.000	108.000
BT	.000	5210.500	112.000	112.000	5230.500	116.000	116.000	5250.500	120.000	120.000
BT	.000	5260.500	124.000	124.000	.000	.000	.000	.000	.000	.000
X1	40840.000	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.051	.000	.000	.000	.000	.000	.000	.000
X1	40841.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	40929.000	33.000	4985.000	5127.000	87.500	87.500	87.500	.000	.200	.000
GR	124.000	4850.000	120.000	4865.000	116.000	4890.000	112.000	4940.000	108.000	4960.000
GR	104.000	4985.000	96.990	5001.010	96.990	5001.500	94.610	5001.510	94.390	5010.000
GR	94.530	5020.000	93.400	5029.000	93.400	5029.100	93.400	5030.000	93.400	5031.000
GR	93.400	5031.010	95.050	5040.000	94.030	5050.000	93.820	5059.000	93.820	5059.010
GR	93.820	5060.000	93.820	5061.000	93.820	5061.010	94.490	5070.000	95.470	5080.000
GR	96.530	5086.000	96.920	5089.500	101.700	5127.000	108.000	5190.500	112.000	5210.500
GR	116.000	5230.500	120.000	5250.500	124.000	5260.500	.000	.000	.000	.000
NC	.185	.185	.049	.100	.300	.000	.000	.000	.000	.000
X1	42623.000	29.000	4980.000	5064.000	1694.500	1694.500	1694.500	.000	.410	.000
GR	128.000	4855.000	124.000	4870.000	120.000	4885.000	116.000	4895.000	112.000	4915.000
GR	108.000	4960.000	104.000	4980.000	99.640	5004.010	97.600	5010.000	97.620	5014.080
GR	97.620	5014.090	97.620	5014.920	97.620	5014.930	97.430	5020.000	97.850	5029.000
GR	97.800	5031.250	97.800	5031.260	97.610	5039.570	97.610	5039.580	97.610	5040.420
GR	97.610	5040.430	99.640	5050.000	104.000	5064.000	108.000	5074.000	112.000	5160.000
GR	116.000	5200.000	120.000	5225.000	124.000	5240.000	128.000	5247.000	.000	.000

GR	116.000	5160.500	120.000	5195.500	124.000	5210.500	132.000	5240.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	44537.000	44.000	4985.000	5073.000	183.000	183.000	183.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	107.160	106.890	.000
GR	132.000	4720.000	124.000	4790.000	120.000	4800.000	116.000	4945.000	112.000	4965.000
GR	108.000	4985.000	106.390	4992.500	104.780	5000.000	104.770	5000.010	104.610	5000.750
GR	104.450	5001.500	104.240	5002.500	104.240	5002.510	103.770	5005.000	103.200	5011.650
GR	103.200	5011.660	103.200	5012.500	103.200	5013.350	103.200	5013.360	102.330	5020.000
GR	102.450	5021.500	102.450	5021.510	102.640	5023.300	102.830	5025.000	102.300	5026.750
GR	101.800	5028.500	101.250	5031.750	101.100	5032.660	101.100	5032.670	100.640	5036.650
GR	100.640	5036.660	100.640	5037.500	100.640	5038.350	100.640	5038.360	102.740	5049.000
GR	102.740	5049.010	103.040	5050.500	107.480	5073.000	108.000	5095.500	112.000	5145.500
GR	116.000	5160.500	120.000	5195.500	124.000	5210.500	132.000	5240.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.000
X1	44538.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-44.000	4720.000	132.000	132.000	4790.000	124.000	124.000	4800.000	120.000	120.000
BT	.000	4945.000	116.000	116.000	4965.000	112.000	112.000	4985.000	108.000	108.000
BT	.000	4992.500	107.610	106.390	5000.000	107.220	104.780	5000.010	108.040	104.770
BT	.000	5000.750	107.190	104.610	5001.500	107.180	104.450	5002.500	107.170	104.240
BT	.000	5002.510	107.160	106.040	5005.000	107.070	106.010	5011.650	106.880	105.940
BT	.000	5011.660	106.880	103.200	5012.500	106.860	103.200	5013.350	106.830	103.200
BT	.000	5013.360	106.830	105.920	5020.000	106.640	105.850	5021.500	106.590	105.790
BT	.000	5021.510	106.590	102.450	5023.300	106.540	102.640	5025.000	106.490	102.830
BT	.000	5026.750	106.490	102.300	5028.500	106.510	101.800	5031.750	106.520	101.250
BT	.000	5032.660	106.520	101.100	5032.670	106.530	105.790	5036.650	106.550	105.820
BT	.000	5036.660	106.550	100.640	5037.500	106.550	100.640	5038.350	106.560	100.640
BT	.000	5038.360	106.560	100.640	5049.000	106.890	102.740	5049.010	106.890	102.740
BT	.000	5050.500	106.950	103.040	5073.000	107.480	107.480	5095.500	108.000	108.000
BT	.000	5145.500	112.000	112.000	5160.500	116.000	116.000	5195.500	120.000	120.000
BT	.000	5210.500	124.000	124.000	5240.000	132.000	132.000	.000	.000	.000
X1	44562.000	.000	.000	.000	24.000	24.000	24.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.050	.000	.000	.000	.000	.000	.000	.000
X1	44563.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	44608.000	34.000	4985.000	5073.000	45.000	45.000	45.000	.000	.100	.000
GR	132.000	4720.000	124.000	4790.000	120.000	4800.000	116.000	4945.000	112.000	4965.000
CR	108.000	4985.000	103.770	5005.000	103.200	5011.650	103.200	5011.660	103.200	5012.500
GR	103.200	5013.350	103.200	5013.360	102.330	5020.000	102.450	5021.500	102.450	5021.510
GR	102.640	5023.300	102.830	5025.000	102.300	5026.750	101.800	5028.500	101.250	5031.750
GR	101.100	5032.660	101.100	5032.670	100.640	5036.650	100.640	5036.660	100.640	5037.500
GR	100.640	5038.350	100.640	5038.360	107.480	5073.000	108.000	5095.500	112.000	5145.500
GR	116.000	5160.500	120.000	5195.500	124.000	5210.500	132.000	5240.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	53008.000	21.000	4999.990	5056.010	154.000	154.000	154.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	125.770	123.630	.000
X4	6.000	144.000	4945.000	132.000	5101.000	132.000	5731.000	136.000	5776.000	140.000
X4	5826.000	144.000	5846.000	.000	.000	.000	.000	.000	.000	.000
GR	148.000	4935.000	140.000	4960.000	136.000	4965.000	132.000	4980.000	126.750	4990.000
GR	126.360	4999.990	122.550	5000.000	118.340	5010.000	118.340	5010.010	118.530	5020.000
GR	117.940	5028.500	117.940	5028.510	117.940	5030.500	117.940	5030.510	117.670	5040.000
GR	117.990	5048.750	117.990	5048.760	124.900	5056.000	124.900	5056.010	128.000	5076.000
GR	148.000	5866.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.047	.000	.000	.000	.000	.000	.000	.000
X1	53009.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-21.000	4945.000	144.000	144.000	4960.000	140.000	140.000	4965.000	136.000	136.000
BT	.000	4980.000	132.000	132.000	4990.000	126.750	126.750	4999.990	126.360	126.360
BT	.000	5000.000	126.360	122.550	5010.000	125.770	118.340	5010.010	125.770	124.030
BT	.000	5020.000	124.890	123.150	5028.500	124.150	122.410	5028.510	124.150	117.940
BT	.000	5030.500	124.040	117.940	5030.510	124.040	122.300	5040.000	123.830	122.090
BT	.000	5048.750	123.630	121.890	5048.760	123.630	117.990	5056.000	124.900	124.900
BT	.000	5056.010	124.900	124.900	5076.000	128.000	128.000	5101.000	132.000	132.000
X1	53021.000	.000	.000	.000	12.000	12.000	12.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.000
X1	53022.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	53060.000	17.000	4999.990	5056.000	37.750	37.750	37.750	.000	.120	.000
X4	6.000	144.120	4945.000	132.120	5101.000	132.120	5731.000	136.120	5776.000	140.120
X4	5826.000	144.120	5846.000	.000	.000	.000	.000	.000	.000	.000
GR	148.000	4935.000	140.000	4960.000	136.000	4965.000	132.000	4980.000	126.750	4990.000
GR	126.360	4999.990	118.340	5010.000	118.530	5020.000	117.940	5028.500	117.940	5030.500
GR	117.940	5030.510	117.670	5040.000	117.990	5048.750	117.990	5048.760	124.900	5056.000
GR	128.000	5076.000	148.000	5866.000	.000	.000	.000	.000	.000	.000
NC	.130	.180	.049	.100	.300	.000	.000	.000	.000	.000
X1	56325.000	19.000	5385.000	5520.000	3265.000	3265.000	3265.000	.000	.000	.000
X4	2.000	148.000	5000.000	144.000	5580.000	.000	.000	.000	.000	.000
GR	160.000	4850.000	147.000	5045.000	144.000	5085.000	143.000	5145.000	142.000	5185.000
GR	141.000	5220.000	140.000	5280.000	139.000	5345.000	139.100	5385.000	134.100	5410.000
GR	130.500	5456.000	129.000	5457.000	126.900	5475.000	127.000	5485.000	127.400	5495.000
GR	129.000	5505.000	139.600	5520.000	141.000	5540.000	160.000	5612.000	.000	.000
NC	.125	.180	.049	.000	.000	.000	.000	.000	.000	.000
X1	56845.000	18.000	4990.000	5070.000	520.000	520.000	520.000	.000	.300	.000
X4	3.000	151.700	4460.000	147.700	4518.700	143.700	5197.800	.000	.000	.000
GR	160.000	4369.000	144.000	4698.700	140.000	4918.700	136.000	4943.700	135.310	4990.000
GR	129.880	5001.010	128.520	5010.000	127.890	5029.550	127.890	5029.560	127.890	5031.040
GR	127.890	5031.050	129.260	5050.000	129.620	5056.000	130.180	5059.300	135.280	5070.000
GR	136.000	5172.800	140.000	5187.800	160.000	5230.000	.000	.000	.000	.000

THIS RUN EXECUTED 02-23-86 14:48:51

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 50-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.000000	.00	.0	0.	106.360	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:49:50

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	109.830	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:50:49

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KNC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 500-YEAR EVENT

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	.000000	.00	.0	0.	116.390	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:51:52

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 20-YEAR EVENT

J1	ICHECK	INQ	WINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	.000000	.00	.0	0.	103.910	.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FH	ALLDC	IBW	CRNIM	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:52:52

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KHC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 2.5-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	7.	0.	0.	.000000	.00	.0	0.	99.670	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:53:54

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

JOHNS RIVER

SUMMARY PRINTOUT

SECNO	CWSEL	AREA
38705.000	102.31	1250.59
38705.000	106.36	2396.38
38705.000	109.83	3619.50
38705.000	116.39	6438.13
38705.000	103.91	1667.55
38705.000	99.67	742.04
40466.000	105.64	1503.06
40466.000	109.81	2465.32
40466.000	113.40	3457.08
40466.000	119.84	5726.24
40466.000	107.29	1857.69
40466.000	102.92	1014.70
40819.000	106.11	1187.25
40819.000	110.27	2124.01
40819.000	113.84	3105.92
40819.000	120.27	5356.06
40819.000	107.76	1520.55
40819.000	103.40	792.70
40820.000	105.87	863.66
40820.000	110.18	1822.57
40820.000	114.04	2887.71
40820.000	121.20	5437.30
40820.000	107.56	1196.84
40820.000	103.18	515.99
40840.000	106.49	978.48
40840.000	110.61	1932.19
40840.000	114.35	2982.94
40840.000	121.40	5515.96
40840.000	108.11	1321.50
40840.000	103.59	533.76

SECNO	CWSEL	AREA
40841.000	107.02	1363.75
40841.000	110.68	2260.76
40841.000	114.28	3241.84
40841.000	121.11	5683.28
40841.000	108.56	1706.91
40841.000	104.20	889.31
40929.000	107.40	1708.79
40929.000	111.46	2690.31
40929.000	115.14	3761.39
40929.000	122.14	6321.45
40929.000	109.05	2085.56
40929.000	104.44	1135.42
42623.000	109.80	1102.44
42623.000	114.00	2122.61
42623.000	117.70	3252.22
42623.000	124.56	5657.21
42623.000	111.49	1464.38
42623.000	106.89	692.00
42812.000	110.16	1012.41
42812.000	114.34	2021.82
42812.000	118.05	3152.97
42812.000	124.91	5556.23
42812.000	111.83	1367.13
42812.000	107.30	611.74
42813.000	110.09	892.85
42813.000	115.17	2152.04
42813.000	119.38	3480.52
42813.000	126.72	6136.51
42813.000	112.02	1304.85
42813.000	107.08	480.81
42837.000	110.87	1044.14
42837.000	115.56	2267.53
42837.000	119.64	3568.19
42837.000	126.90	6205.80
42837.000	112.67	1467.14
42837.000	108.07	590.11
42838.000	110.96	1170.90
42838.000	115.37	2320.21
42838.000	119.33	3572.30
42838.000	126.44	6137.95
42838.000	112.61	1560.39
42838.000	108.43	743.05

SECNO	CWSEL	AREA
42885.000	111.69	1388.98
42885.000	116.24	2630.92
42885.000	120.16	3897.31
42885.000	127.13	6442.41
42885.000	113.46	1832.90
42885.000	108.89	869.48
44354.000	114.23	1451.89
44354.000	118.87	2676.59
44354.000	122.86	4277.19
44354.000	130.01	7532.77
44354.000	116.05	1839.34
44354.000	111.26	887.15
44537.000	114.58	1449.51
44537.000	119.20	2666.59
44537.000	123.18	4260.54
44537.000	130.31	7507.61
44537.000	116.39	1836.07
44537.000	111.62	888.15
44538.000	114.47	1214.11
44538.000	119.17	2443.04
44538.000	123.27	4083.43
44538.000	130.64	7456.67
44538.000	116.32	1604.24
44538.000	111.43	642.30
44562.000	114.68	1256.72
44562.000	119.31	2493.36
44562.000	123.38	4127.73
44562.000	130.72	7494.83
44562.000	116.49	1644.12
44562.000	111.83	711.94
44563.000	114.97	1530.47
44563.000	119.42	2746.46
44563.000	123.35	4330.39
44563.000	130.61	7653.76
44563.000	116.71	1911.95
44563.000	112.26	1003.00
44608.000	115.04	1523.61
44608.000	119.49	2736.44
44608.000	123.43	4318.78
44608.000	130.68	7638.17
44608.000	116.79	1904.57
44608.000	112.33	995.34

SECNO	CWSEL	AREA
45985.000	117.02	1555.62
45985.000	121.67	2657.62
45985.000	125.62	3966.69
45985.000	132.73	6889.76
45985.000	118.86	1950.08
45985.000	114.07	1003.14
46252.000	117.32	1500.28
46252.000	121.99	2594.09
46252.000	125.96	3897.68
46252.000	133.09	6813.94
46252.000	119.17	1893.46
46252.000	114.34	952.89
46253.000	117.21	1191.02
46253.000	121.95	2295.79
46253.000	126.04	3639.24
46253.000	133.54	6733.18
46253.000	119.08	1588.44
46253.000	114.18	642.61
46266.000	117.34	1218.02
46266.000	122.04	2321.35
46266.000	126.12	3666.46
46266.000	133.60	6758.20
46266.000	119.19	1612.62
46266.000	114.39	674.46
46267.000	117.64	1566.62
46267.000	122.16	2642.29
46267.000	126.09	3944.32
46267.000	133.45	6976.22
46267.000	119.42	1950.87
46267.000	114.78	1023.69
46333.000	117.72	1567.09
46333.000	122.25	2639.69
46333.000	126.18	3938.19
46333.000	133.53	6962.03
46333.000	119.50	1951.03
46333.000	114.85	1025.63
47989.000	119.94	1338.30
47989.000	124.58	2778.79
47989.000	128.59	4422.47
47989.000	135.99	8985.68
47989.000	121.77	1856.51
47989.000	116.92	709.02

SECNO	CWSEL	AREA
48292.000	120.59	1376.42
48292.000	125.19	2822.41
48292.000	129.17	4472.27
48292.000	136.46	8991.33
48292.000	122.40	1897.24
48292.000	117.54	720.23
48293.000	120.39	1108.95
48293.000	125.15	2593.03
48293.000	129.36	4348.65
48293.000	136.99	9132.63
48293.000	122.28	1644.47
48293.000	117.22	460.45
48307.000	120.78	1215.81
48307.000	125.34	2662.28
48307.000	129.48	4411.00
48307.000	137.05	9173.92
48307.000	122.55	1729.17
48307.000	117.92	564.65
48308.000	121.27	1567.81
48308.000	125.45	2918.36
48308.000	129.42	4597.79
48308.000	136.88	9272.83
48308.000	122.89	2049.59
48308.000	118.54	892.23
48383.000	121.39	1545.34
48383.000	125.57	2892.05
48383.000	129.53	4549.43
48383.000	136.96	9186.91
48383.000	123.01	2024.68
48383.000	118.64	880.54
50229.000	124.58	1542.53
50229.000	128.80	3512.14
50229.000	132.58	5737.20
50229.000	139.51	10048.72
50229.000	126.24	2219.38
50229.000	121.77	759.21
50532.000	125.16	1429.14
50532.000	129.26	3281.20
50532.000	132.97	5433.05
50532.000	139.82	9690.63
50532.000	126.78	2060.69
50532.000	122.46	709.74

SECNO	CWSEL	AREA
50533.000	124.84	1028.32
50533.000	129.10	2901.98
50533.000	132.87	5080.30
50533.000	139.78	9371.30
50533.000	126.54	1668.26
50533.000	121.80	343.16
50547.000	125.48	1251.42
50547.000	129.33	3026.20
50547.000	133.00	5161.69
50547.000	139.85	9417.69
50547.000	126.93	1838.73
50547.000	123.58	654.21
50548.000	126.17	1810.30
50548.000	129.30	3572.82
50548.000	133.29	5633.22
50548.000	139.98	9792.13
50548.000	127.53	2407.74
50548.000	124.11	1091.43
50623.000	126.28	1805.37
50623.000	129.91	3556.12
50623.000	133.39	5601.32
50623.000	140.06	9752.83
50623.000	127.65	2399.97
50623.000	124.20	1088.40
52854.000	130.87	858.91
52854.000	134.49	3120.50
52854.000	137.45	5525.23
52854.000	143.35	10670.79
52854.000	132.42	1518.03
52854.000	128.05	568.83
53008.000	131.62	928.26
53008.000	135.36	3578.68
53008.000	137.98	5733.60
53008.000	143.65	10667.03
53008.000	133.50	2115.11
53008.000	128.64	612.61
53009.000	131.38	747.49
53009.000	136.10	4023.02
53009.000	138.71	6196.60
53009.000	144.18	10992.22
53009.000	133.90	2269.29
53009.000	128.30	429.03

SECNO	CWSEL	AREA
53021.000	131.79	795.78
53021.000	136.18	4092.06
53021.000	138.77	6234.62
53021.000	144.21	11013.78
53021.000	134.12	2449.94
53021.000	128.85	480.01
53022.000	132.49	1340.77
53022.000	136.01	4102.89
53022.000	138.56	6222.19
53022.000	144.03	11013.49
53022.000	134.03	2526.55
53022.000	129.61	708.54
53060.000	132.55	1282.47
53060.000	136.07	4037.75
53060.000	138.63	6157.38
53060.000	144.08	10933.93
53060.000	134.09	2462.82
53060.000	129.67	682.08
56325.000	140.29	1276.28
56325.000	143.40	2400.50
56325.000	145.94	3670.14
56325.000	150.47	6294.08
56325.000	141.59	1681.86
56325.000	137.17	758.76
56845.000	141.17	2005.58
56845.000	144.52	3506.68
56845.000	147.23	5136.85
56845.000	151.98	8554.04
56845.000	142.56	2552.94
56845.000	138.14	1140.14
57068.000	141.51	1974.09
57068.000	144.97	3546.35
57068.000	147.77	5253.44
57068.000	152.60	8745.57
57068.000	142.94	2545.28
57068.000	138.51	1112.94
57069.000	141.41	1753.79
57069.000	144.94	3341.07
57069.000	147.88	5142.19
57069.000	152.94	8825.08
57069.000	142.86	2321.14
57069.000	138.38	892.83

SECNO	CWSEL	AREA
57082.000	141.58	1811.76
57082.000	145.08	3417.93
57082.000	147.99	5214.18
57082.000	153.02	8878.58
57082.000	143.02	2388.84
57082.000	138.66	963.79
57083.000	141.90	2118.57
57083.000	145.28	3717.46
57083.000	148.00	5405.82
57083.000	152.95	9012.39
57083.000	143.32	2712.06
57083.000	139.03	1245.99
57138.000	141.96	2112.73
57138.000	145.35	3692.73
57138.000	148.06	5369.96
57138.000	153.00	8951.51
57138.000	143.38	2697.91
57138.000	139.11	1262.22

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
38705.000	.00	.00	.00	90.00	6428.00	102.31	.00	102.91	25.59	6.29	1250.59	1270.79
38705.000	.00	.00	.00	90.00	12341.00	106.36	.00	107.22	24.24	7.80	2396.38	2506.47
38705.000	.00	.00	.00	90.00	19178.00	109.83	.00	110.92	23.91	9.05	3619.50	3922.43
38705.000	.00	.00	.00	90.00	35272.00	116.39	.00	117.78	21.78	10.76	6438.13	7558.46
38705.000	.00	.00	.00	90.00	8513.00	103.91	.00	104.61	24.97	6.91	1667.55	1703.61
38705.000	.00	.00	.00	90.00	3665.00	99.67	.00	100.08	26.97	5.16	742.04	705.68
40466.000	1761.00	.00	.00	92.82	6428.00	105.64	.00	105.97	12.99	4.60	1503.06	1783.60
40466.000	1761.00	.00	.00	92.82	12341.00	109.81	.00	110.36	13.89	6.03	2465.32	3311.89
40466.000	1761.00	.00	.00	92.82	19178.00	113.40	.00	114.16	14.78	7.25	3457.08	4987.85
40466.000	1761.00	.00	.00	92.82	35272.00	119.84	.00	121.03	15.82	9.25	5726.24	8867.74
40466.000	1761.00	.00	.00	92.82	8513.00	107.29	.00	107.70	13.32	5.17	1857.69	2332.71
40466.000	1761.00	.00	.00	92.82	3665.00	102.92	.00	103.13	12.61	3.67	1014.70	1032.20
40819.000	353.00	.00	.00	93.40	6428.00	106.11	.00	106.69	21.84	6.13	1187.25	1375.43
40819.000	353.00	.00	.00	93.40	12341.00	110.27	.00	111.23	25.61	8.16	2124.01	2438.51
40819.000	353.00	.00	.00	93.40	19178.00	113.84	.00	115.15	27.76	9.75	3105.92	3640.07
40819.000	353.00	.00	.00	93.40	35272.00	120.27	.00	122.13	29.44	12.18	5356.06	6500.96
40819.000	353.00	.00	.00	93.40	8513.00	107.76	.00	108.49	23.66	6.98	1520.55	1750.04
40819.000	353.00	.00	.00	93.40	3665.00	103.40	.00	103.73	17.99	4.64	792.70	864.03
40820.000	1.00	102.91	124.00	93.40	6428.00	105.87	.00	106.95	218.31	8.48	863.66	435.05
40820.000	1.00	102.91	124.00	93.40	12341.00	110.18	.00	111.33	147.85	9.27	1822.57	1014.93
40820.000	1.00	102.91	124.00	93.40	19178.00	114.04	.00	115.20	114.19	9.76	2887.71	1794.72
40820.000	1.00	102.91	124.00	93.40	35272.00	121.20	.00	122.34	79.98	10.42	5437.30	3944.06
40820.000	1.00	102.91	124.00	93.40	8513.00	107.56	.00	108.70	186.51	8.89	1196.84	623.35
40820.000	1.00	102.91	124.00	93.40	3665.00	103.18	.00	103.96	146.86	7.12	515.99	302.42
40840.000	20.00	102.91	124.00	93.40	6428.00	106.49	.00	107.38	165.25	7.75	978.48	500.04
40840.000	20.00	102.91	124.00	93.40	12341.00	110.61	.00	111.64	128.21	8.83	1932.19	1089.92
40840.000	20.00	102.91	124.00	93.40	19178.00	114.35	.00	115.44	105.44	9.50	2982.94	1867.67
40840.000	20.00	102.91	124.00	93.40	35272.00	121.40	.00	122.51	77.06	10.28	5515.96	4018.03
40840.000	20.00	102.91	124.00	93.40	8513.00	103.11	.00	109.08	150.18	8.28	1321.50	694.66
40840.000	20.00	102.91	124.00	93.40	3665.00	103.59	.00	104.34	228.04	6.95	533.76	242.70
40841.000	1.00	.00	.00	93.40	6428.00	107.02	.00	107.50	15.99	5.63	1363.75	1607.44
40841.000	1.00	.00	.00	93.40	12341.00	110.80	.00	111.68	21.71	7.83	2260.76	2648.78
40841.000	1.00	.00	.00	93.40	19178.00	114.28	.00	115.52	24.52	9.49	3241.84	3872.97
40841.000	1.00	.00	.00	93.40	35272.00	121.11	.00	122.81	25.02	11.69	5683.28	7051.88
40841.000	1.00	.00	.00	93.40	8513.00	103.56	.00	109.19	18.25	6.50	1706.91	1992.92
40841.000	1.00	.00	.00	93.40	3665.00	104.20	.00	104.48	12.83	4.24	889.31	1023.09

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
40929.000	87.50	.00	.00	93.60	6428.00	107.40	.00	107.67	9.00	4.16	1708.79	2142.72
40929.000	87.50	.00	.00	93.60	12341.00	111.46	.00	111.93	10.79	5.64	2690.31	3756.75
40929.000	87.50	.00	.00	93.60	19178.00	115.14	.00	115.82	11.73	6.83	3761.39	5598.78
40929.000	87.50	.00	.00	93.60	35272.00	122.14	.00	123.16	12.16	8.61	6321.45	10116.23
40929.000	87.50	.00	.00	93.60	8513.00	109.05	.00	109.39	9.62	4.73	2085.56	2744.16
40929.000	87.50	.00	.00	93.60	3665.00	104.44	.00	104.61	8.78	3.32	1135.42	1236.69
42623.000	1694.50	.00	.00	97.02	6428.00	109.80	.00	110.54	23.22	7.00	1102.44	1334.06
42623.000	1694.50	.00	.00	97.02	12341.00	114.00	.00	115.16	24.90	9.04	2122.61	2473.33
42623.000	1694.50	.00	.00	97.02	19178.00	117.70	.00	119.19	25.15	10.54	3252.22	3824.24
42623.000	1694.50	.00	.00	97.02	35272.00	124.56	.00	126.54	24.36	12.78	5657.21	7146.71
42623.000	1694.50	.00	.00	97.02	8513.00	111.49	.00	112.40	23.95	7.84	1464.38	1739.52
42623.000	1694.50	.00	.00	97.02	3665.00	106.89	.00	107.37	22.72	5.59	692.00	768.87
42812.000	189.00	.00	.00	97.43	6428.00	110.16	.00	111.42	45.65	9.41	1012.41	951.38
42812.000	189.00	.00	.00	97.43	12341.00	114.34	.00	116.13	48.13	11.87	2021.82	1778.94
42812.000	189.00	.00	.00	97.43	19178.00	118.05	.00	120.14	46.61	13.46	3152.97	2809.15
42812.000	189.00	.00	.00	97.43	35272.00	124.91	.00	127.39	42.45	15.71	5556.23	5413.49
42812.000	189.00	.00	.00	97.43	8513.00	111.83	.00	113.33	47.26	10.48	1367.13	1238.26
42812.000	189.00	.00	.00	97.43	3665.00	107.30	.00	108.13	42.36	7.50	611.74	563.12
42813.000	1.00	103.26	128.00	97.43	6428.00	110.09	.00	111.50	190.05	10.37	892.85	466.27
42813.000	1.00	103.26	128.00	97.43	12341.00	115.17	.00	116.33	107.85	10.39	2152.04	1188.35
42813.000	1.00	103.26	128.00	97.43	19178.00	119.38	.00	120.45	80.84	10.66	3480.52	2133.03
42813.000	1.00	103.26	128.00	97.43	35272.00	126.72	.00	127.82	61.23	11.56	6136.51	4507.50
42813.000	1.00	103.26	128.00	97.43	8513.00	112.02	.00	113.38	154.94	10.59	1304.85	683.91
42813.000	1.00	103.26	128.00	97.43	3665.00	107.08	.00	108.37	267.20	9.53	480.81	224.21
42837.000	24.00	103.26	128.00	97.43	6428.00	110.87	.00	111.97	138.04	9.31	1044.14	547.10
42837.000	24.00	103.26	128.00	97.43	12341.00	115.56	.00	116.61	95.54	9.96	2267.53	1262.59
42837.000	24.00	103.26	128.00	97.43	19178.00	119.64	.00	120.66	75.88	10.42	3568.19	2201.62
42837.000	24.00	103.26	128.00	97.43	35272.00	126.90	.00	127.97	59.39	11.43	6205.80	4577.00
42837.000	24.00	103.26	128.00	97.43	8513.00	112.67	.00	113.78	120.92	9.71	1467.14	774.17
42837.000	24.00	103.26	128.00	97.43	3665.00	103.07	.00	108.96	157.42	8.04	590.11	292.11
42838.000	1.00	.00	.00	97.43	6428.00	110.96	.00	112.00	36.55	8.63	1170.90	1063.24
42838.000	1.00	.00	.00	97.43	12341.00	115.37	.00	116.81	37.86	10.77	2320.21	2005.76
42838.000	1.00	.00	.00	97.43	19178.00	119.33	.00	120.98	36.38	12.16	3572.30	3179.48
42838.000	1.00	.00	.00	97.43	35272.00	126.44	.00	128.44	34.06	14.32	6137.95	6043.70
42838.000	1.00	.00	.00	97.43	8513.00	112.61	.00	113.85	38.68	9.65	1560.39	1368.87
42838.000	1.00	.00	.00	97.43	3665.00	108.43	.00	109.05	28.15	6.50	743.05	690.72
42885.000	46.50	.00	.00	97.54	6428.00	111.69	.00	112.24	15.62	6.10	1388.98	1626.45
42885.000	46.50	.00	.00	97.54	12341.00	116.24	.00	117.09	16.82	7.84	2630.92	3008.70
42885.000	46.50	.00	.00	97.54	19178.00	120.16	.00	121.26	17.52	9.21	3897.31	4581.84
42885.000	46.50	.00	.00	97.54	35272.00	127.13	.00	128.68	18.40	11.47	6462.41	8223.48
42885.000	46.50	.00	.00	97.54	8513.00	113.46	.00	114.13	16.35	6.83	1832.90	2105.42
42885.000	46.50	.00	.00	97.54	3665.00	108.89	.00	109.22	12.99	4.66	869.48	1016.79

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRINS	EG	10K'S	VCH	AREA	.01K
44354.000	1469.50	.00	.00	100.28	6428.00	114.23	.00	114.79	18.98	6.24	1451.89	1475.65
44354.000	1469.50	.00	.00	100.28	12341.00	118.87	.00	119.69	18.52	7.83	2676.59	2868.03
44354.000	1469.50	.00	.00	100.28	19178.00	122.86	.00	123.86	17.73	8.94	4277.79	4554.38
44354.000	1469.50	.00	.00	100.28	35272.00	130.01	.00	131.28	16.64	10.67	7532.77	8646.48
44354.000	1469.50	.00	.00	100.28	8513.00	116.05	.00	116.72	18.80	6.90	1839.34	1963.20
44354.000	1469.50	.00	.00	100.28	3665.00	111.26	.00	111.65	19.84	5.15	887.15	822.73
44537.000	183.00	.00	.00	100.64	6428.00	114.58	.00	115.13	19.04	6.25	1449.51	1473.32
44537.000	183.00	.00	.00	100.64	12341.00	119.20	.00	120.03	18.63	7.85	2666.59	2859.13
44537.000	183.00	.00	.00	100.64	19178.00	123.18	.00	124.19	17.88	8.96	4260.54	4535.78
44537.000	183.00	.00	.00	100.64	35272.00	130.31	.00	131.59	16.77	10.70	7507.61	8614.40
44537.000	183.00	.00	.00	100.64	8513.00	116.39	.00	117.06	18.87	6.90	1836.07	1959.90
44537.000	183.00	.00	.00	100.64	3665.00	111.62	.00	112.02	19.77	5.14	888.15	824.25
44538.000	1.00	106.49	132.00	100.64	6428.00	114.47	.00	115.25	64.81	7.62	1214.11	798.45
44538.000	1.00	106.49	132.00	100.64	12341.00	119.17	.00	120.07	44.38	8.53	2443.04	1852.44
44538.000	1.00	106.49	132.00	100.64	19178.00	123.27	.00	124.21	34.97	9.10	4083.43	3242.92
44538.000	1.00	106.49	132.00	100.64	35272.00	130.64	.00	131.67	26.81	10.13	7456.67	6811.79
44538.000	1.00	106.49	132.00	100.64	8513.00	116.32	.00	117.15	54.12	7.97	1604.24	1157.15
44538.000	1.00	106.49	132.00	100.64	3665.00	111.43	.00	112.21	112.60	7.39	642.30	345.39
44562.000	24.00	106.49	132.00	100.64	6428.00	114.68	.00	115.41	59.11	7.40	1256.72	836.11
44562.000	24.00	106.49	132.00	100.64	12341.00	119.31	.00	120.18	42.57	8.41	2493.36	1891.48
44562.000	24.00	106.49	132.00	100.64	19178.00	123.38	.00	124.30	34.09	9.02	4127.73	3284.86
44562.000	24.00	106.49	132.00	100.64	35272.00	130.72	.00	131.73	26.47	10.08	7494.83	6855.44
44562.000	24.00	106.49	132.00	100.64	8513.00	116.49	.00	117.28	50.87	7.82	1644.12	1193.63
44562.000	24.00	106.49	132.00	100.64	3665.00	111.83	.00	112.49	86.39	6.80	711.94	394.31
44563.000	1.00	.00	.00	100.64	6428.00	114.97	.00	115.48	16.69	5.99	1530.47	1573.48
44563.000	1.00	.00	.00	100.64	12341.00	119.42	.00	120.21	17.64	7.71	2746.46	2938.24
44563.000	1.00	.00	.00	100.64	19178.00	123.35	.00	124.33	17.26	8.86	4330.39	4616.23
44563.000	1.00	.00	.00	100.64	35272.00	130.61	.00	131.85	16.03	10.54	7853.76	8809.86
44563.000	1.00	.00	.00	100.64	8513.00	116.71	.00	117.34	17.22	6.71	1911.95	2051.57
44563.000	1.00	.00	.00	100.64	3665.00	112.26	.00	112.59	14.11	4.71	1003.00	949.24
44608.000	45.00	.00	.00	100.74	6428.00	115.04	.00	115.56	16.88	6.02	1523.61	1564.32
44608.000	45.00	.00	.00	100.74	12341.00	119.49	.00	120.29	17.77	7.73	2736.44	2927.29
44608.000	45.00	.00	.00	100.74	19178.00	123.43	.00	124.41	17.37	8.88	4318.78	4601.59
44608.000	45.00	.00	.00	100.74	35272.00	130.68	.00	131.92	16.11	10.56	7638.17	8787.45
44608.000	45.00	.00	.00	100.74	8513.00	116.79	.00	117.42	17.38	6.73	1904.57	2042.01
44608.000	45.00	.00	.00	100.74	3665.00	112.33	.00	112.66	15.19	4.73	995.34	940.25
45985.000	1377.00	.00	.00	103.17	6428.00	117.02	.00	117.40	10.96	5.01	1555.62	1941.71
45985.000	1377.00	.00	.00	103.17	12341.00	121.67	.00	122.30	12.13	6.58	2657.62	3543.52
45985.000	1377.00	.00	.00	103.17	19178.00	125.62	.00	126.47	12.99	7.86	3966.69	5320.66
45985.000	1377.00	.00	.00	103.17	35272.00	132.73	.00	133.95	13.62	9.82	6889.76	9556.88
45985.000	1377.00	.00	.00	103.17	8513.00	118.86	.00	119.33	11.44	5.64	1950.08	2516.99
45985.000	1377.00	.00	.00	103.17	3665.00	114.07	.00	114.30	9.76	3.90	1003.14	1173.07

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
46252.000	267.00	.00	.00	103.66	6428.00	117.32	.00	117.72	12.17	5.17	1500.28	1842.92
46252.000	267.00	.00	.00	103.66	12341.00	121.99	.00	122.64	13.00	6.71	2594.09	3422.28
46252.000	267.00	.00	.00	103.66	19178.00	125.96	.00	126.84	13.70	7.98	3897.68	5181.91
46252.000	267.00	.00	.00	103.66	35272.00	133.09	.00	134.34	14.13	9.92	6813.94	9383.55
46252.000	267.00	.00	.00	103.66	8513.00	119.17	.00	119.66	12.49	5.79	1893.46	2409.00
46252.000	267.00	.00	.00	103.66	3665.00	114.34	.00	114.60	11.31	4.08	952.89	1089.93
46253.000	1.00	110.15	136.00	103.66	6428.00	117.21	.00	117.84	78.95	6.59	1191.02	723.45
46253.000	1.00	110.15	136.00	103.66	12341.00	121.95	.00	122.69	55.80	7.42	2295.79	1652.15
46253.000	1.00	110.15	136.00	103.66	19178.00	126.04	.00	126.86	46.73	8.11	3639.24	2805.39
46253.000	1.00	110.15	136.00	103.66	35272.00	133.54	.00	134.44	36.16	9.05	6733.18	5865.35
46253.000	1.00	110.15	136.00	103.66	8513.00	119.08	.00	119.75	66.43	6.89	1588.44	1044.50
46253.000	1.00	110.15	136.00	103.66	3665.00	114.18	.00	114.76	120.66	6.11	642.61	333.65
46266.000	13.20	110.15	136.00	103.66	6428.00	117.34	.00	117.95	74.58	6.47	1218.02	744.31
46266.000	13.20	110.15	136.00	103.66	12341.00	122.04	.00	122.77	54.37	7.36	2321.35	1673.75
46266.000	13.20	110.15	136.00	103.66	19178.00	126.12	.00	126.92	45.92	8.06	3666.46	2830.01
46266.000	13.20	110.15	136.00	103.66	35272.00	133.60	.00	134.49	35.84	9.03	6758.20	5891.84
46266.000	13.20	110.15	136.00	103.66	8513.00	119.19	.00	119.84	63.90	6.81	1612.62	1064.92
46266.000	13.20	110.15	136.00	103.66	3665.00	114.39	.00	114.92	106.41	5.88	674.46	355.29
46267.000	1.00	.00	.00	103.66	6428.00	117.64	.00	118.02	11.02	5.01	1566.62	1936.70
46267.000	1.00	.00	.00	103.66	12341.00	122.16	.00	122.80	12.51	6.63	2642.29	3488.81
46267.000	1.00	.00	.00	103.66	19178.00	126.09	.00	126.95	13.36	7.91	3944.32	5246.08
46267.000	1.00	.00	.00	103.66	35272.00	133.45	.00	134.64	13.43	9.75	6976.22	9626.45
46267.000	1.00	.00	.00	103.66	8513.00	119.42	.00	119.90	11.66	5.66	1950.87	2493.50
46267.000	1.00	.00	.00	103.66	3665.00	114.78	.00	115.01	9.50	3.87	1023.69	1188.97
46333.000	66.00	.00	.00	103.81	6428.00	117.72	.00	118.09	10.78	4.99	1567.09	1958.11
46333.000	66.00	.00	.00	103.81	12341.00	122.25	.00	122.88	12.30	6.61	2639.69	3518.64
46333.000	66.00	.00	.00	103.81	19178.00	126.18	.00	127.04	13.19	7.90	3938.19	5281.22
46333.000	66.00	.00	.00	103.81	35272.00	133.53	.00	134.73	13.32	9.75	6962.03	9665.48
46333.000	66.00	.00	.00	103.81	8513.00	119.50	.00	119.97	11.43	5.64	1951.03	2518.39
46333.000	66.00	.00	.00	103.81	3665.00	114.85	.00	115.07	9.25	3.84	1025.63	1204.86
47989.000	1656.00	.00	.00	106.14	6428.00	119.94	.00	120.62	20.11	6.77	1338.30	1433.52
47989.000	1656.00	.00	.00	106.14	12341.00	124.58	.00	125.46	18.66	8.18	2778.79	2856.86
47989.000	1656.00	.00	.00	106.14	19178.00	128.59	.00	129.61	17.58	9.21	4422.47	4574.09
47989.000	1656.00	.00	.00	106.14	35272.00	135.99	.00	137.04	14.39	10.27	8985.68	9297.64
47989.000	1656.00	.00	.00	106.14	8513.00	121.77	.00	122.54	19.53	7.36	1856.51	1926.40
47989.000	1656.00	.00	.00	106.14	3665.00	116.92	.00	117.39	19.86	5.48	709.02	822.45
48292.000	303.00	.00	.00	106.59	6428.00	120.59	.00	121.24	20.34	6.68	1376.42	1425.44
48292.000	303.00	.00	.00	106.59	12341.00	125.19	.00	126.04	19.02	8.09	2822.41	2829.85
48292.000	303.00	.00	.00	106.59	19178.00	129.17	.00	130.15	17.97	9.12	4472.27	4524.20
48292.000	303.00	.00	.00	106.59	35272.00	136.46	.00	137.49	14.88	10.20	8991.33	9143.21
48292.000	303.00	.00	.00	106.59	8513.00	122.40	.00	123.14	19.83	7.28	1897.24	1911.81
48292.000	303.00	.00	.00	106.59	3665.00	117.54	.00	118.00	20.59	5.48	720.23	807.62

SECNO	XLCH	ELTRD	ELLC	ELMH	Q	CWSEL	CRINS	EG	10K*5	VCH	AREA	-0IK
48293.000	1.00	115.96	140.00	106.59	6428.00	120.39	.00	121.45	167.61	8.66	1108.95	496.51
48293.000	1.00	115.96	140.00	106.59	12341.00	125.15	.00	126.09	97.01	8.85	2593.03	1252.98
48293.000	1.00	115.96	140.00	106.59	19178.00	129.36	.00	130.20	62.18	8.97	4348.65	2305.70
48293.000	1.00	115.96	140.00	106.59	35272.00	136.59	.00	137.62	39.87	8.67	9132.63	5585.82
48293.000	1.00	115.96	140.00	106.59	8513.00	122.28	.00	123.28	129.74	8.70	1644.47	747.37
48293.000	1.00	115.96	140.00	106.59	3665.00	117.22	.00	118.34	299.97	8.52	460.45	211.61
48307.000	14.00	115.96	140.00	106.59	6428.00	120.78	.00	121.71	139.51	8.14	1215.81	544.22
48307.000	14.00	115.96	140.00	106.59	12341.00	125.34	.00	126.23	91.19	8.66	2662.28	1292.31
48307.000	14.00	115.96	140.00	106.59	19178.00	129.48	.00	130.30	66.97	8.87	4411.00	2343.47
48307.000	14.00	115.96	140.00	106.59	35272.00	137.05	.00	137.67	39.40	8.63	9173.52	5619.58
48307.000	14.00	115.96	140.00	106.59	8513.00	122.55	.00	123.47	116.27	8.38	1729.17	789.51
48307.000	14.00	115.96	140.00	106.59	3665.00	117.92	.00	118.75	193.61	7.42	564.65	263.39
48308.000	1.00	.00	.00	106.59	6428.00	121.27	.00	121.82	16.12	6.19	1567.81	1600.97
48308.000	1.00	.00	.00	106.59	12341.00	125.45	.00	126.26	17.77	7.91	2918.36	2927.41
48308.000	1.00	.00	.00	106.59	19178.00	129.42	.00	130.36	17.02	8.95	4597.79	4648.90
48308.000	1.00	.00	.00	106.59	35272.00	136.88	.00	137.85	13.87	9.95	9272.83	9470.48
48308.000	1.00	.00	.00	106.59	8513.00	122.89	.00	123.55	17.10	6.93	2049.59	2058.73
48308.000	1.00	.00	.00	106.59	3665.00	118.54	.00	118.90	13.82	4.84	892.23	985.77
48383.000	75.00	.00	.00	106.82	6428.00	121.39	.00	121.95	15.60	6.22	1545.34	1627.24
48383.000	75.00	.00	.00	106.82	12341.00	125.57	.00	126.40	17.22	7.96	2892.05	2974.00
48383.000	75.00	.00	.00	106.82	19178.00	129.53	.00	130.51	16.63	9.04	4549.43	4702.70
48383.000	75.00	.00	.00	106.82	35272.00	136.95	.00	137.98	13.70	10.09	9186.91	9528.60
48383.000	75.00	.00	.00	106.82	8513.00	123.01	.00	123.69	16.57	6.97	2024.68	2091.52
48383.000	75.00	.00	.00	106.82	3665.00	118.64	.00	119.00	13.21	4.83	880.54	1008.49
50229.000	1846.00	.00	.00	111.83	6428.00	124.58	.00	125.09	18.40	5.92	1542.53	1498.63
50229.000	1846.00	.00	.00	111.83	12341.00	128.80	.00	129.39	15.02	6.82	3512.14	3184.37
50229.000	1846.00	.00	.00	111.83	19178.00	132.58	.00	133.19	12.62	7.34	5737.20	5397.48
50229.000	1846.00	.00	.00	111.83	35272.00	139.51	.00	140.18	10.27	8.25	10048.72	11008.21
50229.000	1846.00	.00	.00	111.83	8513.00	126.24	.00	126.80	17.03	6.34	2219.38	2062.87
50229.000	1846.00	.00	.00	111.83	3665.00	121.77	.00	122.16	20.98	5.03	759.21	800.12
50532.000	303.00	.00	.00	112.68	6428.00	125.16	.00	125.74	22.30	6.25	1429.14	1361.33
50532.000	303.00	.00	.00	112.68	12341.00	129.26	.00	129.92	17.99	7.18	3281.20	2909.68
50532.000	303.00	.00	.00	112.68	19178.00	132.97	.00	133.64	14.81	7.67	5433.05	4984.11
50532.000	303.00	.00	.00	112.68	35272.00	139.82	.00	140.53	11.59	8.51	9690.63	10358.93
50532.000	303.00	.00	.00	112.68	8513.00	126.78	.00	127.40	20.51	6.68	2060.69	1879.78
50532.000	303.00	.00	.00	112.68	3665.00	122.46	.00	122.89	25.71	5.32	709.74	722.74
50533.000	1.00	121.26	144.00	112.68	6428.00	124.84	.00	126.08	232.71	9.25	1028.32	421.37
50533.000	1.00	121.26	144.00	112.68	12341.00	129.10	.00	130.10	108.08	8.96	2901.98	1187.10
50533.000	1.00	121.26	144.00	112.68	19178.00	132.87	.00	133.74	71.01	8.92	5080.30	2275.90
50533.000	1.00	121.26	144.00	112.68	35272.00	139.78	.00	140.58	44.72	9.23	9371.30	5274.74
50533.000	1.00	121.26	144.00	112.68	8513.00	126.54	.00	127.65	159.55	9.01	1668.26	673.97
50533.000	1.00	121.26	144.00	112.68	3665.00	121.80	119.13	123.58	433.78	10.70	343.16	175.97

SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
50547.000	14.00	121.26	144.00	112.68	6428.00	125.48	.00	126.43	159.39	8.18	1251.42	509.15
50547.000	14.00	121.26	144.00	112.68	12341.00	129.33	.00	130.26	98.58	8.68	3026.20	1242.96
50547.000	14.00	121.26	144.00	112.68	19178.00	133.00	.00	133.85	68.20	8.80	5161.69	2322.23
50547.000	14.00	121.26	144.00	112.68	35272.00	139.85	.00	140.64	44.08	9.19	9417.69	5312.79
50547.000	14.00	121.26	144.00	112.68	8513.00	126.93	.00	127.89	131.63	8.46	1838.73	741.99
50547.000	14.00	121.26	144.00	112.68	3665.00	123.58	.00	124.25	167.47	6.73	654.21	283.20
50548.000	1.00	.00	.00	112.68	6428.00	126.17	.00	126.59	14.73	5.45	1810.30	1674.92
50548.000	1.00	.00	.00	112.68	12341.00	129.80	.00	130.37	15.13	6.76	3572.82	3172.75
50548.000	1.00	.00	.00	112.68	19178.00	133.29	.00	133.92	13.61	7.45	5633.22	5198.01
50548.000	1.00	.00	.00	112.68	35272.00	139.98	.00	140.68	11.27	8.43	9792.13	10506.36
50548.000	1.00	.00	.00	112.68	8513.00	127.53	.00	128.04	15.48	6.07	2407.74	2163.38
50548.000	1.00	.00	.00	112.68	3665.00	124.11	.00	124.37	11.53	4.15	1091.43	1079.12
50623.000	75.00	.00	.00	112.85	6428.00	126.28	.00	126.70	13.99	5.41	1805.37	1718.60
50623.000	75.00	.00	.00	112.85	12341.00	129.91	.00	130.49	14.65	6.76	3556.12	3224.79
50623.000	75.00	.00	.00	112.85	19178.00	133.39	.00	134.03	13.35	7.48	5601.32	5249.20
50623.000	75.00	.00	.00	112.85	35272.00	140.06	.00	140.77	11.13	8.48	9752.83	10571.84
50623.000	75.00	.00	.00	112.85	8513.00	127.65	.00	128.15	14.80	6.04	2399.97	2212.74
50623.000	75.00	.00	.00	112.85	3665.00	124.20	.00	124.46	10.87	4.10	1088.40	1111.84
52854.000	2231.00	.00	.00	117.35	6428.00	130.87	.00	132.13	38.47	9.21	858.91	1036.36
52854.000	2231.00	.00	.00	117.35	12341.00	134.49	.00	135.79	35.52	10.56	3120.50	2070.62
52854.000	2231.00	.00	.00	117.35	19178.00	137.45	.00	138.45	27.98	10.52	5525.23	3625.29
52854.000	2231.00	.00	.00	117.35	35272.00	143.35	.00	144.04	18.21	10.22	10670.79	8265.08
52854.000	2231.00	.00	.00	117.35	8513.00	132.42	128.12	133.90	40.42	10.24	1518.03	1339.02
52854.000	2231.00	.00	.00	117.35	3665.00	128.05	.00	128.82	32.77	7.10	568.83	640.24
53008.000	154.00	.00	.00	117.67	6428.00	131.62	.00	132.72	32.18	8.61	928.26	1133.16
53008.000	154.00	.00	.00	117.67	12341.00	135.36	.00	136.36	27.74	9.50	3578.68	2343.19
53008.000	154.00	.00	.00	117.67	19178.00	137.98	.00	138.89	25.62	10.08	5733.60	3788.81
53008.000	154.00	.00	.00	117.67	35272.00	143.65	.00	144.33	18.27	10.12	10667.03	8252.95
53008.000	154.00	.00	.00	117.67	8513.00	133.50	.00	134.55	28.50	8.88	2115.11	1594.70
53008.000	154.00	.00	.00	117.67	3665.00	128.64	.00	129.31	27.36	6.64	612.61	700.68
53009.000	1.00	123.63	144.00	117.67	6428.00	131.38	.00	132.97	172.98	10.61	747.49	488.74
53009.000	1.00	123.63	144.00	117.67	12341.00	136.10	.00	136.53	48.61	7.32	4023.02	1770.01
53009.000	1.00	123.63	144.00	117.67	19178.00	138.71	.00	139.06	37.70	7.20	6196.60	3123.35
53009.000	1.00	123.63	144.00	117.67	35272.00	144.18	.00	144.45	24.37	6.97	10992.22	7144.91
53009.000	1.00	123.63	144.00	117.67	8513.00	133.90	.00	134.64	79.00	8.36	2269.29	957.77
53009.000	1.00	123.63	144.00	117.67	3665.00	128.30	.00	129.66	231.52	9.52	429.03	240.87
53021.000	12.00	123.63	144.00	117.67	6428.00	131.79	.00	133.21	147.86	10.08	795.78	528.63
53021.000	12.00	123.63	144.00	117.67	12341.00	136.18	.00	136.59	46.61	7.20	4092.06	1807.67
53021.000	12.00	123.63	144.00	117.67	19178.00	138.77	.00	139.11	37.07	7.16	6234.62	3149.87
53021.000	12.00	123.63	144.00	117.67	35272.00	144.21	.00	144.48	24.23	6.96	11013.78	7165.86
53021.000	12.00	123.63	144.00	117.67	8513.00	134.12	.00	134.76	68.59	7.88	2449.94	1027.88
53021.000	12.00	123.63	144.00	117.67	3665.00	128.85	.00	129.97	173.27	8.68	480.01	278.43

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
53022.000	1.00	.00	.00	117.67	6428.00	132.49	126.37	133.38	24.47	7.85	1340.77	1299.55
53022.000	1.00	.00	.00	117.67	12341.00	136.01	.00	136.78	21.53	8.58	4102.89	2659.85
53022.000	1.00	.00	.00	117.67	19178.00	138.56	.00	139.31	21.21	9.35	6222.19	4163.80
53022.000	1.00	.00	.00	117.67	35272.00	144.03	.00	144.66	16.75	9.79	11013.49	8618.68
53022.000	1.00	.00	.00	117.67	8513.00	134.03	.00	134.86	22.80	8.14	2526.55	1782.75
53022.000	1.00	.00	.00	117.67	3665.00	129.61	.00	130.15	19.43	5.97	708.54	831.46
53060.000	37.75	.00	.00	117.79	6428.00	132.55	126.88	133.50	26.03	8.09	1282.47	1259.86
53060.000	37.75	.00	.00	117.79	12341.00	136.07	.00	136.88	22.42	8.79	4037.75	2606.39
53060.000	37.75	.00	.00	117.79	19178.00	138.63	.00	139.41	21.81	9.54	6157.38	4106.54
53060.000	37.75	.00	.00	117.79	35272.00	144.08	.00	144.73	17.05	9.96	10933.93	8543.23
53060.000	37.75	.00	.00	117.79	8513.00	134.09	.00	134.98	24.07	8.38	2462.82	1735.02
53060.000	37.75	.00	.00	117.79	3665.00	129.67	.00	130.25	21.31	6.21	682.08	794.01
56325.000	3265.00	.00	.00	126.90	6428.00	140.29	.00	140.75	19.13	5.46	1276.28	1469.60
56325.000	3265.00	.00	.00	126.90	12341.00	143.40	.00	144.14	22.05	7.19	2400.50	2628.28
56325.000	3265.00	.00	.00	126.90	19178.00	145.94	.00	146.91	23.77	8.50	3670.14	3933.44
56325.000	3265.00	.00	.00	126.90	35272.00	150.47	.00	151.77	24.86	10.44	6294.08	7073.82
56325.000	3265.00	.00	.00	126.90	8513.00	141.59	.00	142.16	20.12	6.14	168.86	1898.05
56325.000	3265.00	.00	.00	126.90	3665.00	137.17	.00	137.53	23.14	4.83	750.76	761.88
56345.000	520.00	.00	.00	127.59	6428.00	141.17	.00	141.58	13.73	5.67	2005.58	1734.51
56345.000	520.00	.00	.00	127.59	12341.00	144.52	.00	145.15	17.00	7.46	3506.68	2993.13
56345.000	520.00	.00	.00	127.59	19178.00	147.23	.00	148.01	18.75	8.75	5136.85	4428.50
56345.000	520.00	.00	.00	127.59	35272.00	151.98	.00	152.95	19.74	10.51	8554.04	7939.00
56345.000	520.00	.00	.00	127.59	8513.00	142.56	.00	143.06	15.02	6.39	2552.94	2196.31
56345.000	520.00	.00	.00	127.59	3665.00	138.14	.00	138.47	14.89	4.83	1140.14	949.80
57068.000	223.00	.00	.00	127.89	6428.00	141.51	.00	141.93	17.05	5.77	1974.09	1556.85
57068.000	223.00	.00	.00	127.89	12341.00	144.97	.00	145.57	19.27	7.35	3546.35	2811.47
57068.000	223.00	.00	.00	127.89	19178.00	147.77	.00	148.47	20.23	8.46	5253.44	4263.51
57068.000	223.00	.00	.00	127.89	35272.00	152.60	.00	153.43	20.48	10.02	8745.57	793.48
57068.000	223.00	.00	.00	127.89	8513.00	142.94	.00	143.43	17.91	6.42	2545.28	2011.58
57068.000	223.00	.00	.00	127.89	3665.00	138.51	.00	138.86	19.62	5.03	1112.94	827.38
57069.000	1.00	135.16	148.00	127.89	6428.00	141.41	.00	142.03	98.97	7.12	1753.79	646.13
57069.000	1.00	135.16	148.00	127.89	12341.00	144.94	.00	145.61	81.06	8.07	3341.07	1370.74
57069.000	1.00	135.16	148.00	127.89	19178.00	147.88	.00	148.50	65.61	8.38	5142.19	2367.64
57069.000	1.00	135.16	148.00	127.89	35272.00	152.94	.00	153.52	48.84	8.76	8825.08	5047.05
57069.000	1.00	135.16	148.00	127.89	8513.00	142.86	.00	143.52	91.45	7.58	2321.14	890.22
57069.000	1.00	135.16	148.00	127.89	3665.00	138.38	.00	139.01	162.03	6.86	892.83	287.92
57082.000	12.50	135.16	148.00	127.89	6428.00	141.58	.00	142.16	91.83	6.94	1811.76	670.80
57082.000	12.50	135.16	148.00	127.89	12341.00	145.08	.00	145.72	76.59	7.91	3417.93	1410.17
57082.000	12.50	135.16	148.00	127.89	19178.00	147.99	.00	148.59	63.31	8.27	5214.18	2410.36
57082.000	12.50	135.16	148.00	127.89	35272.00	153.02	.00	153.58	47.98	8.70	8878.58	5092.04
57082.000	12.50	135.16	148.00	127.89	8513.00	143.02	.00	143.64	85.64	7.41	2388.84	919.92
57082.000	12.50	135.16	148.00	127.89	3665.00	138.66	.00	139.21	135.80	6.48	963.79	314.50

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
57083.000	1.00	.00	.00	127.89	6428.00	141.90	.00	142.24	13.62	5.28	2118.57	1741.60
57083.000	1.00	.00	.00	127.89	12341.00	145.28	.00	145.77	15.94	6.78	3717.46	3090.77
57083.000	1.00	.00	.00	127.89	19178.00	148.00	.00	148.59	17.39	7.91	5405.82	4599.33
57083.000	1.00	.00	.00	127.89	35272.00	152.95	.00	153.65	17.51	9.36	9012.39	8428.17
57083.000	1.00	.00	.00	127.89	8513.00	143.32	.00	143.71	14.47	5.88	2712.06	2237.82
57083.000	1.00	.00	.00	127.89	3665.00	139.03	.00	139.30	14.59	4.52	1245.99	959.63
57138.000	55.00	.00	.00	128.08	6428.00	141.96	.00	142.31	11.54	5.28	2112.73	1892.23
57138.000	55.00	.00	.00	128.08	12341.00	145.35	.00	145.87	14.09	6.89	3692.73	3288.21
57138.000	55.00	.00	.00	128.08	19178.00	148.06	.00	148.71	15.71	8.11	5369.96	4838.70
57138.000	55.00	.00	.00	128.08	35272.00	153.00	.00	153.79	16.34	9.71	8951.51	8726.23
57138.000	55.00	.00	.00	128.08	8513.00	143.38	.00	143.80	12.49	5.92	2697.91	2409.07
57138.000	55.00	.00	.00	128.08	3665.00	139.11	.00	139.37	11.54	4.41	1262.22	1078.96

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SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
38705.000	6428.00	102.31	.00	.00	.00	237.47	.00
38705.000	12341.00	106.36	4.05	.00	.00	306.72	.00
38705.000	19178.00	109.83	3.47	.00	.00	397.03	.00
38705.000	35272.00	116.39	6.56	.00	.00	451.95	.00
38705.000	8513.00	103.91	-12.48	.00	.00	273.92	.00
38705.000	3665.00	99.67	-4.24	.00	.00	148.50	.00
40466.000	6428.00	105.64	.00	3.33	.00	201.46	1761.00
40466.000	12341.00	109.81	4.17	3.45	.00	254.35	1761.00
40466.000	19178.00	113.40	3.59	3.57	.00	305.04	1761.00
40466.000	35272.00	119.84	6.45	3.45	.00	388.13	1761.00
40466.000	8513.00	107.29	-12.55	3.38	.00	228.40	1761.00
40466.000	3665.00	102.92	-4.37	3.25	.00	159.00	1761.00
40819.000	6428.00	106.11	.00	.47	.00	181.22	353.00
40819.000	12341.00	110.27	4.15	.46	.00	253.15	353.00
40819.000	19178.00	113.84	3.58	.45	.00	302.72	353.00
40819.000	35272.00	120.27	6.43	.43	.00	387.18	353.00
40819.000	8513.00	107.76	-12.51	.46	.00	224.12	353.00
40819.000	3665.00	103.40	-4.36	.48	.00	105.85	353.00
40820.000	6428.00	105.87	.00	-.24	.00	174.85	1.00
40820.000	12341.00	110.18	4.32	-.08	.00	252.32	1.00
40820.000	19178.00	114.04	3.86	.20	.00	306.30	1.00
40820.000	35272.00	121.20	7.15	.93	.00	392.98	1.00
40820.000	8513.00	107.56	-13.64	-.20	.00	219.00	1.00
40820.000	3665.00	103.16	-4.38	-.22	.00	98.45	1.00
40840.000	6428.00	106.49	.00	.62	.00	191.22	20.00
40840.000	12341.00	110.61	4.12	.43	.00	256.63	20.00
40840.000	19178.00	114.35	3.74	.31	.00	311.70	20.00
40840.000	35272.00	121.40	7.04	.20	.00	394.23	20.00
40840.000	8513.00	108.11	-13.29	.55	.00	231.61	20.00
40840.000	3665.00	103.59	-4.52	.41	.00	112.35	20.00
40841.000	6428.00	107.02	.00	.53	.00	205.06	1.00
40841.000	12341.00	110.80	3.78	.19	.00	258.50	1.00
40841.000	19178.00	114.28	3.48	-.07	.00	310.48	1.00
40841.000	35272.00	121.11	6.82	-.29	.00	392.43	1.00
40841.000	8513.00	108.56	-12.55	.45	.00	236.10	1.00
40841.000	3665.00	104.20	-4.36	.61	.00	131.51	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
40929.000	6428.00	107.40	.00	.38	.00	217.51	87.50
40929.000	12341.00	111.46	4.05	.66	.00	263.05	87.50
40929.000	19178.00	115.14	3.69	.86	.00	322.03	87.50
40929.000	35272.00	122.14	6.99	1.03	.00	397.61	87.50
40929.000	8513.00	109.05	-13.09	.49	.00	238.96	87.50
40929.000	3665.00	104.44	-4.61	.23	.00	169.07	87.50
42623.000	6428.00	109.80	.00	2.40	.00	186.32	1694.50
42623.000	12341.00	114.00	4.20	2.54	.00	281.14	1694.50
42623.000	19178.00	117.70	3.70	2.56	.00	323.47	1694.50
42623.000	35272.00	124.56	6.85	2.42	.00	375.29	1694.50
42623.000	8513.00	111.49	-13.07	2.44	.00	241.71	1694.50
42623.000	3665.00	106.89	-4.60	2.45	.00	108.69	1694.50
42812.000	6428.00	110.16	.00	.36	.00	184.66	189.00
42812.000	12341.00	114.34	4.18	.34	.00	280.06	189.00
42812.000	19178.00	118.05	3.71	.34	.00	322.97	189.00
42812.000	35272.00	124.91	6.87	.36	.00	374.99	189.00
42812.000	8513.00	111.83	-13.08	.34	.00	239.44	189.00
42812.000	3665.00	107.30	-4.54	.41	.00	108.71	189.00
42813.000	6428.00	110.09	.00	-.05	.00	182.58	1.00
42813.000	12341.00	115.17	5.08	.84	.00	292.55	1.00
42813.000	19178.00	119.38	4.21	1.34	.00	334.57	1.00
42813.000	35272.00	126.72	7.34	1.81	.00	384.96	1.00
42813.000	8513.00	112.02	-14.70	.19	.00	245.28	1.00
42813.000	3665.00	107.08	-4.94	-.22	.00	107.10	1.00
42837.000	6428.00	110.87	.00	.78	.00	207.96	24.00
42837.000	12341.00	115.56	4.69	.39	.00	298.41	24.00
42837.000	19178.00	119.64	4.08	.26	.00	336.85	24.00
42837.000	35272.00	126.90	7.26	.18	.00	385.95	24.00
42837.000	8513.00	112.67	-14.23	.65	.00	255.02	24.00
42837.000	3665.00	108.07	-4.60	.99	.00	116.19	24.00
42838.000	6428.00	110.96	.00	.09	.00	210.90	1.00
42838.000	12341.00	115.37	4.41	-.19	.00	295.61	1.00
42838.000	19178.00	119.33	3.96	-.31	.00	334.14	1.00
42838.000	35272.00	126.44	7.11	-.46	.00	383.43	1.00
42838.000	8513.00	112.61	-13.83	-.06	.00	254.15	1.00
42838.000	3665.00	108.43	-4.18	.37	.00	128.28	1.00
42885.000	6428.00	111.69	.00	.73	.00	231.26	46.50
42885.000	12341.00	116.24	4.55	.87	.00	306.20	46.50
42885.000	19178.00	120.16	3.92	.83	.00	340.41	46.50
42885.000	35272.00	127.13	6.97	.69	.00	386.63	46.50
42885.000	8513.00	113.46	-13.67	.85	.00	265.23	46.50
42885.000	3665.00	108.89	-4.57	.45	.00	139.49	46.50

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKNS	TOPWID	XLCH
44354.000	6428.00	114.23	.00	2.54	.00	203.16	1469.50
44354.000	12341.00	118.87	4.64	2.62	.00	360.70	1469.50
44354.000	19178.00	122.86	3.99	2.70	.00	415.67	1469.50
44354.000	35272.00	130.01	7.15	2.88	.00	499.75	1469.50
44354.000	8513.00	116.05	-13.96	2.59	.00	233.99	1469.50
44354.000	3665.00	111.26	-4.79	2.37	.00	173.80	1469.50
44537.000	6428.00	114.58	.00	.35	.00	203.04	183.00
44537.000	12341.00	119.20	4.63	.34	.00	359.38	183.00
44537.000	19178.00	123.18	3.98	.32	.00	415.40	183.00
44537.000	35272.00	130.31	7.13	.30	.00	499.11	183.00
44537.000	8513.00	116.39	-13.92	.34	.00	233.25	183.00
44537.000	3665.00	111.62	-4.77	.36	.00	173.64	183.00
44538.000	6428.00	114.47	.00	-.11	.00	202.10	1.00
44538.000	12341.00	119.17	4.70	-.04	.00	358.14	1.00
44538.000	19178.00	123.27	4.10	.09	.00	415.95	1.00
44538.000	35272.00	130.64	7.37	.33	.00	503.15	1.00
44538.000	8513.00	116.32	-14.33	-.08	.00	229.71	1.00
44538.000	3665.00	111.43	-4.88	-.19	.00	170.56	1.00
44562.000	6428.00	114.68	.00	.21	.00	203.93	24.00
44562.000	12341.00	119.31	4.63	.14	.00	364.40	24.00
44562.000	19178.00	123.38	4.07	.11	.00	416.62	24.00
44562.000	35272.00	130.72	7.34	.08	.00	504.09	24.00
44562.000	8513.00	116.49	-14.23	.17	.00	237.40	24.00
44562.000	3665.00	111.83	-4.66	.40	.00	177.56	24.00
44563.000	6428.00	114.97	.00	.29	.00	206.50	1.00
44563.000	12341.00	119.42	4.45	-.11	.00	369.24	1.00
44563.000	19178.00	123.55	3.94	-.03	.00	416.45	1.00
44563.000	35272.00	130.61	7.26	-.11	.00	502.74	1.00
44563.000	8513.00	116.71	-13.90	.22	.00	247.46	1.00
44563.000	3665.00	112.26	-4.45	.43	.00	182.79	1.00
44608.000	6428.00	115.04	.00	.07	.00	206.23	45.00
44608.000	12341.00	119.49	4.45	.08	.00	368.09	45.00
44608.000	19178.00	123.43	3.93	.08	.00	416.28	45.00
44608.000	35272.00	130.68	7.25	.07	.00	502.36	45.00
44608.000	8513.00	116.79	-13.90	.08	.00	246.21	45.00
44608.000	3665.00	112.33	-4.46	.07	.00	182.44	45.00
45985.000	6428.00	117.02	.00	1.98	.00	205.64	1377.00
45985.000	12341.00	121.67	4.65	2.18	.00	287.26	1377.00
45985.000	19178.00	125.62	3.95	2.19	.00	363.52	1377.00
45985.000	35272.00	132.73	7.12	2.05	.00	458.10	1377.00
45985.000	8513.00	118.86	-13.87	2.07	.00	224.00	1377.00
45985.000	3665.00	114.07	-4.79	1.74	.00	159.85	1377.00

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SECHO	Q	CMSEL	DIFMSP	DIFMSX	DIFKJS	TOPMID	XLCH
46252.000	6428.00	117.32	.00	.30	.00	203.71	267.00
46252.000	12341.00	121.99	4.67	.32	.00	282.87	267.00
46252.000	19178.00	125.96	3.97	.34	.00	361.57	267.00
46252.000	35272.00	133.09	7.13	.36	.00	456.35	267.00
46252.000	8513.00	119.17	-13.93	.31	.00	222.17	267.00
46252.000	3665.00	114.34	-4.83	.27	.00	155.20	267.00
46253.000	6428.00	117.21	.00	.11	.00	202.59	1.00
46253.000	12341.00	121.95	4.74	.04	.00	281.80	1.00
46253.000	19178.00	126.04	4.09	.08	.00	362.62	1.00
46253.000	35272.00	133.54	7.50	.45	.00	462.32	1.00
46253.000	8513.00	119.08	-14.46	.08	.00	221.34	1.00
46253.000	3665.00	114.18	-4.90	.15	.00	151.93	1.00
46266.000	6428.00	117.34	.00	.13	.00	203.92	13.20
46266.000	12341.00	122.04	4.70	.09	.00	284.17	13.20
46266.000	19178.00	126.12	4.07	.08	.00	363.61	13.20
46266.000	35272.00	133.60	7.48	.06	.00	463.04	13.20
46266.000	8513.00	119.19	-14.40	.11	.00	222.43	13.20
46266.000	3665.00	114.39	-4.80	.21	.00	156.32	13.20
46267.000	6428.00	117.64	.00	.30	.00	206.94	1.00
46267.000	12341.00	122.16	4.52	.12	.00	287.31	1.00
46267.000	19178.00	126.09	3.93	.02	.00	363.28	1.00
46267.000	35272.00	133.45	7.36	.15	.00	461.06	1.00
46267.000	8513.00	119.42	-14.02	.23	.00	224.74	1.00
46267.000	3665.00	114.78	-4.64	.39	.00	164.61	1.00
46333.000	6428.00	117.72	.00	.08	.00	206.19	66.00
46333.000	12341.00	122.25	4.53	.09	.00	285.62	66.00
46333.000	19178.00	126.18	3.93	.09	.00	362.48	66.00
46333.000	35272.00	133.53	7.35	.09	.00	460.19	66.00
46333.000	8513.00	119.50	-14.03	.08	.00	224.04	66.00
46333.000	3665.00	114.85	-4.66	.07	.00	162.81	66.00
47989.000	6428.00	119.94	.00	2.23	.00	266.35	1656.00
47989.000	12341.00	124.58	4.64	2.33	.00	358.52	1656.00
47989.000	19178.00	128.59	4.01	2.41	.00	483.67	1656.00
47989.000	35272.00	135.99	7.39	2.45	.00	666.00	1656.00
47989.000	8513.00	121.77	-14.21	2.27	.00	300.63	1656.00
47989.000	3665.00	116.92	-4.85	2.08	.00	141.17	1656.00
48292.000	6428.00	120.59	.00	.64	.00	269.94	303.00
48292.000	12341.00	125.19	4.60	.61	.00	362.27	303.00
48292.000	19178.00	129.17	3.98	.58	.00	490.46	303.00
48292.000	35272.00	136.46	7.29	.48	.00	670.78	303.00
48292.000	8513.00	122.40	-14.06	.63	.00	303.97	303.00
48292.000	3665.00	117.54	-4.86	.62	.00	148.71	303.00

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
48293.000	6428.00	120.39	.00	-.20	.00	266.31	1.00
48293.000	12341.00	125.15	4.76	-.04	.00	361.37	1.00
48293.000	19178.00	129.36	4.20	.19	.00	500.24	1.00
48293.000	35272.00	136.99	7.63	.53	.00	674.57	1.00
48293.000	8513.00	122.28	-14.71	-.12	.00	301.67	1.00
48293.000	3665.00	117.72	-5.05	-.32	.00	134.69	1.00
48307.000	6428.00	120.78	.00	.39	.00	273.73	14.00
48307.000	12341.00	125.34	4.56	.19	.00	365.89	14.00
48307.000	19178.00	129.48	4.14	.12	.00	506.74	14.00
48307.000	35272.00	137.05	7.57	.06	.00	675.00	14.00
48307.000	8513.00	122.55	-14.50	.28	.00	306.89	14.00
48307.000	3665.00	117.92	-4.63	.70	.00	165.77	14.00
48308.000	6428.00	121.27	.00	.49	.00	282.92	1.00
48308.000	12341.00	125.45	4.18	.11	.00	368.50	1.00
48308.000	19178.00	129.42	3.97	-.06	.00	503.72	1.00
48308.000	35272.00	136.88	7.46	-.17	.00	673.77	1.00
48308.000	8513.00	122.89	-13.99	.34	.00	313.23	1.00
48308.000	3665.00	118.54	-4.35	.62	.00	193.72	1.00
48383.000	6428.00	121.39	.00	.11	.00	280.55	75.00
48383.000	12341.00	125.57	4.19	.12	.00	365.95	75.00
48383.000	19178.00	129.53	3.96	.11	.00	497.26	75.00
48383.000	35272.00	136.96	7.43	.08	.00	672.72	75.00
48383.000	8513.00	123.01	-13.95	.12	.00	319.94	75.00
48383.000	3665.00	118.64	-4.37	.10	.00	187.87	75.00
50229.000	6428.00	124.58	.00	3.19	.00	362.81	1846.00
50229.000	12341.00	128.80	4.22	3.22	.00	543.49	1846.00
50229.000	19178.00	132.58	3.79	3.05	.00	612.30	1846.00
50229.000	35272.00	139.51	6.93	2.55	.00	633.61	1846.00
50229.000	8513.00	126.24	-13.27	3.23	.00	450.23	1846.00
50229.000	3665.00	121.77	-4.47	3.13	.00	177.65	1846.00
50532.000	6428.00	125.16	.00	.59	.00	349.06	303.00
50532.000	12341.00	129.26	4.10	.47	.00	532.71	303.00
50532.000	19178.00	132.97	3.71	.39	.00	610.91	303.00
50532.000	35272.00	139.82	6.85	.31	.00	631.47	303.00
50532.000	8513.00	126.78	-13.05	.54	.00	433.77	303.00
50532.000	3665.00	122.46	-4.32	.68	.00	163.83	303.00
50533.000	6428.00	124.84	.00	-.33	.00	332.17	1.00
50533.000	12341.00	129.10	4.26	-.17	.00	528.15	1.00
50533.000	19178.00	132.87	3.77	-.10	.00	610.60	1.00
50533.000	35272.00	139.78	6.91	-.04	.00	631.33	1.00
50533.000	8513.00	126.54	-13.24	-.24	.00	421.34	1.00
50533.000	3665.00	121.80	-4.74	-.66	.00	114.57	1.00

RECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKNS	TOPMID	XLCH
50547.000	6428.00	125.48	.00	.65	.00	365.73	14.00
50547.000	12341.00	129.33	3.85	.23	.00	534.58	14.00
50547.000	19178.00	133.00	3.67	.13	.00	611.00	14.00
50547.000	35272.00	139.85	6.85	.07	.00	631.56	14.00
50547.000	8513.00	126.93	-12.92	.39	.00	442.08	14.00
50547.000	3665.00	123.58	-3.35	1.78	.00	254.43	14.00
50548.000	6428.00	126.17	.00	.69	.00	402.32	1.00
50548.000	12341.00	129.80	3.63	.47	.00	547.56	1.00
50548.000	19178.00	133.29	3.50	.29	.00	611.89	1.00
50548.000	35272.00	139.98	6.69	.13	.00	631.95	1.00
50548.000	8513.00	127.53	-12.45	.60	.00	473.91	1.00
50548.000	3665.00	124.11	-3.42	.53	.00	293.90	1.00
50623.000	6428.00	126.28	.00	.11	.00	399.04	75.00
50623.000	12341.00	129.91	3.63	.11	.00	545.71	75.00
50623.000	19178.00	133.39	3.48	.10	.00	611.63	75.00
50623.000	35272.00	140.06	6.67	.08	.00	631.67	75.00
50623.000	8513.00	127.65	-12.41	.12	.00	470.81	75.00
50623.000	3665.00	124.20	-3.45	.09	.00	289.74	75.00
52854.000	6428.00	130.87	.00	4.59	.00	114.38	2231.00
52854.000	12341.00	134.49	3.62	4.59	.00	793.08	2231.00
52854.000	19178.00	137.45	2.95	4.06	.00	835.17	2231.00
52854.000	35272.00	143.35	5.90	3.29	.00	898.12	2231.00
52854.000	8513.00	132.42	-10.93	4.77	.00	762.17	2231.00
52854.000	3665.00	128.05	-4.37	3.85	.00	91.39	2231.00
53008.000	6428.00	131.62	.00	.75	.00	117.91	154.00
53008.000	12341.00	135.36	3.74	.87	.00	801.35	154.00
53008.000	19178.00	137.98	2.62	.53	.00	838.28	154.00
53008.000	35272.00	143.65	5.66	.29	.00	897.90	154.00
53008.000	8513.00	133.50	-10.15	1.08	.00	773.47	154.00
53008.000	3665.00	128.64	-4.87	.59	.00	93.57	154.00
53009.000	6428.00	131.38	.00	.24	.00	115.97	1.00
53009.000	12341.00	136.10	4.72	.74	.00	812.33	1.00
53009.000	19178.00	138.71	2.61	.73	.00	848.32	1.00
53009.000	35272.00	144.18	5.46	.53	.00	902.33	1.00
53009.000	8513.00	133.90	-10.28	.39	.00	779.40	1.00
53009.000	3665.00	128.30	-5.60	.34	.00	90.85	1.00
53021.000	6428.00	131.79	.00	.41	.00	119.31	12.00
53021.000	12341.00	136.18	4.39	.08	.00	813.50	12.00
53021.000	19178.00	138.77	2.59	.05	.00	848.94	12.00
53021.000	35272.00	144.21	5.44	.03	.00	902.51	12.00
53021.000	8513.00	134.12	-10.09	.22	.00	782.87	12.00
53021.000	3665.00	128.85	-5.27	.55	.00	95.32	12.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
53022.000	6428.00	132.49	.00	.70	.00	758.30	1.00
53022.000	12341.00	136.01	3.52	-.18	.00	811.09	1.00
53022.000	19178.00	138.56	2.56	-.20	.00	846.26	1.00
53022.000	35272.00	144.03	5.47	-.18	.00	901.23	1.00
53022.000	8513.00	134.03	-10.00	-.09	.00	781.40	1.00
53022.000	3665.00	129.61	-4.42	.76	.00	101.59	1.00
53060.000	6428.00	132.55	.00	.07	.00	757.52	37.75
53060.000	12341.00	136.07	3.51	.06	.00	810.25	37.75
53060.000	19178.00	138.63	2.56	.07	.00	845.51	37.75
53060.000	35272.00	144.08	5.45	.05	.00	900.68	37.75
53060.000	8513.00	134.09	-9.99	.06	.00	780.55	37.75
53060.000	3665.00	129.67	-4.42	.05	.00	100.99	37.75
56325.000	6428.00	140.29	.00	7.74	.00	267.79	3265.00
56325.000	12341.00	143.40	3.11	7.33	.00	451.64	3265.00
56325.000	19178.00	145.94	2.54	7.31	.00	524.77	3265.00
56325.000	35272.00	150.47	4.53	6.39	.00	623.78	3265.00
56325.000	8513.00	141.59	-8.88	7.51	.00	348.77	3265.00
56325.000	3665.00	137.17	-4.43	7.50	.00	121.86	3265.00
56845.000	6428.00	141.17	.00	.88	.00	353.65	520.00
56845.000	12341.00	144.52	3.35	1.12	.00	537.43	520.00
56845.000	19178.00	147.23	2.71	1.29	.00	664.91	520.00
56845.000	35272.00	151.98	4.76	1.51	.00	757.71	520.00
56845.000	8513.00	142.56	-9.42	.97	.00	433.60	520.00
56845.000	3665.00	138.14	-4.42	.98	.00	253.50	520.00
57068.000	6428.00	141.51	.00	.34	.00	355.85	223.00
57068.000	12341.00	144.97	3.46	.46	.00	544.79	223.00
57068.000	19178.00	147.77	2.80	.54	.00	676.25	223.00
57068.000	35272.00	152.60	4.83	.61	.00	761.88	223.00
57068.000	8513.00	142.94	-9.66	.38	.00	438.54	223.00
57068.000	3665.00	138.51	-4.43	.37	.00	254.21	223.00
57069.000	6428.00	141.41	.00	-.09	.00	350.44	1.00
57069.000	12341.00	144.94	3.52	-.03	.00	543.23	1.00
57069.000	19178.00	147.88	2.94	.11	.00	681.51	1.00
57069.000	35272.00	152.94	5.06	.35	.00	766.56	1.00
57069.000	8513.00	142.86	-10.08	-.08	.00	433.66	1.00
57069.000	3665.00	138.38	-4.48	-.13	.00	252.90	1.00
57082.000	6428.00	141.58	.00	.16	.00	359.83	12.50
57082.000	12341.00	145.08	3.50	.14	.00	549.84	12.50
57082.000	19178.00	147.99	2.91	.11	.00	686.46	12.50
57082.000	35272.00	153.02	5.03	.07	.00	767.49	12.50
57082.000	8513.00	143.02	-10.00	.15	.00	442.55	12.50
57082.000	3665.00	138.66	-4.36	.28	.00	255.69	12.50

SECNO	Q	CMSL	DIFMSP	DIFMSX	DIFKVS	TOPWID	XLCH
57083.000	6428.00	141.90	.00	.32	.00	378.48	1.00
57083.000	12341.00	145.28	3.38	.20	.00	559.36	1.00
57083.000	19178.00	148.09	2.72	.01	.00	686.76	1.00
57083.000	35272.00	152.95	4.95	-.07	.00	766.56	1.00
57083.000	8513.00	143.52	-9.63	.30	.00	459.89	1.00
57083.000	3665.00	139.03	-4.29	.37	.00	259.39	1.00
57138.000	6428.00	141.96	.00	.06	.00	370.66	55.00
57138.000	12341.00	145.35	3.38	.06	.00	553.46	55.00
57138.000	19178.00	148.06	2.72	.06	.00	681.19	55.00
57138.000	35272.00	153.00	4.95	.05	.00	764.70	55.00
57138.000	8513.00	143.38	-9.62	.06	.00	452.42	55.00
57138.000	3665.00	139.11	-4.28	.08	.00	258.27	55.00

NC	.145	.180	.049	.000	.000	.000	.000	.000	.000	.000
X1	61282.000	18.000	5000.000	5052.400	797.000	797.000	797.000	.000	.160	.000
X4	1.000	143.930	5057.400	.000	.000	.000	.000	.000	.000	.000
GR	168.000	4825.000	156.000	4877.500	152.000	4887.500	148.000	4925.000	144.000	4962.500
GR	143.570	5000.000	137.910	5001.660	137.220	5020.000	137.750	5027.000	137.750	5027.010
GR	137.750	5028.800	137.750	5028.810	137.960	5040.000	143.910	5052.400	148.000	5076.400
GR	152.000	5096.400	156.000	5106.400	168.000	5150.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	61478.000	30.000	5000.000	5052.400	195.000	195.000	195.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	172.000	4810.000	156.000	4877.500	152.000	4887.500	148.000	4925.000	144.000	4962.500
GR	143.570	5000.000	141.850	5000.010	141.850	5000.790	141.850	5000.800	141.850	5001.650
GR	137.910	5001.660	138.330	5010.000	137.220	5020.000	137.750	5027.000	137.750	5027.010
GR	137.750	5028.800	137.750	5028.810	137.960	5040.000	139.320	5048.000	139.700	5050.700
GR	142.110	5050.710	142.110	5051.600	142.110	5051.610	142.110	5052.390	143.910	5052.400
GR	144.000	5057.400	148.000	5076.400	152.000	5096.400	156.000	5106.400	172.000	5160.000
NC	.000	.000	.047	.000	.000	.000	.000	.000	.000	.000
X1	61479.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-30.000	4810.000	172.000	172.000	4877.500	156.000	156.000	4887.500	152.000	152.000
BT	.000	4925.000	148.000	148.000	4962.500	144.000	144.000	5000.000	143.570	143.570
BT	.000	5000.010	143.870	141.850	5000.790	143.870	141.850	5000.800	143.550	141.850
BT	.000	5001.650	143.550	141.850	5001.660	143.550	141.850	5010.000	143.580	141.880
BT	.000	5020.000	143.620	141.910	5027.000	143.650	141.930	5027.010	143.650	137.750
BT	.000	5028.800	143.660	137.750	5028.810	143.660	141.930	5040.000	143.750	142.020
BT	.000	5048.000	143.820	142.090	5050.700	143.840	142.110	5050.710	143.840	142.110
BT	.000	5051.600	143.910	142.110	5051.610	145.260	142.110	5052.390	145.260	142.110
BT	.000	5052.400	143.910	143.910	5057.400	144.000	144.000	5076.400	148.000	148.000
-BT	.000	5096.400	152.000	152.000	5106.400	156.000	156.000	5160.000	172.000	172.000
X1	61491.000	.000	.000	.000	12.000	12.000	12.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.160
X1	61492.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	61540.000	18.000	5000.000	5052.400	48.000	48.000	48.000	.000	.180	.000
X4	1.000	144.160	5057.400	.000	.000	.000	.000	.000	.000	.000
GR	172.000	4810.000	156.000	4877.500	152.000	4887.500	148.000	4925.000	144.000	4962.500
GR	143.570	5000.000	137.910	5001.660	137.220	5020.000	137.750	5027.000	137.750	5027.010
GR	137.750	5028.800	137.750	5028.810	137.960	5040.000	143.910	5052.400	148.000	5076.400
GR	152.000	5096.400	156.000	5106.400	172.000	5160.000	.000	.000	.000	.000
NC	.140	.180	.049	.100	.300	.000	.000	.000	.000	.000
X1	63705.000	31.000	5655.000	5808.000	2165.000	2165.000	2165.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	150.000	5000.000	160.000	5035.000	158.000	5110.000	156.000	5170.000	155.000	5370.000
GR	152.000	5445.000	151.000	5465.000	152.000	5490.000	156.000	5570.000	157.000	5635.000
GR	156.000	5655.000	149.460	5668.000	149.670	5693.000	148.310	5715.000	146.000	5735.000
GR	145.740	5738.000	145.130	5748.000	144.980	5758.000	144.650	5768.000	144.620	5778.000
GR	145.360	5788.000	146.000	5798.000	148.570	5803.000	156.000	5808.000	160.000	5888.000

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GR	161.000	5933.000	164.000	5978.000	168.000	6008.000	172.000	6038.000	176.000	6053.000
GR	180.000	6083.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.140	.180	.049	.000	.000	.000	.000	.000	.000	.000
X1	64980.000	24.000	5000.000	5062.010	1275.000	1275.000	1275.000	.000	-.430	.000
GR	180.000	4670.000	160.000	4795.000	156.000	4970.000	154.370	5000.000	151.460	5001.000
GR	151.460	5001.010	151.460	5002.000	151.460	5002.010	150.080	5007.000	148.960	5010.000
GR	147.920	5020.000	147.630	5030.500	147.630	5030.510	147.630	5032.300	147.400	5040.000
GR	147.620	5050.000	149.320	5060.000	154.430	5062.010	160.000	5172.000	164.000	5210.000
GR	168.000	5235.000	172.000	5245.000	176.000	5251.000	180.000	5261.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	65204.000	30.000	5000.000	5062.010	223.800	223.800	223.800	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	154.370	154.430	.000
GR	180.000	4670.000	160.000	4795.000	156.000	4970.000	154.370	5000.000	151.460	5000.010
GR	151.460	5001.000	151.460	5001.010	151.460	5002.000	151.460	5002.010	150.080	5007.000
GR	148.960	5010.000	147.920	5020.000	147.630	5030.500	147.630	5030.510	147.630	5032.300
GR	147.630	5032.310	147.400	5040.000	147.620	5050.000	149.320	5060.000	149.320	5060.010
GR	149.320	5061.000	149.320	5061.010	149.320	5062.000	154.430	5062.010	160.000	5172.000
GR	164.000	5210.000	168.000	5235.000	172.000	5245.000	176.000	5251.000	180.000	5261.000
NC	.000	.000	.047	.000	.000	.000	.000	.000	.000	.000
X1	65205.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-30.000	4670.000	180.000	180.000	4795.000	160.000	160.000	4970.000	156.000	156.000
BT	.000	5000.000	154.370	154.370	5000.010	154.370	151.460	5001.000	154.370	151.460
BT	.000	5001.010	155.140	151.460	5002.000	155.140	151.460	5002.010	155.140	152.530
BT	.000	5007.000	155.130	152.480	5010.000	155.130	152.440	5020.000	155.120	152.330
BT	.000	5030.500	155.110	152.220	5030.510	155.110	147.630	5032.300	155.110	147.630
BT	.000	5032.310	155.110	152.220	5040.000	155.120	152.300	5050.000	155.120	152.400
BT	.000	5060.000	155.130	152.500	5060.010	155.130	149.320	5061.000	155.130	149.320
BT	.000	5061.010	154.430	149.320	5062.000	154.430	149.320	5062.010	154.430	154.430
BT	.000	5172.000	160.000	160.000	5210.000	164.000	164.000	5235.000	168.000	168.000
BT	.000	5245.000	172.000	172.000	5251.000	176.000	176.000	5261.000	180.000	180.000
X1	65225.000	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.000
X1	65226.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	65281.000	24.000	5000.000	5062.010	55.200	55.200	55.200	.000	.140	.000
GR	180.000	4670.000	160.000	4795.000	156.000	4970.000	154.370	5000.000	151.460	5001.000
GR	151.460	5001.010	151.460	5002.000	151.460	5002.010	150.080	5007.000	148.960	5010.000
GR	147.920	5020.000	147.630	5030.500	147.630	5030.510	147.630	5032.300	147.400	5040.000
GR	147.620	5050.000	149.320	5060.000	154.430	5062.010	160.000	5172.000	164.000	5210.000
GR	168.000	5235.000	172.000	5245.000	176.000	5251.000	180.000	5261.000	.000	.000
NC	.140	.140	.049	.100	.300	.000	.000	.000	.000	.000
X1	66592.000	18.000	4992.000	5055.000	1311.000	1311.000	1311.000	.000	-.370	.000
GR	184.000	4855.000	160.000	4970.000	157.900	4992.000	153.710	5001.010	152.390	5002.810
GR	151.260	5007.070	150.720	5014.140	150.740	5014.560	150.740	5014.570	150.740	5028.410
GR	150.740	5028.420	151.520	5035.400	152.130	5041.900	157.900	5055.000	160.000	5073.000
GR	164.000	5283.000	168.000	5323.000	184.000	5370.000	.000	.000	.000	.000

NC	.000	.000	.043	.000	.000	.000	.000	.000	.000	.000
X1	68505.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-27.000	4800.000	188.000	188.000	4838.500	176.000	176.000	4855.500	172.000	172.000
BT	.000	4943.000	168.000	168.000	4995.000	162.390	162.390	4999.990	161.050	161.050
BT	.000	5000.000	161.050	160.220	5000.010	161.050	160.220	5005.000	160.890	160.120
BT	.000	5015.000	160.570	159.930	5025.500	160.560	159.730	5025.510	162.230	156.500
BT	.000	5026.490	162.230	156.500	5026.500	160.560	159.730	5030.000	160.570	159.740
BT	.000	5030.010	160.570	159.740	5031.500	160.570	159.740	5031.510	160.570	159.740
BT	.000	5031.520	160.570	160.570	5035.000	160.540	160.540	5091.500	160.000	160.000
BT	.000	5161.500	160.000	160.000	5406.500	164.000	164.000	5490.500	168.000	168.000
BT	.000	5495.500	172.000	172.000	5505.500	176.000	176.000	5538.000	188.000	188.000
X1	68525.000	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X2	.000	.000	.030	.000	.000	.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.045	.000	.000	.000	.000	.000	.000	.000
X1	68526.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	68557.000	22.000	4999.990	5031.520	30.500	30.500	30.500	.000	.090	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	188.000	4800.000	176.000	4838.500	172.000	4855.500	168.000	4943.000	162.390	4995.000
GR	161.050	4999.990	156.950	5005.000	155.130	5015.000	156.500	5025.500	156.500	5025.510
GR	156.500	5026.490	156.500	5026.500	158.200	5030.000	160.570	5031.520	160.540	5035.000
GR	160.000	5091.500	160.000	5161.500	164.000	5406.500	168.000	5490.500	172.000	5495.500
GR	176.000	5505.500	188.000	5538.000	.000	.000	.000	.000	.000	.000
NC	.180	.160	.048	.100	.300	.000	.000	.000	.000	.000
X1	72032.000	11.000	5000.000	5060.510	3475.500	3475.503	475.500	.000	.530	.000
X4	2.000	175.450	4950.000	175.450	5130.500	.000	.000	.000	.000	.000
GR	192.000	4880.000	170.940	5000.000	165.910	5001.260	164.030	5010.000	163.600	5020.000
GR	165.070	5030.500	165.230	5040.000	165.270	5050.000	165.820	5059.500	170.910	5060.510
GR	192.000	5350.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	72257.000	21.000	5000.000	5060.510	224.000	224.000	224.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	192.000	4880.000	176.000	4950.000	170.940	5000.000	168.390	5000.010	168.390	5001.250
GR	165.910	5001.260	164.030	5010.000	163.600	5020.000	165.070	5029.500	165.070	5029.510
GR	165.070	5031.500	165.070	5031.510	164.630	5036.000	165.230	5040.000	165.270	5050.000
GR	165.820	5059.500	168.410	5059.510	168.410	5060.500	170.910	5060.510	176.000	5130.500
GR	192.000	5350.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.046	.000	.000	.000	.000	.000	.000	.000
X1	72258.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-21.000	4880.000	192.000	192.000	4950.000	176.000	176.000	5000.000	170.940	170.940
BT	.000	5000.010	171.590	168.390	5001.250	171.590	168.390	5001.260	171.590	168.390
BT	.000	5010.000	171.590	168.390	5020.000	171.580	168.400	5029.500	171.580	168.400
BT	.000	5029.510	171.580	165.070	5031.500	171.580	165.070	5031.510	171.580	168.400
BT	.000	5036.000	171.580	168.400	5040.000	171.590	168.400	5050.000	171.600	168.410

BT	.000	5059.500	171.610	168.410	5059.510	171.610	168.410	5060.500	171.610	168.410	5060.500	171.610	168.410
BT	.000	5060.510	170.910	170.910	5130.500	176.000	176.000	5350.000	192.000	192.000	5350.000	192.000	192.000
X1	72273.000	.000	.000	.000	15.000	15.000	15.000	.000	.000	.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.048	.000	.000	.000	.000	.000	.000	.000	.000	.000	.030
X1	72274.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	72329.000	11.000	5000.000	5060.510	55.250	55.250	55.250	.000	.270	.000	.000	.000	.000
X4	2.000	176.280	4950.000	176.280	5130.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	192.000	4880.000	170.940	5000.000	165.910	5001.260	164.030	5010.000	163.600	163.600	5020.000	163.600	5020.000
GR	165.070	5030.500	165.230	5040.000	165.270	5050.000	165.820	5059.500	170.910	170.910	5060.510	170.910	5060.510
GR	192.000	5350.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.130	.170	.048	.100	.300	.000	.000	.000	.000	.000	.000	.000	.000
X1	73515.000	24.000	5549.500	5649.500	1186.000	1186.000	1186.000	.000	.000	.000	.000	.000	.000
GR	200.000	4730.000	181.000	5235.000	180.000	5260.000	178.000	5310.000	176.000	176.000	5350.000	176.000	5350.000
GR	173.000	5500.000	173.030	5524.500	172.580	5549.500	171.220	5570.500	170.000	170.000	5575.500	170.000	5575.500
GR	169.470	5584.000	169.660	5594.500	169.700	5649.500	169.400	5614.500	168.900	168.900	5624.500	168.900	5624.500
GR	169.090	5634.500	169.070	5644.500	170.000	5647.500	173.070	5649.500	174.760	174.760	5659.500	174.760	5659.500
GR	180.000	5665.000	183.000	5680.000	184.000	5690.000	200.000	5850.000	.000	.000	.000	.000	.000
NC	.150	.170	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	74564.000	26.000	5000.000	5067.010	1049.000	1049.000	1049.000	.000	.000	.000	.000	.000	.000
GR	220.000	4603.000	200.000	4613.000	196.000	4623.000	192.000	4638.000	188.000	188.000	4703.000	188.000	4703.000
GR	184.000	4790.000	180.000	4940.000	180.110	4940.000	172.150	5001.010	171.770	171.770	5010.000	171.770	5010.000
GR	170.570	5023.000	170.570	5025.010	169.200	5030.000	172.960	5040.000	171.710	171.710	5046.500	171.710	5046.500
GR	171.710	5046.510	171.710	5048.510	172.100	5060.000	173.770	5065.500	180.120	180.120	5067.010	180.120	5067.010
GR	184.000	5156.000	188.000	5194.000	192.000	5224.000	196.000	5246.000	200.000	200.000	5446.000	200.000	5446.000
GR	220.000	5346.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000
X1	74807.000	34.000	5000.000	5067.010	243.000	243.000	243.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	220.000	4603.000	200.000	4613.000	196.000	4623.000	192.000	4638.000	188.000	188.000	4703.000	188.000	4703.000
GR	184.000	4790.000	180.000	4940.000	180.110	4940.000	172.150	5001.010	171.770	171.770	5010.000	171.770	5010.000
GR	170.570	5023.010	169.200	5030.000	171.080	5035.000	172.960	5040.000	171.710	171.710	5046.500	171.710	5046.500
GR	171.710	5046.510	171.710	5048.510	171.710	5048.510	172.100	5060.000	173.770	173.770	5065.500	173.770	5065.500
GR	177.680	5065.510	177.680	5067.010	180.120	5067.010	184.000	5156.000	188.000	188.000	5194.000	188.000	5194.000
GR	192.000	5224.000	196.000	5246.000	200.000	5446.000	220.000	5546.000	.000	.000	.000	.000	.000
NC	.000	.000	.046	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	74808.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000	.000	.000	.000
BT	-34.000	4603.000	220.000	220.000	4613.000	200.000	200.000	4623.000	196.000	196.000	4623.000	196.000	196.000
BT	.000	4638.000	192.000	192.000	4703.000	188.000	188.000	4790.000	184.000	184.000	4790.000	184.000	184.000
BT	.000	4940.000	180.000	180.000	5000.000	180.110	180.110	5010.010	180.360	180.360	5020.000	180.360	5020.000
BT	.000	5001.000	180.630	178.360	5001.010	180.630	178.360	5010.000	180.340	180.340	5010.000	180.340	5010.000
BT	.000	5023.000	179.920	177.460	5023.010	179.920	179.920	5025.000	179.880	179.880	5025.000	179.880	5025.000
BT	.000	5025.010	179.880	177.460	5030.000	179.850	177.510	5035.000	179.820	179.820	5035.000	179.820	5035.000
BT	.000	5040.000	179.780	177.610	5046.500	179.740	177.670	5046.510	179.740	179.740	5046.510	179.740	5046.510

BT	.000	5048.500	179.780	171.710	5048.510	179.780	177.680	5060.000	180.360	177.680
BT	.000	5065.500	180.630	177.680	5065.510	180.640	177.680	5067.000	180.710	177.680
BT	.000	5067.010	180.120	180.120	5156.000	184.000	184.000	5194.000	188.000	188.000
BT	.000	5224.000	192.000	192.000	5246.000	196.000	196.000	5446.000	200.000	200.000
BT	.000	5546.000	220.000	220.000	.000	.000	.000	.000	.000	.000
X1	74822.000	.000	.000	.000	14.000	14.000	14.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
MC	.000	.000	.048	.000	.000	.000	.000	.000	.000	.000
X1	74823.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	74883.000	26.000	5000.000	5067.010	60.000	60.000	60.000	4638.000	188.000	4703.000
GR	220.000	4603.000	200.000	4613.000	196.000	4627.000	192.000	5001.010	171.770	5010.000
GR	184.000	4790.000	180.000	4940.000	180.110	5000.000	172.150	5040.000	171.770	5010.000
GR	170.570	5023.000	170.570	5023.010	169.200	5030.000	172.960	5065.500	180.120	5046.500
GR	171.710	5046.510	171.710	5048.510	172.100	5060.000	173.770	5246.000	200.000	5067.010
GR	184.000	5156.000	188.000	5194.000	192.000	5224.000	196.000	5446.000	.000	5446.000
GR	220.000	5546.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.145	.145	.000	.100	.300	.000	.000	.000	.000	.000
X1	75565.000	31.000	5369.000	5472.000	682.000	682.000	682.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	220.000	4992.000	184.000	5030.000	187.000	5055.000	180.000	5075.000	180.000	5110.000
GR	182.000	5150.000	184.000	5250.000	184.000	5365.000	180.110	5369.000	179.250	5379.000
GR	176.720	5390.000	174.000	5391.000	173.300	5399.000	173.120	5409.000	173.180	5419.000
GR	173.570	5429.000	173.800	5439.000	174.000	5449.000	174.000	5453.000	175.010	5456.000
GR	177.800	5460.000	182.350	5472.000	183.000	5510.000	184.000	5520.000	184.000	5620.000
GR	186.000	5740.000	187.000	5875.000	188.000	5980.000	192.000	6050.000	196.000	6070.000
GR	220.000	6100.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.170	.160	.046	.000	.000	.000	.000	.000	.000	.000
X1	78043.000	18.000	5000.000	5057.010	2478.000	2478.000	2478.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X4	2.000	187.270	4940.000	191.270	5137.000	.000	.000	.000	.000	.000
GR	220.000	4661.000	212.000	4681.000	208.000	4691.000	204.000	4706.000	200.000	4816.000
GR	196.000	4886.000	192.000	4918.000	188.000	4940.000	186.920	5000.000	184.030	5000.010
GR	181.780	5011.000	182.450	5016.000	183.410	5028.000	183.410	5028.010	182.370	5033.000
GR	182.370	5035.010	182.030	5036.000	181.200	5046.000	183.550	5055.000	186.270	5057.000
GR	187.330	5057.010	192.000	5137.000	196.000	5277.000	200.000	5422.000	204.000	5487.000
GR	208.000	5527.000	212.000	5552.000	220.000	5569.000	.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	78246.000	28.000	5000.000	5057.010	203.000	203.000	203.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	220.000	4661.000	212.000	4681.000	208.000	4691.000	204.000	4706.000	200.000	4816.000
GR	196.000	4886.000	192.000	4918.000	188.000	4940.000	186.920	5000.000	184.030	5000.010
GR	181.780	5011.000	182.450	5016.000	183.410	5028.000	183.410	5028.010	182.370	5033.000
GR	182.370	5035.010	182.030	5036.000	181.200	5046.000	183.550	5055.000	186.270	5057.000
GR	187.330	5057.010	192.000	5137.000	196.000	5277.000	200.000	5422.000	204.000	5487.000
GR	208.000	5527.000	212.000	5552.000	220.000	5569.000	.000	.000	.000	.000

THIS RUN EXECUTED 02-23-86 14:58:31

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 50-YEAR EVENT

J1	WVECK	INQ	NIRV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.000000	.00	.0	0.	145.350	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 14:59:29

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KPC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	148.060	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 15:00:29

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COM# 2320
 T3 JOHNS RIVER DATE: 2/23/86 500-YEAR EVENT

J1	ICHECK	INQ	WINV	IDIR	STRT	NETRIC	HVINS	Q	WSEL	FG
	0.	5.	0.	0.	.000000	.00	.0	0.	153.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 15:01:29

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 20-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	.000000	.00	.0	0.	143.380	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 15:02:24

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR.HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 2.5-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Ø	WSEL	FQ
	0.	7.	0.	0.	.000000	.00	.0	0.	139.110	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-23-86 15:03:28

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XI VERSION AUGUST 1985

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

JOHNS RIVER

SUMMARY PRINTOUT

SECTNO	CWSEL	AREA	Q
57138.000	141.96	2114.12	6428.00
57138.000	145.35	3694.73	12341.00
57138.000	148.06	5367.70	19178.00
57138.000	153.00	8953.79	35272.00
57138.000	143.38	2698.73	8513.00
57138.000	139.11	1262.95	3665.00
60485.000	149.64	1293.72	7307.00
60485.000	153.53	3230.01	13791.00
60485.000	156.13	4755.84	20704.00
60485.000	160.92	7741.01	38023.00
60485.000	151.61	2130.45	9606.00
60485.000	147.26	701.11	4227.00
61282.000	152.66	1615.61	7307.00
61282.000	156.09	2371.50	13791.00
61282.000	158.52	2949.82	20704.00
61282.000	162.82	4088.50	38023.00
61282.000	154.16	1937.00	9606.00
61282.000	149.99	1092.63	4227.00
61478.000	153.27	1789.62	7307.00
61478.000	157.08	2647.93	13791.00
61478.000	159.97	3367.13	20704.00
61478.000	165.54	4924.28	38023.00
61478.000	154.88	2143.63	9606.00
61478.000	150.44	1211.77	4227.00
61479.000	153.56	1753.60	7307.00
61479.000	157.74	2708.23	13791.00
61479.000	161.03	3543.34	20704.00
61479.000	167.52	5435.82	38023.00
61479.000	155.30	2138.84	9606.00
61479.000	150.54	1131.89	4227.00

SECHO	CWSEL	AREA	Q
61491.000	153.64	1769.43	7307.00
61491.000	157.82	2726.57	13791.00
61491.000	161.12	3567.31	20704.00
61491.000	167.62	5466.68	38023.00
61491.000	155.38	2155.21	9606.00
61491.000	150.62	1146.24	4227.00
61492.000	153.54	1848.24	7307.00
61492.000	157.62	2776.00	13791.00
61492.000	160.80	3582.17	20704.00
61492.000	167.07	5392.93	38023.00
61492.000	155.24	2224.23	9606.00
61492.000	150.59	1239.09	4227.00
61540.000	153.61	1812.02	7307.00
61540.000	157.70	2740.96	13791.00
61540.000	160.89	3547.55	20704.00
61540.000	167.16	5355.10	38023.00
61540.000	155.31	2188.30	9606.00
61540.000	150.64	1204.30	4227.00
63705.000	157.06	2592.50	7307.00
63705.000	161.23	5937.77	13791.00
63705.000	164.63	9106.20	20704.00
63705.000	171.45	15842.37	38023.00
63705.000	158.74	3825.25	9606.00
63705.000	154.14	1000.30	4227.00
64980.000	159.25	1395.62	7307.00
64980.000	162.78	2805.15	13791.00
64980.000	165.84	4176.45	20704.00
64980.000	172.80	7688.61	38023.00
64980.000	160.63	1922.13	9606.00
64980.000	156.88	727.16	4227.00
65204.000	160.46	1697.78	7307.00
65204.000	163.98	3145.45	13791.00
65204.000	166.92	4489.43	20704.00
65204.000	173.54	7863.06	38023.00
65204.000	161.88	2254.09	9606.00
65204.000	157.83	852.53	4227.00
65205.000	160.80	1638.76	7307.00
65205.000	164.81	3326.50	13791.00
65205.000	167.90	4777.21	20704.00
65205.000	174.57	8236.87	38023.00
65205.000	162.49	2320.64	9606.00
65205.000	157.56	603.92	4227.00

SECNO	CWSEL	AREA	Q
65225.000	161.19	1793.25	7307.00
65225.000	164.98	3404.89	13791.00
65225.000	168.03	4843.86	20704.00
65225.000	174.66	8283.30	38023.00
65225.000	162.73	2421.14	9606.00
65225.000	158.81	929.23	4227.00
65226.000	161.09	1939.37	7307.00
65226.000	164.76	3490.24	13791.00
65226.000	167.75	4892.76	20704.00
65226.000	174.34	8291.56	38023.00
65226.000	162.57	2539.78	9606.00
65226.000	159.00	1175.60	4227.00
65281.000	161.22	1928.72	7307.00
65281.000	164.89	3476.63	13791.00
65281.000	167.88	4881.44	20704.00
65281.000	174.44	8267.47	38023.00
65281.000	162.70	2528.63	9606.00
65281.000	159.10	1155.59	4227.00
66592.000	164.51	1667.37	7307.00
66592.000	168.26	3069.10	13791.00
66592.000	171.28	4298.99	20704.00
66592.000	177.45	7037.85	38023.00
66592.000	166.01	2204.02	9606.00
66592.000	161.87	877.01	4227.00
66755.000	164.97	1700.69	7307.00
66755.000	168.73	3109.01	13791.00
66755.000	171.76	4344.73	20704.00
66755.000	177.91	7076.34	38023.00
66755.000	166.47	2237.99	9606.00
66755.000	162.29	886.92	4227.00
66756.000	164.87	1456.47	7307.00
66756.000	168.94	2979.52	13791.00
66756.000	172.14	4295.62	20704.00
66756.000	178.49	7138.23	38023.00
66756.000	166.46	2026.49	9606.00
66756.000	161.92	595.36	4227.00
66774.000	165.25	1589.81	7307.00
66774.000	169.11	3046.53	13791.00
66774.000	172.27	4349.66	20704.00
66774.000	178.59	7183.44	38023.00
66774.000	166.71	2114.29	9606.00
66774.000	162.85	814.87	4227.00

SECNO	CWSEL	AREA	Q
66775.000	165.37	1841.01	7307.00
66775.000	168.98	3206.47	13791.00
66775.000	172.05	4469.23	20704.00
66775.000	178.25	7236.26	38023.00
66775.000	166.67	2311.78	9606.00
66775.000	163.38	1178.89	4227.00
66815.000	165.45	1825.39	7307.00
66815.000	169.08	3194.27	13791.00
66815.000	172.15	4455.24	20704.00
66815.000	178.35	7222.94	38023.00
66815.000	166.76	2295.08	9606.00
66815.000	163.44	1153.94	4227.00
68379.000	168.74	3796.85	7307.00
68379.000	172.67	6214.90	13791.00
68379.000	175.91	8349.05	20704.00
68379.000	182.34	12765.88	38023.00
68379.000	170.27	4696.52	9606.00
68379.000	166.17	2409.40	4227.00
68504.000	168.92	3711.51	7307.00
68504.000	172.84	6111.83	13791.00
68504.000	176.08	8239.93	20704.00
68504.000	182.50	12648.08	38023.00
68504.000	170.44	4604.02	9606.00
68504.000	166.37	2344.23	4227.00
68505.000	169.09	3779.19	7307.00
68505.000	173.01	6195.71	13791.00
68505.000	176.26	8334.10	20704.00
68505.000	182.71	12767.93	38023.00
68505.000	170.61	4678.71	9606.00
68505.000	166.54	2403.28	4227.00
68525.000	169.13	3798.85	7307.00
68525.000	173.05	6214.99	13791.00
68525.000	176.29	8352.72	20704.00
68525.000	182.74	12786.02	38023.00
68525.000	170.65	4698.39	9606.00
68525.000	166.59	2423.64	4227.00
68526.000	169.07	3798.07	7307.00
68526.000	172.98	6206.97	13791.00
68526.000	176.23	8340.20	20704.00
68526.000	182.66	12763.34	38023.00
68526.000	170.59	4694.40	9606.00
68526.000	166.53	2428.48	4227.00

SECNO	CMSEL	AREA	Q
68557.000	169.10	3764.26	7307.00
68557.000	173.01	6166.15	13791.00
68557.000	176.26	8296.41	20704.00
68557.000	182.69	12714.81	38023.00
68557.000	170.62	4657.55	9606.00
68557.000	166.57	2395.89	4227.00
72032.000	174.62	828.66	7307.00
72032.000	178.68	1647.60	13791.00
72032.000	181.94	2521.19	20704.00
72032.000	188.16	4723.72	38023.00
72032.000	176.23	1116.36	9606.00
72032.000	171.91	480.13	4227.00
72257.000	176.67	1098.39	7307.00
72257.000	180.98	2096.60	13791.00
72257.000	184.35	3111.06	20704.00
72257.000	190.56	5521.59	38023.00
72257.000	178.43	1465.38	9606.00
72257.000	173.66	616.02	4227.00
72258.000	176.35	839.18	7307.00
72258.000	181.83	2131.44	13791.00
72258.000	185.84	3426.05	20704.00
72258.000	192.96	6427.89	38023.00
72258.000	178.41	1261.70	9606.00
* 72258.000	170.80	203.01	4227.00
72273.000	177.90	1148.02	7307.00
72273.000	182.16	2230.10	13791.00
72273.000	186.05	3503.25	20704.00
72273.000	193.10	6494.18	38023.00
72273.000	179.20	1443.51	9606.00
72273.000	179.35	1481.31	4227.00
72274.000	178.10	1393.64	7307.00
72274.000	181.96	2369.99	13791.00
72274.000	185.69	3571.30	20704.00
72274.000	192.51	6418.21	38023.00
72274.000	179.17	1637.51	9606.00
72274.000	179.35	1679.81	4227.00
72329.000	178.24	1362.52	7307.00
72329.000	182.12	2337.68	13791.00
72329.000	185.84	3527.66	20704.00
72329.000	192.65	6351.88	38023.00
72329.000	179.35	1613.46	9606.00
72329.000	179.38	1619.56	4227.00

SECHO	CNSEL	AREA	CNSEL	AREA	CNSEL	AREA
73515.000	180.85	2770.87	7307.00	7307.00	7307.00	7307.00
73515.000	185.21	4962.32	13791.00	13791.00	13791.00	13791.00
73515.000	189.01	7424.08	20704.00	20704.00	20704.00	20704.00
73515.000	196.06	13401.30	38023.00	38023.00	38023.00	38023.00
73515.000	182.59	3475.70	9606.00	9606.00	9606.00	9606.00
73515.000	180.19	2491.36	4227.00	4227.00	4227.00	4227.00
74564.000	182.52	1070.57	7307.00	7307.00	7307.00	7307.00
74564.000	186.51	2574.92	13791.00	13791.00	13791.00	13791.00
74564.000	190.08	4352.65	20704.00	20704.00	20704.00	20704.00
74564.000	196.91	8445.37	38023.00	38023.00	38023.00	38023.00
74564.000	133.97	1541.00	9606.00	9606.00	9606.00	9606.00
74564.000	181.02	718.06	4227.00	4227.00	4227.00	4227.00
74807.000	184.07	1551.93	7307.00	7307.00	7307.00	7307.00
74807.000	188.01	3244.22	13791.00	13791.00	13791.00	13791.00
74807.000	191.23	4948.53	20704.00	20704.00	20704.00	20704.00
74807.000	197.68	8937.15	38023.00	38023.00	38023.00	38023.00
74807.000	185.70	2192.53	9606.00	9606.00	9606.00	9606.00
74807.000	181.83	874.13	4227.00	4227.00	4227.00	4227.00
74808.000	184.05	1359.14	7307.00	7307.00	7307.00	7307.00
74808.000	188.67	3390.09	13791.00	13791.00	13791.00	13791.00
74808.000	192.91	5220.28	20704.00	20704.00	20704.00	20704.00
74808.000	198.50	9352.58	38023.00	38023.00	38023.00	38023.00
74808.000	186.09	2177.06	9606.00	9606.00	9606.00	9606.00
74808.000	181.61	639.37	4227.00	4227.00	4227.00	4227.00
74822.000	184.50	1527.77	7307.00	7307.00	7307.00	7307.00
74822.000	188.79	3451.32	13791.00	13791.00	13791.00	13791.00
74822.000	192.09	5261.77	20704.00	20704.00	20704.00	20704.00
74822.000	198.55	9384.77	38023.00	38023.00	38023.00	38023.00
74822.000	186.29	2262.28	9606.00	9606.00	9606.00	9606.00
74822.000	182.18	775.86	4227.00	4227.00	4227.00	4227.00
74823.000	184.49	1709.73	7307.00	7307.00	7307.00	7307.00
74823.000	188.60	3542.00	13791.00	13791.00	13791.00	13791.00
74823.000	191.86	5310.20	20704.00	20704.00	20704.00	20704.00
74823.000	198.29	9375.96	38023.00	38023.00	38023.00	38023.00
74823.000	186.18	2398.89	9606.00	9606.00	9606.00	9606.00
74823.000	182.60	1074.03	4227.00	4227.00	4227.00	4227.00
74883.000	184.62	1627.52	7307.00	7307.00	7307.00	7307.00
74883.000	188.72	3422.63	13791.00	13791.00	13791.00	13791.00
74883.000	191.96	5166.60	20704.00	20704.00	20704.00	20704.00
74883.000	198.38	9179.58	38023.00	38023.00	38023.00	38023.00
74883.000	186.50	2300.81	9606.00	9606.00	9606.00	9606.00
74883.000	182.69	1003.73	4227.00	4227.00	4227.00	4227.00

SECNO	CWSEL	AREA	Q
75565.000	186.35	2830.54	7307.00
75565.000	190.34	6538.54	13791.00
75565.000	193.52	9792.32	20704.00
75565.000	199.83	16428.66	38023.00
75565.000	187.96	4220.37	9606.00
75565.000	183.95	1303.22	4227.00
78043.000	191.99	1209.93	7307.00
78043.000	194.97	2140.42	13791.00
78043.000	197.46	3228.68	20704.00
78043.000	204.25	7756.72	38023.00
78043.000	193.18	1537.10	9606.00
78043.000	190.08	800.69	4227.00
78246.000	193.32	1367.59	7307.00
78246.000	197.00	2678.95	13791.00
78246.000	199.81	4139.79	20704.00
78246.000	205.31	8065.32	38023.00
78246.000	194.77	1811.00	9606.00
78246.000	190.94	821.37	4227.00
78247.000	194.05	1518.07	7307.00
78247.000	198.34	3262.26	13791.00
78247.000	201.44	5113.27	20704.00
78247.000	206.95	9335.54	38023.00
78247.000	195.79	2116.35	9606.00
78247.000	191.07	787.99	4227.00
78263.000	194.30	1598.29	7307.00
78263.000	198.49	3342.65	13791.00
78263.000	201.56	5193.78	20704.00
78263.000	207.04	9397.13	38023.00
78263.000	195.99	2195.44	9606.00
78263.000	191.49	872.34	4227.00
78264.000	194.13	1605.34	7307.00
78264.000	198.19	3245.13	13791.00
78264.000	201.19	5005.21	20704.00
78264.000	206.60	9109.86	38023.00
78264.000	195.75	2166.04	9606.00
78264.000	191.45	923.36	4227.00
78314.000	194.29	1594.12	7307.00
78314.000	198.31	3205.45	13791.00
78314.000	201.30	4940.97	20704.00
78314.000	206.69	9011.13	38023.00
78314.000	195.90	2145.31	9606.00
78314.000	191.62	925.00	4227.00

SECNO	CWSEL	AREA	Q
79630.000	198.35	2108.26	7307.00
79630.000	202.12	4197.93	13791.00
79630.000	205.02	5924.99	20704.00
79630.000	210.23	9171.31	38023.00
79630.000	199.86	2934.71	9606.00
79630.000	195.78	779.70	4227.00
80521.000	200.92	1818.05	7307.00
80521.000	204.22	3097.23	13791.00
80521.000	206.95	4246.09	20704.00
80521.000	212.02	6478.64	38023.00
80521.000	202.20	2283.75	9606.00
80521.000	198.79	1136.87	4227.00
80740.000	201.63	1804.82	7307.00
80740.000	204.99	3115.43	13791.00
80740.000	207.76	4283.35	20704.00
80740.000	212.05	5532.83	38023.00
80740.000	202.95	2287.67	9606.00
80740.000	199.44	1101.80	4227.00
80741.000	202.11	1867.52	7307.00
80741.000	205.86	3372.43	13791.00
80741.000	208.87	4655.66	20704.00
80741.000	214.62	7298.47	38023.00
80741.000	203.59	2432.89	9606.00
80741.000	199.54	1025.70	4227.00
80758.000	202.29	1934.92	7307.00
80758.000	205.99	3427.33	13791.00
80758.000	208.99	4705.05	20704.00
80758.000	214.72	7351.47	38023.00
80758.000	203.74	2496.18	9606.00
80758.000	199.86	1119.51	4227.00
80759.000	202.16	1994.94	7307.00
80759.000	205.75	3435.62	13791.00
80759.000	208.68	4677.11	20704.00
80759.000	214.25	7220.71	38023.00
80759.000	203.57	2533.03	9606.00
80759.000	199.82	1215.07	4227.00
80813.000	202.35	2049.20	7307.00
80813.000	205.94	3491.03	13791.00
80813.000	208.86	4732.69	20704.00
80813.000	214.44	7279.64	38023.00
80813.000	203.76	2588.93	9606.00
80813.000	200.00	1265.80	4227.00

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRIMS	EG	10K'S	VCH	AREA	.01K
57138.000	.00	.00	.00	128.08	6428.00	141.96	.00	142.31	11.52	5.28	2114.12	1893.49
57138.000	.00	.00	.00	128.08	12341.00	145.35	.00	145.87	14.07	6.89	3694.73	3290.02
57138.000	.00	.00	.00	128.08	19178.00	148.06	.00	148.71	15.72	8.11	5367.70	4836.57
57138.000	.00	.00	.00	128.08	35272.00	153.00	.00	153.79	16.33	9.71	8953.79	8728.97
57138.000	.00	.00	.00	128.08	8513.00	143.38	.00	143.79	12.48	5.92	2698.73	2409.78
57138.000	.00	.00	.00	128.08	3665.00	139.11	.00	139.38	11.52	4.41	1262.95	1079.64
60485.000	3347.00	.00	.00	138.00	7507.00	149.64	.00	150.82	52.92	9.44	1293.72	1004.46
60485.000	3347.00	.00	.00	138.00	13791.00	153.53	.00	154.58	37.05	9.95	3230.01	2265.78
60485.000	3347.00	.00	.00	138.00	20704.00	156.13	.00	157.22	34.36	10.80	4755.84	3532.04
60485.000	3347.00	.00	.00	138.00	38023.00	160.92	.00	162.19	33.00	12.62	7741.01	6618.82
60485.000	3347.00	.00	.00	138.00	9606.00	151.61	.00	152.62	39.20	9.22	2130.45	1534.31
60485.000	3347.00	.00	.00	138.00	4227.00	147.26	.00	148.23	57.82	8.12	701.11	555.87
61282.000	797.00	.00	.00	137.38	7507.00	152.66	.00	153.45	23.47	7.96	1615.61	1508.35
61282.000	797.00	.00	.00	137.38	13791.00	156.09	.00	157.52	33.89	11.08	2371.50	2369.11
61282.000	797.00	.00	.00	137.38	20704.00	158.52	.00	160.66	44.71	13.89	2949.82	3096.45
61282.000	797.00	.00	.00	137.38	38023.00	162.82	.00	166.76	67.62	19.46	4088.50	4623.94
61282.000	797.00	.00	.00	137.38	9606.00	154.16	.00	155.16	26.71	9.09	1937.00	1858.57
61282.000	797.00	.00	.00	137.38	4227.00	149.99	.00	150.50	18.41	6.13	1092.63	985.24
61478.000	195.00	.00	.00	137.22	7507.00	153.27	.00	153.91	19.56	7.25	1789.62	1652.21
61478.000	195.00	.00	.00	137.22	13791.00	157.08	.00	158.20	27.21	9.94	2647.93	2643.60
61478.000	195.00	.00	.00	137.22	20704.00	159.97	.00	161.58	33.90	12.21	3367.13	3555.96
61478.000	195.00	.00	.00	137.22	38023.00	165.54	.00	168.19	44.64	16.32	4924.28	5690.95
61478.000	195.00	.00	.00	137.22	9606.00	154.88	.00	155.69	22.10	8.25	2143.63	2043.28
61478.000	195.00	.00	.00	137.22	4227.00	150.44	.00	150.85	15.45	5.60	1211.77	1075.47
61479.000	1.00	143.55	172.00	137.22	7507.00	153.56	.00	153.98	54.16	6.31	1733.60	992.86
61479.000	1.00	143.55	172.00	137.22	13791.00	157.74	.00	158.35	58.82	7.88	2708.23	1798.23
61479.000	1.00	143.55	172.00	137.22	20704.00	161.03	.00	161.82	63.47	9.18	3543.34	2598.84
61479.000	1.00	143.55	172.00	137.22	38023.00	167.52	.00	168.65	67.35	11.33	5435.82	4633.04
61479.000	1.00	143.55	172.00	137.22	9606.00	155.30	.00	155.79	54.69	6.88	2138.84	1298.92
61479.000	1.00	143.55	172.00	137.22	4227.00	150.54	.00	150.88	55.65	5.39	1131.89	566.65
61491.000	12.00	143.55	172.00	137.22	7507.00	153.64	.00	154.05	52.88	6.26	1769.43	1004.85
61491.000	12.00	143.55	172.00	137.22	13791.00	157.82	.00	158.43	57.73	7.83	2726.57	1815.02
61491.000	12.00	143.55	172.00	137.22	20704.00	161.12	.00	161.90	62.31	9.12	3567.31	2622.82
61491.000	12.00	143.55	172.00	137.22	38023.00	167.62	.00	168.74	66.34	11.27	5466.68	4668.29
61491.000	12.00	143.55	172.00	137.22	9606.00	155.38	.00	155.85	53.56	6.83	2155.21	1312.56
61491.000	12.00	143.55	172.00	137.22	4227.00	150.62	.00	150.95	53.91	5.33	1146.24	575.71

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
61492.000	1.00	.00	.00	137.22	7307.00	153.54	.00	154.15	18.15	7.07	1848.24	7715.01
61492.000	1.00	.00	.00	137.22	13791.00	157.62	.00	158.64	24.23	9.56	2776.00	2801.89
61492.000	1.00	.00	.00	137.22	20704.00	160.80	.00	162.23	29.09	11.60	3582.17	3838.93
61492.000	1.00	.00	.00	137.22	38023.00	167.07	.00	169.30	35.66	15.12	5392.93	6367.55
61492.000	1.00	.00	.00	137.22	9606.00	155.24	.00	155.99	20.22	8.00	2224.23	2136.07
61492.000	1.00	.00	.00	137.22	4227.00	150.59	.00	150.98	14.72	5.51	1239.09	1101.70
61540.000	48.00	.00	.00	137.40	7307.00	153.61	.00	154.26	18.03	7.29	1812.02	1720.85
61540.000	48.00	.00	.00	137.40	13791.00	157.70	.00	158.79	23.72	9.83	2740.96	2831.56
61540.000	48.00	.00	.00	137.40	20704.00	160.89	.00	162.41	28.30	11.91	3547.55	3891.65
61540.000	48.00	.00	.00	137.40	38023.00	167.16	.00	169.54	34.55	15.53	5355.10	6469.23
61540.000	48.00	.00	.00	137.40	9606.00	155.31	.00	156.12	19.95	8.24	2128.30	2150.61
61540.000	48.00	.00	.00	137.40	4227.00	150.64	.00	151.07	14.87	5.71	1204.30	1096.22
63705.000	2165.00	.00	.00	144.62	7307.00	157.06	.00	157.34	11.50	4.47	2592.50	2154.91
63705.000	2165.00	.00	.00	144.62	13791.00	161.23	.00	161.49	8.12	4.79	5937.77	4839.48
63705.000	2165.00	.00	.00	144.62	20704.00	164.63	.00	164.89	6.72	5.06	9106.20	7985.60
63705.000	2165.00	.00	.00	144.62	38023.00	171.45	.00	171.73	5.28	5.61	15842.37	16554.52
63705.000	2165.00	.00	.00	144.62	9606.00	158.74	.00	159.01	9.75	4.59	3825.25	3075.83
63705.000	2165.00	.00	.00	144.62	4227.00	154.14	.00	154.41	15.88	4.23	1000.30	1060.76
64980.000	1275.00	.00	.00	146.97	7307.00	159.25	.00	160.45	43.06	9.33	1395.62	1113.56
64980.000	1275.00	.00	.00	146.97	13791.00	162.78	.00	164.17	41.53	11.01	2825.15	2140.06
64980.000	1275.00	.00	.00	146.97	20704.00	165.84	.00	167.28	38.04	11.95	4176.45	3356.68
64980.000	1275.00	.00	.00	146.97	38023.00	172.80	.00	174.17	27.90	12.76	7688.61	7198.70
64980.000	1275.00	.00	.00	146.97	9606.00	160.63	.00	161.93	43.11	10.09	1922.13	1463.63
64980.000	1275.00	.00	.00	146.97	4227.00	156.88	.00	157.73	38.26	7.50	727.16	683.34
65204.000	223.80	.00	.00	147.40	7307.00	160.46	.00	161.36	31.93	8.26	1627.78	1293.15
65204.000	223.80	.00	.00	147.40	13791.00	163.98	.00	165.08	33.08	9.98	3145.45	2397.76
65204.000	223.80	.00	.00	147.40	20704.00	166.92	.00	168.14	32.69	11.13	4489.43	3621.13
65204.000	223.80	.00	.00	147.40	38023.00	173.54	.00	174.81	26.81	12.36	7863.06	7343.79
65204.000	223.80	.00	.00	147.40	9606.00	161.88	.00	162.85	32.39	8.96	2254.09	1687.89
65204.000	223.80	.00	.00	147.40	4227.00	157.83	.00	158.53	30.73	6.88	852.53	762.54
65205.000	1.00	154.37	180.00	147.40	7307.00	160.80	.00	161.44	132.79	7.88	1638.76	634.09
65205.000	1.00	154.37	180.00	147.40	13791.00	164.81	.00	165.27	73.35	7.43	3326.50	1610.21
65205.000	1.00	154.37	180.00	147.40	20704.00	167.90	.00	168.37	59.98	7.71	4777.21	2673.37
65205.000	1.00	154.37	180.00	147.40	38023.00	174.57	.00	175.05	42.13	8.11	8236.87	5857.81
65205.000	1.00	154.37	180.00	147.40	9606.00	162.49	.00	163.00	94.24	7.42	2320.64	989.50
65205.000	1.00	154.37	180.00	147.40	4227.00	157.56	.00	158.83	348.53	9.64	603.92	226.42
65225.000	20.00	154.37	180.00	147.40	7307.00	161.19	.00	161.71	106.15	7.24	1793.25	709.23
65225.000	20.00	154.37	180.00	147.40	13791.00	164.98	.00	165.42	68.77	7.25	3404.89	1663.00
65225.000	20.00	154.37	180.00	147.40	20704.00	168.03	.00	168.49	57.67	7.60	4843.86	2726.25
65225.000	20.00	154.37	180.00	147.40	38023.00	174.66	.00	175.14	41.45	8.06	8283.30	5905.98
65225.000	20.00	154.37	180.00	147.40	9606.00	162.73	.00	163.19	84.23	7.11	2421.14	1046.68
65225.000	20.00	154.37	180.00	147.40	4227.00	158.81	.00	159.44	150.64	7.17	929.23	344.40

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIMS	EG	10K'S	VCH	AREA	.01K
65226.000	1.00	.00	.00	147.40	7307.00	161.09	.00	161.82	25.07	7.57	1939.37	1459.29
65226.000	1.00	.00	.00	147.40	13791.00	164.76	.00	165.65	26.18	9.17	3490.24	2695.33
65226.000	1.00	.00	.00	147.40	20704.00	167.75	.00	168.78	26.55	10.33	4892.76	4018.49
65226.000	1.00	.00	.00	147.40	38023.00	174.34	.00	175.47	23.31	11.76	8291.56	7875.88
65226.000	1.00	.00	.00	147.40	9606.00	162.57	.00	163.36	25.40	8.20	2539.78	1906.06
65226.000	1.00	.00	.00	147.40	4227.00	159.00	.00	159.49	19.06	5.86	1175.60	958.11
65281.000	55.20	.00	.00	147.54	7307.00	161.22	.00	161.97	24.78	7.66	1928.72	1467.75
65281.000	55.20	.00	.00	147.54	13791.00	164.89	.00	165.81	25.86	9.28	3476.63	2712.20
65281.000	55.20	.00	.00	147.54	20704.00	167.88	.00	168.94	26.15	10.45	4881.44	4048.39
65281.000	55.20	.00	.00	147.54	38023.00	174.44	.00	175.62	23.05	11.93	8267.47	7919.52
65281.000	55.20	.00	.00	147.54	9606.00	162.70	.00	163.51	25.08	8.30	2528.63	1918.23
65281.000	55.20	.00	.00	147.54	4227.00	159.10	.00	159.60	19.16	5.96	1155.59	965.70
66592.000	1311.00	.00	.00	150.35	7307.00	164.51	.00	165.36	26.50	8.03	1667.37	1419.50
66592.000	1311.00	.00	.00	150.35	13791.00	168.26	.00	169.31	27.00	9.70	3069.10	2654.09
66592.000	1311.00	.00	.00	150.35	20704.00	171.28	.00	172.49	27.35	10.96	4298.99	3958.73
66592.000	1311.00	.00	.00	150.35	38023.00	177.45	.00	178.93	26.13	12.93	7037.85	7437.97
66592.000	1311.00	.00	.00	150.35	9606.00	166.01	.00	166.93	26.67	8.71	2204.02	1850.24
66592.000	1311.00	.00	.00	150.35	4227.00	161.87	.00	162.52	24.99	6.63	877.01	845.63
66755.000	163.00	.00	.00	150.72	7307.00	164.97	.00	165.79	25.72	7.93	1700.69	1440.71
66755.000	163.00	.00	.00	150.72	13791.00	168.73	.00	169.76	26.36	9.59	3109.01	2686.13
66755.000	163.00	.00	.00	150.72	20704.00	171.76	.00	172.94	26.77	10.84	4344.73	4001.48
66755.000	163.00	.00	.00	150.72	38023.00	177.91	.00	179.36	25.86	12.84	7076.34	7477.09
66755.000	163.00	.00	.00	150.72	9606.00	166.47	.00	167.37	26.00	8.61	2237.99	1883.86
66755.000	163.00	.00	.00	150.72	4227.00	162.29	.00	162.92	24.74	6.59	886.92	849.77
66756.000	1.00	156.87	184.00	150.72	7307.00	164.87	.00	165.89	107.74	9.41	1456.47	703.97
66756.000	1.00	156.87	184.00	150.72	13791.00	168.94	.00	169.81	67.36	9.58	2979.52	1680.32
66756.000	1.00	156.87	184.00	150.72	20704.00	172.14	.00	173.03	56.65	10.19	4295.62	2750.67
66756.000	1.00	156.87	184.00	150.72	38023.00	178.49	.00	179.49	45.93	11.45	7138.23	5610.57
66756.000	1.00	156.87	184.00	150.72	9606.00	166.46	.00	167.39	86.15	9.40	2026.49	1034.96
66756.000	1.00	156.87	184.00	150.72	4227.00	161.92	161.34	163.30	209.79	10.01	595.36	291.84
66774.000	18.00	156.87	184.00	150.72	7307.00	165.25	.00	166.11	88.39	8.77	1589.81	777.19
66774.000	18.00	156.87	184.00	150.72	13791.00	169.11	.00	169.94	63.54	9.39	3046.53	1730.06
66774.000	18.00	156.87	184.00	150.72	20704.00	172.27	.00	173.14	54.73	10.07	4349.66	2798.52
66774.000	18.00	156.87	184.00	150.72	38023.00	178.59	.00	179.58	45.11	11.38	7183.44	5661.08
66774.000	18.00	156.87	184.00	150.72	9606.00	166.71	.00	167.56	77.69	9.06	2114.29	1089.81
66774.000	18.00	156.87	184.00	150.72	4227.00	162.85	.00	163.72	115.39	8.18	814.87	393.51
66775.000	1.00	.00	.00	150.72	7307.00	165.37	.00	166.14	22.24	7.69	1841.01	1549.55
66775.000	1.00	.00	.00	150.72	13791.00	168.98	.00	170.07	25.79	9.78	3206.47	2715.82
66775.000	1.00	.00	.00	150.72	20704.00	172.05	.00	173.37	26.86	11.20	4469.23	3994.61
66775.000	1.00	.00	.00	150.72	38023.00	178.25	.00	179.93	25.93	13.50	7236.26	7326.73
66775.000	1.00	.00	.00	150.72	9606.00	166.67	.00	167.60	24.85	8.67	2311.78	1926.81
66775.000	1.00	.00	.00	150.72	4227.00	163.38	.00	163.85	15.50	5.73	1178.89	1073.54

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSL	CRWS	EG	10K*S	VCH	AREA	.01K
66815.000	40.00	.00	.00	150.85	7307.00	165.45	.00	166.24	22.43	7.73	1825.39	1542.68
66815.000	40.00	.00	.00	150.85	13791.00	169.08	.00	170.18	25.86	9.82	3194.27	2711.88
66815.000	40.00	.00	.00	150.85	20704.00	172.15	.00	173.48	26.94	11.24	4455.24	3989.25
66815.000	40.00	.00	.00	150.85	38023.00	178.35	.00	180.04	26.95	13.54	7222.94	7324.25
66815.000	40.00	.00	.00	150.85	9606.00	166.76	.00	167.71	25.06	8.72	2295.08	1918.92
66815.000	40.00	.00	.00	150.85	4227.00	163.44	.00	163.91	15.89	5.79	1153.94	1060.28
68379.000	1564.00	.00	.00	154.79	7307.00	168.74	.00	168.95	13.63	6.08	3796.85	1978.95
68379.000	1564.00	.00	.00	154.79	13791.00	172.67	.00	172.90	12.48	6.99	6214.90	3903.61
68379.000	1564.00	.00	.00	154.79	20704.00	175.91	.00	176.18	11.96	7.73	8349.05	5985.95
68379.000	1564.00	.00	.00	154.79	38023.00	182.34	.00	182.67	11.33	9.09	12765.88	11296.40
68379.000	1564.00	.00	.00	154.79	9606.00	170.27	.00	170.48	13.17	6.45	4696.52	2646.90
68379.000	1564.00	.00	.00	154.79	4227.00	166.17	.00	166.37	15.18	5.49	2409.40	1084.82
68504.000	125.00	.00	.00	155.13	7307.00	168.92	.00	169.13	14.74	6.05	3711.51	1903.11
68504.000	125.00	.00	.00	155.13	13791.00	172.84	.00	173.07	13.30	6.90	6111.83	3782.05
68504.000	125.00	.00	.00	155.13	20704.00	176.08	.00	176.33	12.63	7.59	8239.93	5826.28
68504.000	125.00	.00	.00	155.13	38023.00	182.50	.00	182.82	11.82	8.87	12648.08	11060.11
68504.000	125.00	.00	.00	155.13	9606.00	170.44	.00	170.66	14.14	6.40	4604.02	2554.83
68504.000	125.00	.00	.00	155.13	4227.00	166.37	.00	166.57	16.55	5.49	2344.23	1039.17
68505.000	1.00	160.00	188.00	155.13	7307.00	169.09	.00	169.17	19.69	3.68	3779.19	1646.52
68505.000	1.00	160.00	188.00	155.13	13791.00	173.01	.00	173.11	16.59	4.10	6195.71	3386.01
68505.000	1.00	160.00	188.00	155.13	20704.00	176.26	.00	176.38	15.28	4.47	8334.10	5296.92
68505.000	1.00	160.00	188.00	155.13	38023.00	182.71	.00	182.87	13.83	5.18	12767.93	10224.15
68505.000	1.00	160.00	188.00	155.13	9606.00	170.61	.00	170.70	18.28	3.85	4678.71	2246.75
68505.000	1.00	160.00	188.00	155.13	4227.00	166.54	.00	166.61	24.13	3.46	2403.28	860.58
68525.000	20.00	160.00	188.00	155.13	7307.00	169.13	.00	169.20	19.40	3.66	3798.85	1659.02
68525.000	20.00	160.00	188.00	155.13	13791.00	173.05	.00	173.14	16.44	4.09	6214.99	3401.69
68525.000	20.00	160.00	188.00	155.13	20704.00	176.29	.00	176.41	15.17	4.46	8352.72	5315.03
68525.000	20.00	160.00	188.00	155.13	38023.00	182.74	.00	182.90	13.77	5.17	12786.02	10246.58
68525.000	20.00	160.00	188.00	155.13	9606.00	170.65	.00	170.73	13.06	3.84	4698.39	2260.50
68525.000	20.00	160.00	188.00	155.13	4227.00	166.59	.00	166.66	23.56	3.43	2423.64	870.94
68526.000	1.00	.00	.00	155.13	7307.00	169.07	.00	169.27	13.85	5.91	3798.07	1963.73
68526.000	1.00	.00	.00	155.13	13791.00	172.98	.00	173.21	12.73	6.79	6206.97	3865.80
68526.000	1.00	.00	.00	155.13	20704.00	176.23	.00	176.48	12.19	7.49	8340.20	5931.12
68526.000	1.00	.00	.00	155.13	38023.00	182.66	.00	182.98	11.50	8.79	12763.34	11212.65
68526.000	1.00	.00	.00	155.13	9606.00	170.59	.00	170.80	13.40	6.27	4694.40	2623.93
68526.000	1.00	.00	.00	155.13	4227.00	166.53	.00	166.72	15.11	5.31	2428.48	1087.45
68557.000	30.50	.00	.00	155.22	7307.00	169.10	.00	169.32	13.96	6.13	3764.26	1955.87
68557.000	30.50	.00	.00	155.22	13791.00	173.01	.00	173.25	12.76	7.05	6166.15	3866.25
68557.000	30.50	.00	.00	155.22	20704.00	176.26	.00	176.52	12.19	7.78	8296.41	5930.39
68557.000	30.50	.00	.00	155.22	38023.00	182.69	.00	183.02	11.47	9.13	12714.81	11228.30
68557.000	30.50	.00	.00	155.22	9606.00	170.62	.00	170.84	13.48	6.51	4657.55	2616.80
68557.000	30.50	.00	.00	155.22	4227.00	166.57	.00	166.77	15.40	5.52	2395.89	1076.98

SECTNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIMS	EG	10K'S	VCH	AREA	.01K
72032.000	475.50	.00	.00	163.07	7307.00	174.62	.00	176.57	73.33	11.42	828.66	853.27
72032.000	475.50	.00	.00	163.07	13791.00	178.68	.00	181.34	70.19	13.98	1647.60	1646.11
72032.000	475.50	.00	.00	163.07	20704.00	181.94	.00	185.06	67.73	15.75	2521.19	2515.72
72032.000	475.50	.00	.00	163.07	38023.00	188.16	.00	191.95	62.54	18.52	4723.72	4808.21
72032.000	475.50	.00	.00	163.07	9606.00	176.23	.00	178.50	72.50	12.53	1116.36	1128.15
72032.000	475.50	.00	.00	163.07	4227.00	171.91	.00	173.25	73.38	9.30	480.13	493.46
72257.000	224.00	.00	.00	163.60	7307.00	176.67	.00	178.00	44.62	9.60	1098.39	1093.91
72257.000	224.00	.00	.00	163.60	13791.00	180.98	.00	182.81	44.77	11.34	2096.60	2061.08
72257.000	224.00	.00	.00	163.60	20704.00	184.35	.00	186.55	45.33	13.53	3111.05	3075.00
72257.000	224.00	.00	.00	163.60	38023.00	190.56	.00	193.42	46.04	16.42	5521.59	5603.63
72257.000	224.00	.00	.00	163.60	9606.00	178.43	.00	179.95	44.12	10.48	1465.38	1446.20
72257.000	224.00	.00	.00	162.60	4227.00	173.66	.00	174.61	44.76	7.89	616.02	631.83
72258.000	1.00	170.91	192.00	163.60	7307.00	176.35	.00	178.35	394.00	12.36	839.18	368.12
72258.000	1.00	170.91	192.00	163.60	13791.00	181.83	.00	183.01	145.65	10.59	2131.44	1142.75
72258.000	1.00	170.91	192.00	163.60	20704.00	185.84	.00	186.90	102.88	10.58	3426.05	2041.21
72258.000	1.00	170.91	192.00	163.60	38023.00	192.96	.00	193.97	72.83	11.17	6427.89	4453.56
72258.000	1.00	170.91	192.00	163.60	9606.00	178.41	.00	180.00	253.55	11.53	1261.70	603.27
72258.000	1.00	170.91	192.00	163.60	4227.00	170.80	168.42	177.53	2123.81	20.82	203.01	91.72
72273.000	15.00	170.91	192.00	163.60	7307.00	177.90	.00	179.00	184.53	9.50	1148.02	537.90
72273.000	15.00	170.91	192.00	163.60	13791.00	182.16	.00	183.25	130.41	10.19	2230.10	1207.63
72273.000	15.00	170.91	192.00	163.60	20704.00	186.05	.00	187.07	97.42	10.38	3503.25	2097.66
72273.000	15.00	170.91	192.00	163.60	38023.00	193.10	.00	194.09	70.82	11.05	6494.18	4518.08
72273.000	15.00	170.91	192.00	163.60	9606.00	179.20	.00	180.42	182.75	10.28	1443.51	710.59
72273.000	15.00	170.91	192.00	163.60	4227.00	179.35	.00	179.58	33.23	4.43	1481.31	733.31
72274.000	1.00	.00	.00	163.60	7307.00	178.10	.00	179.05	28.16	8.23	1393.64	1377.05
72274.000	1.00	.00	.00	163.60	13791.00	181.96	.00	183.47	35.00	10.89	2369.99	2331.21
72274.000	1.00	.00	.00	163.60	20704.00	185.69	.00	187.45	34.10	12.27	3571.30	3543.26
72274.000	1.00	.00	.00	163.60	38023.00	192.51	.00	194.69	33.18	14.63	6418.21	6601.06
72274.000	1.00	.00	.00	163.60	9606.00	179.17	.00	180.40	35.48	9.74	1637.51	1612.68
72274.000	1.00	.00	.00	163.60	4227.00	179.35	.00	179.59	6.53	4.21	1679.81	1653.72
72329.000	55.25	.00	.00	163.87	7307.00	178.24	.00	179.23	28.48	6.38	1362.52	1369.12
72329.000	55.25	.00	.00	163.87	13791.00	182.12	.00	183.68	34.92	11.04	2337.68	2333.75
72329.000	55.25	.00	.00	163.87	20704.00	185.84	.00	187.67	34.03	12.45	3527.66	3548.99
72329.000	55.25	.00	.00	163.87	38023.00	192.65	.00	194.92	33.18	14.86	6351.88	6601.44
72329.000	55.25	.00	.00	163.87	9606.00	179.35	.00	180.68	35.39	9.86	1613.46	1614.76
72329.000	55.25	.00	.00	163.87	4227.00	179.38	.00	179.63	6.80	4.33	1619.56	1620.75
73515.000	1186.00	.00	.00	168.90	7307.00	180.85	.00	181.12	10.52	4.85	2770.87	2252.39
73515.000	1186.00	.00	.00	168.90	13791.00	185.21	.00	185.54	9.24	5.69	4962.32	4537.94
73515.000	1186.00	.00	.00	168.90	20704.00	189.01	.00	189.37	8.13	6.20	7424.08	7261.80
73515.000	1186.00	.00	.00	168.90	38023.00	196.06	.00	196.47	7.00	7.10	13401.30	14370.47
73515.000	1186.00	.00	.00	168.90	9606.00	182.39	.00	182.59	10.49	5.29	3475.70	2965.89
73515.000	1186.00	.00	.00	163.90	4227.00	180.19	.00	180.30	4.57	3.06	2491.36	1978.16

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
74564.000	1049.00	.00	.00	169.14	7307.00	182.52	.00	183.88	51.02	9.59	1070.57	1022.95
74564.000	1049.00	.00	.00	169.14	13791.00	186.51	.00	188.01	44.25	11.01	2574.92	2073.23
74564.000	1049.00	.00	.00	169.14	20704.00	190.08	.00	191.43	34.75	11.27	4352.65	3512.39
74564.000	1049.00	.00	.00	169.14	38023.00	196.91	.00	198.10	25.03	11.80	8445.37	7599.83
74564.000	1049.00	.00	.00	169.14	9606.00	183.97	.00	185.52	51.96	10.52	1541.00	1332.64
74564.000	1049.00	.00	.00	169.14	4227.00	181.02	.00	181.70	30.36	6.70	718.06	767.11
74807.000	243.00	.00	.00	169.20	7307.00	184.07	.00	184.96	31.00	7.98	1551.93	1312.39
74807.000	243.00	.00	.00	169.20	13791.00	188.01	.00	189.02	29.34	9.34	3244.22	2545.84
74807.000	243.00	.00	.00	169.20	20704.00	191.23	.00	192.26	27.01	10.11	4948.53	3983.95
74807.000	243.00	.00	.00	169.20	38023.00	197.68	.00	198.72	22.36	11.15	8937.15	8040.16
74807.000	243.00	.00	.00	169.20	9606.00	185.70	.00	186.63	29.88	8.51	2192.53	1757.37
74807.000	243.00	.00	.00	169.20	4227.00	181.83	.00	182.39	23.88	6.12	874.13	864.98
74808.000	1.00	179.74	220.00	169.20	7307.00	184.05	.00	184.99	163.14	8.82	1359.14	572.08
74808.000	1.00	179.74	220.00	169.20	13791.00	188.67	.00	189.17	69.09	7.48	3390.09	1659.12
74808.000	1.00	179.74	220.00	169.20	20704.00	192.01	.00	192.44	50.94	7.40	5220.28	2900.81
74808.000	1.00	179.74	220.00	169.20	38023.00	198.50	.00	198.91	35.12	7.58	9352.58	6415.88
74808.000	1.00	179.74	220.00	169.20	9606.00	186.09	.00	186.73	98.31	7.80	2177.06	968.80
74808.000	1.00	179.74	220.00	169.20	4227.00	181.61	.00	182.63	218.57	8.37	639.37	285.92
74822.000	14.00	179.74	220.00	169.20	7307.00	184.50	.00	185.25	127.04	8.02	1527.77	648.28
74822.000	14.00	179.74	220.00	169.20	13791.00	188.79	.00	189.27	66.02	7.35	3451.32	1697.25
74822.000	14.00	179.74	220.00	169.20	20704.00	192.09	.00	192.52	49.88	7.34	5261.77	2931.49
74822.000	14.00	179.74	220.00	169.20	38023.00	198.55	.00	198.96	34.82	7.56	9384.77	6444.00
74822.000	14.00	179.74	220.00	169.20	9606.00	186.29	.00	186.87	89.81	7.54	2262.28	1013.62
74822.000	14.00	179.74	220.00	169.20	4227.00	182.18	.00	182.95	155.26	7.43	775.86	339.24
74823.000	1.00	.00	.00	169.20	7307.00	184.49	.00	185.27	26.52	7.54	1709.73	1418.90
74823.000	1.00	.00	.00	169.20	13791.00	188.60	.00	189.47	24.54	8.75	3542.00	2784.21
74823.000	1.00	.00	.00	169.20	20704.00	191.86	.00	192.76	23.08	9.55	5310.20	4309.35
74823.000	1.00	.00	.00	169.20	38023.00	198.29	.00	199.23	20.01	10.70	9375.96	8500.39
74823.000	1.00	.00	.00	169.20	9606.00	186.18	.00	186.99	25.37	8.02	2398.89	1907.06
74823.000	1.00	.00	.00	169.20	4227.00	182.60	.00	183.05	17.78	5.55	1074.03	1002.50
74883.000	60.00	.00	.00	169.56	7307.00	184.62	.00	185.46	27.58	7.76	1627.52	1391.45
74883.000	60.00	.00	.00	169.56	13791.00	188.72	.00	189.65	25.50	9.02	3422.63	2731.06
74883.000	60.00	.00	.00	169.56	20704.00	191.96	.00	192.93	23.89	9.83	5166.60	4235.95
74883.000	60.00	.00	.00	169.56	38023.00	193.38	.00	199.38	20.58	11.00	9179.58	8382.18
74883.000	60.00	.00	.00	169.56	9606.00	186.30	.00	187.18	26.40	8.26	2300.61	1869.69
74883.000	60.00	.00	.00	169.56	4227.00	182.69	.00	183.18	18.72	5.72	1003.73	977.01
75565.000	682.00	.00	.00	173.12	7307.00	186.35	.00	186.70	12.79	5.28	2830.54	2043.18
75565.000	682.00	.00	.00	173.12	13791.00	190.34	.00	190.64	9.27	5.54	6538.54	4530.16
75565.000	682.00	.00	.00	173.12	20704.00	193.52	.00	193.81	7.86	5.81	9792.32	7386.33
75565.000	682.00	.00	.00	173.12	38023.00	199.83	.00	200.12	6.42	6.41	16428.66	15008.61
75565.000	682.00	.00	.00	173.12	9606.00	187.96	.00	188.29	11.06	5.39	4220.37	2888.25
75565.000	682.00	.00	.00	173.12	4227.00	183.95	.00	184.25	13.09	4.53	1303.22	1168.35

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSL	CRWS	EG	10K*s	VCH	AREA	.01K
78043.000	2478.00	.00	.00	180.56	7307.00	191.99	.00	193.53	53.31	10.71	1209.93	1000.77
78043.000	2478.00	.00	.00	180.56	13791.00	194.97	.00	197.33	64.86	14.00	2140.42	1712.37
78043.000	2478.00	.00	.00	180.56	20704.00	197.46	.00	200.24	67.02	15.95	3228.68	2528.94
78043.000	2478.00	.00	.00	180.56	38023.00	204.25	.00	206.24	38.87	15.42	7756.72	6099.10
78043.000	2478.00	.00	.00	180.56	9606.00	193.19	.00	195.06	58.43	12.06	1537.10	1256.71
78043.000	2478.00	.00	.00	180.56	4227.00	190.08	.00	191.02	39.99	8.10	800.69	668.40
78246.000	203.00	.00	.00	181.20	7307.00	193.32	.00	194.60	45.52	9.93	1367.59	1083.08
78246.000	203.00	.00	.00	181.20	13791.00	197.00	.00	198.63	45.14	12.03	2678.95	2052.64
78246.000	203.00	.00	.00	181.20	20704.00	199.81	.00	201.61	44.14	13.39	4139.79	3116.27
78246.000	203.00	.00	.00	181.20	38023.00	205.31	.00	207.08	37.08	14.76	8065.32	6244.18
78246.000	203.00	.00	.00	181.20	9606.00	194.77	.00	196.23	46.16	10.87	1811.00	1413.89
78246.000	203.00	.00	.00	181.20	4227.00	190.94	.00	191.86	41.73	8.04	321.37	654.34
78247.000	1.00	186.31	220.00	181.20	7307.00	194.05	.00	194.77	107.78	8.17	1518.07	703.83
78247.000	1.00	186.31	220.00	181.20	13791.00	198.34	.00	198.95	70.25	8.30	3262.26	1645.36
78247.000	1.00	186.31	220.00	181.20	20704.00	201.44	.00	201.99	57.26	8.52	5113.27	2735.97
78247.000	1.00	186.31	220.00	181.20	38023.00	206.95	.00	207.46	44.21	8.96	9335.54	5718.44
78247.000	1.00	186.31	220.00	181.20	9606.00	195.79	.00	196.47	89.68	8.26	2116.35	1014.36
78247.000	1.00	186.31	220.00	181.20	4227.00	191.07	.00	191.89	161.94	8.01	787.99	332.16
78263.000	16.50	186.31	220.00	181.20	7307.00	194.30	.00	194.96	96.18	7.85	1598.29	745.05
78263.000	16.50	186.31	220.00	181.20	13791.00	198.49	.00	199.07	66.56	8.14	3342.65	1690.41
78263.000	16.50	186.31	220.00	181.20	20704.00	201.56	.00	202.09	55.21	8.40	5193.78	2786.43
78263.000	16.50	186.31	220.00	181.20	38023.00	207.04	.00	207.53	43.45	8.90	9397.13	5763.21
78263.000	16.50	186.31	220.00	181.20	9606.00	195.99	.00	196.62	82.74	8.02	2195.44	1056.05
78263.000	16.50	186.31	220.00	181.20	4227.00	191.49	.00	192.17	128.37	7.40	872.34	373.08
78264.000	1.00	.00	.00	181.20	7307.00	194.13	.00	195.14	33.54	8.94	1605.34	1261.79
78264.000	1.00	.00	.00	181.20	13791.00	198.19	.00	199.38	31.28	10.55	3245.13	2465.88
78264.000	1.00	.00	.00	181.20	20704.00	201.19	.00	202.48	30.20	11.66	5005.21	3767.30
78264.000	1.00	.00	.00	181.20	38023.00	206.60	.00	207.97	27.97	13.30	9109.86	7189.81
78264.000	1.00	.00	.00	181.20	9606.00	195.75	.00	196.86	32.94	9.67	2166.04	1673.79
78264.000	1.00	.00	.00	181.20	4227.00	191.45	.00	192.22	33.15	7.46	923.36	734.21
78314.000	50.00	.00	.00	181.42	7307.00	194.29	.00	195.31	31.20	8.94	1594.12	1308.12
78314.000	50.00	.00	.00	181.42	13791.00	198.31	.00	199.56	30.05	10.68	3205.45	2515.77
78314.000	50.00	.00	.00	181.42	20704.00	201.30	.00	202.66	29.44	11.86	4940.97	3815.82
78314.000	50.00	.00	.00	181.42	38023.00	206.69	.00	208.16	27.64	13.61	9011.13	7332.90
78314.000	50.00	.00	.00	181.42	9606.00	195.90	.00	197.04	31.08	9.72	2145.31	1723.00
78314.000	50.00	.00	.00	181.42	4227.00	191.62	.00	192.38	29.84	7.36	925.00	773.77
79630.000	1316.00	.00	.00	186.32	7307.00	198.35	.00	199.11	26.57	7.78	2108.26	1417.53
79630.000	1316.00	.00	.00	186.32	13791.00	202.12	.00	202.86	20.96	8.53	4197.93	3012.35
79630.000	1316.00	.00	.00	186.32	20704.00	205.02	.00	205.84	19.67	9.42	5924.99	4644.14
79630.000	1316.00	.00	.00	186.32	38023.00	210.23	.00	211.30	20.51	11.46	9171.31	8395.60
79630.000	1316.00	.00	.00	186.32	9606.00	199.86	.00	200.60	23.46	8.02	2934.71	1963.26
79630.000	1316.00	.00	.00	186.32	4227.00	195.78	.00	196.56	33.63	7.20	779.70	728.94

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSL	CRUS	EG	10R'S	VCH	AREA	-01K
80521.000	891.00	.00	.00	188.71	7307.00	200.92	.00	201.78	32.93	8.39	1818.05	1273.21
80521.000	891.00	.00	.00	188.71	13791.00	204.22	.00	205.42	35.22	10.52	3097.23	2323.80
80521.000	891.00	.00	.00	188.71	20704.00	206.95	.00	208.43	36.09	12.07	4246.09	3446.28
80521.000	891.00	.00	.00	188.71	38023.00	212.02	.00	214.15	39.28	15.16	6478.64	6066.62
80521.000	891.00	.00	.00	188.71	9606.00	202.20	.00	203.21	34.28	9.29	2283.75	1640.61
80521.000	891.00	.00	.00	188.71	4227.00	198.79	.00	199.41	30.08	6.81	1136.87	770.68
80740.000	219.00	.00	.00	189.32	7307.00	201.63	.00	202.50	33.07	8.41	1894.82	1270.63
80740.000	219.00	.00	.00	189.32	13791.00	204.99	.00	206.19	34.68	10.45	3115.43	2341.81
80740.000	219.00	.00	.00	189.32	20704.00	207.76	.00	209.21	35.29	11.96	4283.35	3485.20
80740.000	219.00	.00	.00	189.32	38023.00	212.95	.00	215.01	37.80	14.92	6582.83	6184.56
80740.000	219.00	.00	.00	189.32	9606.00	202.95	.00	203.95	33.97	9.26	2287.67	1648.10
80740.000	219.00	.00	.00	189.32	4227.00	199.44	.00	200.09	31.05	6.90	1101.80	758.57
80741.000	1.00	194.74	220.00	189.32	7307.00	202.11	.00	202.62	84.97	7.16	1867.52	792.67
80741.000	1.00	194.74	220.00	189.32	13791.00	205.86	.00	206.39	64.02	7.86	3372.43	1723.62
80741.000	1.00	194.74	220.00	189.32	20704.00	208.87	.00	209.47	57.46	8.59	4655.66	2731.42
80741.000	1.00	194.74	220.00	189.32	38023.00	214.62	.00	215.40	52.91	10.16	7298.47	5227.48
80741.000	1.00	194.74	220.00	189.32	9606.00	203.59	.00	204.11	74.47	7.43	2432.89	1113.17
80741.000	1.00	194.74	220.00	189.32	4227.00	199.54	.00	200.12	129.25	7.04	1025.70	371.80
80758.000	17.00	194.74	220.00	189.32	7307.00	202.29	.00	202.77	77.58	6.94	1934.92	829.57
80758.000	17.00	194.74	220.00	189.32	13791.00	205.99	.00	206.51	61.20	7.74	3427.33	1762.86
80758.000	17.00	194.74	220.00	189.32	20704.00	208.99	.00	209.57	55.71	8.50	4705.05	2773.79
80758.000	17.00	194.74	220.00	189.32	38023.00	214.72	.00	215.49	51.86	10.09	7351.47	5280.17
80758.000	17.00	194.74	220.00	189.32	9606.00	203.74	.00	204.24	69.72	7.26	2496.18	1150.48
80758.000	17.00	194.74	220.00	189.32	4227.00	199.86	.00	200.34	104.54	6.54	1119.51	413.42
80759.000	1.00	.00	.00	189.32	7307.00	202.16	.00	202.90	26.58	7.81	1994.94	1417.29
80759.000	1.00	.00	.00	189.32	13791.00	205.75	.00	206.75	27.36	9.64	3435.62	2636.66
80759.000	1.00	.00	.00	189.32	20704.00	208.68	.00	209.89	28.03	11.06	4677.11	3910.77
80759.000	1.00	.00	.00	189.32	38023.00	214.25	.00	215.97	29.72	13.77	7220.71	6974.76
80759.000	1.00	.00	.00	189.32	9606.00	203.57	.00	204.42	27.09	8.57	2533.03	1845.75
80759.000	1.00	.00	.00	189.32	4227.00	199.82	.00	200.38	23.55	6.46	1215.07	836.32
80813.000	54.00	.00	.00	189.49	7307.00	202.35	.00	203.05	25.26	7.67	2049.20	1453.73
80813.000	54.00	.00	.00	189.49	13791.00	205.94	.00	206.90	26.32	9.52	3491.03	2688.06
80813.000	54.00	.00	.00	189.49	20704.00	208.86	.00	210.05	27.15	10.96	4732.69	3973.76
80813.000	54.00	.00	.00	189.49	38023.00	214.44	.00	216.13	28.98	13.69	7279.64	7062.66
80813.000	54.00	.00	.00	189.49	9606.00	203.76	.00	204.57	25.86	8.44	2588.93	1888.87
80813.000	54.00	.00	.00	189.49	4227.00	200.00	.00	200.53	24.11	6.33	1265.80	860.86

JOHNS RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
57138.000	6428.00	141.96	.00	.00	.00	370.87	.00
57138.000	12341.00	145.35	3.39	.00	.00	553.63	.00
57138.000	19178.00	148.06	2.71	.00	.00	681.04	.00
57138.000	35272.00	153.00	4.94	.00	.00	764.74	.00
57138.000	8513.00	143.38	-9.62	.00	.00	452.52	.00
57138.000	3665.00	139.11	-4.27	.00	.00	258.30	.00
60485.000	7307.00	149.64	.00	7.68	.00	324.64	3347.00
60485.000	13791.00	153.53	3.89	8.18	.00	577.17	3347.00
60485.000	20704.00	156.13	2.60	8.07	.00	594.31	3347.00
60485.000	38023.00	160.92	4.79	7.92	.00	648.15	3347.00
60485.000	9606.00	151.61	-9.32	8.23	.00	564.33	3347.00
60485.000	4227.00	147.26	-4.34	8.15	.00	197.95	3347.00
61282.000	7307.00	152.66	.00	3.02	.00	211.38	797.00
61282.000	13791.00	156.09	3.43	2.56	.00	228.56	797.00
61282.000	20704.00	158.52	2.43	2.39	.00	247.81	797.00
61282.000	38023.00	162.82	4.30	1.90	.00	282.22	797.00
61282.000	9606.00	154.16	-8.66	2.55	.00	218.85	797.00
61282.000	4227.00	149.99	-4.16	2.73	.00	177.77	797.00
61478.000	7307.00	153.27	.00	.61	.00	215.25	195.00
61478.000	13791.00	157.08	3.81	.99	.00	237.09	195.00
61478.000	20704.00	159.97	2.89	1.45	.00	259.03	195.00
61478.000	38023.00	165.54	5.57	2.73	.00	301.11	195.00
61478.000	9606.00	154.88	-10.66	.73	.00	223.32	195.00
61478.000	4227.00	150.44	-4.45	.44	.00	186.47	195.00
61479.000	7307.00	153.56	.00	.29	.00	216.71	1.00
61479.000	13791.00	157.74	4.18	.66	.00	242.13	1.00
61479.000	20704.00	161.03	3.29	1.06	.00	266.97	1.00
61479.000	38023.00	167.52	6.49	1.98	.00	316.11	1.00
61479.000	9606.00	155.30	-12.22	.42	.00	225.43	1.00
61479.000	4227.00	150.54	-4.76	.10	.00	187.94	1.00
61491.000	7307.00	153.64	.00	.07	.00	217.08	12.00
61491.000	13791.00	157.82	4.19	.08	.00	242.71	12.00
61491.000	20704.00	161.12	3.30	.09	.00	267.65	12.00
61491.000	38023.00	167.62	6.50	.10	.00	316.84	12.00
61491.000	9606.00	155.38	-12.24	.07	.00	225.79	12.00
61491.000	4227.00	150.62	-4.76	.08	.00	189.94	12.00

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
61492.000	7307.00	153.54	.00	-.09	.00	216.61	1.00
61492.000	13791.00	157.62	4.08	-.21	.00	241.14	1.00
61492.000	20704.00	160.80	3.18	-.32	.00	265.24	1.00
61492.000	38023.00	167.07	6.27	-.55	.00	312.67	1.00
61492.000	9606.00	155.24	-11.82	-.13	.00	225.12	1.00
61492.000	4227.00	150.59	-4.66	-.03	.00	188.56	1.00
61540.000	7307.00	153.61	.00	.07	.00	216.03	48.00
61540.000	13791.00	157.70	4.09	.08	.00	240.40	48.00
61540.000	20704.00	160.89	3.19	.09	.00	264.58	48.00
61540.000	38023.00	167.16	6.27	.10	.00	312.03	48.00
61540.000	9606.00	155.31	-11.85	.07	.00	224.57	48.00
61540.000	4227.00	150.64	-4.67	.06	.00	186.77	48.00
63705.000	7307.00	157.06	.00	3.45	.00	690.98	2165.00
63705.000	13791.00	161.23	4.17	3.53	.00	903.58	2165.00
63705.000	20704.00	164.63	3.40	3.73	.00	955.82	2165.00
63705.000	38023.00	171.45	6.82	4.29	.00	1018.93	2165.00
63705.000	9606.00	158.74	-12.71	3.42	.00	780.47	2165.00
63705.000	4227.00	154.14	-4.60	3.50	.00	148.04	2165.00
64980.000	7307.00	159.25	.00	2.19	.00	356.71	1275.00
64980.000	13791.00	162.78	3.53	1.55	.00	427.59	1275.00
64980.000	20704.00	165.84	3.06	1.21	.00	468.34	1275.00
64980.000	38023.00	172.80	6.96	1.35	.00	534.53	1275.00
64980.000	9606.00	160.63	-12.17	1.89	.00	393.73	1275.00
64980.000	4227.00	156.88	-3.75	2.75	.00	205.79	1275.00
65204.000	7307.00	160.46	.00	1.21	.00	384.38	223.80
65204.000	13791.00	163.98	3.52	1.20	.00	439.71	223.80
65204.000	20704.00	166.92	2.93	1.08	.00	476.45	223.80
65204.000	38023.00	173.54	6.63	.74	.00	536.96	223.80
65204.000	9606.00	161.88	-11.67	1.25	.00	406.54	223.80
65204.000	4227.00	157.83	-4.04	.95	.00	239.66	223.80
65205.000	7307.00	160.80	.00	.34	.00	389.53	1.00
65205.000	13791.00	164.81	4.01	.82	.00	450.08	1.00
65205.000	20704.00	167.90	3.09	.98	.00	488.71	1.00
65205.000	38023.00	174.57	6.63	1.03	.00	544.98	1.00
65205.000	9606.00	162.49	-12.08	.61	.00	416.19	1.00
65205.000	4227.00	157.56	-4.93	-.28	.00	222.34	1.00
65225.000	7307.00	161.19	.00	.39	.00	395.73	20.00
65225.000	13791.00	164.98	3.79	.17	.00	452.25	20.00
65225.000	20704.00	168.03	3.05	.14	.00	490.29	20.00
65225.000	38023.00	174.66	6.63	.09	.00	545.64	20.00
65225.000	9606.00	162.73	-11.94	.24	.00	419.98	20.00
65225.000	4227.00	158.81	-3.92	1.25	.00	301.25	20.00

SECHG	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
65226.000	7307.00	161.09	.00	-.10	.00	394.15	1.00
65226.000	13791.00	164.76	3.67	-.22	.00	449.47	1.00
65226.000	20704.00	167.75	3.00	-.28	.00	486.91	1.00
65226.000	38023.00	174.34	6.58	-.33	.00	543.11	1.00
65226.000	9606.00	162.57	-11.77	-.16	.00	417.46	1.00
65226.000	4227.00	159.00	-3.56	.20	.00	313.79	1.00
65281.000	7307.00	161.22	.00	.13	.00	393.99	55.20
65281.000	13791.00	164.89	3.67	.13	.00	449.27	55.20
65281.000	20704.00	167.88	3.00	.13	.00	486.79	55.20
65281.000	38023.00	174.44	6.56	.11	.00	542.86	55.20
65281.000	9606.00	162.70	-11.75	.13	.00	417.28	55.20
65281.000	4227.00	159.10	-3.60	.10	.00	311.06	55.20
66592.000	7307.00	164.51	.00	3.29	.00	345.02	1311.00
66592.000	13791.00	168.26	3.76	3.37	.00	396.22	1311.00
66592.000	20704.00	171.28	3.02	3.39	.00	419.53	1311.00
66592.000	38023.00	177.45	6.18	3.01	.00	467.27	1311.00
66592.000	9606.00	166.01	-11.45	3.31	.00	367.31	1311.00
66592.000	4227.00	161.87	-4.14	2.77	.00	231.26	1311.00
66755.000	7307.00	164.97	.00	.46	.00	346.46	163.00
66755.000	13791.00	168.73	3.77	.47	.00	397.01	163.00
66755.000	20704.00	171.76	3.02	.48	.00	420.38	163.00
66755.000	38023.00	177.91	6.15	.45	.00	467.91	163.00
66755.000	9606.00	166.47	-11.44	.46	.00	368.69	163.00
66755.000	4227.00	162.29	-4.18	.42	.00	233.82	163.00
66756.000	7307.00	164.87	.00	-.09	.00	345.10	1.00
66756.000	13791.00	168.94	4.07	.21	.00	398.62	1.00
66756.000	20704.00	172.14	3.20	.38	.00	423.37	1.00
66756.000	38023.00	178.49	6.35	.58	.00	472.42	1.00
66756.000	9606.00	166.46	-12.03	-.01	.00	368.73	1.00
66756.000	4227.00	161.92	-4.54	-.36	.00	213.55	1.00
66774.000	7307.00	165.25	.00	.38	.00	350.77	18.00
66774.000	13791.00	169.11	3.86	.17	.00	399.92	18.00
66774.000	20704.00	172.27	3.16	.13	.00	424.36	18.00
66774.000	38023.00	178.59	6.31	.10	.00	473.16	18.00
66774.000	9606.00	166.71	-11.88	.25	.00	372.23	18.00
66774.000	4227.00	162.85	-3.86	.92	.00	266.00	18.00
66775.000	7307.00	165.37	.00	.12	.00	352.40	1.00
66775.000	13791.00	168.98	3.61	-.13	.00	398.90	1.00
66775.000	20704.00	172.05	3.07	-.22	.00	422.66	1.00
66775.000	38023.00	178.25	6.20	-.34	.00	470.55	1.00
66775.000	9606.00	166.67	-11.58	-.04	.00	371.64	1.00
66775.000	4227.00	163.38	-3.29	.53	.00	296.86	1.00

SECNO	Q	CMSEL	DIFMSP	DIFMSX	DIFKWS	TOPJID	XLCH
66815.000	7307.00	165.45	.00	.08	.00	351.73	40.00
66815.000	13791.00	169.08	3.63	.10	.00	398.65	40.00
66815.000	20704.00	172.15	3.08	.10	.00	422.39	40.00
66815.000	38023.00	178.35	6.20	.10	.00	470.52	40.00
66815.000	9606.00	166.76	-11.59	.09	.00	370.95	40.00
66815.000	4227.00	163.44	-3.53	.06	.00	291.91	40.00
68379.000	7307.00	168.74	.00	3.29	.00	572.46	1564.00
68379.000	13791.00	172.67	3.93	3.59	.00	646.79	1564.00
68379.000	20704.00	175.91	3.24	3.76	.00	668.49	1564.00
68379.000	38023.00	182.34	6.42	3.99	.00	706.50	1564.00
68379.000	9606.00	170.27	-12.07	3.50	.00	607.72	1564.00
68379.000	4227.00	166.17	-4.10	2.73	.00	502.55	1564.00
68504.000	7307.00	168.92	.00	.18	.00	568.73	125.00
68504.000	13791.00	172.84	3.92	.17	.00	645.65	125.00
68504.000	20704.00	176.08	3.24	.16	.00	667.46	125.00
68504.000	38023.00	182.50	6.42	.16	.00	705.45	125.00
68504.000	9606.00	170.44	-12.06	.17	.00	603.93	125.00
68504.000	4227.00	166.37	-4.07	.20	.00	498.00	125.00
68505.000	7307.00	169.09	.00	.17	.00	572.65	1.00
68505.000	13791.00	173.01	3.92	.17	.00	646.83	1.00
68505.000	20704.00	176.26	3.25	.18	.00	668.55	1.00
68505.000	38023.00	182.71	6.45	.21	.00	706.71	1.00
68505.000	9606.00	170.61	-12.10	.17	.00	607.89	1.00
68505.000	4227.00	166.54	-4.07	.17	.00	503.31	1.00
68525.000	7307.00	169.13	.00	.04	.00	573.44	20.00
68525.000	13791.00	173.05	3.92	.03	.00	647.03	20.00
68525.000	20704.00	176.29	3.25	.03	.00	668.72	20.00
68525.000	38023.00	182.74	6.45	.03	.00	706.86	20.00
68525.000	9606.00	170.65	-12.09	.04	.00	608.64	20.00
68525.000	4227.00	166.59	-4.06	.05	.00	504.54	20.00
68526.000	7307.00	169.07	.00	-.06	.00	572.24	1.00
68526.000	13791.00	172.98	3.91	-.06	.00	646.64	1.00
68526.000	20704.00	176.23	3.24	-.07	.00	668.35	1.00
68526.000	38023.00	182.66	6.43	-.08	.00	706.42	1.00
68526.000	9606.00	170.59	-12.07	-.06	.00	607.38	1.00
68526.000	4227.00	166.53	-4.06	-.06	.00	503.09	1.00
68557.000	7307.00	169.10	.00	.03	.00	571.15	30.50
68557.000	13791.00	173.01	3.91	.03	.00	646.28	30.50
68557.000	20704.00	176.26	3.24	.03	.00	668.02	30.50
68557.000	38023.00	182.69	6.43	.02	.00	706.07	30.50
68557.000	9606.00	170.62	-12.06	.03	.00	606.24	30.50
68557.000	4227.00	166.57	-4.05	.04	.00	501.54	30.50

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
72032.000	7307.00	174.62	.00	5.52	.00	160.84	475.50
72032.000	13791.00	178.68	4.06	5.66	.00	238.89	475.50
72032.000	20704.00	181.94	3.26	5.68	.00	297.73	475.50
72032.000	38023.00	188.16	6.22	5.47	.00	410.18	475.50
72032.000	9606.00	176.23	-11.93	5.61	.00	194.59	475.50
72032.000	4227.00	171.91	-4.32	5.34	.00	96.59	475.50
72257.000	7307.00	176.67	.00	2.05	.00	192.56	224.00
72257.000	13791.00	180.98	4.32	2.31	.00	270.56	224.00
72257.000	20704.00	184.35	3.36	2.41	.00	331.53	224.00
72257.000	38023.00	190.56	6.22	2.40	.00	444.01	224.00
72257.000	9606.00	178.43	-12.13	2.20	.00	224.41	224.00
72257.000	4227.00	173.66	-4.77	1.75	.00	125.13	224.00
72258.000	7307.00	176.35	.00	-.32	.00	186.89	1.00
72258.000	13791.00	181.83	5.48	.84	.00	285.83	1.00
72258.000	20704.00	185.84	4.02	1.50	.00	358.54	1.00
72258.000	38023.00	192.96	7.12	2.40	.00	470.00	1.00
72258.000	9606.00	178.41	-14.55	-.02	.00	224.10	1.00
* 72258.000	4227.00	170.80	-7.61	-2.86	.00	60.51	1.00
72273.000	7307.00	177.90	.00	1.55	.00	214.72	15.00
72273.000	13791.00	182.16	4.26	.34	.00	292.01	15.00
72273.000	20704.00	186.05	3.89	.21	.00	362.42	15.00
72273.000	38023.00	193.10	7.04	.14	.00	470.00	15.00
72273.000	9606.00	179.20	-13.90	.79	.00	238.33	15.00
72273.000	4227.00	179.35	.16	8.56	.00	241.18	15.00
72274.000	7307.00	178.10	.00	.20	.00	218.55	1.00
72274.000	13791.00	181.96	3.85	-.21	.00	288.26	1.00
72274.000	20704.00	185.69	3.73	-.37	.00	355.76	1.00
72274.000	38023.00	192.51	6.82	-.59	.00	470.00	1.00
72274.000	9606.00	179.17	-13.34	-.03	.00	237.88	1.00
72274.000	4227.00	179.35	.18	-.01	.00	241.08	1.00
72329.000	7307.00	178.24	.00	.14	.00	216.01	55.25
72329.000	13791.00	182.12	3.88	.17	.00	286.30	55.25
72329.000	20704.00	185.84	3.72	.16	.00	353.64	55.25
72329.000	38023.00	192.65	6.80	.14	.00	470.00	55.25
72329.000	9606.00	179.35	-13.30	.18	.00	236.10	55.25
72329.000	4227.00	179.38	.03	.03	.00	236.57	55.25
73515.000	7307.00	180.85	.00	2.61	.00	430.28	1186.00
73515.000	13791.00	185.21	4.36	3.09	.00	579.00	1186.00
73515.000	20704.00	189.01	3.80	3.17	.00	717.87	1186.00
73515.000	38023.00	196.06	7.05	3.42	.00	976.02	1186.00
73515.000	9606.00	182.39	-13.67	3.05	.00	479.00	1186.00
73515.000	4227.00	180.19	-2.21	.81	.00	410.33	1186.00

SECNO	Q	CUSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
74564.000	7307.00	182.52	.00	1.67	.00	280.05	1049.00
74564.000	13791.00	186.51	3.99	1.30	.00	446.39	1049.00
74564.000	20704.00	190.08	3.57	1.07	.00	541.98	1049.00
74564.000	38023.00	196.91	6.83	.84	.00	673.96	1049.00
74564.000	9606.00	183.97	-12.94	1.58	.00	366.94	1049.00
74564.000	4227.00	181.02	-2.95	.83	.00	189.27	1049.00
74807.000	7307.00	184.07	.00	1.55	.00	368.16	243.00
74807.000	13791.00	188.01	3.94	1.50	.00	491.17	243.00
74807.000	20704.00	191.23	3.22	1.14	.00	567.63	243.00
74807.000	38023.00	197.68	6.46	.78	.00	711.48	243.00
74807.000	9606.00	185.70	-11.99	1.73	.00	419.02	243.00
74807.000	4227.00	181.83	-3.87	.81	.00	234.71	243.00
74808.000	7307.00	184.05	.00	-.02	.00	367.45	1.00
74808.000	13791.00	188.67	4.62	.66	.00	506.90	1.00
74808.000	20704.00	192.01	3.34	.78	.00	586.17	1.00
74808.000	38023.00	198.50	6.49	.82	.00	754.49	1.00
74808.000	9606.00	186.09	-12.41	.40	.00	431.44	1.00
74808.000	4227.00	181.61	-4.49	-.22	.00	221.36	1.00
74822.000	7307.00	184.50	.00	.45	.00	381.52	14.00
74822.000	13791.00	188.79	4.29	.12	.00	509.77	14.00
74822.000	20704.00	192.09	3.30	.08	.00	586.82	14.00
74822.000	38023.00	198.55	6.47	.05	.00	754.73	14.00
74822.000	9606.00	186.29	-12.26	.20	.00	437.57	14.00
74822.000	4227.00	182.18	-4.11	.57	.00	255.93	14.00
74823.000	7307.00	184.49	.00	-.01	.00	381.31	1.00
74823.000	13791.00	188.60	4.11	-.19	.00	505.37	1.00
74823.000	20704.00	191.86	3.25	-.23	.00	582.57	1.00
74823.000	38023.00	198.29	6.43	-.27	.00	743.15	1.00
74823.000	9606.00	186.18	-12.11	-.11	.00	434.13	1.00
74823.000	4227.00	182.60	-3.58	.42	.00	281.51	1.00
74883.000	7307.00	184.62	.00	.13	.00	374.24	60.00
74883.000	13791.00	188.72	4.10	.12	.00	499.57	60.00
74883.000	20704.00	191.96	3.24	.11	.00	576.55	60.00
74883.000	38023.00	198.38	6.42	.09	.00	728.91	60.00
74883.000	9606.00	186.30	-12.07	.12	.00	426.77	60.00
74883.000	4227.00	182.69	-3.61	.09	.00	265.24	60.00
75565.000	7307.00	186.35	.00	1.72	.00	751.93	682.00
75565.000	13791.00	190.34	3.99	1.62	.00	997.65	682.00
75565.000	20704.00	193.52	3.18	1.56	.00	1037.66	682.00
75565.000	38023.00	199.83	6.31	1.45	.00	1061.49	682.00
75565.000	9606.00	187.96	-11.86	1.66	.00	950.40	682.00
75565.000	4227.00	183.95	-4.01	1.26	.00	337.98	682.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
78043.000	7307.00	191.99	.00	5.64	.00	248.55	2478.00
78043.000	13791.00	194.97	2.99	4.63	.00	374.66	2478.00
78043.000	20704.00	197.46	2.49	3.94	.00	503.93	2478.00
78043.000	38023.00	204.25	6.79	4.43	.00	793.23	2478.00
78043.000	9606.00	193.18	-11.07	5.22	.00	299.02	2478.00
78043.000	4227.00	190.08	-3.10	6.13	.00	191.57	2478.00
78246.000	7307.00	193.32	.00	1.33	.00	275.75	203.00
78246.000	13791.00	197.00	3.68	2.03	.00	444.75	203.00
78246.000	20704.00	199.81	2.81	2.35	.00	595.68	203.00
78246.000	38023.00	205.31	5.50	1.06	.00	799.03	203.00
78246.000	9606.00	194.77	-10.54	1.59	.00	337.89	203.00
78246.000	4227.00	190.94	-3.83	.86	.00	194.98	203.00
78247.000	7307.00	194.05	.00	.73	.00	306.85	1.00
78247.000	13791.00	198.34	4.30	1.34	.00	516.71	1.00
78247.000	20704.00	201.44	3.10	1.63	.00	669.03	1.00
78247.000	38023.00	206.95	5.51	1.64	.00	821.61	1.00
78247.000	9606.00	195.79	-11.17	1.02	.00	381.59	1.00
78247.000	4227.00	191.07	-4.71	.13	.00	198.06	1.00
78263.000	7307.00	194.30	.00	.25	.00	317.89	16.50
78263.000	13791.00	198.49	4.19	.15	.00	525.00	16.50
78263.000	20704.00	201.56	3.07	.12	.00	674.28	16.50
78263.000	38023.00	207.04	5.48	.08	.00	822.64	16.50
78263.000	9606.00	195.99	-11.05	.20	.00	390.40	16.50
78263.000	4227.00	191.49	-4.50	.41	.00	207.47	16.50
78264.000	7307.00	194.13	.00	-.17	.00	310.62	1.00
78264.000	13791.00	198.19	4.06	-.31	.00	508.59	1.00
78264.000	20704.00	201.19	3.00	-.38	.00	657.93	1.00
78264.000	38023.00	206.60	5.42	-.43	.00	816.81	1.00
78264.000	9606.00	195.75	-10.85	-.23	.00	380.40	1.00
78264.000	4227.00	191.45	-4.31	-.04	.00	206.47	1.00
78314.000	7307.00	194.29	.00	.15	.00	307.19	50.00
78314.000	13791.00	198.31	4.03	.13	.00	503.54	50.00
78314.000	20704.00	201.30	2.98	.11	.00	653.12	50.00
78314.000	38023.00	206.69	5.40	.09	.00	815.02	50.00
78314.000	9606.00	195.90	-10.80	.15	.00	377.04	50.00
78314.000	4227.00	191.62	-4.28	.17	.00	204.82	50.00
79630.000	7307.00	198.35	.00	4.06	.00	541.74	1316.00
79630.000	13791.00	202.12	3.77	3.81	.00	569.97	1316.00
79630.000	20704.00	205.02	2.90	3.73	.00	614.46	1316.00
79630.000	38023.00	210.23	5.21	3.54	.00	632.04	1316.00
79630.000	9606.00	199.86	-10.37	3.96	.00	549.31	1316.00
79630.000	4227.00	195.78	-4.08	4.16	.00	303.68	1316.00

SECNO	Q	CWSEL	DIFVSP	DIFVFX	DIFKWS	TOPWID	XLCH
80521.000	7307.00	200.92	.00	2.57	.00	347.19	891.00
80521.000	13791.00	204.22	3.30	2.10	.00	415.31	891.00
80521.000	20704.00	206.95	2.73	1.92	.00	426.23	891.00
80521.000	38023.00	212.02	5.08	1.79	.00	475.12	891.00
80521.000	9606.00	202.20	-9.82	2.34	.00	380.78	891.00
80521.000	4227.00	198.79	-3.41	3.00	.00	290.70	891.00
80740.000	7307.00	201.63	.00	.72	.00	349.84	219.00
80740.000	13791.00	204.99	3.36	.78	.00	415.95	219.00
80740.000	20704.00	207.76	2.77	.81	.00	427.03	219.00
80740.000	38023.00	212.95	5.19	.93	.00	480.24	219.00
80740.000	9606.00	202.95	-10.00	.75	.00	384.37	219.00
80740.000	4227.00	199.44	-3.50	.66	.00	291.94	219.00
80741.000	7307.00	202.11	.00	.47	.00	362.29	1.00
80741.000	13791.00	205.86	3.75	.86	.00	419.43	1.00
80741.000	20704.00	208.87	3.02	1.11	.00	431.71	1.00
80741.000	38023.00	214.62	5.75	1.67	.00	506.89	1.00
80741.000	9606.00	203.59	-11.03	.64	.00	401.17	1.00
80741.000	4227.00	199.54	-4.04	.10	.00	294.70	1.00
80758.000	7307.00	202.29	.00	.18	.00	367.14	17.00
80758.000	13791.00	205.99	3.70	.13	.00	419.95	17.00
80758.000	20704.00	208.99	3.00	.11	.00	432.20	17.00
80758.000	38023.00	214.72	5.74	.10	.00	503.56	17.00
80758.000	9606.00	203.74	-10.98	.16	.00	405.29	17.00
80758.000	4227.00	199.86	-3.89	.31	.00	303.18	17.00
80759.000	7307.00	202.16	.00	-.13	.00	363.83	1.00
80759.000	13791.00	205.75	3.59	-.23	.00	419.02	1.00
80759.000	20704.00	208.68	2.92	-.31	.00	430.87	1.00
80759.000	38023.00	214.25	5.58	-.47	.00	501.04	1.00
80759.000	9606.00	203.57	-10.68	-.17	.00	400.78	1.00
80759.000	4227.00	199.82	-3.75	-.03	.00	302.24	1.00
80813.000	7307.00	202.35	.00	.19	.00	364.25	54.00
80813.000	13791.00	205.94	3.59	.19	.00	419.08	54.00
80813.000	20704.00	208.86	2.92	.19	.00	430.94	54.00
80813.000	38023.00	214.44	5.58	.19	.00	501.37	54.00
80813.000	9606.00	203.76	-10.68	.19	.00	401.26	54.00
80813.000	4227.00	200.00	-3.76	.18	.00	302.44	54.00

QT	7.000	6428.000	12341.000	19178.000	35272.000	8513.000	3665.000	19178.000	4820.000	5200.000
ET	.000	.000	.000	.000	.000	.000	.000	2.110	.000	.000
X1	4221.800	31.000	4975.000	5118.300	2511.750	2636.750	2781.750	.000	52.000	4745.000
GR	68.000	4573.000	64.000	4688.000	60.000	4708.000	56.000	4723.000	33.890	5020.000
BT	42.150	5001.500	42.150	39.760	42.150	34.990	33.650	5010.000	32.730	5050.000
BT	42.150	5010.000	42.120	39.760	5020.000	1039.000	32.430	5022.810	33.710	3688.310
BT	42.030	5028.810	42.030	32.430	5029.800	33.710	33.710	5058.000	44.540	5169.380
BT	42.060	5040.000	42.060	39.700	5050.000	33.710	34.530	5058.000	64.300	5443.700
BT	42.110	5067.810	42.110	33.710	5068.800	42.500	34.530	5067.810	41.840	5368.500
BT	42.260	5080.000	42.260	39.900	5087.000	42.340	39.980	5098.320	60.050	5368.500
BT	42.450	5097.010	42.450	40.080	5098.110	48.000	40.080	5098.320	64.000	5200.000
BT	44.000	5118.300	44.000	56.000	5198.300	60.000	60.000	5268.300	64.000	64.000
BT	5308.300	5413.300	68.000	68.000	5451.300	72.000	72.000	5393.300	.000	.000
BT	5413.300	.000	.000	.000	12.500	12.500	12.500	.000	.000	.000
X1	4616.300	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	4617.300	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	41.570	41.840	.000
X1	4711.800	30.000	4975.000	5118.300	94.500	94.500	94.500	.000	.240	.000
X4	1.000	33.860	5050.000	.000	.000	.000	.000	.000	.003	.000
GR	68.000	4673.000	64.000	4688.000	60.000	4708.000	56.000	4723.000	52.000	4745.000
GR	48.000	4915.000	44.000	4975.000	34.900	5002.000	33.650	5010.000	33.890	5020.000
GR	32.430	5028.800	32.430	5028.810	32.430	5029.800	32.430	5022.810	32.730	5040.000
GR	33.710	5067.800	33.710	5067.810	33.710	5068.800	33.710	5068.810	34.530	5080.000
GR	35.400	5087.000	37.640	5097.000	44.000	5118.300	48.000	5198.300	52.000	5268.500
GR	56.000	5308.300	60.000	5368.300	64.000	5451.300	68.000	5413.300	72.000	5451.300

HC	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	6685.000	38.000	5166.500	5253.500	1973.250	1923.250	1973.250	9.110	5120.000	5320.000
GR	84.000	5000.000	75.000	5020.000	72.000	5045.000	68.000	5070.000	64.000	5095.000
GR										
GR										
GR										
GR	82.300	5445.000	82.600	5515.000	82.400	5578.500	80.000	5687.500	78.300	5692.500
GR	79.700	5702.500	79.140	5712.500	78.900	5722.500	78.100	5732.500	78.300	5742.500
GR	78.600	5732.500	80.000	5762.500	81.300	5767.500	84.800	5777.500	91.500	5797.500
GR	96.000	5815.000	97.000	5828.000	97.000	5828.000	96.000	5828.000	95.000	5813.000
GR	93.000	6378.000	95.000	6448.000	96.000	6508.000	98.000	6558.000	100.000	6558.000
GR	104.000	6583.000								
X1	32595.000	41.000	5649.500	5797.500	5800.000	5700.000	5995.000	7.410	5067.000	
GR	104.000	5000.000	102.000	5015.000	100.000	5030.000	98.000	5055.000	96.000	5067.000
GR	92.000	5070.000	92.000	5095.000	93.000	5150.000	93.000	5315.000	92.000	5365.000
GK	91.000	5445.000	89.000	5515.000	91.000	5595.000	88.000	5642.500	88.000	5649.500
GR	82.300	5655.500	82.600	5664.500	82.400	5678.500	80.000	5687.500	79.680	5692.500
GR	79.700	5702.500	79.140	5712.500	78.900	5722.500	78.100	5732.500	78.300	5742.500
GR	78.600	5732.500	80.000	5762.500	81.300	5767.500	84.800	5777.500	91.500	5797.500
GR	96.000	5815.000	97.000	5828.000	97.000	5828.000	96.000	5828.000	95.000	5813.000
GR	93.000	6378.000	95.000	6448.000	96.000	6508.000	98.000	6558.000	100.000	6558.000
GR	104.000	6583.000								
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	26600.000	48.000	5167.000	5347.000	5150.000	5850.000	6120.000	7.410	5040.000	
GR	104.000	5000.000	100.000	5010.000	96.000	5020.000	92.000	5028.000	91.000	5040.000
GR	88.000	5055.000	87.000	5090.000	85.900	5142.000	86.400	5167.000	82.900	5177.000
GR	81.000	5187.000	78.100	5195.000	75.600	5223.000	74.000	5230.000	73.500	5237.000
GR	73.400	5242.000	73.900	5252.000	72.700	5282.000	72.600	5272.000	72.700	5282.000
GR	72.700	5292.000	73.000	5302.000	73.600	5312.000	74.000	5320.000	77.600	5327.000
GR	80.300	5337.000	85.000	5347.000	86.000	5422.000	88.000	5432.000	89.000	5457.000
GR	88.000	5502.000	85.000	5562.000	85.000	5637.000	86.000	5697.000	87.000	5777.000
GR	87.000	5847.000	87.000	5917.000	86.000	5997.000	87.000	6067.000	86.000	6127.000
GR	85.000	6192.000	85.000	6242.000	88.000	6272.000	89.000	6292.000	92.000	6317.000
GR	96.000	6332.000	100.000	6342.000	104.000	6352.000				

QT	7,000	6589,000	12257,000	18517,000	34519,000	8609,000	3866,000	18517,000	5990,000	5230,000
ET	.000	.000	.000	.000	.000	.000	.000	9,110	.000	.000
X1	33538,000	42,000	5091,760	5216,000	1293,200	693,200	943,200	.000	1,780	5030,000
				4,75,000	96,330	500,760	91,160	5012,000	99,100	5943,000
GR	105,170	5225,010	107,000	5475,000	103,000	5225,010	109,000	5865,000	102,890	5225,000
ET	.000	.000	.000	.000	.000	.000	.000	9,110	4990,000	5230,000
X1	34430,000	4485,000	103,000	108,000	4535,000	104,000	104,000	5000,000	100,210	100,210
BT	-47,000	5000,010	102,130	97,910	5091,750	102,200	97,750	5001,760	102,200	97,750
BT	.000	5020,000	102,930	98,530	5022,300	103,030	98,610	5043,500	103,870	99,270
BT	.000	5043,510	103,870	89,360	5045,000	104,000	89,360	5046,500	104,050	99,320
BT	.000	5046,510	104,050	99,360	5067,250	104,740	99,900	5068,250	104,780	99,930
BT	.000	5088,500	105,450	100,470	5088,510	105,450	87,710	5090,000	105,500	87,710
BT	.000	5091,500	105,530	87,710	5091,510	105,530	100,540	5103,000	105,720	100,800
BT	.000	5112,250	105,870	101,030	5112,510	105,870	101,030	5120,000	106,000	101,200
BT	.000	5133,500	106,230	101,510	5133,510	106,230	82,640	5135,000	106,250	82,640
BT	.000	5136,500	106,280	82,640	5136,570	106,280	82,640	5150,000	106,500	101,790
BT	.000	5157,500	106,630	101,930	5160,000	106,670	101,560	5178,500	106,980	102,290
BT	.000	5178,510	106,980	86,240	5180,000	107,000	86,240	5181,500	107,010	86,240
BT	.000	5181,510	107,010	86,240	5202,510	107,100	102,610	5202,550	107,100	102,610
BT	.000	5216,000	107,150	102,730	5223,000	107,180	102,890	5223,010	107,180	102,890
BT	.000	5225,000	107,190	102,890	5225,010	105,170	105,170	5475,000	107,000	107,000
BT	.000	5735,000	108,000	108,000	5865,000	109,000	109,000	5865,000	107,000	107,000
ET	.000	.000	.000	.000	.000	.000	.000	9,110	4990,000	5230,000
X1	34460,000	4485,000	103,000	108,000	4535,000	104,000	104,000	5000,000	100,210	100,210
X2	.000	.000	.000	.000	29,600	29,600	1,000	.000	.000	.000

THIS RUN EXECUTED 02-24-86 06:43:43

YOUR RELEASE DATED NOV 76 UPDATED MAY 1984

4603.800	71.40	.09	57.71	612.12	4539.56	10945.56	3692.88	.00	.00	4999.99	5098.32	.00
4603.800	58.33	.95	58.65	444.63	4463.96	11240.81	3473.23	.06	4790.71	4999.99	5098.32	5235.34
4616.300	57.47	.00	57.74	612.64	4547.08	10932.79	3698.13	.00	.00	4999.99	5098.32	.00
4616.300	58.41	.94	58.68	444.09	4467.87	11235.95	3474.18	.06	4791.02	4999.99	5098.32	5235.10
4617.300	57.36	.00	57.85	610.87	2550.34	14551.82	2075.84	.00	.00	4999.99	5098.32	.00
4617.300	58.30	.94	58.79	403.57	2583.63	14983.45	1810.92	.05	4812.71	4999.99	5098.32	5216.28
4711.800	57.58	.00	57.95	610.46	1670.06	16136.39	1371.55	.00	.00	4975.00	5118.30	.00
4711.800	58.51	.93	58.89	378.34	1416.77	16717.67	1043.56	.05	4826.36	4975.00	5118.30	5204.70
6685.000	60.07	.00	61.61	273.31	930.65	17471.54	775.82	.00	.00	5166.50	5253.50	.00
6685.000	60.74	.67	62.16	200.00	935.82	17412.82	829.36	200.00	5120.00	5166.50	5253.50	5320.00
13035.000	74.56	.00	75.53	427.37	4005.26	14712.79	459.95	.00	.00	5332.50	5407.50	.00
13035.000	75.03	.48	76.25	200.00	2613.40	16097.77	466.83	200.00	5239.00	5332.50	5407.50	5439.00
20480.000	86.66	.00	87.62	229.92	384.46	17573.02	1220.53	.00	.00	5045.00	5145.00	.00
20480.000	87.37	.72	88.30	180.00	403.42	17747.54	1027.03	180.00	5020.00	5045.00	5145.00	5200.00
26600.000	92.89	.00	93.15	1294.15	521.67	14084.86	4571.47	.00	.00	5167.00	5347.00	.00
26600.000	93.57	.68	93.85	923.39	.00	15010.26	4167.74	.09	5167.00	5167.00	5347.00	6090.39

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FLOODWAY DATA, JOHNS RIVER
PROFILE NO. 2

----- CHANNEL ----- WATER SURFACE ELEVATION
----- BANK -----

			5.2			
			5.1	101.9	101.5	.4
			5.2	105.4	104.9	.5
38735.000	250.	3326.	5.8	110.7	109.8	.9

THIS RUN EXECUTED 02-24-86 06:44:16

ACCOUNT	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
J6	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.180	.180	.052	.300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	7.000	6428.000	12341.000	35272.000	8513.000	3665.000	19178.000	5075.000	19178.000	.000	.000	.000	.000	.000
X1	38705.000	28.000	5200.000	2050.000	1900.000	2060.000	5025.000	104.000	5025.000	.000	.000	.000	.000	.000
GR	120.000	5055.000	116.000	112.000	5015.000	103.000	5105.000	103.000	5105.000	.000	.000	.000	.000	.000
GR	104.000	5180.000	99.000	92.000	5250.500	90.000	5258.500	90.000	5258.500	.000	.000	.000	.000	.000
GR	90.000	5278.500	90.000	92.000	5290.500	96.000	5307.500	102.000	5307.500	.000	.000	.000	.000	.000
GR	104.000	5330.000	107.000	108.000	5370.000	108.000	5390.000	110.000	5390.000	.000	.000	.000	.000	.000
GR	112.000	5440.000	116.000	120.000	5470.000	108.000	5470.000	.000	5470.000	.000	.000	.000	.000	.000
NC	.185	.185	.052	.300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	40466.000	33.000	4985.000	1586.000	1821.000	1761.000	4940.000	4985.000	4940.000	.000	.000	.000	.000	.000
X1	124.000	4850.000	120.000	116.000	4890.000	112.000	4940.000	108.000	4940.000	.000	.000	.000	.000	.000
GR	104.000	4985.000	96.990	96.990	5001.500	94.610	5001.510	94.390	5001.510	.000	.000	.000	.000	.000
GR	94.530	5020.000	93.400	93.400	5029.100	93.400	5030.000	93.400	5030.000	.000	.000	.000	.000	.000
GR	93.820	5031.010	95.030	94.030	5050.000	93.820	5059.000	93.820	5059.000	.000	.000	.000	.000	.000
GR	93.820	5060.000	93.820	93.820	5061.010	94.490	5070.000	95.470	5070.000	.000	.000	.000	.000	.000
GR	96.530	5086.000	96.920	101.700	5127.000	108.000	5190.500	112.000	5190.500	.000	.000	.000	.000	.000
GR	116.000	5230.500	120.000	124.000	5260.500	108.000	5260.500	.000	5260.500	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	4985.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	9.110	.000	.000	5160.000
X1	40929.000	.000	5000.510	.000	.000	353.000	.000	.000	.000	.000	.000	4985.000	.000	5160.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	40929.000	33.000	4985.000	5127.000	87.500	.000	.000	.000	.000	.000	.000	.000	.000	5160.000
GR	124.000	4850.000	120.000	4865.000	116.000	87.500	87.500	87.500	87.500	87.500	.000	108.000	.200	4960.000
GR	104.000	4985.000	96.990	5001.010	96.990	5001.500	4890.000	4940.000	4940.000	4940.000	5091.510	94.390	5010.000	5010.000
GR	94.530	5020.000	93.400	5029.000	93.400	5029.100	5029.100	5030.000	5030.000	5030.000	5030.000	93.400	93.400	5031.000
GR	93.400	5031.010	95.050	5040.000	94.030	5050.000	5050.000	5059.000	5059.000	5059.000	5070.000	93.820	93.820	5059.010
GR	93.820	5060.000	93.820	5061.000	93.820	5061.010	5061.010	5070.000	5070.000	5070.000	5190.500	95.470	95.470	5080.000
GR	96.530	5086.000	96.920	5089.500	101.700	5127.000	5127.000	5127.000	5127.000	5127.000	5190.500	112.000	112.000	5210.500
GR	116.000	5230.500	120.000	5250.500	124.000	5260.500	5260.500	5260.500	5260.500	5260.500	.000	.000	.000	.000

ET	42885.000	.000	4980.200	5064.000	.000	46.500	46.500	9.110	4940.000	5160.000
X1	128.000	29.000	124.000	4870.000	120.000	4885.070	116.000	.000	.110	.000
GR	108.000	4960.000	104.000	4980.000	98.640	5004.010	97.600	5010.000	97.620	4915.000
GR	97.620	5014.090	97.620	5014.920	97.620	5014.950	97.430	5020.000	97.850	5029.000
GR	97.800	5031.250	97.800	5031.260	97.800	5039.570	97.610	5039.580	97.610	5040.420
GR	97.610	5040.430	99.640	5050.000	104.000	5064.000	108.000	5074.000	112.000	5160.000
GR	116.000	5200.000	120.000	5225.000	124.000	5240.000	128.000	5247.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
ET	44354.000	.000	4985.000	5073.000	1569.500	1289.500	1469.500	9.110	4905.000	5145.000
X1	132.000	34.000	124.000	4790.000	120.000	4800.000	116.000	.000	.360	.000
GR	108.000	4985.000	103.770	5005.000	103.200	5011.650	103.200	5011.660	103.200	4965.000
GR	103.200	5013.350	103.200	5013.360	102.330	5020.000	102.450	5021.500	102.450	5012.500
GR	102.640	5023.300	102.830	5023.000	102.300	5026.750	101.800	5028.500	101.250	5031.750
GR	101.100	5032.660	101.100	5032.670	100.640	5036.650	100.640	5036.660	100.640	5037.500
GR	100.640	5038.350	100.640	5038.360	107.480	5073.000	108.000	5095.500	112.000	5145.500
GR	116.000	5160.500	120.000	5195.500	124.000	5210.500	132.000	5240.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
ET	44537.000	.000	4985.000	5073.000	183.000	183.000	183.000	9.110	4905.000	5145.000
X1	10.000	44.000	10.000	4790.000	120.000	4800.000	116.000	107.160	106.890	.000
X3	132.000	.000	124.000	4992.500	104.780	5000.000	104.770	4945.000	112.000	4965.000
GR	108.000	4985.000	106.390	4992.500	104.240	5002.510	103.770	5005.000	104.610	5000.750
GR	104.450	5001.500	104.240	5002.500	104.240	5013.350	103.200	5013.360	102.330	5020.000
GR	103.200	5011.660	103.200	5012.500	103.200	5025.000	102.830	5025.000	102.300	5026.750
GR	102.450	5021.500	102.450	5021.510	101.100	5032.660	101.100	5032.670	100.640	5036.650
GR	101.800	5028.500	101.250	5031.750	101.100	5038.360	100.640	5038.360	102.740	5049.000
GR	100.640	5036.660	100.640	5037.500	100.640	5073.000	108.000	5095.500	112.000	5145.500
GR	102.740	5049.010	103.040	5050.500	107.480	5073.000	108.000	5095.500	112.000	5145.500
GR	116.000	5160.500	120.000	5195.500	124.000	5210.500	132.000	5240.000	.000	.000
NC	.000	.000	.049	.000	.000	.000	.000	.000	.000	.000
ET	44538.000	.000	.000	.000	1.000	1.000	1.000	9.110	4905.000	5145.000
X1	-44.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4720.000	4720.000	132.000	132.000	4790.000	124.000	124.000	4800.000	120.000	120.000
BT	4945.000	4945.000	116.000	116.000	4965.000	112.000	112.000	4985.000	108.000	108.000
BT	4992.500	4992.500	107.610	106.390	5000.010	107.220	104.780	5000.010	108.040	104.770
BT	5000.750	5000.750	107.190	104.610	5001.500	107.180	104.450	5002.500	107.170	104.240
BT	5002.510	5002.510	107.160	106.040	5005.000	107.070	106.010	5011.650	106.880	105.940
BT	5011.660	5011.660	106.880	105.200	5012.500	106.860	103.200	5013.350	106.830	103.200
BT	5013.360	5013.360	106.830	105.920	5020.000	106.640	105.850	5021.500	106.590	105.790
BT	5021.510	5021.510	106.590	102.450	5023.300	106.540	102.640	5025.000	106.490	102.830
BT	5026.750	5026.750	106.490	102.300	5032.670	106.530	101.800	5031.750	106.520	101.250
BT	5032.660	5032.660	106.520	100.640	5037.500	106.550	100.640	5038.350	106.550	100.640
BT	5036.660	5036.660	106.550	100.640	5049.000	106.890	102.740	5049.010	106.890	102.740
BT	5038.360	5038.360	106.560	100.640	5073.000	107.480	107.480	5095.500	108.000	108.000
BT	5050.500	5050.500	112.000	112.000	5160.500	116.000	116.000	5195.500	120.000	120.000
BT	5145.500	5145.500	112.000	124.000	5240.000	132.000	132.000	.000	.000	.000
BT	5210.500	5210.500	124.000	124.000	5240.000	132.000	132.000	.000	.000	.000

BT	.000	5074.510	110.980	105.140	5075.500	110.980	105.470	5075.510	110.150	105.470
BT	.000	5095.500	112.000	112.000	5170.500	116.000	116.000	5190.500	120.000	120.000
BT	.000	5205.500	124.000	124.000	5260.000	136.000	136.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4975.000	5170.000
X1	46266.000	.000	.000	.000	13.209	13.200	13.200	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.050	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4975.000	5170.000
X1	46267.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4975.000	5170.000
X1	46333.000	26.000	4990.000	5095.500	66.000	66.000	66.000	.000	.150	.000
GR	136.000	4765.000	124.000	4870.000	120.000	4960.000	116.000	4980.000	112.000	4990.000
GR	105.820	5031.510	104.730	5010.000	104.390	5020.000	103.950	5024.250	103.950	5024.260
GR	103.950	5027.750	103.950	5027.760	103.660	5048.000	103.980	5049.250	103.980	5049.260
GR	103.980	5052.750	103.980	5052.760	104.510	5060.000	105.110	5070.000	105.140	5074.500
GR	108.490	5084.750	112.000	5095.500	116.000	5170.500	120.000	5190.500	124.000	5205.500
GR	136.000	5250.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.170	.170	.047	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	6.410	.000	.000
X1	47989.000	23.000	5000.000	5079.010	1270.400	1840.400	1656.000	.000	.450	.000
GR	136.000	4775.000	132.000	4795.000	128.000	4835.000	124.000	4905.000	120.000	4950.000
GR	116.040	5000.000	111.200	5001.500	110.670	5008.000	107.830	5020.000	107.970	5045.000
GR	106.590	5051.630	106.590	5051.640	106.590	5053.370	106.590	5053.380	108.290	5060.000
GR	110.670	5071.000	111.609	5077.500	115.960	5079.010	120.000	5209.000	124.000	5239.000
GR	128.000	5264.000	132.000	5434.000	136.000	5441.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	48292.000	33.000	5000.000	5079.010	303.000	303.000	303.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	116.040	115.960	.000
GR	140.000	4755.000	132.000	4795.000	128.000	4835.000	124.000	4905.000	120.000	4950.000
GR	116.040	5000.000	114.360	5000.010	114.360	5001.490	111.200	5001.500	110.670	5008.000
GR	107.830	5020.000	108.070	5025.630	108.070	5025.640	108.070	5027.370	108.070	5027.380
GR	109.020	5033.000	107.970	5045.000	106.590	5051.630	106.590	5051.640	106.590	5053.370
GR	106.590	5053.380	108.290	5060.000	110.670	5071.000	111.600	5077.500	114.280	5077.510
GR	114.280	5079.000	115.960	5079.010	117.970	5144.010	120.000	5209.000	124.000	5239.000
GR	128.000	5264.000	132.000	5434.000	140.000	5451.000	.000	.000	.000	.000
NC	.000	.000	.045	.000	.000	.000	.000	.000	.000	.000
X1	48293.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-32.000	4755.000	140.000	143.000	4795.000	132.000	132.000	4835.000	128.000	128.000
BT	.000	4905.000	124.000	124.000	4950.000	120.000	120.000	5000.000	116.040	116.040
BT	.000	5000.010	116.760	114.360	5001.490	116.360	114.360	5001.500	116.760	114.360
BT	.000	5008.000	116.760	114.350	5020.000	116.770	114.340	5025.630	116.770	114.330
BT	.000	5025.640	116.770	108.070	5027.370	116.770	108.070	5027.380	116.770	114.330
BT	.000	5033.000	116.760	114.350	5045.000	116.750	114.310	5051.630	116.740	114.310
BT	.000	5051.640	116.740	106.590	5053.370	116.740	106.590	5053.380	116.740	114.280
BT	.000	5060.000	116.720	114.300	5071.000	116.690	114.290	5077.500	115.960	115.960
BT	.000	5077.510	116.670	114.280	5079.000	116.670	114.280	5079.010	115.960	115.960
BT	.000	5209.000	120.000	120.000	5239.000	124.000	124.000	5264.000	128.000	128.000

BT	.000	5434.000	132.000	132.000	5451.000	140.000	140.000	.000	.000	.000
X1	48307.000	.000	.000	.000	14.000	14.000	14.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NC	.000	.000	.047	.000	.000	.000	.000	.000	.000	.000
X1	48308.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48383.000	23.000	5000.000	5079.010	75.000	75.000	75.000	.000	.230	.000
GR	149.000	4755.000	132.000	4795.000	128.000	4835.000	128.000	4905.000	129.000	4950.000
GR	116.040	5000.000	111.200	5001.500	110.670	5008.000	107.830	5020.000	107.970	5045.000
GR	106.590	5051.630	106.590	5051.640	106.590	5053.370	106.590	5053.380	108.290	5060.000
GR	110.670	5071.000	111.600	5077.500	115.960	5079.010	120.000	5209.000	124.000	5239.000
GR	126.000	5264.000	132.000	5434.000	140.000	5451.000	.000	.000	.000	.000
NC	.150	.180	.048	.100	.300	.000	.000	.000	.000	.000
X1	50229.000	28.000	4992.000	5098.000	2081.000	1306.000	1846.000	.000	.850	.000
GR	144.000	4352.000	140.000	4560.000	136.000	4570.000	132.000	4580.000	128.000	4680.000
GR	124.000	4870.000	121.620	4992.000	119.630	5000.000	115.410	5017.000	115.310	5025.000
GR	115.310	5025.010	115.310	5027.000	115.310	5027.019	114.330	5040.000	112.940	5051.000
GR	112.940	5051.010	112.940	5053.000	112.940	5053.010	112.680	5060.000	113.660	5070.000
GR	113.410	5077.000	121.940	5098.000	124.000	5158.000	128.000	5178.000	132.000	5188.000
GR	136.000	5190.000	140.000	5192.000	144.000	5202.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	50532.000	33.000	4992.000	5098.000	303.000	303.000	303.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X4	2.000	124.000	4870.000	124.000	5158.000	.000	.000	.000	.000	.000
GR	144.000	4552.000	140.000	4560.000	136.000	4570.000	132.000	4580.000	128.000	4680.000
GR	121.620	4992.000	118.800	4999.990	118.800	5000.000	118.450	5001.000	118.450	5001.010
GR	117.210	5014.000	115.410	5017.000	115.310	5025.000	115.310	5025.010	115.310	5027.000
GR	115.310	5027.010	114.330	5040.000	112.940	5051.000	112.940	5051.010	112.940	5053.000
GR	112.940	5053.010	112.680	5060.000	113.660	5070.000	113.410	5077.000	115.500	5077.010
GR	115.810	5078.000	115.810	5078.010	121.940	5098.000	128.000	5178.000	132.000	5188.000
GR	136.000	5190.000	140.000	5192.000	144.000	5202.000	.000	.000	.000	.000
NC	.000	.000	.046	.000	.000	.000	.000	.000	.000	.000
X1	50533.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	.33.000	4552.000	144.000	144.000	4560.000	140.000	140.000	4570.000	136.000	4680.000
BT	.000	4580.000	132.000	132.000	4680.000	128.000	128.000	4992.000	121.620	5025.000
BT	.000	4999.990	121.300	118.800	5000.000	121.980	118.800	5001.000	121.980	5025.000
BT	.000	5001.010	121.980	119.630	5014.000	122.040	119.510	5017.000	122.060	5025.000
BT	.000	5025.000	122.100	119.400	5025.010	122.100	115.310	5027.000	122.090	5025.000
BT	.000	5027.010	122.090	119.400	5040.000	122.000	119.300	5051.000	121.930	5025.000
BT	.000	5051.010	121.930	112.940	5053.000	121.920	112.940	5053.010	121.920	5025.000
BT	.000	5060.000	121.920	119.330	5070.000	121.930	119.480	5077.000	121.930	5025.000
BT	.000	5077.010	121.930	115.500	5078.000	121.930	115.810	5078.010	121.260	5025.000
BT	.000	5098.000	121.940	121.940	5178.000	128.000	128.000	5188.000	132.000	5025.000
BT	.000	5190.000	136.000	136.000	5192.000	140.000	140.000	5202.000	144.000	5025.000

THIS RUN EXECUTED 02-24-86 06:46:02

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: JR:HEC ENG: SKE EA: KMC & EKL & DLY COMM 2320
 T3 JOHNS RIVER DATE: 2/23/86 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	8.	0.	0.	.000000	.00	.0	0.	110.670	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

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

THIS RUN EXECUTED 02-24-86 06:47:13

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

NOTE: * LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

JOHNS RIVER

SUMMARY PRINTOUT TABLE 110

SECNO	CVSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
38705.000	109.82	.00	110.91	396.85	2438.01	16285.78	454.22	.00	.00	5200.00	5307.50	.00
38705.000	110.67	.85	111.73	250.00	2186.72	16711.72	279.56	250.00	5075.00	5200.00	5307.50	5325.00
40466.000	113.38	.00	114.15	304.71	310.87	18026.26	840.88	.00	.00	4985.00	5127.00	.00
40466.000	114.10	.72	114.89	175.00	.00	18679.62	498.38	175.00	4985.00	4985.00	5127.00	5160.00
40819.000	113.82	.00	115.13	302.42	723.67	16918.97	1535.36	.00	.00	5000.00	5090.51	.00
40819.000	114.51	.69	115.91	175.00	241.69	17723.56	1212.75	175.00	4985.00	5000.00	5090.51	5160.00
40820.000	114.03	.00	115.19	305.99	1538.20	14386.31	3253.49	.00	.00	5000.00	5090.51	.00
40820.000	114.47	.44	115.96	175.00	525.99	16016.61	2635.40	175.00	4985.00	5000.00	5090.51	5160.00
40840.000	114.34	.00	115.43	311.42	1583.59	14262.50	3331.90	.00	.00	5000.00	5090.51	.00
40840.000	114.81	.48	116.24	175.00	528.75	15966.69	2682.56	175.00	4985.00	5000.00	5090.51	5160.00
40841.000	114.27	.00	115.50	310.20	751.66	16842.89	1583.45	.00	.00	5000.00	5090.51	.00
40841.000	114.92	.65	116.26	175.00	240.70	17711.59	1225.71	175.00	4985.00	5000.00	5090.51	5160.00
40929.000	115.13	.00	115.81	321.80	359.36	17912.96	905.68	.00	.00	4985.00	5127.00	.00
40929.000	115.89	.76	116.60	175.00	.00	18668.91	509.09	175.00	4985.00	4985.00	5127.00	5160.00
42623.000	117.69	.00	119.18	323.38	1184.95	16441.30	1551.75	.00	.00	4980.00	5064.00	.00
42623.000	118.38	.69	119.88	220.00	816.33	16908.73	1452.93	220.00	4940.00	4980.00	5064.00	5160.00
42812.000	118.04	.00	120.14	322.88	2502.13	14133.63	2542.24	.00	.00	5000.00	5054.01	.00
42812.000	118.65	.61	120.85	220.00	2068.76	14661.04	2448.20	220.00	4940.00	5000.00	5054.01	5160.00
42813.000	119.38	.00	120.45	334.51	4062.41	10800.82	4314.77	.00	.00	5000.00	5054.01	.00
42813.000	119.87	.50	121.14	220.00	3489.28	11621.27	4067.45	220.00	4940.00	5000.00	5054.01	5160.00
42837.000	119.63	.00	120.65	336.80	4091.15	10707.76	4379.09	.00	.00	5000.00	5054.01	.00
42837.000	120.13	.50	121.35	220.00	3503.05	11566.17	4108.78	220.00	4940.00	5000.00	5054.01	5160.00

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
42838.000	119.32	.00	120.98	334.08	2704.90	13604.45	2868.66	.00	.00	5000.00	5054.01	.00
42838.000	119.83	.50	121.67	220.00	2164.58	14347.50	2665.93	220.00	4940.00	5000.00	5054.01	5160.00
42885.000	120.16	.00	121.25	340.37	1393.70	15872.63	1911.67	.00	.00	4980.00	5064.00	.00
42885.000	120.80	.65	121.52	220.00	887.50	16610.94	1679.56	220.00	4940.00	4980.00	5064.00	5160.00
44354.000	122.84	.00	123.83	415.50	1537.35	15266.56	2374.09	.00	.00	4985.00	5073.00	.00
44354.000	123.45	.62	124.55	240.00	1166.53	16073.02	1938.45	240.00	4905.00	4985.00	5073.00	5145.00
44537.000	123.16	.00	124.17	415.24	1528.42	15280.18	2369.40	.00	.00	4985.00	5073.00	.00
44537.000	123.78	.62	124.88	240.00	1162.65	16079.06	1936.29	240.00	4905.00	4985.00	5073.00	5145.00
44538.000	123.25	.00	124.19	415.80	2183.52	13637.13	3357.35	.00	.00	4985.00	5073.00	.00
44538.000	123.78	.53	124.88	240.00	1718.99	14683.03	2775.99	240.00	4905.00	4985.00	5073.00	5145.00
44562.000	123.35	.00	124.28	416.47	2209.83	13603.25	3364.92	.00	.00	4985.00	5073.00	.00
44562.000	123.89	.53	124.97	240.00	1730.55	14670.25	2777.20	240.00	4905.00	4985.00	5073.00	5145.00
44563.000	123.33	.00	124.31	416.30	1562.32	15231.10	2384.58	.00	.00	4985.00	5073.00	.00
44563.000	123.89	.56	124.97	240.00	1172.17	16065.75	1940.09	240.00	4905.00	4985.00	5073.00	5145.00
44608.000	123.40	.00	124.39	416.14	1557.69	15237.12	2383.19	.00	.00	4985.00	5073.00	.00
44608.000	123.97	.56	125.06	240.00	1170.53	16067.43	1940.04	240.00	4905.00	4985.00	5073.00	5145.00
45985.000	125.59	.00	126.44	363.10	639.36	16921.85	1616.80	.00	.00	4990.00	5095.50	.00
45985.000	126.20	.61	127.10	195.00	222.32	17602.41	1353.27	195.00	4975.00	4990.00	5095.50	5170.00
46252.000	125.93	.00	126.81	361.18	629.82	16925.42	1622.76	.00	.00	4990.00	5095.50	.00
46252.000	126.54	.61	127.47	195.00	223.57	17592.33	1362.10	195.00	4975.00	4990.00	5095.50	5170.00
46253.000	126.01	.00	126.83	362.21	1190.39	14951.31	3036.30	.00	.00	4990.00	5095.50	.00
46253.000	126.52	.52	127.48	195.00	492.82	16081.54	2603.64	195.00	4975.00	4990.00	5095.50	5170.00
46266.000	126.08	.00	126.89	363.21	1205.55	14927.20	3045.26	.00	.00	4990.00	5095.50	.00
46266.000	126.60	.52	127.55	195.00	494.55	16074.19	2609.26	195.00	4975.00	4990.00	5095.50	5170.00
46267.000	126.06	.00	126.92	362.80	645.42	16897.13	1635.45	.00	.00	4990.00	5095.50	.00
46267.000	126.64	.58	127.56	195.00	224.69	17585.29	1368.02	195.00	4975.00	4990.00	5095.50	5170.00
46333.000	126.15	.00	127.01	362.09	630.24	16938.41	1609.35	.00	.00	4990.00	5095.50	.00
46333.000	126.74	.59	127.65	195.00	221.27	17609.01	1347.72	195.00	4975.00	4990.00	5095.50	5170.00
47989.000	128.57	.00	129.59	482.74	1585.56	14634.05	2958.39	.00	.00	5000.00	5079.01	.00
47989.000	129.13	.55	130.25	261.08	1144.78	15390.60	2642.62	.06	4943.34	5000.00	5079.01	5204.42
48292.000	129.16	.00	130.14	489.70	1648.86	14456.77	3072.36	.00	.00	5000.00	5079.01	.00
48292.000	129.72	.56	130.80	263.98	1212.90	15201.61	2763.49	.06	4940.63	5000.00	5079.01	5204.61
48293.000	129.34	.00	130.19	499.45	3367.30	12425.20	3385.49	.00	.00	5000.00	5079.01	.00
48293.000	129.70	.35	130.83	255.62	2435.62	13921.43	2820.95	.13	4945.63	5000.00	5079.01	5201.25

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
48307.000	129.47	.00	130.29	505.99	3400.46	12369.03	3408.51	.00	.00	5000.00	5079.01	.00
48307.000	129.85	.39	130.95	257.70	2474.72	13861.56	2841.73	.13	4944.31	5000.00	5079.01	5202.01
48308.000	129.41	.00	130.35	502.97	1693.03	14365.30	3119.67	.00	.00	5000.00	5079.01	.00
48308.000	129.94	.53	130.98	269.38	1265.62	15101.43	2810.96	.06	4937.14	5000.00	5079.01	5206.52
48383.000	129.52	.00	130.49	496.53	1630.99	14539.31	3007.70	.00	.00	5000.00	5079.01	.00
48383.000	130.05	.53	131.12	266.25	1195.56	15289.33	2693.11	.06	4940.00	5000.00	5079.01	5206.25
50229.000	132.55	.00	133.16	612.21	4362.22	13750.98	1064.80	.00	.00	4992.00	5098.00	.00
50229.000	133.15	.60	133.82	408.61	4194.62	14533.01	450.37	.07	4721.16	4992.00	5098.00	5129.76
50532.000	132.94	.00	133.61	610.82	4280.53	13836.88	1060.59	.00	.00	4992.00	5098.00	.00
50532.000	133.53	.59	134.28	395.32	4102.23	14658.08	417.69	.07	4731.86	4992.00	5098.00	5127.18
50533.000	132.84	.00	133.72	610.52	4658.19	13403.33	1116.48	.00	.00	4992.00	5098.00	.00
50533.000	133.31	.47	134.51	307.89	3966.47	15211.52	.00	.22	4790.11	4992.00	5098.00	5098.00
50547.000	132.97	.00	133.83	610.92	4713.49	13341.79	1122.72	.00	.00	4992.00	5098.00	.00
50547.000	133.48	.51	134.64	310.44	4024.67	15153.33	.00	.22	4787.57	4992.00	5098.00	5098.00
50548.000	133.27	.00	133.90	611.82	4404.38	13694.12	1079.50	.00	.00	4992.00	5098.00	.00
50548.000	134.13	.86	134.79	406.09	4302.60	14418.21	457.20	.07	4723.39	4992.00	5098.00	5129.48
50623.000	133.37	.00	134.01	611.56	4283.80	13841.42	1052.79	.00	.00	4992.00	5098.00	.00
50623.000	134.22	.85	134.90	400.27	4171.18	14587.15	419.67	.07	4727.40	4992.00	5098.00	5127.67
52854.000	137.39	.00	138.41	834.54	442.02	10935.36	7800.62	.00	.00	4999.99	5056.00	.00
52854.000	138.34	.95	139.21	636.07	.00	10714.72	8463.28	.10	4999.99	4999.99	5056.00	5635.06
53008.000	137.93	.00	138.85	837.64	442.82	10790.53	7944.65	.00	.00	4999.99	5056.01	.00
53008.000	138.88	.95	139.67	643.86	.00	10549.16	8628.84	.09	4999.99	4999.99	5056.01	5643.85
53009.000	138.68	.00	139.03	847.86	620.04	6902.63	11655.33	.00	.00	4999.99	5056.01	.00
53009.000	139.48	.80	139.81	679.21	.00	6921.88	12256.12	.10	4999.99	4999.99	5056.01	5679.20
53021.000	138.73	.00	139.08	848.49	620.00	6873.97	11684.03	.00	.00	4999.99	5056.01	.00
53021.000	139.53	.79	139.86	678.84	.00	6906.33	12271.67	.11	4999.99	4999.99	5056.01	5678.83
53022.000	138.53	.00	139.29	845.78	451.57	10311.27	8415.16	.00	.00	4999.99	5056.01	.00
53022.000	139.36	.84	140.03	659.04	.00	10096.39	9081.61	.09	4999.99	4999.99	5056.01	5659.03
53060.000	138.60	.00	139.38	845.04	453.19	10305.67	8419.15	.00	.00	4999.99	5056.00	.00
53060.000	139.44	.84	140.13	657.28	.00	10081.23	9096.77	.09	4999.99	4999.99	5056.00	5657.27
56325.000	145.85	.00	146.83	523.39	2457.83	16454.95	265.22	.00	.00	5385.00	5520.00	.00
56325.000	146.77	.93	147.82	243.95	1692.55	17485.45	.00	.08	5276.05	5385.00	5520.00	5520.00
56845.000	147.12	.00	147.93	659.86	4134.00	12482.76	2561.24	.00	.00	4990.00	5070.00	.00
56845.000	148.02	.90	148.86	395.00	4114.10	13062.46	2001.44	395.00	4765.00	4990.00	5070.00	5160.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
57068.000	147.68	.00	148.40	672.04	4572.32	11847.13	2758.54	.00	.00	4990.00	5070.00	.00
57068.000	148.52	.85	149.30	395.00	4488.48	12531.62	2157.90	395.00	4765.00	4990.00	5070.00	5160.00
57069.000	147.79	.00	148.43	677.18	6416.69	10254.57	2506.74	.00	.00	4990.00	5070.00	.00
57069.000	148.60	.81	149.32	395.00	6112.33	11042.76	2022.90	395.00	4765.00	4990.00	5070.00	5160.00
57082.000	147.90	.00	148.52	682.34	6490.75	10186.26	2500.99	.00	.00	4990.00	5070.00	.00
57082.000	148.70	.80	149.41	395.00	6146.92	11010.22	2020.86	395.00	4765.00	4990.00	5070.00	5160.00
57083.000	147.92	.00	148.52	682.94	4307.96	11213.02	3657.02	.00	.00	4990.00	5070.00	.00
57083.000	148.73	.82	149.42	395.00	4228.79	12056.39	2892.82	395.00	4765.00	4990.00	5070.00	5160.00
57138.000	147.98	.00	148.64	677.43	3977.71	11784.15	3416.14	.00	.00	4990.00	5070.00	.00
57138.000	148.80	.82	149.53	395.00	3910.33	12574.04	2693.63	395.00	4765.00	4990.00	5070.00	5160.00

FLOODWAY DATA, JOHNS RIVER
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
38705.000	250.	3326.	5.8	110.6	109.8	.8
40466.000	175.	2959.	6.5	114.1	113.4	.7
40819.000	175.	2642.	7.3	114.5	113.8	.7
40820.000	175.	2354.	8.1	114.4	114.0	.4
40840.000	175.	2415.	7.9	114.8	114.3	.5
40841.000	175.	2714.	7.1	115.0	114.3	.7
40929.000	175.	3137.	6.1	115.9	115.1	.8
42623.000	220.	2954.	6.5	118.4	117.7	.7
42812.000	220.	2843.	6.7	118.6	118.0	.6
42813.000	220.	3005.	6.4	119.9	119.4	.5
42837.000	220.	3062.	6.3	120.1	119.6	.5
42838.000	220.	3102.	6.2	119.8	119.3	.5
42885.000	220.	3374.	5.7	120.8	120.2	.6
44354.000	240.	3569.	5.4	123.4	122.8	.6
44537.000	240.	3559.	5.4	123.8	123.2	.6
44538.000	240.	3347.	5.7	123.7	123.2	.5
44562.000	240.	3373.	5.7	123.9	123.4	.5
44563.000	240.	3587.	5.3	123.9	123.3	.6
44608.000	240.	3581.	5.4	124.0	123.4	.6
45985.000	195.	3338.	5.7	126.2	125.6	.6
46252.000	195.	3292.	5.8	126.5	125.9	.6
46253.000	195.	3002.	6.4	126.5	126.0	.5
46266.000	195.	3018.	6.4	126.6	126.1	.5
46267.000	195.	3313.	5.8	126.7	126.1	.6
46333.000	195.	3318.	5.8	126.8	126.2	.6
47989.000	261.	3733.	5.1	129.2	128.6	.6
48292.000	264.	3784.	5.1	129.8	129.2	.6
48293.000	256.	3484.	5.5	129.7	129.3	.4
48307.000	258.	3543.	5.4	129.9	129.5	.4
48308.000	269.	3892.	4.9	129.9	129.4	.5
48383.000	266.	3847.	5.0	130.0	129.5	.5
50229.000	409.	4917.	3.9	133.2	132.6	.6
50532.000	395.	4611.	4.2	133.5	132.9	.6
50533.000	308.	3504.	5.5	133.3	132.8	.5
50547.000	310.	3577.	5.4	133.5	133.0	.5
50548.000	406.	4934.	3.9	134.2	133.3	.9
50623.000	400.	4873.	3.9	134.3	133.4	.9
52854.000	636.	5109.	3.8	138.3	137.4	.9
53008.000	644.	5325.	3.6	138.8	137.9	.9
53009.000	679.	5825.	3.3	139.5	138.7	.8
53021.000	679.	5845.	3.3	139.5	138.7	.8
53022.000	659.	5746.	3.3	139.3	138.5	.8

FLOODWAY DATA, JOHNS RIVER
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
53060.000	657.	5686.	3.4	139.4	138.6	.8
56325.000	244.	2850.	6.7	146.7	145.8	.9
56845.000	395.	4539.	4.2	148.0	147.1	.9
57068.000	395.	4573.	4.2	148.5	147.7	.8
57069.000	395.	4418.	4.3	148.6	147.8	.8
57082.000	395.	4454.	4.3	148.7	147.9	.8
57083.000	395.	4656.	4.1	148.7	147.9	.8
57138.000	395.	4653.	4.1	148.8	148.0	.8