A01

THIS RUN EXECUTED 02/14/81 9:53:58

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**********************************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
  ERROR CORR -  01,02,03
  MODIFICATION -  50,51,52,53,54
**********************************************************************
T1      YANCEY COUNTY NC FEMA STUDY          SCB 10/1/80 CANEF1                    5
T2      100 YEAR FLOOD                       JCL GD HCDQ113                        10
T3      CANE RIVER                           100 YR FLOODWAY                       15
J1  ICHECK     INQ    NINV    IDIR    STRT  METRIC   HVINS     Q      WSEL     FQ
         0.      4.      0.      0. 0.00379      0.     0.0      0.     0.0     0.0      20
J2  NPROF   IPLOT   PRFVS   XSECV   XSECH      FN   ALLDC     IBW  CHNIM ITRACE
         0.      0.     -1.      0.      0.     0.0     0.0      0.      0.      0.      25
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
     110.00    0.0  200.00     0.0     0.0     0.0     0.0     0.0     0.0     0.0      30
QT        5.  14460.  31420.  42490.  81555.  42490.      0.      0.      0.      0.      35
NC   0.080   0.080   0.030     0.1     0.5                                              40
ET        0.    0.0     0.0     0.0     0.0    7.11  125.00  425.00     0.0     0.0      45

X1     0.02      18.     300.     423.      0.      0.      0.     0.0     0.0      0.      50
GR  2050.0       0.  2045.2       6.  2044.9      30.  2044.4      44.  2035.2     68.      55
GR  2035.1     100.  2036.0     200.  2030.9     300.  2025.5     351.  2026.1    368.      60
GR  2025.1     382.  2022.9     390.  2023.8     400.  2026.4     420.  2032.5    423.      65
GR  2041.0     427.  2047.2     464.  2047.5     500.     0.0       0.     0.0      0.      70
QT        5.  14455.  31405.  42470.  81520.  42470.      0.      0.      0.      0.      75
NC   0.080   0.080   0.030     0.0     0.8                                              80
ET        0.    0.0     0.0     0.0     0.0    7.11   50.00  260.00     0.0     0.0      85

X1     0.27      27.      67.     258.    1400.    1400.    1400.     0.0     0.0      0.      90
BT      4.0    67.0  2050.0      0.0    67.0  2050.0  2047.2   258.0  2053.9  2051.1      95
BT    258.0  2053.9       0.      0.0     0.0     0.0     0.0     0.0     0.0     0.0     100
GR  2055.5      27.  2049.4      40.  2050.0      67.  2047.3      67.  2045.6     67.     105
GR  2032.5      95.  2030.7     136.  2029.5     145.  2048.8     145.  2048.9    148.     110
GR  2029.3     148.  2028.0     175.  2027.0     185.  2027.0     196.  2028.0    205.     115
GR  2030.7     213.  2050.2     213.  2050.3     216.  2031.0     216.  2036.0    227.     120
GR  2047.0     240.  2048.7     252.  2051.1     258.  2053.9     258.  2054.0    265.     125
GR  2055.0     292.  2066.5     324.     0.0       0.     0.0       0.     0.0      0.     130
NC   0.070   0.070   0.030     0.0     0.5                                              135
ET        0.    0.0     0.0     0.0     0.0    7.11   50.00  260.00     0.0     0.0     140

X1     0.27       0.      0.      0.     34.     34.     34.     0.0     0.0      0.     145
X2        0.    0.0       0.    0.0     0.0     0.0      1.     0.0     0.0      0.     150
QT        5.  14435.  31365.  42415.  81425.  42415.      0.      0.      0.      0.     155
NC   0.070   0.070   0.030     0.0     0.8                                              160
ET        0.    0.0     0.0     0.0     0.0    7.11   75.00  255.00     0.0     0.0     165
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B01

ET	0.	0.0	0.0	0.0							

B01

X1	0.97	16.	145.	250.	3575.	3575.	3575.	0.0	0.0	0.	170
GR	2068.0	0.	2058.0	20.	2056.0	26.	2053.8	91.	2048.9	125.	175
GR	2046.9	145.	2042.5	156.	2038.6	170.	2037.8	184.	2038.1	205.	180
GR	2039.7	224.	2046.9	237.	2054.1	250.	2054.7	255.	2054.7	275.	185
GR	2080.0	300.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	190
QT	5.	14415.	31335.	42370.	81340.	42370.	0.	0.	0.	0.	195
NC	0.080	0.070	0.025	0.0	0.5						200
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	300.00	0.0	0.0	205
X1	1.55	19.	136.	285.	3170.	3170.	3170.	0.0	0.0	0.	210
GR	2080.0	0.	2070.0	11.	2064.0	21.	2064.2	52.	2059.0	61.	215
GR	2056.8	96.	2058.0	136.	2051.6	161.	2050.2	193.	2049.8	214.	220
GR	2050.2	236.	2049.0	263.	2051.6	271.	2060.8	285.	2064.0	301.	225
GR	2071.2	308.	2072.5	315.	2073.2	333.	2080.0	400.	0.0	0.	230
QT	5.	14405.	31310.	42335.	81280.	42335.	0.	0.	0.	0.	235
NC	0.100	0.080	0.040	0.0	0.0						240
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	425.00	0.0	0.0	245
X1	2.00	20.	127.	292.	2350.	2350.	2350.	0.0	0.0	0.	250
GR	2085.0	-6.	2067.4	37.	2065.9	83.	2065.8	127.	2059.3	149.	255
GR	2058.2	162.	2058.3	190.	2058.1	220.	2057.3	249.	2057.0	266.	260
GR	2059.2	283.	2066.9	292.	2066.4	350.	2065.4	418.	2076.8	523.	265
GR	2077.4	530.	2077.0	549.	2076.4	551.	2079.9	555.	2085.0	720.	270
QT	5.	14380.	31270.	42280.	81170.	42280.	0.	0.	0.	0.	275
NC	0.130	0.110	0.055	0.0	0.8						280
ET	0.	0.0	0.0	0.0	0.0	7.11	25.00	205.00	0.0	0.0	285
X1	2.75	16.	27.	191.	4000.	4000.	4000.	0.0	0.0	0.	290
GR	2094.5	0.	2079.7	27.	2078.0	34.	2072.5	50.	2067.9	60.	295
GR	2069.8	95.	2070.0	110.	2071.2	128.	2072.5	136.	2079.2	160.	300
GR	2079.3	191.	2085.2	196.	2086.5	204.	2083.3	221.	2086.0	228.	305
GR	2100.0	250.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	310
QT	5.	14360.	31225.	42220.	81065.	42220.	0.	0.	0.	0.	315
NC	0.120	0.100	0.045	0.0	0.5						320
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	250.00	0.0	0.0	325
X1	3.52	28.	51.	210.	4100.	4100.	4100.	0.0	0.0	0.	330
BT	4.0	51.0	2111.7	0.0	51.0	2111.7	2110.5	210.0	2111.4	2110.0	335
BT	210.0	2111.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340
GR	2111.7	0.	2110.5	51.	2097.5	51.	2095.2	68.	2088.8	88.	345
GR	2107.7	88.	2107.7	90.	2083.9	90.	2089.0	100.	2088.5	115.	350
GR	2088.7	128.	2107.5	128.	2107.5	130.	2088.8	130.	2089.2	145.	355
GR	2090.2	157.	2089.5	168.	2107.5	168.	2107.5	170.	2089.2	170.	360
GR	2087.4	183.	2089.3	193.	2091.5	200.	2091.7	205.	2093.0	210.	365
GR	2110.0	210.	2110.8	324.	2120.0	415.	0.0	0.	0.0	0.	370
NC	0.070	0.070	0.030	0.0	0.0						375
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	250.00	0.0	0.0	380
X1	3.52	0.	0.	0.	23.	23.	23.	0.0	0.0	0.	385
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	390
QT	5.	13930.	30275.	40935.	78600.	40935.	0.	0.	0.	0.	395
NC	0.090	0.090	0.030	0.0	0.0						400
ET	0.	0.0	0.0	0.0	0.0	7.11	200.00	500.00	0.0	0.0	405

C01

NC	0.090	0.090	0.030	0.0	0.0						
ET	0.	0.0	0.0	0.0	0.0	7.11	200.00	500.00	0.0	0.0	480

C01

X1	4.22	19.	227.	454.	3665.	3665.	3665.	0.0	0.0	0.	410
GR	2130.0	0.	2125.0	4.	2125.6	16.	2117.8	45.	2118.1	194.	415
GR	2115.0	227.	2106.0	241.	2103.9	245.	2104.6	265.	2106.6	295.	420
GR	2107.5	325.	2111.4	413.	2114.5	426.	2116.0	454.	2116.9	457.	425
GR	2116.8	477.	2115.8	487.	2119.5	495.	2130.0	915.	0.0	0.	430
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	350.00	0.0	0.0	435
X1	5.00	35.	111.	311.	4100.	4100.	4100.	0.0	-3.00	0.	440
GR	2146.5	0.	2145.0	5.	2140.4	87.	2140.2	87.	2140.7	111.	445
GR	2138.0	111.	2137.8	127.	2126.9	145.	2125.5	173.	2123.8	180.	450
GR	2124.0	190.	2139.0	190.	2139.0	193.	2125.1	193.	2123.6	207.	455
GR	2122.5	220.	2121.8	233.	2123.6	242.	2124.5	260.	2125.5	267.	460
GR	2139.3	267.	2139.3	270.	2125.7	270.	2128.0	283.	2137.8	296.	465
GR	2139.4	311.	2143.1	311.	2142.3	320.	2140.5	320.	2140.3	329.	470
GR	2141.0	355.	2143.0	390.	2148.0	450.	2149.6	475.	2154.2	527.	475
QT	5.	13845.	30090.	40690.	48125.	40690.	0.	0.	0.	0.	480
NC	0.080	0.080	0.030	0.0	0.0						485
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	350.00	0.0	0.0	490
X1	5.14	35.	111.	311.	730.	730.	730.	0.0	0.0	0.	495
BT	4.0	111.0	2143.1	0.0	111.0	2143.1	2138.7	311.0	2143.1	2139.4	500
BT	311.0	2143.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	505
GR	2146.5	0.	2145.0	5.	2140.4	87.	2140.2	87.	2140.7	111.	510
GR	2138.0	111.	2137.8	127.	2126.9	145.	2125.5	173.	2123.8	180.	515
GR	2124.0	190.	2139.0	190.	2139.0	193.	2125.1	193.	2123.6	207.	520
GR	2122.5	220.	2121.8	233.	2123.6	242.	2124.5	260.	2125.5	267.	525
GR	2139.3	267.	2139.3	270.	2125.7	270.	2128.0	283.	2137.8	296.	530
GR	2139.4	311.	2143.1	311.	2142.3	320.	2140.5	320.	2140.3	329.	535
GR	2141.0	355.	2143.0	390.	2148.0	450.	2149.6	475.	2154.2	527.	540
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	350.00	0.0	0.0	545
X1	5.14	0.	0.	0.	31.	31.	31.	0.0	0.0	0.	550
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	555
QT	5.	13765.	29925.	40460.	77690.	40460.	0.	0.	0.	0.	560
NC	0.150	0.120	0.030	0.0	0.0						565
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	210.00	0.0	0.0	570
X1	5.98	13.	70.	205.	4570.	4570.	4570.	0.0	0.0	0.	575
GR	2175.0	0.	2170.4	25.	2159.2	70.	2149.3	135.	2147.5	151.	580
GR	2144.9	177.	2148.6	180.	2152.0	187.	2166.0	205.	2166.9	210.	585
GR	2167.7	230.	2167.1	234.	2175.0	241.	0.0	0.	0.0	0.	590
QT	5.	13710.	29800.	40295.	77370.	40295.	0.	0.	0.	0.	595
NC	0.150	0.130	0.050	0.0	0.8						600
ET	0.	0.0	0.0	0.0	0.0	7.11	70.00	240.00	0.0	0.0	605
X1	6.60	16.	73.	235.	3150.	3150.	3150.	0.0	0.0	0.	610
GR	2194.2	0.	2191.5	9.	2183.6	73.	2175.6	87.	2174.3	103.	615
GR	2170.6	110.	2167.5	141.	2167.0	150.	2164.2	194.	2165.5	204.	620
GR	2168.5	211.	2183.5	235.	2188.0	243.	2189.2	250.	2189.6	270.	625
GR	2200.0	350.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	630
QT	5.	13680.	29735.	40205.	77195.	40205.	0.	0.	0.	0.	635
NC	0.150	0.130	0.040	0.0	0.8						640
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	275.00	0.0	0.0	645

D01

NC	0.150	0.150	0.040	[illegible]	[illegible]						
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	275.00	0.0	0.0	[illegible]

D01

X1	6.93	32.	64.	242.	1700.	1700.	1700.	0.0	0.0	0.	650
BT	4.0	64.0	2194.5	0.0	64.0	2194.5	2190.0	242.0	2193.6	2189.5	655
BT	242.0	2193.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	660
GR	2210.0	0.	2192.3	0.	2191.7	58.	2194.2	58.	2194.5	64.	665
GR	2188.5	64.	2181.3	87.	2178.0	105.	2189.8	105.	2189.8	103.	670
GR	2177.6	108.	2174.9	126.	2174.0	139.	2174.2	150.	2189.7	150.	675
GR	2189.7	153.	2174.3	153.	2175.5	167.	2175.6	181.	2176.7	190.	680
GR	2177.5	200.	2180.1	227.	2188.2	235.	2187.2	242.	2193.6	242.	685
GR	2193.3	250.	2191.2	250.	2191.5	273.	2192.2	277.	2191.5	301.	690
GR	2194.0	307.	2210.0	518.	0.0	0.	0.0	0.	0.0	0.	695
NC	0.090	0.090	0.035	0.0	0.5						700
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	275.00	0.0	0.0	705

X1	6.93	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	710
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	715
QT	5.	13635.	29645.	40085.	76965.	40085.	0.	0.	0.	0.	720
NC	0.150	0.100	0.030	0.0	0.0						725
ET	0.	0.0	0.0	0.0	0.0	7.11	20.00	220.00	0.0	0.0	730

X1	7.38	19.	30.	177.	2370.	2370.	2370.	0.0	0.0	0.	735
GR	2211.5	0.	2202.9	7.	2194.5	30.	2188.8	43.	2186.7	57.	740
GR	2188.2	107.	2186.6	130.	2187.9	150.	2186.8	163.	2188.0	168.	745
GR	2188.8	171.	2192.0	177.	2194.2	211.	2202.5	226.	2203.4	231.	750
GR	2203.7	250.	2201.4	255.	2209.0	258.	2211.5	262.	0.0	0.	755
QT	5.	13560.	29475.	39855.	76520.	39855.	0.	0.	0.	0.	760
NC	0.150	0.120	0.050	0.0	0.8						765
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	230.00	0.0	0.0	770

X1	8.24	16.	65.	226.	4360.	4360.	4360.	0.0	0.0	0.	775
GR	2237.5	0.	2221.5	65.	2215.5	85.	2213.5	97.	2211.4	115.	780
GR	2210.9	128.	2211.7	145.	2212.3	177.	2213.5	204.	2216.4	218.	785
GR	2221.5	226.	2231.4	242.	2231.8	250.	2232.5	267.	2231.9	269.	790
GR	2239.4	270.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	795
QT	5.	13460.	29260.	39565.	75965.	39565.	0.	0.	0.	0.	800
NC	0.125	0.090	0.045	0.0	0.0						805
ET	0.	0.0	0.0	0.0	0.0	7.11	5.00	155.00	0.0	0.0	810

X1	9.31	16.	6.	151.	5680.	5680.	5680.	0.0	0.0	0.	815
GR	2271.5	-20.	2263.0	6.	2256.4	25.	2247.7	50.	2244.9	65.	820
GR	2244.3	77.	2243.6	92.	2245.0	102.	2248.0	118.	2253.3	138.	825
GR	2263.0	151.	2261.7	173.	2260.7	180.	2263.8	189.	2266.1	227.	830
GR	2275.0	240.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	835
QT	5.	12600.	27585.	37025.	71080.	37025.	0.	0.	0.	0.	840
NC	0.130	0.130	0.045	0.0	0.0						845
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	245.00	0.0	0.0	850

X1	9.98	28.	57.	218.	3570.	3570.	3570.	0.0	0.0	0.	855
BT	4.0	57.0	2287.9	0.0	57.0	2287.9	2283.0	218.0	2285.8	2281.3	860
BT	218.0	2285.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	865
GR	2300.0	0.	2287.9	2.	2288.5	4.	2288.4	25.	2287.4	49.	870
GR	2286.7	51.	2286.6	57.	2281.3	57.	2280.4	78.	2270.9	94.	875
GR	2267.8	105.	2267.6	107.	2282.5	107.	2282.5	110.	2267.5	110.	880
GR	2266.0	127.	2266.5	137.	2266.7	172.	2281.7	172.	2281.7	175.	885

E01

[illegible]	[illegible]	175.	2267.7	179.	2268.2	186.	2279.9	210.	2280.5	218.	890
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.	0.0	0.	895

ED1

GR	2267.3	175.	2267.7	179.	2268.2	186.	2279.9	210.	2280.5	218.	890
GR	2284.6	218.	2284.3	257.	2300.0	294.	0.0	0.	0.0	0.	895
NC	0.070	0.070	0.030	0.0	0.5						900
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	245.00	0.0	0.0	905
X1	9.98	0.	0.	0.	36.	36.	36.	0.0	0.0	0.	910
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	915
QT	5.	12480.	27130.	36680.	70420.	36680.	0.	0.	0.	0.	920
NC	0.110	0.150	0.050	0.0	0.8						925
ET	0.	0.0	0.0	0.0	0.0	7.11	105.00	295.00	0.0	0.0	930
X1	11.23	24.	135.	280.	6465.	6465.	6465.	0.0	0.0	0.	935
BT	4.0	135.0	2337.0	0.0	135.0	2337.0	2331.7	280.0	2340.5	2335.3	940
BT	280.0	2340.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	945
GR	2352.0	40.	2337.7	105.	2335.7	132.	2335.8	135.	2330.5	135.	950
GR	2321.5	153.	2316.0	175.	2332.7	175.	2332.8	178.	2315.5	178.	955
GR	2316.0	195.	2316.0	200.	2314.5	211.	2314.9	220.	2317.5	230.	960
GR	2334.0	230.	2334.1	233.	2318.0	233.	2320.2	249.	2332.6	268.	965
GR	2333.5	280.	2339.5	280.	2339.9	291.	2352.5	318.	0.0	0.	970
NC	0.070	0.070	0.030	0.0	0.0						975
ET	0.	0.0	0.0	0.0	0.0	7.11	105.00	295.00	0.0	0.0	980
X1	11.23	0.	0.	0.	37.	37.	37.	0.0	0.0	0.	985
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	990
QT	5.	12410.	26975.	36465.	70015.	36465.	0.	0.	0.	0.	995
ET	0.	0.0	0.0	0.0	0.0	7.11	105.00	295.00	0.0	0.0	1000
X1	12.00	0.	0.	0.	4100.	4100.	4100.	0.0	30.50	0.	1005
QT	5.	12385.	26920.	36395.	69875.	36395.	0.	0.	0.	0.	1010
NC	0.150	0.120	0.035	0.0	0.8						1015
ET	0.	0.0	0.0	0.0	0.0	7.11	20.00	205.00	0.0	0.0	1020
X1	12.26	13.	29.	199.	1545.	1545.	1545.	0.0	0.0	0.	1025
GR	2374.5	0.	2370.0	7.	2361.0	29.	2349.9	55.	2347.9	80.	1030
GR	2348.3	92.	2348.4	103.	2348.1	123.	2347.5	135.	2349.4	150.	1035
GR	2349.9	160.	2361.0	199.	2381.4	233.	0.0	0.	0.0	0.	1040
QT	5.	12335.	26820.	36260.	69620.	36260.	0.	0.	0.	0.	1045
NC	0.150	0.130	0.050	0.0	0.0						1050
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1055
X1	12.75	18.	40.	163.	2570.	2570.	2570.	0.0	0.0	0.	1060
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1065
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1070
GR	2367.3	140.	2368.5	158.	2370.5	163.	2375.6	193.	2379.0	199.	1075
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1080
NC	0.070	0.070	0.030	0.0	0.0						1085
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1090
X1	12.75	18.	40.	140.	100.	100.	100.	0.0	0.0	0.	1095
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2381.2	2379.0		1100
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1105
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1110
GR	2367.3	140.	2370.0	145.	2375.0	160.	2379.8	165.	2379.5	199.	1115

FD1

GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1120
NC	0.0	0.0	0.040	0.0	0.0						1125
ET	0	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1130

FD1

GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1120
NC	0.0	0.0	0.040	0.0	0.0						1125
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1130
X1	12.75	21.	40.	140.	1.	1.	1.	0.0	0.0	0.	1135
BT	4.0	40.0	2381.7	0.0	40.0	2382.0	2379.4	140.0	2380.5	2378.1	1140
BT	140.0	2380.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1145
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2383.0	28.	2381.7	40.	1150
GR	2374.5	40.	2363.9	65.	2365.3	82.	2364.8	91.	2378.7	91.	1155
GR	2378.6	93.	2364.7	93.	2364.4	101.	2364.5	123.	2366.5	134.	1160
GR	2370.5	140.	2380.1	140.	2379.5	205.	2379.6	210.	2379.7	230.	1165
GR	2400.0	250.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1170
NC	0.0	0.0	0.030	0.0	0.5						1175
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1180
X1	12.75	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	1185
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	1190
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1195
X1	12.75	18.	40.	140.	1.	1.	1.	0.0	0.0	0.	1200
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2381.7	2379.5		1205
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1210
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1215
GR	2367.3	140.	2370.0	145.	2375.0	160.	2379.8	165.	2379.5	199.	1220
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1225
NC	0.110	0.070	0.030	0.0	0.0						1230
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	225.00	0.0	0.0	1235
X1	12.75	18.	40.	163.	25.	25.	25.	0.0	0.0	0.	1240
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1245
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1250
GR	2367.3	140.	2368.5	158.	2370.5	163.	2375.6	193.	2379.0	199.	1255
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1260
QT	5.	12270.	26680.	36070.	69255.	36070.	0.	0.	0.	0.	1265
NC	0.130	0.130	0.045	0.0	0.8						1270
ET	0.	0.0	0.0	0.0	0.0	7.11	190.00	405.00	0.0	0.0	1275
X1	13.44	30.	190.	405.	3670.	3670.	3670.	0.0	0.0	0.	1280
BT	4.0	190.0	2419.0	0.0	190.0	2419.0	2411.0	405.0	2405.0	2399.0	1285
BT	405.0	2405.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1290
GR	2442.5	105.	2419.1	170.	2418.2	190.	2410.3	190.	2410.2	201.	1295
GR	2390.5	231.	2409.5	231.	2409.4	234.	2389.6	234.	2380.5	246.	1300
GR	2380.0	275.	2403.3	275.	2403.2	278.	2379.9	278.	2379.3	294.	1305
GR	2379.1	310.	2379.5	320.	2401.8	320.	2401.7	323.	2379.6	323.	1310
GR	2380.2	331.	2383.0	355.	2391.5	365.	2400.4	365.	2400.3	368.	1315
GR	2391.6	368.	2399.0	405.	2401.6	405.	2401.5	414.	2430.0	453.	1320
NC	0.070	0.070	0.040	0.0	0.5						1325
ET	0.	0.0	0.0	0.0	0.0	7.11	190.00	405.00	0.0	0.0	1330
X1	13.44	0.	0.	0.	35.	35.	35.	0.0	0.0	0.	1335
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	1340
QT	5.	12205.	26540.	35880.	68890.	35880.	0.	0.	0.	0.	1345
NC	0.140	0.150	0.045	0.0	0.8						1350
ET	0.	0.0	0.0	0.0	0.0	7.11	20.00	170.00	0.0	0.0	1355

GD1

X1	14.13	12.	30.	155.	3545.	3545.	3545.	0.0	0.0	0.	1360
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	2399.0	58.	1365

NC	0.140	0.150	[illegible]							
ET	0.	0.0	0.0	0.0	0.0	7.11	20.00	170.00	0.0	[illegible]

GD1

X1	14.13	12.	30.	155.	3545.	3545.	3545.	0.0	0.0	0.	1360
GR	2424.2	0.	2405.5	26.	2402.1	30.	2400.2	45.	2399.0	58.	1365
GR	2396.8	64.	2393.9	86.	2393.9	124.	2396.9	131.	2405.3	155.	1370
GR	2409.7	177.	2429.8	210.	0.0	0.	0.0	0.	0.0	0.	1375
QT	5.	12150.	26420.	35715.	68575.	35715.	0.	0.	0.	0.	1380
NC	0.120	0.150	0.030	0.0	0.0						1385
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	185.00	0.0	0.0	1390
X1	14.73	19.	27.	162.	3200.	3200.	3200.	0.0	0.0	0.	1395
GR	2438.0	0.	2420.5	15.	2411.2	16.	2411.5	27.	2407.0	47.	1400
GR	2405.5	60.	2406.1	80.	2406.1	85.	2406.0	89.	2406.1	104.	1405
GR	2405.2	116.	2405.8	130.	2407.5	143.	2414.2	162.	2413.0	170.	1410
GR	2412.9	183.	2424.0	200.	2424.6	210.	2435.0	237.	0.0	0.	1415
NC	0.070	0.070	0.040	0.0	0.0						1420
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	185.00	0.0	0.0	1425
X1	14.73	13.	16.	162.	60.	60.	60.	0.0	0.0	0.	1430
GR	2438.0	0.	2420.5	15.	2411.9	16.	2409.8	73.	2410.2	110.	1435
GR	2411.3	125.	2411.8	155.	2414.2	162.	2413.0	170.	2412.9	183.	1440
GR	2424.0	200.	2424.6	210.	2435.0	237.	0.0	0.	0.0	0.	1445
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	185.00	0.0	0.0	1450
X1	14.73	0.	0.	0.	15.	15.	15.	0.0	0.0	0.	1455
NC	0.080	0.110	0.030	0.0	0.0						1460
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	185.00	0.0	0.0	1465
X1	14.73	19.	27.	162.	15.	15.	15.	0.0	0.0	0.	1470
GR	2439.8	0.	2422.3	15.	2413.0	16.	2413.3	27.	2408.8	47.	1475
GR	2407.3	60.	2407.9	80.	2407.9	85.	2407.8	89.	2407.9	104.	1480
GR	2407.0	116.	2407.6	130.	2409.3	143.	2416.0	162.	2414.8	170.	1485
GR	2414.7	183.	2425.8	200.	2426.4	210.	2435.0	237.	0.0	0.	1490
QT	5.	12105.	26325.	35585.	68330.	35585.	0.	0.	0.	0.	1495
NC	0.120	0.135	0.045	0.0	0.0						1500
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	195.00	0.0	0.0	1505
X1	15.19	19.	70.	180.	2530.	2530.	2530.	0.0	0.0	0.	1510
GR	2450.0	0.	2436.7	7.	2437.5	11.	2438.4	30.	2437.5	40.	1515
GR	2424.5	70.	2420.4	80.	2419.5	100.	2418.4	120.	2416.8	141.	1520
GR	2416.8	145.	2417.5	150.	2418.2	158.	2420.5	169.	2423.9	180.	1525
GR	2425.6	191.	2425.8	198.	2434.6	212.	2450.0	295.	0.0	0.	1530
QT	5.	12045.	26190.	35400.	67970.	35400.	0.	0.	0.	0.	1535
NC	0.115	0.150	0.030	0.0	0.5						1540
ET	0.	0.0	0.0	0.0	0.0	7.11	150.00	300.00	0.0	0.0	1545
X1	15.87	21.	170.	296.	3500.	3500.	3500.	0.0	0.0	0.	1550
GR	2456.0	-43.	2449.1	50.	2446.6	130.	2442.4	136.	2443.0	140.	1555
GR	2443.7	159.	2443.6	161.	2439.1	170.	2436.8	193.	2431.2	195.	1560
GR	2429.9	200.	2430.0	220.	2429.8	234.	2428.5	256.	2428.5	261.	1565
GR	2431.5	272.	2435.3	282.	2436.4	292.	2439.5	296.	2449.1	321.	1570
GR	2460.0	405.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1575
QT	5.	12010.	26120.	35310.	67800.	35310.	0.	0.	0.	0.	1580
NC	0.100	0.150	0.040	0.0	0.8						1585

H01

[illegible]	[illegible]	0.0	0.0	0.0	0.0	7.11	80.00	350.00	0.0	0.0	1590

NC	0.100	0.150	0.040	0.0	0.8						

H01

ET	0.	0.0	0.0	0.0	0.0	7.11	80.00	350.00	0.0	0.0	1590
X1	16.20	30.	154.	314.	1680.	1680.	1680.	0.0	0.0	0.	1595
BT	4.0	154.0	2453.2	0.0	154.0	2453.2	2449.0	314.0	2457.1	2452.8	1600
BT	314.0	2457.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1605
GR	2465.0	-100.	2454.7	5.	2452.3	71.	2448.9	80.	2450.3	85.	1610
GR	2450.7	90.	2450.5	110.	2450.7	154.	2443.0	154.	2436.4	182.	1615
GR	2435.4	187.	2435.5	192.	2449.8	192.	2449.9	195.	2435.4	195.	1620
GR	2434.4	204.	2434.6	215.	2434.6	225.	2435.3	232.	2450.8	232.	1625
GR	2450.9	235.	2435.4	235.	2435.0	241.	2435.2	248.	2436.4	255.	1630
GR	2451.7	314.	2454.5	315.	2456.4	362.	2457.4	453.	2465.0	500.	1635
NC	0.070	0.070	0.030	0.0	0.5						1640
ET	0.	0.0	0.0	0.0	0.0	7.11	80.00	350.00	0.0	0.0	1645
X1	16.20	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	1650
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	1655
QT	5.	11940.	25965.	35095.	67390.	35095.	0.	0.	0.	0.	1660
NC	0.110	0.150	0.030	0.0	0.0						1665
ET	0.	0.0	0.0	0.0	0.0	7.11	25.00	235.00	0.0	0.0	1670
X1	16.97	17.	103.	222.	4180.	4180.	4180.	0.0	0.0	0.	1675
GR	2468.0	0.	2463.1	12.	2461.3	61.	2459.7	68.	2460.6	73.	1680
GR	2462.6	93.	2461.7	103.	2451.5	118.	2447.0	133.	2446.2	149.	1685
GR	2444.5	161.	2443.4	180.	2441.9	191.	2448.5	210.	2453.9	222.	1690
GR	2455.0	230.	2468.0	252.	0.0	0.	0.0	0.	0.0	0.	1695
QT	5.	11895.	25865.	34960.	67135.	34960.	0.	0.	0.	0.	1700
NC	0.120	0.110	0.030	0.0	0.0						1705
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	500.00	0.0	0.0	1710
X1	17.46	18.	62.	164.	2550.	2550.	2550.	0.0	0.0	0.	1715
GR	2485.5	0.	2484.9	5.	2462.5	44.	2461.4	62.	2455.6	72.	1720
GR	2454.5	88.	2453.9	105.	2454.5	133.	2454.6	147.	2455.6	153.	1725
GR	2461.1	164.	2463.8	230.	2462.7	300.	2464.0	400.	2464.4	500.	1730
GR	2464.0	600.	2468.1	642.	2489.3	692.	0.0	0.	0.0	0.	1735
QT	5.	11865.	25800.	34875.	66970.	34875.	0.	0.	0.	0.	1740
NC	0.120	0.130	0.030	0.0	0.0						1745
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	525.00	0.0	0.0	1750
X1	17.77	21.	395.	478.	1650.	1650.	1650.	0.0	0.0	0.	1755
GR	2485.0	0.	2474.9	4.	2475.6	9.	2475.0	26.	2475.6	35.	1760
GR	2467.6	55.	2466.2	212.	2461.9	218.	2461.5	278.	2463.2	395.	1765
GR	2459.5	404.	2458.5	408.	2456.8	424.	2457.8	435.	2457.4	446.	1770
GR	2457.9	460.	2459.4	469.	2464.0	478.	2468.9	565.	2474.2	669.	1775
GR	2485.0	770.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1780
QT	5.	11815.	25700.	34740.	66705.	34740.	0.	0.	0.	0.	1785
NC	0.120	0.110	0.030	0.0	0.0						1790
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	675.00	0.0	0.0	1795
X1	18.27	23.	85.	215.	2570.	2570.	2570.	0.0	0.0	0.	1800
GR	2490.0	0.	2477.9	5.	2480.9	32.	2480.6	69.	2476.5	85.	1805
GR	2465.8	97.	2463.3	104.	2463.1	110.	2463.0	125.	2461.0	152.	1810
GR	2461.7	170.	2465.0	187.	2470.5	204.	2472.5	215.	2472.4	232.	1815
GR	2472.4	235.	2470.8	260.	2472.1	300.	2472.7	325.	2475.7	535.	1820
GR	2475.8	650.	2476.0	850.	2500.0	850.	0.0	0.	0.0	0.	1825

I01

1830

GR 2475.8 650. 2476.0 850. 2500.0 850.

I01

NC	0.070	0.070	0.0	0.0	0.0						1830
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	675.00	0.0	0.0	1835
X1	18.27	23.	110.	232.	100.	100.	100.	0.0	0.0	0.	1840
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2480.2	2473.9		1845
GR	2490.0	0.	2477.9	5.	2480.9	32.	2480.6	69.	2476.5	85.	1850
GR	2465.8	97.	2463.3	104.	2463.1	110.	2463.0	125.	2461.0	152.	1855
GR	2461.7	170.	2465.0	187.	2470.5	204.	2472.5	215.	2472.4	232.	1860
GR	2472.4	235.	2470.8	260.	2472.1	300.	2472.7	325.	2475.7	535.	1865
GR	2475.8	650.	2476.0	850.	2500.0	850.	0.0	0.	0.0	0.	1870
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	675.00	0.0	0.0	1875
X1	18.27	29.	110.	232.	1.	1.	1.	0.0	0.0	0.	1880
BT	4.0	110.0	2483.7	0.0	110.0	2483.7	2480.0	232.0	2483.7	2480.0	1885
BT	232.0	2483.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1890
GR	2490.0	0.	2477.9	5.	2480.9	32.	2480.7	60.	2482.1	72.	1895
GR	2482.5	110.	2471.7	110.	2465.0	124.	2464.5	130.	2461.5	140.	1900
GR	2461.9	150.	2480.0	150.	2480.0	153.	2462.0	153.	2462.1	170.	1905
GR	2463.5	176.	2463.1	187.	2480.0	187.	2480.0	190.	2463.0	190.	1910
GR	2470.5	232.	2482.5	232.	2478.0	285.	2474.5	347.	2474.4	440.	1915
GR	2475.7	535.	2475.8	650.	2476.0	850.	2500.0	850.	0.0	0.	1920
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	675.00	0.0	0.0	1925
X1	18.27	0.	0.	0.	19.	19.	19.	0.0	0.0	0.	1930
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	1935
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	675.00	0.0	0.0	1940
X1	18.27	23.	110.	232.	1.	1.	1.	0.0	0.0	0.	1945
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2480.2	2473.9		1950
GR	2490.0	0.	2477.9	5.	2480.9	32.	2480.6	69.	2476.5	85.	1955
GR	2465.8	97.	2463.3	104.	2463.1	110.	2463.0	125.	2461.0	152.	1960
GR	2461.7	170.	2465.0	187.	2470.5	204.	2472.5	215.	2472.4	232.	1965
GR	2472.4	235.	2470.8	260.	2472.1	300.	2472.7	325.	2475.7	535.	1970
GR	2475.8	650.	2476.0	850.	2500.0	850.	0.0	0.	0.0	0.	1975
NC	0.080	0.070	0.0	0.0	0.0						1980
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	675.00	0.0	0.0	1985
X1	18.27	23.	85.	215.	25.	25.	25.	0.0	0.0	0.	1990
GR	2490.0	0.	2477.9	5.	2480.9	32.	2480.6	69.	2476.5	85.	1995
GR	2465.8	97.	2463.3	104.	2463.1	110.	2463.0	125.	2461.0	152.	2000
GR	2461.7	170.	2465.0	187.	2470.5	204.	2472.5	215.	2472.4	232.	2005
GR	2472.4	235.	2470.8	260.	2472.1	300.	2472.7	325.	2475.7	535.	2010
GR	2475.8	650.	2476.0	850.	2500.0	850.	0.0	0.	0.0	0.	2015
QT	5.	10580.	23000.	31095.	59710.	31095.	0.	0.	0.	0.	2020
NC	0.100	0.100	0.030	0.0	0.0						2025
ET	0.	0.0	0.0	0.0	0.0	7.11	1850.00	2500.00	0.0	0.0	2030
X1	19.08	27.	2069.	2182.	4275.	4275.	4275.	0.0	0.0	0.	2035
GR	2500.0	1500.	2482.8	1600.	2482.1	1675.	2484.0	1779.	2477.9	1880.	2040
GR	2477.9	2050.	2480.5	2052.	2482.0	2069.	2475.5	2075.	2472.9	2079.	2045
GR	2473.5	2091.	2473.5	2105.	2474.1	2140.	2478.5	2157.	2478.1	2165.	2050
GR	2481.0	2182.	2480.0	2202.	2487.9	2214.	2479.4	2240.	2479.6	2274.	2055
GR	2482.8	2375.	2484.3	2475.	2483.3	2575.	2481.6	2675.	2481.8	2700.	2060
GR	2482.4	2775.	2500.0	2825.	0.0	0.	0.0	0.	0.0	0.	2065

J01

QT	5.	10305.	22385.	30260.	58105.	30260.	0.	0.	0.	0.	2070
											2075

GR	2482.4	2775.	2500.0	2825.	0.0	0.					

J01

QT	5.	10305.	22385.	30260.	58105.	30260.	0.	0.	0.	0.	2070
NC	0.090	0.120	0.030	0.0	0.0						2075
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	315.00	0.0	0.0	2080
X1	19.78	14.	119.	307.	3750.	3750.	3750.	0.0	0.0	0.	2085
GR	2504.0	0.	2502.0	10.	2497.0	51.	2487.0	119.	2483.7	231.	2090
GR	2482.7	243.	2482.4	262.	2482.2	282.	2481.1	294.	2483.5	300.	2095
GR	2490.4	307.	2492.4	326.	2502.0	339.	2503.9	345.	0.0	0.	2100
QT	5.	10115.	21970.	29700.	57030.	29700.	0.	0.	0.	0.	2105
NC	0.100	0.120	0.040	0.0	0.8						2110
ET	0.	0.0	0.0	0.0	0.0	7.11	85.00	215.00	0.0	0.0	2115
X1	20.25	13.	85.	215.	2550.	2550.	2550.	0.0	0.0	0.	2120
GR	2510.3	0.	2507.0	23.	2500.9	85.	2494.1	109.	2489.5	156.	2125
GR	2487.5	177.	2486.0	185.	2486.7	190.	2488.5	199.	2489.5	203.	2130
GR	2494.2	205.	2499.5	215.	2510.6	236.	0.0	0.	0.0	0.	2135
QT	5.	9830.	21340.	28855.	55405.	28855.	0.	0.	0.	0.	2140
NC	0.090	0.090	0.030	0.0	0.5						2145
ET	0.	0.0	0.0	0.0	0.0	7.11	325.00	625.00	0.0	0.0	2150
X1	20.96	21.	347.	572.	3770.	3770.	3770.	0.0	0.0	0.	2155
GR	2523.9	0.	2518.1	65.	2516.4	98.	2514.3	298.	2513.3	347.	2160
GR	2508.0	375.	2506.0	386.	2503.2	397.	2502.5	415.	2502.6	433.	2165
GR	2502.1	450.	2502.4	475.	2502.7	520.	2503.2	545.	2512.5	572.	2170
GR	2512.3	603.	2511.8	612.	2507.7	621.	2510.2	723.	2515.4	785.	2175
GR	2523.9	811.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	2180
QT	5.	7695.	21040.	28450.	54630.	28450.	0.	0.	0.	0.	2185
NC	0.150	0.150	0.050	0.0	0.8						2190
ET	0.	0.0	0.0	0.0	0.0	7.11	175.00	375.00	0.0	0.0	2195
X1	21.30	18.	220.	345.	1790.	1790.	1790.	0.0	-0.50	0.	2200
GR	2540.5	0.	2530.7	200.	2520.0	220.	2512.3	235.	2510.0	256.	2205
GR	2510.7	278.	2510.8	294.	2511.4	307.	2512.2	316.	2515.0	329.	2210
GR	2520.0	345.	2520.0	351.	2527.3	361.	2530.6	375.	2531.5	450.	2215
GR	2531.7	550.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2220
QT	5.	9610.	20850.	28185.	54125.	28185.	0.	0.	0.	0.	2225
NC	0.110	0.130	0.045	0.0	0.0						2230
ET	0.	0.0	0.0	0.0	0.0	7.11	175.00	375.00	0.0	0.0	2235
X1	21.52	18.	220.	345.	1130.	1130.	1130.	0.0	0.0	0.	2240
GR	2540.5	0.	2530.7	200.	2520.0	220.	2512.3	233.	2510.0	256.	2245
GR	2510.7	278.	2510.8	294.	2511.4	307.	2512.2	316.	2515.0	329.	2250
GR	2520.0	345.	2520.0	351.	2527.3	361.	2530.6	375.	2531.5	450.	2255
GR	2531.7	550.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2260
NC	0.070	0.070	0.0	0.0	0.0						2265
ET	0.	0.0	0.0	0.0	0.0	7.11	175.00	375.00	0.0	0.0	2270
X1	21.52	23.	203.	350.	1.	1.	1.	0.0	0.0	0.	2275
BT	4.0	203.0	2534.0	0.0	203.0	2534.0	2529.3	350.0	2534.0	2528.7	2280
BT	350.0	2534.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2285
GR	2540.5	0.	2532.8	200.	2532.8	203.	2527.3	203.	2512.5	228.	2290
GR	2510.7	237.	2510.4	245.	2509.4	250.	2529.1	250.	2529.1	253.	2295
GR	2509.4	253.	2509.7	273.	2511.3	282.	2512.4	300.	2528.9	300.	2300
GR	2528.9	303.	2512.7	303.	2516.1	322.	2528.7	350.	2533.8	350.	2305

K01

GR	2533.3	500.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2310
					0.5						2315

KD1

GR	2533.3	500.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2310
NC	0.0	0.0	0.0	0.0	0.5						2315
ET	0.	0.0	0.0	0.0	0.0	7.11	175.00	375.00	0.0	0.0	2320
X1	21.52	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	2325
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	2330
NC	0.110	0.090	0.030	0.0	0.0						2335
ET	0.	0.0	0.0	0.0	0.0	7.11	175.00	375.00	0.0	0.0	2340
X1	21.52	18.	220.	345.	1.	1.	1.	0.0	0.0	0.	2345
GR	2540.5	0.	2530.7	200.	2520.0	220.	2512.3	233.	2510.0	256.	2350
GR	2510.7	278.	2510.8	294.	2511.4	307.	2512.2	316.	2515.0	329.	2355
GR	2520.0	345.	2520.0	351.	2527.3	361.	2530.6	375.	2531.5	450.	2360
GR	2531.7	550.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2365
QT	5.	9410.	20380.	27555.	52910.	27555.	0.	0.	0.	0.	2370
NC	0.130	0.130	0.030	0.0	0.8						2375
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	150.00	0.0	0.0	2380
X1	22.05	13.	50.	146.	2990.	2990.	2990.	0.0	0.0	0.	2385
GR	2555.1	0.	2554.5	5.	2530.0	37.	2527.7	50.	2523.5	57.	2390
GR	2520.5	70.	2521.0	86.	2520.1	105.	2520.0	115.	2521.5	131.	2395
GR	2523.5	141.	2526.4	146.	2549.5	327.	0.0	0.	0.0	0.	2400
QT	5.	9080.	19675.	26600.	51080.	26600.	0.	0.	0.	0.	2405
NC	0.130	0.130	0.030	0.0	0.5						2410
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	175.00	0.0	0.0	2415
X1	22.85	13.	22.	160.	4150.	4150.	4150.	0.0	0.0	0.	2420
GR	2590.0	0.	2554.0	1.	2550.2	22.	2540.0	44.	2540.5	63.	2425
GR	2540.1	86.	2539.0	98.	2540.8	117.	2541.2	125.	2540.7	139.	2430
GR	2542.5	148.	2553.7	160.	2587.0	198.	0.0	0.	0.0	0.	2435
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	175.00	0.0	0.0	2440
X1	22.85	15.	48.	174.	100.	100.	100.	0.0	0.0	0.	2445
GR	2590.0	0.	2554.0	1.	2550.2	22.	2540.0	44.	2540.1	48.	2450
GR	2540.5	63.	2540.1	86.	2539.0	98.	2540.8	117.	2541.2	125.	2455
GR	2540.7	139.	2542.5	148.	2553.7	160.	2565.5	174.	2587.0	198.	2460
SB	1.25	1.60	3.00	0.	1.00	0.01	0.10	0.0	2540.0	2540.0	2465
ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	175.00	0.0	0.0	2470
X1	22.85	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	2475
X2	0.	0.0	1.	2540.1	2541.3	0.0	0.	0.0	0.0	0.	2480
BT	38.0	1.0	2590.0	0.0	1.0	2584.4	0.0	48.0	2584.4	0.0	2485
BT	52.0	2563.3	0.0	64.0	2558.3	0.0	68.0	2555.0	0.0	72.0	2490
BT	2554.6	0.0	75.0	2555.7	0.0	75.0	2561.0	0.0	80.0	2562.7	2495
BT	0.0	90.0	2562.7	0.0	95.0	2564.1	0.0	95.0	2581.9	0.0	2500
BT	98.0	2581.9	0.0	98.0	2564.0	0.0	112.0	2563.7	0.0	112.0	2505
BT	2581.0	0.0	115.0	2581.0	0.0	115.0	2567.0	0.0	127.0	2567.3	510
BT	0.0	127.0	2584.0	0.0	130.0	2584.0	0.0	130.0	2541.3	0.0	2515
BT	135.0	2541.3	0.0	143.0	2547.5	0.0	143.0	2585.4	0.0	146.0	2520
BT	2585.4	0.0	146.0	2558.5	0.0	156.0	2557.0	0.0	160.0	2559.0	2525
BT	0.0	160.0	2585.7	0.0	163.0	2585.7	0.0	163.0	2553.0	0.0	2530
BT	167.0	2552.0	0.0	168.0	2551.0	0.0	174.0	2552.4	0.0	174.0	2535
BT	2591.0	0.0	250.0	2591.0	0.0	0.0	0.0	0.0	0.0	0.0	2540
NC	0.120	0.100	0.030	0.0	0.0						2545

L01

ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	175.00	0.0	0.0	2550

LD1

ET	0.	0.0	0.0	0.0	0.0	7.11	15.00	175.00	0.0	0.0	2550
X1	22.85	12.	24.	145.	25.	25.	25.	0.0	0.0	0.	2555
GR	2590.0	-42.	2568.0	0.	2555.0	24.	2547.4	35.	2547.1	40.	2560
GR	2543.7	43.	2545.0	52.	2544.9	67.	2553.0	84.	2557.3	145.	2565
GR	2563.5	163.	2587.0	203.	0.0	0.	0.0	0.	0.0	0.	2570
QT	5.	8880.	19235.	26005.	49935.	26005.	0.	0.	0.	0.	2575
NC	0.135	0.135	0.030	0.0	0.0						2580
ET	0.	0.0	0.0	0.0	0.0	7.11	25.00	125.00	0.0	0.0	2585
X1	23.35	14.	28.	120.	2665.	2665.	2665.	0.0	0.0	0.	2590
GR	2597.5	-6.	2578.5	6.	2567.1	16.	2561.6	28.	2560.0	40.	2595
GR	2556.5	52.	2558.7	59.	2559.0	70.	2558.3	79.	2558.0	95.	2600
GR	2558.0	105.	2560.0	114.	2565.0	120.	2587.5	145.	0.0	0.	2605
QT	5.	8565.	18540.	25065.	48130.	25065.	0.	0.	0.	0.	2610
NC	0.130	0.130	0.055	0.0	0.8						2615
ET	0.	0.0	0.0	0.0	0.0	7.11	200.00	320.00	0.0	0.0	2620
X1	24.14	18.	250.	312.	4160.	4160.	4160.	0.0	0.0	0.	2625
GR	2603.0	0.	2599.0	20.	2597.1	50.	2593.9	150.	2594.7	182.	2630
GR	2590.5	200.	2586.5	209.	2581.7	250.	2580.1	255.	2578.0	266.	2635
GR	2575.7	272.	2574.5	277.	2574.7	281.	2575.5	286.	2578.5	300.	2640
GR	2581.6	312.	2599.1	334.	2603.0	342.	0.0	0.	0.0	0.	2645
QT	5.	7875.	17110.	23140.	44430.	23140.	0.	0.	0.	0.	2650
NC	0.120	0.150	0.030	0.0	0.5						2655
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	215.00	0.0	0.0	2660
X1	24.48	15.	39.	210.	1710.	1710.	1710.	0.0	0.0	0.	2665
GR	2620.0	-25.	2601.6	30.	2597.5	39.	2593.4	47.	2590.3	97.	2670
GR	2589.6	149.	2590.4	180.	2590.5	190.	2591.0	197.	2598.7	210.	2675
GR	2606.3	222.	2607.3	227.	2607.6	246.	2606.5	247.	2620.0	265.	2680
NC	0.070	0.070	0.0	0.0	0.0						2685
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	215.00	0.0	0.0	2690
X1	24.48	37.	97.	197.	1.	1.	1.	0.0	0.0	0.	2695
BT	8.0	97.0	2595.0	0.0	97.0	2595.0	2594.0	123.0	2595.3	2594.1	2700
BT	123.0	2595.3	0.0	167.0	2595.1	0.0	167.0	2595.1	2594.0	197.0	2705
BT	2596.0	2594.8	197.0	2596.0	0.0	0.0	0.0	0.0	0.0	0.0	2710
GR	2620.0	-25.	2601.6	30.	2597.5	39.	2594.6	45.	2593.6	58.	2715
GR	2593.5	79.	2595.0	97.	2589.7	97.	2589.4	107.	2589.7	112.	2720
GR	2594.1	112.	2594.1	113.	2589.8	113.	2589.5	115.	2589.4	120.	2725
GR	2590.1	123.	2595.3	123.	2595.3	126.	2594.9	132.	2595.1	167.	2730
GR	2589.5	167.	2589.3	172.	2589.4	179.	2589.5	182.	2594.4	182.	2735
GR	2594.5	183.	2589.6	183.	2589.3	190.	2589.6	197.	2596.0	197.	2740
GR	2596.4	207.	2598.7	210.	2605.3	222.	2607.3	227.	2607.6	246.	2745
GR	2606.5	247.	2620.0	265.	0.0	0.	0.0	0.	0.0	0.	2750
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	215.00	0.0	0.0	2755
X1	24.48	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	2760
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	2765
NC	0.090	0.080	0.0	0.0	0.0						2770
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	215.00	0.0	0.0	2775

MD1

X1	24.48	15.	39.	210.	1.	1.	1.	0.0	0.0	0.	2780
GR	2620.0	-25.	2601.6	30.	2597.5	39.	2593.4	47.	2590.3	97.	2785
GR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	190.	2591.0	197.	2598.7	210.	2790

MD1

X1	24.48	15.	39.	210.	1.	1.	1.	0.0	0.0	0.	2780
GR	2620.0	-25.	2601.6	30.	2597.5	39.	2593.4	47.	2590.3	97.	2785
GR	2589.6	149.	2590.4	180.	2590.5	190.	2591.0	197.	2598.7	210.	2790
GR	2606.3	222.	2607.3	227.	2607.6	246.	2606.5	247.	2620.0	265.	2795
QT	5.	7795.	16935.	22900.	43970.	22900.	0.	0.	0.	0.	2800
NC	0.150	0.120	0.030	0.0	0.0						2805
ET	0.	0.0	0.0	0.0	0.0	7.11	40.00	100.00	0.0	0.0	2810
X1	25.14	13.	42.	84.	3480.	3480.	3480.	0.0	0.0	0.	2815
GR	2640.0	-18.	2616.0	42.	2605.0	59.	2602.6	60.	2602.7	67.	2820
GR	2602.9	75.	2605.1	84.	2612.5	95.	2627.3	117.	2627.6	124.	2825
GR	2627.1	142.	2626.7	147.	2640.0	175.	0.0	0.	0.0	0.	2830
QT	5.	7775.	16890.	22835.	43850.	22835.	0.	0.	0.	0.	2835
ET	0.	0.0	0.0	0.0	0.0	7.11	40.00	100.00	0.0	0.0	2840
X1	25.31	0.	0.	0.	895.	895.	895.	0.0	7.60	0.	2845
QT	5.	7770.	16880.	22825.	43825.	22825.	0.	0.	0.	0.	2850
ET	0.	0.0	0.0	0.0	0.0	7.11	40.00	100.00	0.0	0.0	2855
X1	25.34	0.	0.	0.	160.	160.	160.	0.0	9.80	0.	2860
QT	5.	7680.	16690.	22565.	43330.	22565.	0.	0.	0.	0.	2865
NC	0.150	0.120	0.030	0.0	0.0						2870
ET	0.	0.0	0.0	0.0	0.0	7.11	125.00	375.00	0.0	0.0	2875
X1	26.05	19.	172.	300.	3775.	3775.	3775.	0.0	0.0	0.	2880
GR	2665.0	-15.	2650.5	60.	2649.6	130.	2646.4	172.	2641.7	187.	2885
GR	2640.6	205.	2640.0	214.	2640.0	227.	2639.7	234.	2640.3	248.	2890
GR	2641.8	261.	2643.9	300.	2647.1	360.	2653.2	377.	2654.2	384.	2895
GR	2653.5	401.	2652.7	412.	2652.4	503.	2665.0	535.	0.0	0.	2900
NC	0.070	0.070	0.0	0.0	0.0						2905
ET	0.	0.0	0.0	0.0	0.0	7.11	125.00	375.00	0.0	0.0	2910
X1	26.05	17.	172.	369.	40.	40.	40.	0.0	0.0	0.	2915
GR	2665.0	-15.	2650.5	60.	2649.6	130.	2646.4	172.	2645.5	175.	2920
GR	2645.4	180.	2645.0	254.	2646.0	254.	2646.0	258.	2644.4	266.	2925
GR	2650.3	369.	2653.2	377.	2654.2	384.	2653.5	401.	2652.7	412.	2930
GR	2652.4	503.	2665.0	535.	0.0	0.	0.0	0.	0.0	0.	2935
ET	0.	0.0	0.0	0.0	0.0	7.11	125.00	375.00	0.0	0.0	2940
X1	26.05	0.	0.	0.	15.	15.	15.	0.0	0.0	0.	2945
NC	0.110	0.080	0.0	0.0	0.0						2950
ET	0.	0.0	0.0	0.0	0.0	7.11	125.00	375.00	0.0	0.0	2955
X1	26.05	19.	172.	300.	10.	10.	10.	0.0	0.0	0.	2960
GR	2665.0	-15.	2650.5	60.	2649.6	130.	2646.4	172.	2641.7	187.	2965
GR	2640.6	205.	2640.0	214.	2640.0	227.	2639.7	234.	2640.3	248.	2970
GR	2641.8	261.	2643.9	300.	2647.1	360.	2653.2	377.	2654.2	384.	2975
GR	2653.5	401.	2652.7	412.	2652.4	503.	2665.0	535.	0.0	0.	2980
QT	5.	7640.	16300.	22450.	43105.	22450.	0.	0.	0.	0.	2985
NC	0.150	0.090	0.030	0.0	0.0						2990
ET	0.	0.0	0.0	0.0	0.0	7.11	350.00	800.00	0.0	0.0	2995

AD2

X1	26.37	40.	475.	714.	1665.	1665.	1665.	0.0	0.0	0.	3000
GR	2671.6	0.	2664.7	18.	2655.0	72.	2654.4	125.	2651.6	224.	3005
GR	2649.5	230.	2648.5	236.	2648.7	242.	2649.5	250.	2650.7	275.	3010
GR	2651.7	375.	2653.8	475.	2651.3	481.	2649.0	518.	2648.8	530.	3015
GR	2651.7	537.	2652.4	543.	2648.3	552.	2648.6	556.	2650.0	561.	3020
GR	2652.1	564.	2650.7	567.	2650.3	579.	2649.0	580.	2650.0	590.	3025
GR	2650.1	607.	2650.7	637.	2651.4	647.	2651.7	700.	2657.7	714.	3030
GR	2658.6	725.	2658.8	744.	2657.9	749.	2659.7	753.	2658.2	770.	3035
GR	2658.6	855.	2661.5	956.	2660.0	1047.	2662.5	1164.	2670.7	1177.	3040
QT	5.	7565.	16440.	22230.	42685.	22230.	0.	0.	0.	0.	3045
NC	0.120	0.140	0.045	0.0	0.8						3050
ET	0.	0.0	0.0	0.0	0.0	7.11	20.00	350.00	0.0	0.0	3055

X1	26.97	19.	250.	318.	3300.	3300.	3300.	0.0	0.0	0.	3060
GR	2686.0	0.	2675.0	10.	2672.7	24.	2674.5	27.	2675.8	130.	3065
GR	2674.7	193.	2674.3	204.	2672.4	219.	2669.1	244.	2665.7	250.	3070
GR	2664.1	275.	2662.3	298.	2665.7	312.	2666.3	318.	2677.0	335.	3075
GR	2678.1	348.	2677.5	367.	2676.9	370.	2690.0	400.	0.0	0.	3080
QT	5.	7500.	16305.	22045.	42330.	22045.	0.	0.	0.	0.	3085
NC	0.120	0.140	0.055	0.3	0.0						3090
ET	0.	0.0	0.0	0.0	0.0	7.11	150.00	560.00	0.0	0.0	3095

X1	27.48	32.	357.	517.	2620.	2620.	2620.	0.0	0.0	0.	3100
BT	4.0	357.0	2694.6	0.0	357.0	2694.6	2689.7	517.0	2694.6	2689.7	3105
BT	517.0	2694.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3110
GR	2700.9	0.	2691.3	268.	2692.0	300.	2692.2	357.	2689.2	357.	3115
GR	2683.1	374.	2682.5	390.	2680.0	395.	2689.7	395.	2689.7	398.	3120
GR	2677.7	398.	2677.7	404.	2679.3	420.	2679.5	430.	2679.0	435.	3125
GR	2689.7	435.	2689.7	438.	2678.2	438.	2677.7	445.	2677.6	455.	3130
GR	2677.0	470.	2677.1	477.	2689.7	477.	2689.7	480.	2677.2	480.	3135
GR	2688.1	500.	2688.8	517.	2692.6	517.	2692.6	538.	2692.5	554.	3140
GR	2691.6	564.	2705.0	585.	0.0	0.	0.0	0.	0.0	0.	3145
NC	0.070	0.070	0.030	0.1	0.5						3150
ET	0.	0.0	0.0	0.0	0.0	7.11	150.00	560.00	0.0	0.0	3155

X1	27.48	0.	0.	0.	34.	34.	34.	0.0	0.0	0.	3160
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	3165
QT	5.	7415.	16115.	21790.	41840.	21790.	0.	0.	0.	0.	3170
NC	0.120	0.110	0.040	0.0	0.0						3175
ET	0.	0.0	0.0	0.0	0.0	7.11	250.00	530.00	0.0	0.0	3180

X1	28.18	28.	348.	530.	3685.	3685.	3685.	0.0	0.0	0.	3185
GR	2723.4	0.	2712.7	67.	2714.8	168.	2705.4	190.	2708.0	294.	3190
GR	2706.1	348.	2703.7	367.	2704.2	373.	2706.2	375.	2706.3	427.	3195
GR	2704.1	451.	2703.3	455.	2703.2	461.	2703.3	469.	2704.2	473.	3200
GR	2707.6	474.	2705.8	487.	2704.6	489.	2702.7	495.	2703.1	505.	3205
GR	2702.9	515.	2704.2	524.	2709.0	530.	2716.2	540.	2718.0	550.	3210
GR	2717.9	567.	2717.4	571.	2725.5	575.	0.0	0.	0.0	0.	3215
QT	5.	7375.	16030.	21670.	41615.	21670.	0.	0.	0.	0.	3220
NC	0.150	0.150	0.050	0.0	0.8						3225
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	490.00	0.0	0.0	3230

X1	28.50	17.	343.	438.	1640.	1640.	1640.	0.0	-9.70	0.	3235
GR	2745.0	-10.	2733.5	11.	2733.2	105.	2731.0	200.	2729.9	286.	3240
GR	2728.8	298.	2731.1	312.	2730.7	325.	2730.1	343.	2716.5	375.	3245

BD2

GR	2715.3	392.	2715.2	412.	2732.6	438.	2733.7	461.	2734.6	482.	3250
						0.	0.0	0.	0.0	0.	3255

GR 2728.8 298. 2731.1 312. 2730.1

BD2

GR	2715.3	392.	2715.2	412.	2732.6	438.	2733.7	461.	2734.6	482.	3250
GR	2735.1	525.	2745.0	550.	0.0	0.	0.0	0.	0.0	0.	3255
QT	5.	7335.	15945.	21560.	41400.	21560.	0.	0.	0.	0.	3260
NC	0.120	0.110	0.040	0.0	0.8						3265
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	490.00	0.0	0.0	3270
X1	28.81	33.	325.	461.	890.	890.	890.	0.0	0.0	0.	3275
BT	4.0	325.0	2732.5	0.0	325.0	2732.5	2728.4	461.0	2736.1	2731.8	3280
BT	461.0	2736.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3285
GR	2745.0	-10.	2733.5	11.	2733.2	105.	2731.0	200.	2729.9	286.	3290
GR	2729.7	288.	2730.0	305.	2731.1	312.	2730.9	320.	2732.4	320.	3295
GR	2732.5	325.	2727.5	325.	2726.5	342.	2717.5	361.	2717.3	370.	3300
GR	2729.5	370.	2729.6	373.	2717.2	373.	2717.0	383.	2715.3	392.	3305
GR	2715.4	406.	2717.5	417.	2730.7	417.	2730.8	420.	2719.0	420.	3310
GR	2728.9	440.	2730.6	461.	2736.1	461.	2736.2	465.	2733.9	465.	3315
GR	2734.8	483.	2735.1	525.	2745.0	550.	0.0	0.	0.0	0.	3320
NC	0.070	0.070	0.030	0.0	0.0						3325
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	490.00	0.0	0.0	3330
X1	28.81	0.	0.	0.	34.	34.	34.	0.0	0.0	0.	3335
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	3340
QT	5.	7315.	15900.	21500.	41285.	21500.	0.	0.	0.	0.	3345
NC	0.150	0.110	0.030	0.0	0.0						3350
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	100.00	0.0	0.0	3355
X1	28.97	18.	37.	98.	1690.	1690.	1690.	0.0	0.0	0.	3360
GR	2744.6	0.	2743.7	10.	2743.3	12.	2724.3	37.	2720.2	48.	3365
GR	2718.7	60.	2718.4	71.	2722.1	80.	2724.3	89.	2725.1	98.	3370
GR	2723.2	110.	2736.2	131.	2738.0	145.	2736.0	169.	2734.7	173.	3375
GR	2738.7	179.	2743.1	216.	2746.6	216.	0.0	0.	0.0	0.	3380
QT	5.	7200.	15655.	21165.	40645.	21165.	0.	0.	0.	0.	3385
NC	0.150	0.100	0.045	0.0	0.8						3390
ET	0.	0.0	0.0	0.0	0.0	7.11	255.00	435.00	0.0	0.0	3395
X1	29.89	23.	256.	435.	4800.	4800.	4800.	0.0	0.0	0.	3400
GR	2772.5	0.	2769.4	4.	2768.7	13.	2763.7	24.	2761.3	50.	3405
GR	2757.6	151.	2759.3	256.	2757.0	266.	2752.7	291.	2753.7	300.	3410
GR	2753.9	326.	2752.2	333.	2750.4	356.	2750.7	366.	2750.7	392.	3415
GR	2750.5	404.	2752.1	416.	2760.0	435.	2765.5	448.	2765.7	451.	3420
GR	2765.9	470.	2764.9	474.	2775.5	488.	0.0	0.	0.0	0.	3425
QT	5.	7110.	15460.	20905.	40145.	20905.	0.	0.	0.	0.	3430
NC	0.120	0.110	0.030	0.0	0.0						3435
ET	0.	0.0	0.0	0.0	0.0	7.11	240.00	515.00	0.0	0.0	3440
X1	30.60	33.	241.	515.	3810.	3810.	3810.	0.0	0.0	0.	3445
GR	2799.7	0.	2794.7	24.	2788.3	82.	2789.2	135.	2790.2	225.	3450
GR	2790.7	233.	2791.5	241.	2788.7	246.	2785.8	266.	2782.7	277.	3455
GR	2783.5	303.	2779.4	312.	2779.5	346.	2780.2	360.	2779.3	373.	3460
GR	2779.3	386.	2780.2	398.	2781.1	432.	2783.4	490.	2790.3	515.	3465
GR	2788.8	633.	2789.0	720.	2789.8	725.	2788.2	728.	2789.5	734.	3470
GR	2789.4	753.	2788.0	755.	2789.5	765.	2784.9	796.	2787.5	847.	3475
GR	2786.3	964.	2785.0	992.	2799.7	1020.	0.0	0.	0.0	0.	3480
QT	5.	7070.	15375.	20785.	39920.	20785.	0.	0.	0.	0.	3485
NC	0.150	0.120	0.050	0.0	0.0						3490
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	600.00	0.0	0.0	3495

C02

NC	0.150	0.100	0.050	0.0	0.0						
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	600.00	0.0	0.0	5495

CO2

X1	30.92	19.	312.	428.	1600.	1600.	1600.	0.0	-8.40	0.	3500
GR	2825.0	0.	2812.4	113.	2811.6	143.	2811.2	210.	2813.8	257.	3505
GR	2812.3	300.	2811.7	312.	2801.7	336.	2800.5	352.	2800.4	381.	3510
GR	2801.4	420.	2806.4	428.	2812.3	460.	2816.4	469.	2817.1	482.	3515
GR	2816.1	500.	2813.0	518.	2813.5	535.	2824.5	650.	0.0	0.	3520
QT	5.	7030.	15290.	20670.	39700.	20670.	0.	0.	0.	0.	3525
NC	0.120	0.120	0.045	0.0	0.8						3530
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	600.00	0.0	0.0	3535
X1	31.24	39.	300.	460.	1630.	1630.	1630.	0.0	0.0	0.	3540
BT	4.0	300.0	2823.0	0.0	300.0	2823.0	2819.0	460.0	2820.5	2816.5	3545
BT	460.0	2820.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3550
GR	2825.0	0.	2812.4	113.	2811.6	143.	2811.4	173.	2813.3	207.	3555
GR	2818.5	257.	2820.2	282.	2820.6	297.	2823.0	297.	2823.0	300.	3560
GR	2817.8	300.	2817.7	308.	2803.5	340.	2818.4	340.	2818.3	343.	3565
GR	2802.5	343.	2802.5	346.	2800.7	352.	2800.6	368.	2800.2	375.	3570
GR	2800.5	380.	2817.8	380.	2817.7	383.	2800.5	383.	2800.4	390.	3575
GR	2801.1	405.	2801.5	420.	2817.2	420.	2817.1	423.	2801.6	423.	3580
GR	2802.3	429.	2815.5	447.	2815.5	460.	2820.5	460.	2820.4	467.	3585
GR	2817.9	467.	2815.4	514.	2813.6	535.	2824.5	650.	0.0	0.	3590
NC	0.070	0.070	0.030	0.0	0.5						3595
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	600.00	0.0	0.0	3600
X1	31.24	0.	0.	0.	34.	34.	34.	0.0	0.0	0.	3605
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	3610
QT	5.	6975.	15165.	20500.	39370.	20500.	0.	0.	0.	0.	3615
NC	0.150	0.100	0.045	0.0	0.8						3620
ET	0.	0.0	0.0	0.0	0.0	7.11	55.00	275.00	0.0	0.0	3625
X1	31.71	23.	58.	186.	2515.	2515.	2515.	0.0	0.0	0.	3630
GR	2841.3	0.	2835.4	18.	2834.4	42.	2827.7	58.	2826.2	73.	3635
GR	2819.1	120.	2818.5	128.	2819.3	138.	2819.9	144.	2820.7	149.	3640
GR	2822.4	177.	2830.0	186.	2830.1	210.	2830.3	218.	2829.4	320.	3645
GR	2828.0	418.	2830.8	518.	2834.0	718.	2833.3	820.	2833.0	920.	3650
GR	2833.7	1018.	2835.0	1027.	2844.2	1027.	0.0	0.	0.0	0.	3655
QT	5.	5835.	12695.	17160.	32950.	17160.	0.	0.	0.	0.	3660
NC	0.130	0.125	0.045	0.0	0.0						3665
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	550.00	0.0	0.0	3670
X1	32.36	40.	75.	180.	3450.	3450.	3450.	0.0	0.0	0.	3675
GR	2877.6	0.	2868.5	47.	2865.5	50.	2866.0	52.	2865.7	67.	3680
GR	2857.2	75.	2856.8	85.	2854.5	110.	2354.6	118.	2854.9	126.	3685
GR	2855.3	161.	2855.1	172.	2855.5	177.	2858.2	180.	2862.8	284.	3690
GR	2862.8	327.	2860.2	427.	2860.9	527.	2863.5	627.	2865.6	677.	3695
GR	2861.7	696.	2862.9	727.	2864.6	825.	2865.1	865.	2866.1	940.	3700
GR	2867.4	1025.	2869.5	1119.	2868.3	1123.	2869.3	1125.	2869.7	1147.	3705
GR	2869.1	1154.	2869.7	1155.	2870.0	1162.	2868.1	1166.	2871.6	1171.	3710
GR	2872.8	1250.	2874.5	1330.	2875.6	1427.	2876.7	1450.	2884.8	1468.	3715
QT	5.	5700.	12395.	16760.	32180.	16760.	0.	0.	0.	0.	3720
NC	0.150	0.110	0.045	0.0	0.0						3725
ET	0.	0.0	0.0	0.0	0.0	7.11	35.00	500.00	0.0	0.0	3730
X1	32.77	30.	35.	107.	2230.	2230.	2230.	0.0	0.0	0.	3735

DO2

			35.	2871.0	42.	2869.5	48.	2868.6	55.	3740

X1	32.77	30.	35.	107.	2230.	2230.	2230.	0.0	0.0	0.	3755

D02

GP	2890.6	0.	2875.0	35.	2871.0	42.	2869.5	48.	2868.6	55.	3740
GR	2868.3	63.	2870.5	71.	2871.0	80.	2875.5	107.	2876.5	142.	3745
GR	2877.2	154.	2874.9	193.	2874.7	215.	2874.7	310.	2875.5	425.	3750
GR	2876.7	525.	2877.1	565.	2874.1	616.	2878.6	629.	2878.5	677.	3755
GR	2879.3	707.	2879.0	787.	2880.7	807.	2884.1	907.	2883.4	911.	3760
GR	2884.0	915.	2883.9	935.	2885.1	1007.	2891.5	1100.	2893.1	1119.	3765
QT	5.	5435.	11810.	15970.	30660.	15970.	0.	0.	0.	0.	3770
NC	0.110	0.130	0.045	0.0	0.0						3775
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	550.00	0.0	0.0	3780

X1	33.58	26.	112.	216.	4410.	4410.	4410.	0.0	0.0	0.	3785
BT	4.0	112.0	2936.1	0.0	112.0	2936.1	2932.3	216.0	2936.4	2932.2	3790
BT	216.0	2936.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3795
GR	2940.2	0.	2935.7	7.	2933.9	67.	2932.3	112.	2918.1	119.	3800
GR	2918.0	140.	2918.2	144.	2932.4	144.	2932.4	150.	2918.3	150.	3805
GR	2918.0	157.	2918.5	167.	2919.8	183.	2932.5	183.	2932.5	184.	3810
GR	2920.2	184.	2929.0	216.	2934.7	216.	2932.1	320.	2930.2	415.	3815
GR	2927.7	590.	2928.5	675.	2928.8	790.	2929.5	829.	2928.7	850.	3820
GR	2945.0	850.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	3825
NC	0.070	0.070	0.030	0.0	0.0						3830
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	550.00	0.0	0.0	3835

X1	33.58	0.	0.	0.	20.	20.	20.	0.0	0.0	0.	3840
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	3845
QT	5.	5360.	11650.	15755.	30250.	15755.	0.	0.	0.	0.	3850
ET	0.	0.0	0.0	0.0	0.0	7.11	60.00	550.00	0.0	0.0	3855

X1	33.80	0.	0.	0.	1160.	1160.	1160.	0.0	8.80	0.	3860
QT	5.	5120.	11120.	15040.	28880.	15040.	0.	0.	0.	0.	3865
NC	0.150	0.130	0.030	0.0	0.0						3870
ET	0.	0.0	0.0	0.0	0.0	7.11	275.00	395.00	0.0	0.0	3875

X1	34.53	23.	300.	394.	3790.	3790.	3790.	0.0	0.0	0.	3880
GR	2985.5	0.	2973.7	49.	2973.8	127.	2971.7	213.	2974.5	248.	3885
GR	2973.2	300.	2968.5	313.	2967.8	345.	2967.3	355.	2967.1	362.	3890
GR	2966.7	369.	2966.8	377.	2967.8	384.	2978.5	394.	2978.5	401.	3895
GR	2978.2	413.	2982.0	504.	2978.8	507.	2979.2	513.	2979.2	530.	3900
GR	2979.4	536.	2984.7	542.	2989.6	618.	0.0	0.	0.0	0.	3905
EJ											3910

E02

*PROF 1

CCHV= 0.100 CEHV= 0.500
*SECNO .020
2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.02	42490.	7440.	35009.	40.	4.41	0	381.	
2041.84	0.0	1740.	1896.	22.	0.50	0	2030.90	
18.94	0.0	4.28	18.47	1.80	0.0	2046.26	2032.50	
0.003807	0.0	0.080	0.030	0.080	0.0	-0.00	50.67	
	2022.90	0.	0.	0.	3[illegible].	71.	432.03	0.

CCHV= 0.100 CEHV= 0.800
*SECNO .270

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	42470.	2.	42468.	0.	3.61	2	204.
2049.80	0.0	4	2783.	0.	-0.80	0	2050.00
22.80	0.0	0.54	15.26	0.0	7.08	2053.41	2053.90
0.007032	0.030	0.080	0.030	0.080	0.08	-166.21	39.14
	2027.00	1400.	1400.	1400.	123.	92.	254.76 104.

CCHV= 0.100 CEHV= 0.[illegible]
*SECNO .270

**** 6R CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	42470.	10.	42460.	0.	3.58	2	214.
2050.08	0.0	11.	2798.	0.	-0.04	0	2050.00
23.08	0.0	0.96	15.18	0.0	0.24	2053.66	2053.90
0.007357	0.030	0.070	0.030	0.070	0.00	-203.46	38.54
	2027.00	34.	34.	34.	124.	93.	255.46 106.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

0.97	42415.	5306.	36329.	780.	3.60	6	271.
2062.43	0.0	1209.	2221.	224.	0.02	0	2046.90
24.63	0.0	4.39	16.35	3.48	12.35	2066.03	2054.10

0.001997	0.030	0.070	0.030	0.070	0.02	-0.00	11.14
	2037.80	3575.	3575.	3575.	186.	85.	282.64 371.

0.001997	0.030	0.070	0.030	0.070	0.02	-0.00	11.14	
	2037.80	3575.	3575.	3575.	186.	85.	282.64	371.

CCHV= 0.100 CEHV= 0.500
*SECNO 1.550
CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.55	42370.	3345.	38751.	274.	3.41	3	291.	
2068.34	0.0	1010.	2505.	104.	-0.19	0	2058.00	
19.34	0.0	3.31	15.47	2.63	5.70	2071.75	2060.80	
0.001630	0.028	0.080	0.025	0.070	0.02	-0.00	13.77	
	2049.00	3170.	3170.	3170.	197.	95.	305.22	636.

*SECNO 2.000

3301 HV CHANGED MORE THAN HVINS

2.00	42335.	2804.	33643.	5888.	2.04	3	487.	
2074.92	0.0	848.	2644.	1509.	-1.37	0	2065.80	
17.92	0.0	3.31	12.72	3.90	5.07	2076.96	2066.90	
0.002997	0.031	0.100	0.040	0.080	0.14	-0.00	18.64	
	2057.00	2350.	2350.	2350.	191.	296.	505.63	868.

CCHV= 0.100 CEHV= 0.800
*SECNO 2.750

3301 HV CHANGED MORE THAN HVINS

2.75	42280.	316.	41282.	682.	3.03	3	230.	
2091.22	0.0	121.	2921.	227.	0.99	0	2079.70	
23.32	0.0	2.62	14.13	3.01	16.50	2094.25	2079.30	
0.006039	0.037	0.130	0.055	0.110	0.79	-0.00	5.99	
	2067.90	4000.	4000.	4000.	103.	127.	236.20	1248.

CCHV= 0.100 CEHV= 0.500
*SECNO 3.520
3280 CROSS SECTION 3.52 EXTENDED 6.53 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	42220.	1199.	36189.	4832.	1.07	5	397.	
2118.23	0.0	363.	4112.	1165.	-1.97	0	2110.50	
30.83	0.0	3.30	8.80	4.15	24.84	2119.29	2110.00	
0.006078	0.039	0.120	0.045	0.100	0.20	-206.71	0.0	
	2087.40	4100.	4100.	4100.	131.	267.	397.45	1667.

*SECNO 3.520

2087.40 4100. 4100.

*SECNO 3.520

**** GR CARDS REPEATED
3280 CROSS SECTION 3.52 EXTENDED 6.33 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	42220.	1391.	36152.	4677.	1.05	2	398.	
2118.33	0.0	369.	4128.	1184.	-0.01	0	2110.50	
30.93	0.0	3.77	8.76	3.95	0.09	2119.38	2110.00	
0.002661	0.039	0.070	0.030	0.070	0.00	-206.71	0.0	
	2087.40	23.	23.	23.	131.	268.	398.46	1670.

*SECNO 4.220

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
4.22	40935.	2658.	37063.	1214.	1.59	4	674.	
2124.46	0.0	1315.	3496.	807.	0.53	0	2115.00	
20.56	0.0	2.02	10.60	1.51	6.40	2126.05	2116.00	
0.001222	0.038	0.090	0.030	0.090	0.27	-0.00	20.21	
	2103.90	3665.	3665.	3665.	320.	353.	693.71	2145.

*SECNO 5.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

5.00	40935.	0.	40935.	0.	5.57	2	194.	
2136.13	2136.13	0.	2162.	0.	3.98	15	2137.70	
17.33	0.0	0.0	18.93	0.0	10.57	2141.70	2140.10	
0.008618	0.036	0.090	0.030	0.090	1.99	-0.00	111.00	
	2118.80	4100.	4100.	4100.	100.	97.	308.49	2512.

*SECNO 5.140

*SECNO 5.140

H02

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	40690.	2172.	36281.	2237.	2.37	6	430.	
2146.36	0.0	446.	2798.	456.	-3.20	0	2140.70	
24.56	0.0	4.87	12.96	4.90	6.71	2148.73	2143.10	
0.009837	0.036	0.080	0.030	0.080	0.32	-809.92	0.44	
	2121.80	730.	730.	730.	211.	219.	430.40	2561.

*SECNO 5.140

*** GR CARDS REPEATED
3280 CROSS SECTION 5.14 EXTENDED 0.46 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	40690.	2478.	35682.	2531.	2.08	2	438.	
2146.96	0.0	512.	2917.	529.	-0.29	0	2140.70	
25.16	0.0	4.84	12.23	4.78	0.28	2149.04	2143.10	
0.008285	0.036	0.080	0.030	0.080	0.03	-809.93	0.0	
	2121.80	31.	31.	31.	211.	227.	437.52	2563.

*SECNO 5.980

3301 HV CHANGED MORE THAN HVINS

5.98	40460.	294.	40119.	46.	5.01	4	204.	
2168.73	0.0	183.	2224.	47.	2.93	0	2159.20	
23.83	0.0	1.61	18.04	0.99	23.24	2173.74	2166.00	
0.003429	0.035	0.150	0.030	0.120	1.47	-0.00	31.68	
	2144.90	4570.	4570.	4570.	106.	98.	235.45	2900.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.600

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
6.60	40295.	17.	40273.	5.	4.04	2	183.	
2185.74	0.0	19.	2495.	4.	-0.97	0	2183.60	
21.54	0.0	0.93	16.14	1.02	15.94	2189.78	2183.50	
0.008231	0.037	0.150	0.050	0.130	0.10	-0.00	55.69	
	2164.20	3150.	3150.	3150.	98.	85.	238.98	3080.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930

CCHV= 0.700 CEHV= 0.800
*SECNO 6.93D

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	40205.	2257.	33803.	4145.	1.38	4	414.	
2202.14	0.0	635.	3326.	1099.	-2.66	0	2194.50	
28.14	0.0	3.55	10.16	3.77	13.48	2203.52	2193.60	
.0.007639	0.037	0.150	0.040	0.130	0.27	-765.41	0.0	
	2174.00	1700.	1700.	1700.	153.	261.	414.36	3227.

CCHV= 0.100 CEHV= 0.500
*SECNO 6.93D

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	40205.	3193.	31821.	5191.	1.14	2	420.	
2202.59	0.0	663.	3405.	1177.	-0.24	0	2194.50	
28.59	0.0	4.81	9.34	4.41	0.18	2203.1.	2193.60	
0.004791	0.037	0.090	0.035	0.090	0.02	-765.41	0.0	
	2174.00	30.	30.	30.	153.	267.	420.24	3231.

*SECNO 7.380

3301 HV CHANGED MORE THAN HVINS

7.38	40085.	304.	37723.	2058.	2.54	4	254.	
2207.43	0.0	209.	2864.	751.	1.40	0	2194.50	
20.83	0.0	1.46	13.17	2.74	5.54	2209.97	2192.00	
0.001379	0.036	0.150	0.030	0.100	0.70	-0.00	3.31	
	2186.60	2370.	2370.	2370.	100.	154.	257.38	3478.

CCHV= 0.100 CEHV= 0.800
*SECNO 8.240

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		D2/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

8.24	39855.	89.	39725.	41.	6.13	4	187.	
2226.05	2226.05	42.	1995.	17.	3.59	19	2221.50	
15.15	0.0	2.13	19.91	2.43	14.34	2232.18	2221.50	
0.016033	0.038	0.150	0.050	0.120	2.88	-0.00	46.53	
	2210.90	4360.	4360.	4360.	99.	88.	233.35	3772.

*SECNO 9.310

*SECNO 9.310

J02

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
9.31	39565.	83.	38105.	1378.	2.94	7	244.	
2269.02	0.0	56.	2721.	424.	-3.20	0	2263.00	
25.42	0.0	1.49	14.00	3.25	39.46	2271.96	2263.00	
0.003845	0.039	0.125	0.045	0.090	0.32	-0.00	-12.42	
	2243.60	5680.	5680.	5680.	91.	153.	231.27	4114.

*SECNO 9.980

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	37025.	1474.	32873.	2678.	2.01	3	278.	
2293.80	0.0	324.	2753.	471.	-0.92	0	2286.60	
27.80	0.0	4.54	11.94	5.69	23.76	2295.81	2284.60	
0.015159	0.039	0.130	0.045	0.130	0.09	-756.57	1.03	
	2266.00	3570.	3570.	3570.	136.	142.	279.38	4391.

CCHV= 0.100 CEHV= 0.500
*SECNO 9.980

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	37025.	1963.	31676.	3386.	1.72	2	280.	
2294.43	0.0	360.	2855.	510.	-0.29	0	2286.60	
28.43	0.0	5.46	11.09	6.64	0.31	2296.15	2284.60	
0.005542	0.039	0.070	0.030	0.070	0.03	-756.57	0.92	
	2266.00	36.	36.	36.	137.	143.	280.88	4394.

CCHV= 0.100 CEHV= 0.800
*SECNO 11.230

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	36680.	3206.	32982.	492.	1.77	4	244.	
2347.11	0.0	516.	2975.	137.	0.05	0	2335.80	
32.61	0.0	6.21	11.09	3.59	52.69	2348.88	2339.50	
0.013214	0.040	0.110	0.050	0.150	0.04	-761.28	62.25	
	2314.50	6465.	6465.	6465.	145.	99.	306.44	4940.

*SECNO 11.230

**** GR CARDS REPEATED

K02

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

**** GR CARDS REPEATED

K02

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	36680.	3130.	32879.	671.	1.69	0	247.	
2347.46	0.0	542.	3025.	146.	-0.08	0	2335.80	
32.96	0.0	5.78	10.87	4.58	0.26	2349.15	2339.50	
0.004469	0.040	0.070	0.030	0.070	0.01	-761.28	60.66	
	2314.50	37.	37.	37.	147.	100.	307.19	4943.

*SECNO 12.000

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
12.00	36465.	7.	36458.	0.	4.25	4	159.	
2367.03	0.0	7.	2203.	0.	2.56	0	2366.30	
22.03	0.0	1.02	16.55	0.0	20.09	2371.28	2370.00	
0.005397	0.040	0.070	0.030	0.070	2.05	-0.00	120.78	
	2345.00	4100.	4100.	4100.	87.	73.	280.00	5222.

CCHV= 0.100 CEHV= 0.800

*SECNO 12.260

3301 HV CHANGED MORE THAN HVINS

12.26	36395.	177.	36088.	130.	1.47	3	216.	
2372.90	0.0	169.	3695.	118.	-2.79	0	2361.00	
25.40	0.0	1.04	9.77	1.10	2.81	2374.37	2361.00	
0.000900	0.039	0.150	0.035	0.120	0.28	-0.00	2.49	
	2347.50	1545.	1545.	1545.	112.	105.	218.83	5331.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

12.75	36260.	40.	35146.	1074.	6.31	3	197.	
2379.94	2379.94	20.	1718.	235.	4.84	14	2374.50	
16.94	0.0	2.01	20.46	4.56	5.93	2386.25	2370.50	
0.014643	0.040	0.150	0.050	0.130	3.87	0.0	32.75	
	2363.00	2570.	2570.	2570.	69.	129.	230.23	5507.

L02

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            2365.00      2370.     2370.
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L02

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*SECNO 12.750
  CANE RIVER                           100 YEAR FLOOD      02/14/81
 MILE        Q           QLOB        QCH         QROB        HV          ITRIAL     TOPWID
 ELEV        CRIWS       ALOB        ACH         AROB        DHV         IDC         BANK ELEV
 DEPTH       WSELK       VLOB        VCH         VROB        HL          EG        LEFT/RIGHT
 SLOPE       WTN         XNL         XNCH        XNR         OLOSS       CORAR       SSTA
             ELMIN       XLOBL       XLCH        XLOBR       WSDL        WSDR        ENDST        VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
    12.75     36260.        102.      34441.       1717.       6.62          2        202.
  2381.72    2381.72         35.       1627.        363.       0.31         11     2374.50
    18.72        0.0        2.93       21.16        4.73       0.76    2388.35     2367.30
 0.004613      0.040       0.070       0.030       0.070       0.25      -0.00       30.37
             2363.00        100.        100.        100.        60.       142.     231.99      5512.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

  CANE RIVER                           100 YEAR FLOOD      02/14/81
 MILE        Q           QLOB        QCH         QROB        HV          ITRIAL     TOPWID
 ELEV        CRIWS       ALOB        ACH         AROB        DHV         IDC         BANK ELEV
 DEPTH       WSELK       VLOB        VCH         VROB        HL          EG        LEFT/RIGHT
 SLOPE       WTN         XNL         XNCH        XNR         OLOSS       CORAR       SSTA
             ELMIN       XLOBL       XLCH        XLOBR       WSDL        WSDR        ENDST        VOL

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
    12.75     36260.        294.      29926.       6040.       4.54          4        210.
  2385.39    2385.39         40.       1656.        523.      -2.09         14     2381.70
    21.49        0.0        7.40       18.07       11.54       0.01    2389.93     2380.10
 0.030513      0.040       0.070       0.040       0.070       0.21    -246.30       25.27
             2363.90          1.          1.          1.        65.       146.     235.61      5512.

CCHV=   0.100 CEHV=    0.500
*SECNO 12.750

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

  CANE RIVER                           100 YEAR FLOOD      02/14/81
 MILE        Q           QLOB        QCH         QROB        HV          ITRIAL     TOPWID
 ELEV        CRIWS       ALOB        ACH         AROB        DHV         IDC         BANK ELEV
 DEPTH       WSELK       VLOB        VCH         VROB        HL          EG        LEFT/RIGHT
 SLOPE       WTN         XNL         XNCH        XNR         OLOSS       CORAR       SSTA
             ELMIN       XLOBL       XLCH        XLOBR       WSDL        WSDR        ENDST        VOL

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

    12.75     36260.        367.      30183.       5710.       3.89          3        224.
  2386.69        0.0         61.       1786.        648.      -0.65          0     2381.70
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M02

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    22.79        0.0        6.02       16.90        8.81       0.59    2390.58     2380.10
               0.040       0.070       0.030       0.070       0.06    -246.30       13.32
                                                                                             5513.
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22.79	0.0	6.02	16.90	8.81	0.59	2390.58	2380.10	
0.013579	0.040	0.070	0.030	0.070	0.06	-246.30	13.32	
	2363.90	30.	30.	30.	77.	147.	236.89	5513.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	36260.	313.	32447.	3500.	2.98	3	232.	
2387.69	0.0	133.	2224.	930.	-0.91	0	2374.50	
24.69	0.0	2.35	14.59	3.76	0.00	2390.67	2367.30	
0.001445	0.040	0.070	0.030	0.070	0.09	-0.00	5.65	
	2363.00	1.	1.	1.	84.	148.	237.87	5513.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	36260.	218.	33084.	2958.	1.98	3	235.	
2388.82	0.0	173.	2810.	871.	-1.00	0	2374.50	
25.82	0.0	1.26	11.77	3.39	0.03	2390.80	2370.50	
0.000905	0.040	0.110	0.030	0.070	0.10	-0.00	3.94	
	2363.00	25.	25.	25.	98.	137.	238.99	5515.

CCHV= 0.100 CEHV= 0.800
*SECNO 13.440

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	36070.	0.	36070.	0.	4.63	3	162.	
2397.08	0.0	0.	2090.	0.	2.65	0	2418.20	
17.98	0.0	0.0	17.26	0.0	8.78	2401.70	2401.60	
0.017455	0.040	0.130	0.045	0.130	2.12	-0.00	220.99	
	2379.10	3670.	3670.	3670.	77.	98.	395.35	5766.

CCHV= 0.100 CEHV= 0.500
*SECNO 13.440

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	36070.	0.	36070.	0.	3.68	4	172.
2398.58	0.0	0.	2343.	0.	-0.94	0	2418.20

19.48	0.0	0.0	15.40	0.0	0.47	2402.26	2401.60	
0.010508	0.040	0.070	0.040	0.070	0.09	-0.00	218.69	
	2379.10	35.	35.	35.	79.	105.	402.91	5768.

CCHV= 0.100 CEHV= 0.800
*SECNO 14.130

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
14.13	35880.	345.	34875.	659.	2.76	6	182.	
2417.90	0.0	163.	2578.	284.	-0.92	0	2402.10	
24.00	0.0	2.11	13.53	2.32	18.31	2420.67	2405.30	
0.003054	0.040	0.140	0.045	0.150	0.09	-0.00	8.76	
	2393.90	3545.	3545.	3545.	84.	98.	190.47	5986.

*SECNO 14.730

14.73	35715.	468.	34546.	702.	3.03	4	200.	
2425.16	0.0	171.	2433.	375.	0.27	0	2411.50	
19.96	0.0	2.74	14.20	1.87	7.31	2428.19	2414.20	
0.001772	0.040	0.120	0.030	0.150	0.21	-0.00	11.00	
	2405.20	3200.	3200.	3200.	84.	117.	211.48	6207.

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

14.73	35715.	34.	33084.	2597.	3.65	2	201.	
2425.21	0.0	19.	2093.	377.	0.62	0	2411.90	
15.41	0.0	1.81	15.81	6.90	0.17	2428.85	2414.20	
0.005221	0.040	0.070	0.040	0.070	0.49	-0.00	10.97	
	2409.80	60.	60.	60.	78.	123.	211.57	6210.

*SECNO 14.730

***** GR CARDS REPEATED

14.73	35715.	35.	33057.	2622.	3.54	2	201.	
2425.40	0.0	19.	2121.	386.	-0.10	0	2411.90	
15.60	0.0	1.82	15.59	6.79	0.08	2428.94	2414.20	
0.004986	0.040	0.070	0.040	0.070	0.01	-0.00	10.80	
	2409.80	15.	15.	15.	78.	123.	212.07	6211.

*SECNO 14.730

14.73	35715.	658.	34215.	842.	3.51	1	187.	
2425.49	0.0	148.	2232.	309.	-0.04	0	2413.30	
18.49	0.0	4.45	15.33	2.73	0.05	2428.99	2416.00	
0.002318	0.040	0.080	0.030	0.110	0.00	-0.00	12.27	
	2407.00	15.	15.	15.	82.	105.	199.51	6212.

*SECNO 15.190

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
15.19	35585.	452.	34058.	1076.	5.60	2	171.	
2435.28	0.0	134.	1756.	255.	2.09	0	2424.50	
18.48	0.0	3.37	19.39	4.27	10.21	2440.88	2423.90	
0.008756	0.040	0.120	0.045	0.135	1.67	-0.00	45.11	
	2416.80	2530.	2530.	2530.	80.	91.	215.69	6353.

CCHV= 0.100 CEHV= 0.500
*SECNO 15.870

3301 HV CHANGED MORE THAN HVINS

15.87	35400.	913.	34256.	230.	3.32	3	303.	
2450.60	0.0	539.	2307.	166.	-2.28	0	2439.10	
22.10	0.0	1.70	14.85	1.38	12.81	2453.92	2439.50	
0.001992	0.040	0.115	0.030	0.150	0.23	-0.00	29.75	
	2428.50	3500.	3500.	3500.	203.	100.	332.58	6560.

CCHV= 0.100 CEHV= 0.800
*SECNO 16.200

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	35310.	7640.	26682.	988.	1.60	2	508.	
2459.35	0.0	1229.	2386.	425.	-1.72	0	2450.70	
24.95	0.0	6.22	11.18	2.32	6.87	2460.95	2451.70	
0.012734	0.040	0.100	0.040	0.150	0.17	-680.14	-42.46	
	2434.40	1680.	1680.	1680.	276.	231.	465.09	6696.

CCHV= 0.100 CEHV= 0.500
*SECNO 16.200

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	35310.	8258.	25156.	1896.	1.29	2	517.	
2459.94	0.0	1347.	2480.	516.	-0.31	0	2450.70	
25.54	0.0	6.13	10.14	3.68	0.24	2461.23	2451.70	
0.005593	0.040	0.070	0.030	0.070	0.03	-680.14	-48.49	
	2434.40	30.	30.	30.	282.	235.	468.75	6699.

*SECNO 16.970

*SECNO 16.970
3280 CROSS SECTION 16.97 EXTENDED 0.99 FEET

3301 HV CHANGED MORE THAN HVINS

16.97	35095.	1203.	33455.	437.	2.54	6	252.	
2468.99	0.0	694.	2555.	281.	1.25	0	2461.70	
27.09	0.0	1.73	13.09	1.55	9.68	2471.53	2453.90	
0.001254	0.039	0.110	0.030	0.150	0.63	-0.00	0.0	
	2441.90	4180.	4180.	4180.	163.	90.	252.00	7076.

*SECNO 17.460

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
17.46	34960.	629.	23624.	10707.	1.76	3	629.	
2473.32	0.0	307.	1838.	4581.	-0.78	0	2461.40	
19.42	0.0	2.05	12.85	2.34	3.47	2475.08	2461.10	
0.001482	0.039	0.120	0.030	0.110	0.08	-0.00	25.16	
	2453.90	2550.	2550.	2550.	88.	541.	654.31	7377.

*SECNO 17.770

17.77	34875.	11490.	20855.	2530.	1.98	2	682.	
2476.00	0.0	4067.	1444.	1310.	0.22	0	2463.20	
19.20	0.0	2.83	14.45	1.93	2.79	2477.98	2464.00	
0.001955	0.039	0.120	0.030	0.130	0.11	-0.00	3.56	
	2456.80	1650.	1650.	1650.	433.	249.	685.86	7633.

*SECNO 18.270

3265 DIVIDED FLOW

18.27	34740.	58.	26905.	7777.	2.03	2	832.	
2480.80	0.0	78.	2079.	3925.	0.04	0	2476.50	
19.80	0.0	0.74	12.94	1.98	4.82	2482.82	2472.50	
0.001797	0.039	0.120	0.030	0.110	0.02	-0.00	3.80	
	2461.00	2570.	2570.	2570.	146.	700.	850.00	8014.

*SECNO 18.270

3301 HV CHANGED MORE THAN HVINS

18.27	34740.	1667.	21146.	11927.	1.07	3	847.	
2481.98	0.0	539.	2031.	4517.	-0.96	0	2463.10	
20.98	0.0	3.10	10.41	2.64	0.14	2483.05	2472.40	
0.001056	0.039	0.070	0.030	0.070	0.10	-0.00	3.31	
	2461.00	100.	100.	100.	168.	679.	850.00	8029.

20.%6	0.0							
0.001056	0.039	0.070	0.030	0.070	0.70	-0.00	850.00	8029.
	2461.00	100.	100.	100.	168.	679.		

D03

*SECNO 18.270

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	34740.	301.	16153.	18286.	0.79	2	825.	
2482.30	0.0	137.	1756.	3936.	-0.28	0	2482.50	
20.80	0.0	2.19	9.20	4.65	0.00	2483.08	2482.50	
0.003868	0.039	0.070	0.030	0.070	0.03	-280.57	3.18	
	2461.50	1.	1.	1.	168.	679.	850.00	8029.

*SECNO 18.270

**** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	34740.	319.	15947.	18474.	0.77	2	835.	
2482.39	0.0	146.	1756.	3994.	-0.02	0	2482.50	
20.89	0.0	2.19	9.08	4.63	0.07	2483.16	2482.50	
0.003770	0.039	0.070	0.030	0.070	0.00	-291.96	3.14	
	2461.50	19.	19.	19.	168.	679.	850.00	8032.

*SECNO 18.270

18.27	34740.	1687.	20864.	12189.	0.99	2	847.	
2482.28	0.0	570.	2067.	4702.	0.23	0	2463.10	
21.28	0.0	2.96	10.09	2.59	0.00	2483.27	2472.40	
0.000969	0.039	0.070	0.030	0.070	0.11	-0.00	3.19	
	2461.00	1.	1.	1.	168.	679.	850.00	8032.

*SECNO 18.270

18.27	34740.	217.	22162.	12361.	0.97	1	847.	
2482.33	0.0	203.	2279.	4903.	-0.02	0	2476.50	
21.33	0.0	1.07	9.72	2.52	0.02	2483.30	2472.50	
0.000898	0.039	0.080	0.030	0.070	0.00	-0.00	3.17	
	2461.00	25.	25.	25.	147.	700.	850.00	8036.

*SECNO 19.080

3265 DIVIDED FLOW

19.08	31095.	8774.	15769.	6553.	1.08	2	1217.	
2487.68	0.0	3416.	1373.	3162.	0.11	0	2482.00	

E03

	2.07	5.41	2488.77	2481.00	

E03

14.78	0.0	2.57	11.48	2.07	5.41	2488.77	2481.00
0.002025	0.038	0.100	0.030	0.100	0.05	-0.00	1571.59
	2472.90	4275.	4275.	4275.	554.	665.	2790.02 8788.

*SECNO 19.780

3301 HV CHANGED MORE THAN HVINS

19.78	30260.	645.	29453.	162.	2.78	2	272.
2495.88	0.0	268.	2172.	93.	1.70	0	2487.00
14.78	0.0	2.40	13.56	1.73	9.05	2498.66	2490.40
0.002938	0.038	0.090	0.030	0.120	0.85	-0.00	58.58
	2481.10	3750.	3750.	3750.	154.	118.	330.72 9240.

CCHV= 0.100 CEHV= 0.800
*SECNO 20.250

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
20.25	29700.	262.	29365.	73.	3.96	2	193.	
2505.88	0.0	120.	1829.	38.	1.18	0	2500.90	
19.88	0.0	2.08	16.06	1.89	10.23	2509.83	2499.50	
0.005850	0.038	0.100	0.040	0.120	0.94	-0.00	34.39	
	2486.00	2550.	2550.	2550.	116.	77.	227.07	9372.

CCHV= 0.100 CEHV= 0.500
*SECNO 20.960

3301 HV CHANGED MORE THAN HVINS

20.96	28855.	535.	25550.	2770.	1.10	3	709.
2517.24	0.0	556.	2861.	1392.	-2.86	0	2513.30
15.14	0.0	0.96	8.93	1.99	8.22	2518.34	2512.50
0.001112	0.038	0.090	0.030	0.090	0.29	-0.00	81.55
	2502.10	3770.	3770.	3770.	378.	331.	790.65 9667.

CCHV= 0.100 CEHV= 0.800
*SECNO 21.300

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY

F03

3720 CRITICAL DEPTH ASSUMED

21.30	28450.	34.	28306.	110.	5.78	3	145.
				38	4.68	11	2519.50

F03

3720 CRITICAL DEPTH ASSUMED

21.30	28450.	34.	28306.	110.	5.78	3	145.	
2523.80	2523.80	17.	1464.	38.	4.68	11	2519.50	
14.30	0.0	1.95	19.34	2.86	4.98	2529.57	2519.50	
0.016488	0.038	0.150	0.050	0.150	3.74	-0.00	211.97	
	2509.50	1790.	1790.	1790.	71.	74.	356.89	9797.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

21.52	28185.	367.	27107.	711.	1.67	4	457.	
2533.10	0.0	214.	2565.	57.	-4.11	0	2520.00	
23.10	0.0	1.71	10.57	1.23	4.79	2534.77	2520.00	
0.001889	0.038	0.110	0.045	0.130	0.41	-0.00	150.94	
	2510.00	1130.	1130.	1130.	132.	325.	608.00	9860.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	28185.	0.	28185.	0.	3.16	2	150.	
2532.81	0.0	0.	1976.	0.	1.49	0	2532.80	
23.41	0.0	0.03	14.26	0.0	0.00	2535.97	2533.80	
0.020084	0.038	0.070	0.045	0.070	1.19	-537.40	199.74	
	2509.40	1.	1.	1.	77.	74.	350.00	9860.

CCHV= 0.100 CEHV= 0.500
*SECNO 21.520

**** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	28185.	11.	28172.	2.	3.14	2	231.	
2533.43	0.0	7.	1980.	4.	-0.02	0	2532.80	
24.03	0.0	1.60	14.23	0.48	0.60	2536.57	2533.80	
0.019941	0.038	0.070	0.045	0.070	0.00	-624.42	183.71	
	2509.40	30.	30.	30.	93.	250.	526.37	9861.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

G03

21.52	28185.	414.	26291.	1480.	1.22	3	558.	
				1303.	-1.92	0	2520.00	

3301 HV CHANGED MORE THAN HVINS

G03

21.52	28185.	414.	26291.	1480.	1.22	3	558.	
2535.55	0.0	444.	2870.	1303.	-1.92	0	2520.00	
25.55	0.0	0.93	9.16	1.14	0.00	2536.76	2520.00	
0.000543	0.038	0.110	0.030	0.090	0.19	-0.00	101.10	
	2510.00	1.	1.	1.	181.	376.	658.68	9861.

CCHV= 0.100 CEHV= 0.800
*SECNO 22.050

3301 HV CHANGED MORE THAN HVINS

22.05	27555.	369.	26290.	896.	4.08	3	211.	
2538.06	0.0	162.	1585.	534.	2.86	0	2527.70	
18.06	0.0	2.27	16.59	1.68	3.09	2542.14	2526.40	
0.002765	0.038	0.130	0.030	0.150	2.29	-0.00	26.46	
	2520.00	2990.	2990.	2990.	72.	139.	237.43	10098.

CCHV= 0.100 CEHV= 0.500
*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	26600.	22.	26578.	0.	4.61	11	153.	
2552.97	2552.25	21.	1542.	0.	0.53	15	2550.20	
13.97	0.0	1.01	17.24	0.0	15.17	2557.58	2553.70	
0.005126	0.037	0.130	0.030	0.130	0.26	-0.00	6.64	
	2539.00	4150.	4150.	4150.	84.	68.	159.23	10281.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
22.85	26600.	851.	25749.	0.	5.75	2	153.	
2552.98	2552.98	247.	1317.	0.	1.14	5	2540.10	
13.98	0.0	3.45	19.54	0.0	0.56	2558.73	2565.50	
0.006077	0.037	0.130	0.030	0.130	0.57	-0.00	6.62	
	2539.00	100.	100.	100.	104.	48.	159.23	10285.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	1.00	0.01	0.10	0.0
ELCHU	ELCHD							
2540.00	2540.00							

H03

2540.00 2540.00

H03

*SECNO 22.850

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
**********	2559.46	0.73	26648.	3.	0.	0.	2540.10

ELTRD
2541.30

22.85	26600.	1496.	25082.	22.	0.54	2	185.	
2576.10	0.0	1337.	4138.	63.	-5.21	0	2540.10	
37.10	0.0	1.12	6.06	0.36	17.91	2576.64	2565.50	
0.000156	0.037	0.130	0.030	0.130	0.0	-0.00	0.39	
	2539.00	10.	10.	10.	111.	75.	185.83	10286.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	26600.	523.	25433.	645.	1.09	2	199.	
2575.83	0.0	403.	2971.	407.	0.55	0	2555.00	
32.13	0.0	1.30	8.56	1.58	0.01	2576.92	2557.30	
0.000446	0.037	0.120	0.030	0.100	0.28	-0.00	-14.95	
	2543.70	25.	25.	25.	99.	99.	183.99	10288.

*SECNO 23.350

3301 HV CHANGED MORE THAN HVINS

23.35	26005.	434.	25464.	107.	3.66	2	126.	
2576.79	0.0	190.	1641.	77.	2.57	0	2561.60	
20.29	0.0	2.28	15.52	1.32	2.24	2580.45	2565.00	
0.002197	0.037	0.135	0.030	0.135	1.29	-0.00	7.50	
	2556.50	2665.	2665.	2665.	66.	59.	133.10	10462.

CCHV= 0.100 CEHV= 0.800

*SECNO 24.140

3301 HV CHANGED MORE THAN HVINS

24.14	25065.	3148.	21485.	432.	5.63	8	205.	
2594.73	2593.97	555.	1050.	108.	1.97	8	2581.70	
20.23	0.0	5.67	20.45	3.98	18.34	2600.37	2581.60	
0.013678	0.038	0.130	0.055	0.130	1.58	-0.00	123.92	

103

48. 328.51 10635.

20.23	0.0	2.01	20.22	0.130	1.58	-0.00	123.42
0.013678	0.038	0.130	0.055	0.130			

2574.50	4160.	4160.	4160.	157.	48.	328.51	10635.

CCHV= 0.100 CEHV= 0.500
*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	23140.	66.	23055.	19.	1.55	3	199.
2604.67	0.0	60.	2304.	28.	-4.09	0	2597.50
15.07	0.0	1.09	10.01	0.66	5.44	2606.22	2598.70
0.001306	0.038	0.120	0.030	0.150	0.41	-0.00	20.80
	2589.60	1710.	1710.	1710.	104.	95.	219.44	10716.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	23140.	6276.	15910.	954.	2.49	2	198.
2604.20	0.0	635.	1149.	128.	0.94	0	2595.00
14.90	0.0	9.88	13.85	7.48	0.00	2606.69	2596.00
0.010919	0.038	0.070	0.030	0.070	0.47	-69.23	22.22
	2589.30	1.	1.	1.	125.	73.	220.00	10716.

*SECNO 24.480

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	23140.	6301.	15866.	973.	2.38	2	199.
2604.43	0.0	652.	1171.	133.	-0.11	0	2595.00
15.13	0.0	9.66	13.54	7.33	0.11	2606.81	2596.00
0.010177	0.038	0.070	0.030	0.070	0.01	-69.23	21.55
	2589.30	10.	10.	10.	125.	73.	220.41	10716.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	23140.	109.	22986.	46.	1.35	3	203.
2605.56	0.0	78.	2455.	37.	-1.03	0	2597.50
15.96	0.0	1.41	9.36	1.22	0.00	2606.91	2598.70
0.001050	0.038	0.090	0.030	0.080	0.10	-0.00	18.16
	2589.60	1.	1.	1.	106.	96.	220.83	10717.

J03

*SECNO 25.140

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.14	22900.	271.	21174.	1456.	9.11	20	99.	
2626.21	2626.21	130.	842.	331.	7.76	14	2616.00	
23.61	0.0	2.08	25.16	4.39	7.06	2635.32	2605.10	
0.005525	0.038	0.150	0.030	0.120	3.88	-0.00	16.48	
	2602.60	3480.	3480.	3480.	47.	52.	115.38	10871.

*SECNO 25.310

**** GR CARDS REPEATED

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.31	22835.	271.	21112.	1452.	9.04	2	99.	
2633.82	2633.82	131.	842.	332.	-0.06	5	2623.60	
23.62	0.0	2.07	25.07	4.38	4.93	2642.87	2612.70	
0.005482	0.037	0.150	0.030	0.120	0.01	-0.00	16.45	
	2610.20	895.	895.	895.	47.	52.	115.40	10398.

*SECNO 25.340

**** GR CARDS REPEATED

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.34	22825.	270.	21105.	1451.	9.05	20	99.	
2643.61	2643.61	130.	842.	331.	0.00	5	2633.40	
23.61	0.0	2.07	25.08	4.38	0.88	2652.66	2622.50	
0.005488	0.037	0.150	0.030	0.120	0.00	-0.00	16.48	
	2620.00	160.	160.	160.	47.	52.	115.38	10903.

K03

*SECNO 26.050

3301 HV CHANGED MORE THAN HVINS

26.05	22565.	1318.	18849.	2398.	1.00	4	499.	
2658.43	0.0	1188.	2152.	1668.	-8.05	0	2646.40	
18.73	0.0	1.11	8.76	1.44	5.97	2659.43	2643.90	
0.000733	0.037	0.150	0.030	0.120	0.80	-0.00	18.97	
	2639.70	3775.	3775.	3775.	217.	282.	518.32	11176.

*SECNO 26.050

26.05	22565.	3082.	17848.	1635.	0.66	2	502.	
2658.83	0.0	1249.	2457.	865.	-0.34	0	2646.40	
14.43	0.0	2.47	7.26	1.89	0.03	2659.50	2650.30	
0.000750	0.037	0.070	0.030	0.070	0.03	-0.00	16.90	
	2644.40	40.	40.	40.	254.	249.	519.34	11181.

*SECNO 26.050

**** GR CARDS REPEATED

26.05	22565.	3083.	17845.	1637.	0.66	0	503.	
2658.84	0.0	1251.	2459.	866.	-0.00	0	2646.40	
14.44	0.0	2.46	7.26	1.89	0.01	2659.51	2650.30	
0.000748	0.037	0.070	0.030	0.070	0.00	-0.00	16.85	
	2644.40	15.	15.	15.	254.	249.	519.36	11182.

*SECNO 26.050

26.05	22565.	1718.	17414.	3433.	0.76	2	502.	
2658.80	0.0	1244.	2199.	1748.	0.10	0	2646.40	
19.10	0.0	1.38	7.92	1.96	0.01	2659.56	2643.90	
0.000582	0.037	0.110	0.030	0.080	0.05	-0.00	17.07	
	2639.70	10.	10.	10.	219.	283.	519.25	11183.

*SECNO 26.370

3265 DIVIDED FLOW

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	AVLOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
26.37	22450.	4645.	17577.	228.	0.75	2	889.	
2660.20	0.0	3259.	2243.	286.	-0.01	0	2653.80	
11.90	0.0	1.43	7.84	0.80	1.39	2660.96	2657.70	
0.001302	0.037	0.150	0.030	0.090	0.00	-0.00	43.07	
	2648.30	1665.	1665.	1665.	551.	462.	1056.19	11393.

CCHV= 0.100 CEHV= 0.800
*SECNO 26.970

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

QROB HV ITRIAL TOPWID

3301 HV CHANGED MORE THAN HVINS

L03

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
	20 TRIALS ATTEMPTED WSEL,CWSEL							
	PROBABLE MINIMUM SPECIFIC ENERGY							
	CRITICAL DEPTH ASSUMED							
26.97	22230.	3823.	17936.	472.	4.00	20	369.	
2679.05	2679.05	1152.	1008.	180.	3.25	11	2665.70	
16.75	0.0	3.32	17.80	2.62	8.71	2683.05	2666.30	
0.008070	0.037	0.120	0.045	0.140	2.60	-0.00	6.32	
	2662.30	3300.	3300.	3300.	278.	91.	374.93	11701.

CCHV= 0.300 CEHV= 0.800
*SECNO 27.480
3280 CROSS SECTION 27.48 EXTENDED 0.54 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

27.48	22045.	7615.	12816.	1614.	0.34	4	579.	
2701.44	0.0	2276.	2353.	498.	-3.66	0	2692.20	
24.44	0.0	3.35	5.45	3.24	17.62	2701.78	2692.60	
0.005685	0.038	0.120	0.055	0.140	1.10	-784.03	0.0	
	2677.00	2620.	2620.	2620.	437.	142.	579.42	11926.

CCHV= 0.100 CEHV= 0.500
*SECNO 27.480

**** GR CARDS REPEATED
3280 CROSS SECTION 27.48 EXTENDED 0.63 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

27.48	22045.	7292.	12959.	1794.	0.34	2	580.	
2701.53	0.0	2310.	2368.	503.	0.00	0	2692.20	
24.53	0.0	3.16	5.47	3.56	0.10	2701.87	2692.60	
0.001693	0.038	0.070	0.030	0.070	0.00	-784.03	0.0	
	2677.00	34.	34.	34.	437.	143.	579.57	11930.

*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

28.18	21790.	3562.	18214.	14.	2.29	3	362.	
2712.58	0.0	970.	1381.	9.	1.95	0	2706.10	
9.88	0.0	3.67	13.19	1.63	12.02	2714.87	2709.00	
0.008844	0.038	0.120	0.040	0.110	0.98	-0.00	173.20	

M03

2702.70	3685.	3685.	3685.	266.	96.	534.97	12249.

2702.70	3685.	3685.	3685.	266.	96.	534.97	12249.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.500
CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
28.50	21670.	2201.	19399.	70.	2.74	8	510.	
2725.32	2723.65	1105.	1384.	69.	0.44	14	2720.40	
19.82	0.0	1.99	14.01	1.01	12.83	2728.05	2722.90	
0.006963	0.038	0.150	0.050	0.150	0.36	-0.00	8.23	
	2705.50	1640.	1640.	1640.	382.	127.	517.93	12341.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.810

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	21560.	6981.	14323.	256.	1.25	4	523.	
2736.44	0.0	1454.	1366.	103.	-1.48	0	2732.50	
21.14	0.0	4.80	10.48	2.48	9.48	2737.69	2736.10	
0.018368	0.038	0.120	0.040	0.110	0.15	-558.72	5.64	
	2715.30	890.	890.	890.	387.	135.	523.37	12397.

*SECNO 28.810

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	21560.	8825.	12275.	459.	0.78	2	526.	
2737.28	0.0	1728.	1482.	162.	-0.48	0	2732.50	
21.98	0.0	5.11	8.28	2.84	0.32	2738.06	2736.10	
0.005784	0.038	0.070	0.030	0.070	0.05	-558.72	4.08	
	2715.30	34.	34.	34.	389.	138.	530.53	12400.

*SECNO 28.970

3301 HV CHANGED MORE THAN HVINS

28.97	21500.	307.	19284.	1909.	3.31	4	191.	
2741.77	0.0	201.	1253.	741.	2.54	0	2724.30	
23.37	0.0	1.53	15.39	2.58	5.00	2745.08	2725.10	
0.001788	0.038	0.150	0.030	0.110	2.03	-0.00	14.01	
	2718.40	1690.	1690.	1690.	53.	137.	204.85	12508.

CCHV= 0.100 CEHV= 0.800
*SECNO 29.890

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
29.89	21165.	700.	20465.	1.	3.29	3	372.	
2760.76	2760.76	380.	1384.	1.	-0.02	14	2759.30	
10.36	0.0	1.84	14.79	0.86	18.27	2764.05	2760.00	
0.013378	0.038	0.150	0.045	0.100	0.00	-0.00	64.64	
	2750.40	4800.	4800.	4800.	281.	91.	436.80	12726.

*SECNO 30.600

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
30.60	20905.	1.	20187.	717.	1.95	6	527.	
2788.70	0.0	5.	1771.	487.	-1.34	0	2791.50	
9.40	0.0	0.27	11.40	1.47	26.47	2790.65	2790.30	
0.004221	0.038	0.120	0.030	0.110	0.13	-0.00	78.42	
	2779.30	3810.	3810.	3810.	300.	621.	999.04	12902.

*SECNO 30.920

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
30.92	20785.	173.	20330.	282.	4.25	2	299.	
2804.30	2804.30	140.	1216.	107.	2.30	11	2803.30	
12.30	0.0	1.23	16.72	2.63	11.34	2808.55	2798.00	
0.014353	0.038	0.150	0.050	0.150	1.84	-0.00	110.29	
	2792.00	1600.	1600.	1600.	260.	91.	460.88	12970.

Q 800

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	20670.	7040.	11095.	2535.	0.37	4	604.	
2822.54	0.0	1900.	1918.	883.	-3.88	0	2823.00	
22.34	0.0	3.70	5.79	2.87	13.97	2822.91	2820.50	
0.005681	0.038	0.120	0.045	0.120	0.39	-609.21	22.02	
	2800.20	1630.	1630.	1630.	358.	249.	629.37	13086.

CCHV= 0.100 CEHV= 0.500
*SECNO 31.240

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	20670.	7633.	10256.	2780.	0.32	2	607.	
2822.70	0.0	1944.	1939.	910.	-0.04	0	2823.00	
22.50	0.0	3.93	5.29	3.05	0.11	2823.03	2820.50	
0.002131	0.038	0.070	0.030	0.070	0.00	-613.05	20.59	
	2800.20	34.	34.	34.	359.	251.	631.06	13089.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.710

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

31.71	20500.	36.	17818.	2646.	2.78	2	553.	
2832.12	2832.12	23.	1245.	959.	2.46	11	2827.70	
13.62	0.0	1.54	14.31	2.76	9.80	2834.96	2830.00	
0.009383	0.038	0.150	0.045	0.100	1.96	-0.00	47.44	
	2818.50	2515.	2515.	2515.	75.	479.	600.54	13292.

*SECNO 32.360

3265 DIVIDED FLOW

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
32.36	17160.	52.	13132.	3976.	2.23	2	726.	
2864.58	2864.58	26.	962.	1635.	-0.55	19	2857.20	
10.08	0.0	2.02	13.64	2.43	31.81	2866.81	2858.20	
0.009033	0.038	0.130	0.045	0.125	0.05	-0.00	68.06	
	2854.50	3450.	3450.	3450.	59.	696.	823.75	13484.

*SECNO 32.770

3301 HV CHANGED MORE THAN HVINS

32.77	16760.	58.	7476.	9226.	0.85	5	796.	
2881.06	0.0	41.	703.	3218.	-1.38	0	2875.00	
12.75	0.0	1.40	10.63	2.87	14.96	2881.91	2875.50	
0.005147	0.038	0.150	0.045	0.110	0.14	-0.00	21.40	
	2868.30	2230.	2230.	2230.	50.	747.	817.61	13653.

*SECNO 33.580

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2932.300 EGLC= 2933.408
EGC= 2933.505 WSEL= 2931.190

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2932.300 EGLC= 2933.408
EGC= 2933.412 WSEL= 2932.297

3265 DIVIDED FLOW

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

33.58	15970.	0.	10960.	5009.	1.11	13	635.	
2932.30	2932.30	0.	1097.	1664.	0.25	23	2932.30	
14.30	0.0	0.0	9.99	3.01	34.43	2933.41	2934.70	
0.013627	0.039	0.110	0.045	0.130	0.20	-5.05	112.00	
	2918.00	4410.	4410.	4410.	52.	686.	850.00	13993.

*SECNO 33.580

*SECNO 33.580

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

33.58	15970.	3.	9148.	6819.	0.70	2	683.	
2932.89	0.0	5.	1097.	1993.	-0.41	0	2932.30	
14.89	0.0	0.62	8.34	3.42	0.14	2933.59	2937.70	
0.004219	0.039	0.070	0.030	0.070	0.04	-66.61	95.14	
	2918.00	20.	20.	20.	69.	686.	850.00	13994.

*SECNO 33.800

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

33.80	15755.	0.	12438.	3317.	1.90	3	588.	
2940.12	2940.12	0.	1007.	1159.	1.20	10	2941.10	
13.32	0.0	0.0	12.35	2.86	5.42	2942.02	2943.50	
0.005214	0.038	0.070	0.030	0.070	0.96	-0.00	112.48	
	2926.80	1160.	1160.	1160.	52.	686.	850.00	14064.

*SECNO 34.530

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

34.53	15040.	2065.	12975.	0.	3.26	15	356.	
2977.50	2977.50	1067.	833.	0.	1.36	15	2973.20	
10.8	0.0	1.93	15.58	0.0	20.66	2980.76	2978.50	
0.005717	0.038	0.150	0.030	0.130	1.09	-0.00	37.21	
	2966.70	3790.	3790.	3790.	310.	46.	393.07	14241.

ED4

THIS RUN EXECUTED 02/14/81 9:55:01

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1 YANCEY COUNTY NC FEMA STUDY 3915
T2 100 YEAR FLOODWAY 3920
T3 CANE RIVER 3925

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ

0. 6. 0. 0. 0.0 0. 0.0 0. 2042.84 0.0 3930

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE

15, 0. -1. 0. 0. 0.0 0.0 0. 0. 0. 3935

F04

*PROF 2

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*PROF 2

CCHV=  0.100 CEHV=   0.500
*SECNO .020
    CANE RIVER                    100 YEAR FLOODWA     02/14/81
  MILE       Q          QLOB       QCH        QROB       HV         ITRIAL     TOPWID
  ELEV       CRIWS      ALOB       ACH        AROB       DHV        IDC        BANK ELEV
  DEPTH      WSELK      VLOB       VCH        VROB       HL         EG       LEFT/RIGHT
  SLOPE      WIN        XNL        XNCH       XNR        OLOSS      CORAR      SSTA
             ELMIN      XLOBL      XLCH       XLOBR      WSDL       WSDR       ENDST       VOL

3470 ENCROACHMENT STATIONS=     125.0     425.0  TYPE=     1  TARGET=     300.000
     0.02     42490.      6435.     36032.       23.      4.24          0      300.
  2042.84       0.0      1477.      2018.       16.      0.50          0  2030.90
    19.94   2041.84        4.36      17.85      1.41       0.0    2047.08  2032.50
 0.003272       0.0       0.080      0.030     0.080       0.0      -0.00   125.00
             2022.90          0.         0.        0.      237.       63.   425.00        0.

CCHV=  0.100 CEHV=   0.800
*SECNO .270
     3700.   BRIDGE STENCL=     50.00    STENCR=     260.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

3470 ENCROACHMENT STATIONS=      50.0     260.0  TYPE=     1  TARGET=     210.000
     0.27     42470.       10.     42460.        0.      3.54          3      206.
  2050.37       0.0         9.      2811.        0.     -0.70          0  2050.00
    23.37   2049.80        1.07      15.10      0.0       6.76    2053.91  2053.90
 0.007823       0.030      0.080      0.030     0.080       0.07    -240.98   50.00
             2027.00       1400.      1400.     1400.       113.       94.   256.14      102.

CCHV=  0.100 CEHV=   0.500
*SECNO .270

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

3470 ENCROACHMENT STATIONS=      50.0     260.0  TYPE=     1  TARGET=     210.000
     0.27     42470.       26.     42444.        0.      3.49          2      207.
  2050.70       0.0         15.      2829.        0.     -0.05          0  2050.00
    23.70   2050.08        1.73      15.00      0.0       0.28    2054.19  2053.90
 0.008457       0.030      0.070      0.030     0.070       0.00    -287.40   50.00
             2027.00         34.        34.       34.       113.       94.   256.99      104.

CCHV=  0.100 CEHV=   0.800
*SECNO .970

3470 ENCROACHMENT STATIONS=      75.0     255.0  TYPE=     1  TARGET=     180.000
     0.97     42415.      4179.     38144.       91.      3.84          5      180.
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2063.28       0.0        860.      2310.       44.      0.35          0  2046.90
  25.28   2062.43        4.86      16.51      2.05     12.65    2067.12  2054.10
                                                        0.28      -0.00    75.00
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3470 ENCROACHMENT STATIONS=      75.0     255.0
     0.97     42415.      4179.     38144.       91.       3.84            5        180.
```

G04

```
  2063.28      0.0          860.      2310.       44.       0.35          0    2046.90
    25.48   2062.43         4.86      16.51       2.05     12.65    2067.12    2054.10
 0.001932     0.030        0.070      0.030      0.070      0.28      -0.00      75.00
            2037.80        3575.      3575.      3575.      123.        57.     255.00        353.

CCHV=    0.100 CEHV=    0.500
*SECNO 1.550

3301 HV CHANGED MORE THAN HVINS

   CANE RIVER                         100 YEAR FLOODWA     02/14/81
  MILE        Q          QLOB        QCH        QROB       HV         ITRIAL     TOPWID
  ELEV        CRIWS      ALOB        ACH        AROB       DHV        IDC        BANK ELEV
  DEPTH       WSELK      VLOB        VCH        VROB       HL         EG      LEFT/RIGHT
  SLOPE       WTN        XNL         XNCH       XNR        OLOSS      CORAR      SSTA
              ELMIN      XLOBL       XLCH       XLOBR      WSDL       WSDR       ENDST        VOL

3470 ENCROACHMENT STATIONS=      50.0      300.0  TYPE=      1   TARGET=     250.000
     1.55     42370.       3249.     38881.       240.      3.11          3       250.
  2069.23       0.0         948.      2637.       104.     -0.73          0    2058.00
    20.23   2068.34         3.43      14.74       2.31      5.14    2072.34    2060.80
 0.001382     0.028        0.080      0.025      0.070      0.07      -0.00      50.00
            2049.00        3170.      3170.      3170.      161.        89.     300.00        604.

*SECNO 2.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=      75.0      425.0  TYPE=      1   TARGET=     350.000
     2.00     42335.       1641.     35595.      5099.      2.44          3       350.
  2074.82       0.0         465.      2629.      1144.     -0.67          0    2065.80
    17.82   2074.92         3.53      13.54       4.46      4.85    2077.26    2066.90
 0.003421     0.031        0.100      0.040      0.080      0.07      -0.00      75.00
            2057.00        2350.      2350.      2350.      135.       215.     425.00        818.

CCHV=    0.100 CEHV=    0.800
*SECNO 2.750

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=      25.0      205.0  TYPE=      1   TARGET=     180.000
     2.75     42280.         29.     41925.       326.      2.96          3       180.
  2091.87       0.0          23.      3026.       102.      0.52          0    2079.70
    23.97   2091.22         1.23      13.85       3.22     17.15    2094.82    2079.30
 0.005533     0.037        0.130      0.055      0.110      0.41      -0.00      25.00
            2067.90        4000.      4000.      4000.       84.        96.     205.00       1157.

CCHV=    0.100 CEHV=    0.500
*SECNO 3.520
     3700.   BRIDGE STENCL=      50.00    STENCR=     250.00

3301 HV CHANGED MORE THAN HVINS
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H04

3301 HV CHANGED MORE THAN HVINS

H04

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3470 ENCROACHMENT STATIONS=			50.0	250.0	TYPE= 1	TARGET=	200.000	
	3.52	42220.	8.	40575.	1637.	1.39	4	200.
	2118.96	0.0	8.	4227.	353.	-1.57	0	2110.50
	31.56	2118.23	0.96	9.60	4.64	25.37	2120.35	2110.00
	0.006966	0.039	0.120	0.045	0.100	0.16	-206.71	50.00
		2087.40	4100.	4100.	4100.	81.	119.	250.00 1521.

*SECNO 3.520

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3470 ENCROACHMENT STATIONS=			50.0	250.0	TYPE= 1	TARGET=	200.000	
	3.52	42220.	9.	40629.	1582.	1.38	2	200.
	2119.07	0.0	9.	4246.	357.	-0.01	0	2110.50
	31.67	2118.33	1.09	9.57	4.43	0.10	2120.45	2110.00
	0.003060	0.039	0.070	0.030	0.070	0.00	-206.70	50.00
		2087.40	23.	23.	23.	81.	119.	250.00 1524.

*SECNO 4.220

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS=			200.0	500.0	TYPE= 1	TARGET=	300.000	
	4.22	40935.	507.	39585.	843.	1.71	4	300.
	2125.41	0.0	247.	3711.	381.	0.33	0	2115.00
	21.51	2124.46	2.05	10.67	2.22	6.50	2127.12	2116.00
	0.001143	0.038	0.090	0.030	0.090	0.17	-0.00	200.00
		2103.90	3665.	3665.	3665.	141.	159.	500.00 1900.

*SECNO 5.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 100.0 350.0 TYPE= 1 TARGET= 250.000

5.00	40935.	0.	40935.	0.	5.56	3	195.	
2136.14	2136.14	0.	2164.	0.	3.85	15	2137.70	
17.34	2136.13	0.0	18.92	0.0	10.06	2141.70	2140.10	
0.008599	0.036	0.090	0.030	0.090	1.92	-0.00	111.00	
	2118.80	4100.	4100.	4100.	100.	98.	308.57	2206.

*SECNO 5.140
3700. BRIDGE STENCL= 100.00 STENCR= 350.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

3470 ENCROACHMENT STATIONS= 100.0 350.0 TYPE= 1 TARGET= 250.000

5.14	40690.	302.	39274.	1114.	3.02	6	250.	
2146.25	0.0	62.	2776.	204.	-2.54	0	2140.70	
24.45	2146.36	4.85	14.15	5.47	7.32	2149.27	2143.10	
0.011848	0.036	0.080	0.030	0.080	0.25	-809.92	100.00	
	2121.80	730.	730.	730.	111.	139.	350.00	2250.

*SECNO 5.140

**** GR CARDS REPEATED

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

3470 ENCROACHMENT STATIONS= 100.0 350.0 TYPE= 1 TARGET= 250.000

5.14	40690.	327.	39123.	1240.	2.71	2	250.	
2146.92	0.0	70.	2910.	230.	-0.30	0	2140.70	
25.12	2146.96	4.69	13.44	5.39	0.34	2149.64	2143.10	
0.010036	0.036	0.080	0.030	0.080	0.03	-809.93	100.00	
	2121.80	31.	31.	31.	111.	139.	350.00	2252.

*SECNO 5.980

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 50.0 210.0 TYPE= 1 TARGET= 160.000

5.98	40460.	273.	40172.	15.	4.71	6	160.	
2169.29	0.0	152.	2298.	14.	2.00	0	2159.20	
24.39	2168.73	1.80	17.48	1.05	23.36	2174.00	2166.00	
0.003082	0.035	0.150	0.030	0.120	1.00	-0.00	50.00	
	2144.90	4570.	4570.	4570.	88.	72.	210.00	2550.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.600
CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT

XNCH XNR QLOSS CORAR SSTA

ELEV	CRIWS	ALOB	ACH	AROB	DTH		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT

J04

SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3470 ENCROACHMENT STATIONS=			70.0	240.0	TYPE= 1	TARGET=	170.000	
6.60	40295.	4.	40288.	3.	4.31	3	168.	
2185.26	0.0	4.	2418.	3.	-0.40	0	2183.60	
21.06	2185.74	0.96	16.66	0.92	15.53	2189.57	2183.50	
0.009149	0.037	0.150	0.050	0.130	0.04	-0.00	70.00	
	2164.20	3150.	3150.	3150.	84.	84.	238.13	2726.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930
3700. BRIDGE STENCL= 60.00 STENCR= 275.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

3470 ENCROACHMENT STATIONS=			60.0	275.0	TYPE= 1	TARGET=	215.000	
6.93	40205.	61.	38382.	1762.	1.82	4	215.	
2202.98	0.0	34.	3476.	366.	-2.49	0	2194.50	
28.98	2202.14	1.77	11.04	4.81	14.99	2204.81	2193.60	
0.008501	0.037	0.150	0.040	0.130	0.25	-765.41	60.00	
	2174.00	1700.	1700.	1700.	93.	122.	275.00	2849.

CCHV= 0.100 CEHV= 0.500
*SECNO 6.930

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

3470 ENCROACHMENT STATIONS=			60.0	275.0	TYPE= 1	TARGET=	215.000	
6.93	40205.	89.	37872.	2244.	1.71	2	215.	
03.32	0.0	36.	3536.	378.	-0.11	0	2194.50	
29.32	2202.59	2.50	10.71	5.94	0.21	2205.03	2193.60	
0.005985	0.037	0.090	0.035	0.090	0.01	-765.41	60.00	
	2174.00	30.	30.	30.	93.	122.	275.00	2852.

*SECNO 7.380

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=			20.0	220.0	TYPE= 1	TARGET=	200.000	
7.38	40085.	133.	38137.	1815.	2.38	4	200.	
2208.41	0.0	121.	3009.	626.	0.67	0	2194.50	
21.81	2207.43	1.10	12.67	2.90	5.42	2210.79	2192.00	
0.001196	0.036	0.150	0.030	0.100	0.34	-0.00	20.00	
	2186.60	2370.	2370.	2370.	84.	116.	220.00	3062.

CCHV= 0.100 CEHV= 0.800

K04

CCHV= 0.100 CEHV= 0.800

KD4

*SECNO 8.240

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7135 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
3470 ENCROACHMENT STATIONS=			60.0	230.0	TYPE= 1	TARGET=	170.000	
8.24	39855.	43.	39780.	32.	6.22	3	170.	
2225.99	2225.99	19.	1986.	13.	3.84	19	2221.50	
15.09	2226.05	2.21	20.03	2.46	12.88	2232.21	2221.50	
0.016341	0.038	0.150	0.050	0.120	3.07	-0.00	60.00	
	2210.90	4360.	4360.	4360.	86.	84.	230.00	3351.

*SECNO 9.310

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3470 ENCROACHMENT STATIONS=			5.0	155.0	TYPE= 1	TARGET=	150.000	
9.31	39565.	4.	39512.	49.	3.15	7	150.	
2269.37	0.0	6.	2772.	26.	-3.07	0	2263.00	
25.77	2269.02	0.68	14.26	1.87	40.01	2272.52	2263.00	
0.003888	0.039	0.125	0.045	0.090	0.31	-0.00	5.00	
	2243.60	5680.	5680.	5680.	74.	76.	155.00	3665.

*SECNO 9.980

3700. BRIDGE STENCL= 15.00 STENCR= 245.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

3470 ENCROACHMENT STATIONS=			15.0	245.0	TYPE= 1	TARGET=	230.000	
9.98	37025.	1269.	34374.	1383.	2.14	3	230.	
2294.33	0.0	274.	2839.	265.	-1.01	0	2286.60	
28.33	2293.80	4.63	12.11	5.21	23.85	2296.47	2284.60	
0.014971	0.039	0.130	0.045	0.130	0.70	-756.57	15.00	
	2266.00	3570.	3570.	3570.	123.	107.	245.00	3918.

CCHV= 0.100 CEHV= 0.500

L04

*SECNO 9.980

CCHV= 0.100 CEHV= 0.500

L04

*SECNO 9.980

*** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

3470 ENCROACHMENT STATIONS=			15.0	245.0	TYPE= 1	TARGET=	230.000	
9.98	37025.	1668.	33630.	1728.	1.91	2	230.	
2294.90	0.0	298.	2931.	281.	-0.24	0	2286.60	
28.90	2294.43	5.60	11.47	6.15	0.31	2296.81	2284.60	
0.005724	0.039	0.070	0.030	0.070	0.02	-756.57	15.00	
	2266.00	36.	36.	36.	123.	107.	245.00	3921.

CCHV= 0.100 CEHV= 0.800

*SECNO 11.230

3700. BRIDGE STENCL= 105.00 STENCR= 295.00

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

3470 ENCROACHMENT STATIONS=			105.0	295.0	TYPE= 1	TARGET=	190.000	
11.23	36680.	2119.	34101.	460.	1.81	5	190.	
2347.80	0.0	336.	3075.	117.	-0.09	0	2335.80	
33.30	2347.11	6.31	11.09	3.93	52.80	2349.61	2339.50	
0.012642	0.040	0.110	0.050	0.150	0.01	-761.28	105.00	
	2314.50	6465.	6465.	6465.	103.	87.	295.00	4443.

*SECNO 11.230

*** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

3470 ENCROACHMENT STATIONS=			105.0	295.0	TYPE= 1	TARGET=	190.000	
11.23	36680.	2030.	34036.	614.	1.75	1	190.	
2348.13	0.0	346.	3123.	122.	-0.07	0	2335.80	
33.63	2347.46	5.87	10.90	5.04	0.25	2349.87	2339.50	
0.004305	0.040	0.070	0.030	0.070	0.01	-761.28	105.00	
	2314.50	37.	37.	37.	103.	87.	295.00	4446.

*SECNO 12.000

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOODWA		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

3470 ENCROACHMENT STATIONS= 105.0 295.0 TYPE= 1 TARGET= 190.000

MD4

12.00	36465	9	36456.	0.	4.20	4	161.
						0	2366.30

3470 ENCROACHMENT STATIONS= 105.0 293.0 TYPE=

12.00	36465.	9.	36456.	0.	4.20	4	161.	
2367.13	0.0	9.	2217.	0.	2.45	0	2366.30	
22.13	2367.03	1.08	16.44	0.0	19.49	2371.33	2370.00	
0.005283	0.040	0.070	0.030	0.070	1.96	-0.00	119.43	
	2345.00	4100.	4100.	4100.	88.	73.	280.00	4720.

CCHV= 0.100 CEHV= 0.800
*SECNO 12.260

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 20.0 205.0 TYPE= 1 TARGET= 185.000

12.26	36395.	80.	36259.	57.	1.49	3	185.	
2372.91	0.0	91.	3698.	61.	-2.71	0	2361.00	
25.41	2372.90	0.88	9.81	0.93	2.80	2374.40	2361.00	
0.000906	0.039	0.150	0.035	0.120	0.27	-0.00	20.00	
	2347.50	1545.	1545.	1545.	94.	91.	205.00	4828.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 30.0 225.0 TYPE= 1 TARGET= 195.000

12.75	36260.	39.	35151.	1070.	6.33	3	192.	
2379.92	2379.92	20.	1715.	233.	4.84	14	2374.50	
16.92	2379.94	2.01	20.49	4.60	5.97	2386.25	2370.50	
0.014714	0.040	0.150	0.050	0.130	3.88	-0.00	32.78	
	2363.00	2570.	2570.	2570.	69.	123.	225.00	5000.

*SECNO 12.750
CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 30.0 225.0 TYPE= 1 TARGET= 195.000

12.75	36260.	100.	34490.	1670.	6.70	2	195.	
2381.66	2381.66	34.	1621.	346.	0.37	11	2374.50	
18.66	2381.72	2.93	21.27	4.83	0.77	2388.36	2367.30	
0.004682	0.040	0.070	0.030	0.070	0.29	-0.00	30.45	
	2363.00	100.	100.	100.	60.	135.	225.00	5004.

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*SECNO 12.750
    3700.   BRIDGE STENCL=     30.00    STENCR=     225.00

3301 HV CHANGED MORE THAN HVINS

     CANE RIVER                          100 YEAR FLOODWA      02/14/81
   MILE        Q          QLOB       QCH        QROB       HV         ITRIAL     TOPWID
   ELEV        CRIWS      ALOB       ACH        AROB       DHV        IDC        BANK ELEV
   DEPTH       WSELK      VLOB       VCH        VROB       HL         EG      LEFT/RIGHT
   SLOPE       WTN        XNL        XNCH       XNR        OLOSS      CORAR      SSTA
               ELMIN      XLOBL      XLCH       XLOBR      WSDL       WSDR       ENDST      VOL

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=       30.0       225.0  TYPE=        1  TARGET=      195.000
     12.75      36260.       182.     30993.      5085.       5.23          4      195.
   2384.91     2384.91        27.      1608.       438.      -1.47         19   2381.70
     21.01     2385.39       6.81      19.27      11.60       0.01    2390.14   2380.10
 0.036090        0.040      0.070      0.040      0.070       0.15    -246.30     30.00
               2363.90         1.         1.         1.        60.       135.    225.00     5004.

CCHV=  · 0.100 CEHV=   0.500
*SECNO 12.750

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

     CANE RIVER                          100 YEAR FLOODWA      02/14/81
   MILE        Q          QLOB       QCH        QROB       HV         ITRIAL     TOPWID
   ELEV        CRIWS      ALOB       ACH        AROB       DHV        IDC        BANK ELEV
   DEPTH       WSELK      VLOB       VCH        VROB       HL         EG      LEFT/RIGHT
   SLOPE       WTN        XNL        XNCH       XNR        OLOSS      CORAR      SSTA
               ELMIN      XLOBL      XLCH       XLOBR      WSDL       WSDR       ENDST      VOL

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

3470 ENCROACHMENT STATIONS=       30.0       225.0  TYPE=        1  TARGET=      195.000
     12.75      36260.       256.     30671.      5333.       3.94          4      195.
   2386.94         0.0        47.      1811.       611.      -1.28          0   2381.70
     23.04     2386.69       5.45      16.94       8.73       0.62    2390.89   2380.10
 0.013382        0.040      0.070      0.030      0.070       0.13    -246.30     30.00
               2363.90        30.        30.        30.        60.       135.    225.00     5006.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=       30.0       225.0  TYPE=        1  TARGET=      195.000
     12.75      36260.       235.     32694.      3330.       2.96          3      195.
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B05

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                0.0        .98       2258.       887.      -0.99          0   2374.50
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3470 ENCROACHMENT STATIONS=
12.75 36260. 235. 32694. 3350. 2.70

B05

2388.03 0.0 98. 2258. 887. -0.99 0 2374.50
25.03 2387.69 2.40 14.48 3.75 0.00 2390.99 2367.30
0.001395 0.040 0.070 0.030 0.070 0.10 -0.00 30.00
2363.00 1. 1. 1. 60. 135. 225.00 5006.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 30.0 225.0 TYPE= 1 TARGET= 195.000
12.75 36260. 137. 33388. 2736. 1.98 2 195.
2389.14 0.0 109. 2850. 805. -0.98 0 2374.50
26.14 2388.82 1.26 11.71 3.40 0.03 2391.11 2370.50
0.000879 0.040 0.110 0.030 0.070 0.10 -0.00 30.00
2363.00 25. 25. 25. 72. 123. 225.00 5008.

CCHV= 0.100 CEHV= 0.800
*SECNO 13.440
3700. BRIDGE STENCL= 190.00 STENCR= 405.00
3840 SECTION NOT HIGH ENOUGH**********100050.00 2379.10100050.00 2388.57 2

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

3470 ENCROACHMENT STATIONS= 190.0 405.0 TYPE= 1 TARGET= 215.000
13.44 36070. 0. 36070. 0. 4.55 3 163.
2397.17 2395.38 0. 2106. 0. 2.58 12 2418.20
18.07 2397.08 0.0 17.12 0.0 8.55 2401.73 100000.00
0.017131 0.040 0.130 0.045 0.130 2.06 -0.00 220.84
2379.10 3670. 3670. 3670. 77. 98. 395.86 5255.

CCHV= 0.100 CEHV= 0.500
*SECNO 13.440

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

3470 ENCROACHMENT STATIONS= 190.0 405.0 TYPE= 1 TARGET= 215.000
13.44 36070. 0. 36070. 0. 3.68 3 172.
2398.60 0.0 0. 2344. 0. -0.88 0 2418.20
19.50 2398.58 0.0 15.39 0.0 0.46 2402.28 100000.00
0.010497 0.040 0.070 0.040 0.070 0.09 -0.00 218.68

C05

2379.10 35 35 35. 79. 105. 402.94 5257.

2398.60	0.0	0.	2344.	0.				
19.50	2398.58	0.0	15.39	0.0	0.46	2402.28	100000.00	
0.010497	0.040	0.070	0.040	0.070	0.09	-0.00	218.68	

C05

2379.10	35.	35.	35.	79.	105.	402.94	5257.	

CCHV= 0.100 CEHV= 0.800

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3470 ENCROACHMENT STATIONS=			20.0	170.0	TYPE= 1	TARGET=	150.000	
14.13	35880.	255.	35296.	329.	2.84	6	150.	
2417.97	0.0	119.	2587.	168.	-0.83	0	2402.10	
24.07	2417.90	2.15	13.64	1.96	18.46	2420.82	2405.30	
0.003094	0.040	0.140	0.045	0.150	0.08	-0.00	20.00	
	2393.90	3545.	3545.	3545.	73.	77.	170.00	5469.

*SECNO 14.730

3470 ENCROACHMENT STATIONS=			15.0	185.0	TYPE= 1	TARGET=	170.000	
14.73	35715.	463.	34636.	566.	3.04	4	170.	
2423.25	0.0	102.	2445.	277.	0.19	0	2411.50	
20.05	2425.16	2.85	14.19	2.05	7.32	2428.29	2414.20	
0.001757	0.040	0.120	0.030	0.150	0.16	-0.00	15.00	
	2405.20	3200.	3200.	3200.	80.	90.	185.00	5681.

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=			15.0	185.0	TYPE= 1	TARGET=	170.000	
14.73	35715.	11.	33593.	2111.	3.78	2	170.	
2425.27	0.0	9.	2102.	277.	0.74	0	2411.90	
15.47	2425.21	1.19	15.98	7.62	0.17	2429.05	2414.20	
0.005302	0.040	0.070	0.040	0.070	0.60	-0.00	15.00	
	2409.80	60.	60.	60.	74.	96.	185.00	5684.

*SECNO 14.730

**** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=			15.0	185.0	TYPE= 1	TARGET=	170.000	
14.73	35715.	11.	33585.	2118.	3.68	2	170.	
2425.46	0.0	9.	2130.	281.	-0.10	0	2411.90	
15.66	2425.40	1.17	15.77	7.53	0.08	2429.14	2414.20	
0.005077	0.040	0.070	0.040	0.070	0.01	-0.00	15.00	
	2409.80	15.	15.	15.	74.	96.	185.00	5685.

*SECNO 14.730

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*SECNO 14.730
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D05

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3470 ENCROACHMENT STATIONS=      15.0      185.0  TYPE=      1   TARGET=      170.000
   14.73     35715.      662.     34334.      719.      3.40        2      170.
 2425.82       0.0       148.      2277.      248.     -0.28        0   2413.30
   18.82   2425.49       4.49      15.08      2.90      0.05  2429.22   2416.00
0.002181     0.040      0.080      0.030     0.110      0.03    -0.00     15.00
           2407.00        15.        15.       15.       80.      90.    185.00     5686.

*SECNO 15.190

3301 HV CHANGED MORE THAN HVINS

   CANE RIVER                      100 YEAR FLOODWA     02/14/81
  MILE       Q          QLOB       QCH        QROB       HV         ITRIAL     TOPWID
  ELEV       CRIWS      ALOB       ACH        AROB       DHV        IDC        BANK ELEV
  DEPTH      WSELK      VLOB       VCH        VROB       HL         EG      LEFT/RIGHT
  SLOPE      WTN        XNL        XNCH       XNR        OLOSS      CORAR      SSTA
             ELMIN      XLOBL      XLCH       XLOBR      WSDL       WSDR       ENDST      VOL

3470 ENCROACHMENT STATIONS=      60.0      195.0  TYPE=      1   TARGET=      135.000
   15.19     35585.      295.     34631.      359.      5.90        2      135.
 2435.25       0.0        86.      1753.      154.      2.50        0   2424.50
   18.45   2435.28       3.44      19.75      4.28      9.94  2441.16   2423.90
0.009109     0.040      0.120      0.045     0.135      2.00    -0.00     60.00
           2416.80      2530.      2530.     2530.       65.      70.    195.00     5821.

CCHV=   0.100 CEHV=   0.500
*SECNO 15.870

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=     150.0      300.0  TYPE=      1   TARGET=      150.000
   15.87     35400.      333.     35028.       39.      3.44        3      150.
 2450.88       0.0       166.      2342.       42.     -2.47        0   2439.10
   22.38   2450.60       2.00      14.96      0.92     12.92  2454.32   2439.50
0.001979     0.040      0.115      0.030     0.150      0.25    -0.00    150.00
           2428.50      3500.      3500.     3500.       83.      67.    300.00     6004.

CCHV=   0.100 CEHV=   0.800
*SECNO 16.200
     3700.    BRIDGE STENCL=     80.00    STENCR=     350.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

3470 ENCROACHMENT STATIONS=      80.0      350.0  TYPE=      1   TARGET=      270.000
   16.20     35310.     5064.     29774.      471.      2.13        2      270.
 2459.51       0.0       665.      2411.      157.     -1.31        0   2450.70
   25.11   2459.35       7.61      12.35      3.00      7.19  2461.64   2451.70
0.015300     0.040      0.100      0.040     0.150      0.13  -680.14     80.00
           2434.40      1680.      1680.     1680.      154.     116.    350.00     6116.
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E05

CCHV= 0.100 CEHV= 0.500
*SECNO 16.200

*** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

3470 ENCROACHMENT STATIONS=			80.0	350.0	TYPE= 1	TARGET=	270.000	
16.20	35310.	5504.	28958.	848.	1.85	2	270.	
2460.11	0.0	710.	2508.	179.	-0.27	0	2450.70	
25.71	2459.94	7.75	11.55	4.74	0.30	2461.97	2451.70	
0.007145	0.040	0.070	0.030	0.070	0.03	-680.14	80.00	
	2434.40	30.	30.	30.	154.	116.	350.00	6118.

*SECNO 16.970
3280 CROSS SECTION 16.97 EXTENDED 1.65 FEET

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=			25.0	235.0	TYPE= 1	TARGET=	210.000	
16.97	35095.	1088.	33704.	303.	2.44	6	210.	
2469.65	0.0	624.	2633.	187.	0.59	0	2461.70	
27.75	2468.99	1.74	12.80	1.62	9.83	2472.09	2453.90	
0.001152	0.039	0.110	0.030	0.150	0.30	-0.00	25.00	
	2441.90	4180.	4180.	4180.	138.	72.	235.00	6446.

*SECNO 17.460

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3470 ENCROACHMENT STATIONS=			50.0	500.0	TYPE= 1	TARGET=	450.000	
17.46	34960.	240.	25991.	8730.	2.32	4	450.	
2473.39	0.0	139.	1844.	3353.	-0.13	0	2461.40	
19.49	2473.32	1.72	14.09	2.60	3.60	2475.70	2461.10	
0.001772	0.039	0.120	0.030	0.110	0.01	-0.00	50.00	
	2453.90	2550.	2550.	2550.	63.	387.	500.00	6703.

*SECNO 17.770

3470 ENCROACHMENT STATIONS=			100.0	525.0	TYPE= 1	TARGET=	425.000	
17.77	34875.	11306.	22372.	1197.	2.30	2	425.	
2476.53	0.0	3723.	1487.	527.	-0.02	0	2463.20	
19.73	2476.00	3.04	15.05	2.27	3.13	2478.84	2464.00	
0.002039	0.039	0.120	0.030	0.130	0.00	-0.00	100.00	
	2456.80	1650.	1650.	1650.	337.	88.	525.00	6913.

*SECNO 18.270

TARGET= 600.000

F05

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*SECNO 18.270

3470 ENCROACHMENT STATIONS=       75.0       675.0  TYPE=       1   TARGET=       600.000
     18.27    34740.        38.     27536.     7166.      1.99           2        600.
   2481.54      0.0         38.      2176.     3412.     -0.32           0     2476.50
     20.54   2480.80       1.02     12.66       2.10      4.65     2483.52     2472.50
  0.001618     0.039      0.120      0.030     0.110      0.03       -0.00       75.00
             2461.00      2570.      2570.     2570.       75.        525.      675.00      7248.

*SECNO 18.270

3301  HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=       75.0       675.0  TYPE=       1   TARGET=       600.000
     18.27    34740.      1625.     22450.    10665.      1.20           3        600.
   2482.53      0.0        426.      2098.     3698.     -0.79           0     2463.10
     21.53   2481.98       3.82     10.70       2.88      0.13     2483.73     2472.40
  0.001068     0.039      0.070      0.030     0.070      0.08       -0.00       75.00
             2461.00       100.       100.      100.       96.        504.      675.00      7262.

*SECNO 18.270
     3700.   BRIDGE STENCL=      75.00    STENCR=     675.00

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

3470 ENCROACHMENT STATIONS=       75.0       675.0  TYPE=       1   TARGET=       600.000
     18.27    34740.         7.     18467.    16267.      1.13           2        600.
   2482.61      0.0         10.      1756.     2954.     -0.07           0     2482.50
     21.11   2482.30       0.66     10.52       5.51      0.00     2483.74     2482.50
  0.005055     0.039      0.070      0.030     0.070      0.01     -318.06       75.00
             2461.50         1.         1.        1.       96.        504.      675.00      7262.

*SECNO 18.270

*** GR CARDS REPEATED
       CANE RIVER                        100 YEAR FLOODWA     02/14/81
     MILE         Q          QLOB       QCH        QROB       HV        ITRIAL     TOPWID
     ELEV        CRIWS       ALOB       ACH        AROB       DHV       IDC        BANK ELEV
     DEPTH       WSELK       VLOB       VCH        VROB       HL        EG       LEFT/RIGHT
     SLOPE       WTN         XNL        XNCH       XNR        OLOSS     CORAR      SSTA
                 ELMIN       XLOBL      XLCH       XLOBR      WSDL      WSDR       ENDST       VOL

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

3470 ENCROACHMENT STATIONS=       75.0       675.0  TYPE=       1   TARGET=       600.000
     18.27    34740.        13.     18184.    16544.      1.09           2        600.
   2482.74      0.0         15.      1756.     3015.     -0.04           0     2482.50
     21.24   2482.39       0.84     10.35       5.49      0.09     2483.84     2482.50
  0.004901     0.039      0.070      0.030     0.070      0.00     -334.83       75.00
             2461.50        19.        19.       19.       96.        504.      675.00      7261.

*SECNO 18.270
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G05

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              STATIONS=          75.0      675.0  TYPE=       1   TARGET=       600.000
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*SECNO 18.270

GD5

3470 ENCROACHMENT STATIONS= 75.0 675.0 TYPE= 1 TARGET= 600.000
18.27 34740. 1621. 22325. 10795. 1.16 2 600.
2482.72 0.0 432. 2120. 3779. 0.06 0 2463.10
21.72 2482.28 3.75 10.53 2.86 0.00 2483.87 2472.40
0.001019 0.039 0.070 0.030 0.070 0.03 -0.00 75.00
2461.00 1. 1. 1. 96. 504. 675.00 7264.

*SECNO 18.270

3470 ENCROACHMENT STATIONS= 75.0 675.0 TYPE= 1 TARGET= 600.000
18.27 34740. 66. 23633. 11040. 1.12 0 600.
2482.78 0.0 50. 2339. 3988. -0.04 0 2476.50
21.78 2482.33 1.33 10.11 2.77 0.02 2483.90 2472.50
0.000937 0.039 0.080 0.030 0.070 0.00 -0.00 75.00
2461.00 25. 25. 25. 75. 525. 675.00 7268.

*SECNO 19.080

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1850.0 2500.0 TYPE= 1 TARGET= 650.000
19.08 31095. 7380. 18810. 4905. 1.62 2 650.
2488.42 0.0 2218. 1456. 1963. 0.51 0 2482.00
15.52 2487.68 3.33 12.91 2.50 5.89 2490.04 2481.00
0.002368 0.038 0.100 0.030 0.100 0.25 -0.00 1850.00
2472.90 4275. 4275. 4275. 276. 374. 2500.00 7857.

*SECNO 19.780

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 100.0 315.0 TYPE= 1 TARGET= 215.000
19.78 30260. 424. 29770. 66. 2.46 3 215.
2496.80 0.0 160. 2345. 48. 0.84 0 2487.00
15.70 2495.88 2.66 12.70 1.38 8.80 2499.27 2490.40
0.002327 0.038 0.090 0.030 0.120 0.42 -0.00 100.00
2481.10 3750. 3750. 3750. 113. 102. 315.00 8210.

CCHV= 0.100 CEHV= 0.800
*SECNO 20.250

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

3470 ENCROACHMENT STATIONS= 85.0 215.0 TYPE= 1 TARGET= 130.000
20.25 29700. D. 29700. D. 4.12 3 130.

H05

3470 ENCROACHMENT STATIONS= 85.0 215.0 TYPE= 1 TARGET= 130.000
20.25 29700. 0. 29700. 0. 4.12 3 130.

HD5

2505.83 0.0 0. 1823. 0. 1.66 0 2500.90
19.83 2505.88 0.0 16.29 0.0 9.36 2509.96 1000000.00
0.006725 0.038 0.100 0.040 0.120 1.33 -0.00 85.00
2486.00 2550. 2550. 2550. 65. 65. 215.00 8338.

CCHV= 0.100 CEHV= 0.500
*SECNO 20.960

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 325.0 625.0 TYPE= 1 TARGET= 300.000
20.96 28855. 125. 28145. 585. 1.35 3 300.
2517.79 0.0 94. 2984. 332. -2.77 0 2513.30
15.69 2517.24 1.33 9.43 1.76 8.90 2519.14 2512.50
0.001172 0.038 0.090 0.030 0.090 0.28 -0.00 325.00
2502.10 3770. 3770. 3770. 135. 165. 625.00 8564.

CCHV= 0.100 CEHV= 0.800
*SECNO 21.300

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 175.0 375.0 TYPE= 1 TARGET= 200.000
21.30 28450. 34. 28307. 110. 5.78 3 145.
2523.79 2523.79 17. 1463. 38. 4.43 11 2519.50
14.29 2523.80 1.95 19.34 2.86 5.19 2529.57 2519.50
0.016502 0.038 0.150 0.050 0.150 3.55 -0.00 211.97
2509.50 1790. 1790. 1790. 71. 74. 356.88 8665.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 175.0 375.0 TYPE= 1 TARGET= 200.000
21.52 28185. 370. 27346. 470. 1.71 4 200.
2533.11 0.0 200. 2566. 232. -4.07 0 2520.00
23.11 2533.10 1.84 10.66 2.03 4.85 2534.83 2520.00
0.001919 0.038 0.110 0.045 0.130 0.41 -0.00 175.00
2510.00 1130. 1130. 1130. 103. 92. 375.00 8724.

*SECNO 21.520
3700. BRIDGE STENCL= 175.00 STENCR= 375.00

3301 HV CHANGED MORE THAN HVINS

3700. BRIDGE STERGE

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

3470 ENCROACHMENT STATIONS= 175.0 375.0 TYPE= 1 TARGET= 200.000

21.52	28185.	0.	28185.	0.	3.16	2	151.	
2532.83	0.0	0.	1977.	0.	1.44	0	2532.80	
23.43	2532.81	0.03	14.26	0.0	0.00	2535.99	2533.80	
0.020080	0.038	0.070	0.045	0.070	1.16	-540.11	199.24	
	2509.40	1.	1.	1.	77.	74.	350.00	8724.

CCHV= 0.100 CEHV= 0.500
*SECNO 21.520

**** GR CARDS REPEATED

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

3470 ENCROACHMENT STATIONS= 175.0 375.0 TYPE= 1 TARGET= 200.000

21.52	28185.	12.	28173.	0.	3.14	2	167.	
2533.45	0.0	7.	1980.	0.	-0.02	0	2532.80	
24.05	2533.43	1.63	14.23	0.0	0.60	2536.59	2533.80	
0.019938	0.038	0.070	0.045	0.070	0.00	-627.12	183.21	
	2509.40	30.	30.	30.	93.	74.	350.00	8725.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 175.0 375.0 TYPE= 1 TARGET= 200.000

21.52	28185.	363.	27277.	545.	1.38	3	200.	
2535.39	0.0	303.	2850.	300.	-1.76	0	2520.00	
25.39	2535.55	1.20	9.57	1.82	0.00	2536.77	2520.00	
0.000598	0.038	0.110	0.030	0.090	0.18	-0.00	175.00	
	2510.00	1.	1.	1.	108.	92.	375.00	8726.

CCHV= 0.100 CEHV= 0.800
*SECNO 22.050

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 50.0 150.0 TYPE= 1 TARGET= 100.000

22.05	27555.	0.	27500.	55.	4.57	4	100.	
2538.25	0.0	0.	1602.	46.	3.19	0	2527.70	
18.25	2538.06	0.0	17.16	1.20	3.50	2542.82	2526.40	
0.003340	0.038	0.130	0.030	0.150	2.55	-0.00	50.00	

52 150.00 8901.

2538.23	0.0	0.					
18.25	2538.06	0.0	17.16	1.20	5.50	2542.02	2560.40
0.003340	0.038	0.130	0.030	0.150	2.55	-0.00	50.00

2520.00 2990. 2990. 2990. 48. 52. 150.00 8901.

CCHV= 0.100 CEHV= 0.500
*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 15.0 175.0 TYPE= 1 TARGET= 160.000

22.85	26600.	27.	26573.	0.	3.90	4	145.	
2553.96	0.0	22.	1676.	0.	-0.66	0	2550.20	
14.96	2552.97	1.24	15.86	0.01	14.98	2557.86	2553.70	
0.003924	0.037	0.130	0.030	0.130	0.07	-0.00	15.00	
	2539.00	4150.	4150.	4150.	76.	69.	160.28	9060.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 15.0 175.0 TYPE= 1 TARGET= 160.000

22.85	26600.	893.	25707.	0.	4.94	2	145.	
2553.87	0.0	270.	1417.	0.	1.04	0	2540.10	
14.87	2552.98	3.31	18.14	0.0	0.43	2558.81	2565.50	
0.004822	0.037	0.130	0.030	0.130	0.52	-0.00	15.00	
	2539.00	100.	100.	100.	96.	49.	160.21	9064.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	1.00	0.01	0.10	0.0

ELCHU	ELCHD
2540.00	2540.00

*SECNO 22.850
3700. BRIDGE STENCL= 15.00 STENCR= 175.00

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
**********	2559.33	0.52	26670.	3.	0.	0.	2540.10

ELTRD
2541.30

2541.30

KO5

3470 ENCROACHMENT STATIONS= 15.0 175.0 TYPE= 1 TARGET= 160.000

22.85	26600.	1220.	25379.	1.	0.56	2	160.	
2576.10	0.0	1003.	4137.	10.	-4.39	0	2540.10	
37.10	2576.10	1.22	6.13	0.14	17.85	2576.66	2565.50	
0.000160	0.037	0.130	0.030	0.130	0.0	-0.00	15.00	
	2539.00	10.	10.	10.	96.	64.	175.00	9065.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 15.0 175.0 TYPE= 1 TARGET= 160.000

22.85	26600.	150.	25816.	633.	1.14	2	160.	
2575.82	0.0	165.	2968.	383.	0.58	0	2555.00	
32.12	2575.83	0.91	8.70	1.65	0.01	2576.96	2557.30	
0.000461	0.037	0.120	0.030	0.100	0.29	-0.00	15.00	
	2543.70	25.	25.	25.	70.	90.	175.00	9067.

*SECNO 23.350

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 25.0 125.0 TYPE= 1 TARGET= 100.000

23.35	26005.	43.	25906.	57.	3.86	2	100.	
2576.77	0.0	43.	1640.	48.	2.72	0	2561.60	
20.27	2576.79	0.98	15.80	1.19	2.32	2580.63	2565.00	
0.002280	0.037	0.135	0.030	0.135	1.36	-0.00	25.00	
	2556.50	2665.	2665.	2665.	49.	51.	125.00	9228.

CCHV= 0.100 CEHV= 0.800
*SECNO 24.140

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 200.0 320.0 TYPE= 1 TARGET= 120.000

24.14	25065.	3079.	21682.	303.	5.59	11	120.	
2595.04	2593.71	507.	1069.	82.	1.73	11	2581.70	
20.54	2594.73	6.07	20.27	3.70	18.61	2600.64	2581.60	
0.013122	0.038	0.130	0.055	0.150	1.39	-0.00	200.00	
	2574.50	4160.	4160.	4160.	81.	39.	320.00	9390.

CCHV= 0.100 CEHV= 0.500
*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 30.0 215.0 TYPE= 1 TARGET= 185.000

24.48	23140.	49.	23076.	15.	1.53	3	185.	
2604.79	0.0	47.	2324.	23.	-4.07	0	2597.50	
15.19	2604.67	1.04	9.93	0.66	5.27	2606.31	2598.70	

L05

0.130 0.030 0.150 0.41 -0.00 30.00

2604.79	0.0	47.	2524.	23.	5.27	2606.31	2598.70
15.19	2604.67	1.04	9.93	0.66			

L05

0.001270	0.038	0.120	0.030	0.150	0.41	-0.00	30.00	
	2589.60	1710.	1710.	1710.	95.	90.	215.00	9469.

*SECNO 24.480
3700. BRIDGE STENCL= 30.00 STENCR= 215.00

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

3470 ENCROACHMENT STATIONS=			30.0	215.0	TYPE= 1	TARGET=	185.000	
24.48	23140.	6250.	15952.	939.	2.47	2	185.	
2604.32	0.0	633.	1161.	123.	0.94	0	2595.00	
15.02	2604.20	9.87	13.74	7.64	0.00	2606.79	2596.00	
0.010591	0.038	0.070	0.030	0.070	0.47	-69.23	30.00	
	2589.30	1.	1.	1.	117.	68.	215.00	9469.

*SECNO 24.480

*** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

3470 ENCROACHMENT STATIONS=			30.0	215.0	TYPE= 1	TARGET=	185.000	
24.48	23140.	6267.	15921.	951.	2.37	2	185.	
2604.53	0.0	647.	1182.	127.	-0.09	0	2595.00	
15.23	2604.43	9.69	13.47	7.52	0.10	2606.90	2596.00	
0.009958	0.038	0.070	0.030	0.070	0.01	-69.23	30.00	
	2589.30	10.	10.	10.	117.	68.	215.00	9470.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=			30.0	215.0	TYPE= 1	TARGET=	185.000	
24.48	23140.	73.	23036.	32.	1.34	3	185.	
2605.66	0.0	55.	2472.	27.	-1.03	0	2597.50	
16.06	2605.56	1.32	9.32	1.18	0.00	2607.00	2598.70	
0.001031	0.038	0.090	0.030	0.080	0.10	-0.00	30.00	
	2589.60	1.	1.	1.	95.	90.	215.00	9470.

*SECNO 25.140

3301 HV CHANGED MORE THAN HVINS

M05

100 YEAR FLOODWA 02/14/81

3301 HV CHANGED MORE THAN HVINC

MD5

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
3470 ENCROACHMENT STATIONS=			40.0	100.0	TYPE= 1	TARGET=	60.000	
25.14	22900.	21.	21676.	1203.	9.90	20	60.	
2626.07	2626.07	19.	836.	249.	8.56	14	2616.00	
23.47	2626.21	1.08	25.93	4.82	7.11	2635.98	2605.10	
0.005921	0.038	0.150	0.030	0.120	4.28	-0.00	40.00	
	2602.60	3480.	3480.	3480.	23.	37.	100.00	9616.

*SECNO 25.310

*** GR CARDS REPEATED

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
3470 ENCROACHMENT STATIONS=			40.0	100.0	TYPE= 1	TARGET=	60.000	
25.31	22835.	21.	21614.	1200.	9.86	2	60.	
2633.66	2633.66	19.	835.	249.	-0.04	5	2623.60	
23.46	2633.82	1.08	25.87	4.81	5.29	2643.52	2612.70	
0.005901	0.037	0.150	0.030	0.120	0.00	-0.00	40.00	
	2610.20	895.	895.	895.	23.	37.	100.00	9638.

*SECNO 25.340

*** GR CARDS REPEATED

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
3470 ENCROACHMENT STATIONS=			40.0	100.0	TYPE= 1	TARGET=	60.000	
25.34	22825.	21.	21605.	1199.	9.85	20	60.	
2643.46	2643.46	19.	835.	249.	-0.01	5	2633.40	
23.46	2643.61	1.08	25.87	4.81	0.94	2653.31	2622.50	
0.005899	0.037	0.150	0.030	0.120	0.00	-0.00	40.00	
	2620.00	160.	160.	160.	23.	37.	100.00	9642.

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*SECNO 26.05D

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=			125.0	375.0	TYPE= 1	TARGET=	250.000	
26.05	22565.	653.	20788.	1724.	1.13	4	250.	
2659.14	0.0	515.	2242.	959.	-8.72	0	2646.40	
19.44	2658.43	1.27	9.00	1.80	6.09	2660.27	2643.90	
0.000733	0.037	0.150	0.030	0.120	0.87	-0.00	125.00	
	2639.70	3775.	3775.	3775.	111.	139.	375.00	9851.

*SECNO 26.05D

3470 ENCROACHMENT STATIONS=			125.0	375.0	TYPE= 1	TARGET=	250.000	
26.05	22565.	1597.	20896.	71.	0.97	2	250.	
2659.35	0.0	525.	2559.	48.	-0.16	0	2646.40	
14.95	2658.83	3.04	8.16	1.50	0.03	2660.32	2650.30	
0.000898	0.037	0.070	0.030	0.070	0.02	-0.00	125.00	
	2644.40	40.	40.	40.	146.	104.	375.00	9854.

*SECNO 26.05D

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=			125.0	375.0	TYPE= 1	TARGET=	250.000	
26.05	22565.	1598.	20896.	71.	0.97	0	250.	
2659.36	0.0	526.	2562.	48.	-0.00	0	2646.40	
14.96	2658.84	3.04	8.16	1.49	0.01	2660.33	2650.30	
0.000895	0.037	0.070	0.030	0.070	0.00	-0.00	125.00	
	2644.40	15.	15.	15.	146.	104.	375.00	9856.

*SECNO 26.05D

3470 ENCROACHMENT STATIONS=			125.0	375.0	TYPE= 1	TARGET=	250.000	
26.05	22565.	859.	19227.	2480.	0.96	0	250.	
2659.38	0.0	526.	2272.	976.	-0.01	0	2646.40	
19.68	2658.80	1.53	8.46	2.54	0.01	2660.34	2643.90	
0.000636	0.037	0.110	0.030	0.080	0.00	-0.00	125.00	
	2639.70	10.	10.	10.	111.	139.	375.00	9856.

*SECNO 26.37D

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	CLOSS	CORAR	SSTA	
	ELMIN	XLCBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS=			350.0	800.0	TYPE= 1	TARGET=	450.000	
26.37	22450.	1540.	20691.	219.	1.07	2	450.	
2660.85	0.0	1042.	2400.	201.	0.11	0	2653.80	
12.55	2660.20	1.48	8.62	1.09	1.53	2661.92	2657.70	
0.001439	0.037	0.150	0.030	0.090	0.05	-0.00	350.00	

1665	1665	1665.	245.	205.	800.00	9998.	

12.33	2660.20						
0.001439	0.037	0.150	0.030	0.090	0.05	-0.00	

2648.30 1665. 1665. 1665. 245. 205. 800.00 9998.

CCHV= 0.100 CEHV= 0.800
*SECNO 26.970

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
26.97	22230.	3634.	18160.	436.	4.17	20	330.	
2679.01	2679.01	1086.	1005.	146.	3.11	14	2665.70	
16.71	2679.05	3.35	18.07	2.99	9.45	2683.19	2666.30	
0.008350	0.037	0.120	0.045	0.140	2.49	-0.00	20.00	
	2662.30	3300.	3300.	3300.	264.	66.	350.00	10221.

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

3470 ENCROACHMENT STATIONS= 20.0 350.0 TYPE= 1 TARGET= 330.000

CCHV= 0.300 CEHV= 0.800
*SECNO 27.480
3700. BRIDGE STENCL= 150.00 STENCR= 560.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

3470 ENCROACHMENT STATIONS= 150.0 560.0 TYPE= 1 TARGET= 410.000

27.48	22045.	7431.	13309.	1305.	0.38	3	410.	
2701.80	0.0	1867.	2410.	398.	-3.80	0	2692.20	
24.80	2701.44	3.98	5.52	3.28	17.86	2702.18	2692.60	
0.005659	0.038	0.120	0.055	0.140	1.14	-784.03	150.00	
	2677.00	2620.	2620.	2620.	287.	123.	560.00	10429.

CCHV= 0.100 CEHV= 0.500
*SECNO 27.480

*** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

3470 ENCROACHMENT STATIONS= 150.0 560.0 TYPE= 1 TARGET= 410.000

27.48	22045.	7097.	13494.	1454.	0.38	2	410.	
2701.90	0.0	1888.	2427.	403.	-0.00	0	2692.20	
24.90	2701.53	3.76	5.56	3.61	0.10	2702.28	2692.60	
0.001691	0.038	0.070	0.030	0.070	0.00	-784.03	150.00	
	2677.00	34.	34.	34.	287.	123.	560.00	10432.

24.90	2701.55							
0.001691	0.038	0.070	0.030	0.070	0.00	-784.02		
	2677.00	34.	34.	34.	287.	123.	560.00	10432.

CD6

*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=			250.0	530.0	TYPE= 1	TARGET=	280.000	
28.18	21790.	2043.	19747.	0.	2.65	3	280.	
2712.92	0.0	558.	1444.	0.	2.27	0	2706.10	
10.22	2712.58	3.66	13.67	0.0	12.16	2715.57	100000.00	
0.009211	0.038	0.120	0.040	0.110	1.14	-0.00	250.00	
	2702.70	3685.	3685.	3685.	189.	91.	530.00	10717.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.500

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3470 ENCROACHMENT STATIONS=			100.0	490.0	TYPE= 1	TARGET=	390.000	
28.50	21670.	2187.	19394.	89.	2.63	4	390.	
2725.59	0.0	1021.	1410.	78.	-0.02	0	2720.40	
20.09	2725.32	2.14	13.75	1.14	12.64	2728.22	2722.90	
0.006542	0.038	0.150	0.050	0.150	0.00	-0.00	100.00	
	2705.50	1640.	1640.	1640.	291.	99.	490.00	10802.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.810

3700. BRIDGE STENCL= 100.00 STENCR= 490.00

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

3470 ENCROACHMENT STATIONS=			100.0	490.0	TYPE= 1	TARGET=	390.000	
28.81	21560.	6284.	15144.	133.	1.48	4	390.	
2736.40	0.0	1164.	1361.	49.	-1.15	0	2732.50	
21.10	2736.44	5.40	11.13	2.72	9.55	2737.88	2736.10	
0.020796	0.038	0.120	0.040	0.110	0.12	-558.72	100.00	
	2715.30	890.	890.	890.	293.	97.	490.00	10854.

*SECNO 28.810

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2737.00

DD6

3470 ENCROACHMENT STATIONS= 100.0 490.0 TYPE= 1 TARGET= 390.000

28.81	21560.	8030.	13295.	235.	0.96	2	390.	
2737.34	0.0	1379.	1491.	77.	-0.52	0	2732.50	
22.04	2737.28	5.82	8.92	3.08	0.37	2738.30	2736.10	
0.006656	0.038	0.070	0.030	0.070	0.05	-558.72	100.00	
	2715.30	34.	34.	34.	293.	97.	490.00	10856.

*SECNO 28.970

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 30.0 100.0 TYPE= 1 TARGET= 70.000

28.97	21500.	139.	21330.	31.	4.23	4	70.	
2742.33	0.0	108.	1287.	35.	3.27	0	2724.30	
23.93	2741.77	1.30	16.57	0.89	5.64	2746.56	2725.10	
0.001998	0.038	0.150	0.030	0.110	2.62	-0.00	30.00	
	2718.40	1690.	1690.	1690.	38.	32.	100.00	10941.

CCHV= 0.100 CEHV= 0.800
*SECNO 29.890

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 255.0 435.0 TYPE= 1 TARGET= 180.000

29.89	21161.	2.	21163.	0.	2.82	2	180.	
2761.81	0.0	3.	1571.	0.	-1.41	0	2759.30	
11.41	2760.76	0.77	13.47	0.0	17.92	2764.63	100000.00	
0.009491	0.038	0.150	0.045	0.100	0.14	-0.00	255.00	
	2750.40	4800.	4800.	4800.	91.	89.	435.00	11106.

*SECNO 30.600
CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS= 240.0 515.0 TYPE= 1 TARGET= 275.000

30.60	20905.	0.	20905.	0.	2.36	6	260.	
2788.40	0.0	0.	1695.	0.	-0.45	0	2791.50	
9.10	2788.70	0.0	12.34	0.0	26.10	2790.77	100000.00	
0.005158	0.038	0.120	0.030	0.110	0.05	-0.00	248.04	
	2779.30	3810.	3810.	3810.	130.	130.	508.13	11249.

*SECNO 30.920

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

E06

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
30.92	20785.	177.	20324.	284.	4.23	3	300.	
2804.32	2804.32	143.	1218.	108.	1.87	11	2803.30	
12.32	2804.30	1.24	16.69	2.63	12.85	2808.55	2798.00	
0.014284	0.038	0.150	0.050	0.150	1.49	-0.00	110.13	
	2792.00	1600.	1600.	1600.	260.	91.	460.92	11307.

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 100.0 600.0 TYPE= 1 TARGET= 500.000

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240
3700. BRIDGE STENCL= 100.00 STENCR= 600.00

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

3470 ENCROACHMENT STATIONS= 100.0 600.0 TYPE= 1 TARGET= 500.000

31.24	20670.	6497.	11383.	2790.	0.39	4	497.	
2822.76	0.0	1605.	1948.	873.	-3.84	0	2823.00	
22.56	2822.54	4.05	5.84	3.20	14.22	2823.16	2820.50	
0.005873	0.038	0.120	0.045	0.120	0.38	-614.05	100.00	
	2800.20	1630.	1630.	1630.	280.	220.	600.00	11417.

CCHV= 0.100 CEHV= 0.500
*SECNO 31.240

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

3470 ENCROACHMENT STATIONS= 100.0 600.0 TYPE= 1 TARGET= 500.000

31.24	20670.	7042.	10570.	3059.	0.35	2	497.	
2822.93	0.0	1636.	1972.	895.	-0.04	0	2823.00	
22.73	2822.70	4.30	5.36	3.42	0.12	2823.28	2820.50	
0.002214	0.038	0.070	0.030	0.070	0.00	-615.69	100.00	
	2800.20	34.	34.	34.	280.	220.	600.00	11421.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.710

F06

3301 HV CHANGED MORE THAN HVINS

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 55.0 275.0 TYPE= 1 TARGET= 220.000

31.71	20500.	19.	19877.	604.	3.50	2	220.	
2832.57	2831.98	13.	1304.	224.	3.15	11	2827.70	
14.07	2832.12	1.50	15.25	2.70	10.27	2836.07	2830.00	
0.010021	0.038	0.150	0.045	0.100	2.52	-0.00	55.00	
	2818.50	2515.	2515.	2515.	67.	153.	275.00	11595.

*SECNO 32.360

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS= 75.0 550.0 TYPE= 1 TARGET= 475.000

32.36	17160.	0.	13013.	4147.	1.92	18	475.	
2865.19	2864.44	0.	1027.	1515.	-1.58	19	2857.20	
10.69	2864.58	0.0	12.68	2.74	30.88	2867.11	2858.20	
0.007881	0.038	0.130	0.045	0.125	0.16	-0.00	75.00	
	2854.50	3450.	3450.	3450.	53.	422.	550.00	11757.

*SECNO 32.770

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 35.0 500.0 TYPE= 1 TARGET= 465.000

32.77	16760.	0.	8272.	8488.	1.07	5	465.	
2881.51	0.0	0.	736.	2411.	-0.85	0	2875.00	
13.21	2881.05	0.0	11.25	3.52	15.38	2882.58	2875.50	
0.006071	0.038	0.150	0.045	0.110	0.09	-0.00	35.00	
	2868.30	2230.	2230.	2230.	36.	429.	500.00	11903.

*SECNO 33.580
3700. BRIDGE STENCL= 60.00 STENCR= 550.00

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2932.300 EGLC= 2934.666
EGC= 2934.721 WSEL= 2931.103

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2932.300 EGLC= 2934.666
EGC= 2934.673 WSEL= 2932.295

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID

ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
					HL	EG	LEFT/RIGHT

CANE RIVER 100 YEAR FLOODWA 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID

GD6

ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 60.0 550.0 TYPE= 1 TARGET= 490.000

33.58	15970.	0.	14273.	1697.	2.37	12	335.	
2932.30	2932.30	0.	1097.	524.	1.30	23	2932.30	
14.30	2932.30	0.0	13.01	3.24	46.09	2934.67	2934.70	
0.023107	0.039	0.110	0.045	0.130	1.04	-5.05	112.00	
	2918.00	4410.	4410.	4410.	52.	386.	550.00	12144.

*SECNO 33.580

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

3470 ENCROACHMENT STATIONS= 60.0 550.0 TYPE= 1 TARGET= 490.000

33.58	15970.	17.	12668.	3286.	1.70	2	410.	
2933.29	0.0	14.	1097.	781.	-0.67	0	2932.30	
15.29	2932.89	1.20	11.55	4.21	0.26	2934.99	2934.70	
0.008090	0.039	0.070	0.030	0.070	0.07	-107.69	84.03	
	2918.00	20.	20.	20.	80.	386.	550.00	12145.

*SECNO 33.800

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 60.0 550.0 TYPE= 1 TARGET= 490.000

33.80	15755.	0.	14367.	1388.	2.49	9	328.	
2940.92	2939.93	0.	1086.	484.	0.79	11	2941.10	
14.12	2940.12	0.0	13.23	2.87	7.79	2943.41	2943.50	
0.005652	0.038	0.070	0.030	0.070	0.63	-0.00	112.08	
	2926.80	1160.	1160.	1160.	52.	386.	550.00	12191.

*SECNO 34.530

HD6

*SECNO 34.530

HD6

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOODWA		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

3470 ENCROACHMENT STATIONS=			275.0	395.0	TYPE= 1	TARGET=	120.000	
34.53	15040.	209.	14831.	0.	4.52	20	118.	
2977.82	2977.82	108.	863.	0.	2.03	15	2973.20	
11.12	2977.50	1.94	17.19	0.0	23.20	2982.35	2978.50	
0.006679	0.038	0.150	0.030	0.130	1.63	-0.00	275.00	
	2966.70	3790.	3790.	3790.	72.	46.	393.37	12301.

THIS RUN EXECUTED 02/14/81 9:55:27

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

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

CANE RIVER

SUMMARY PRINTOUT TABLE 110

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
	0.020	2041.84	0.0	2046.26	381.	0.	0.	0.	300.	423.	7440.	35009.	40.
	0.020	2042.84	1.00	2047.08	300.	300.	125.	425.	300.	423.	6435.	36032.	23.
	0.270	2049.80	0.0	2053.41	204.	0.	0.	0.	67.	258.	2.	42468.	0.
	0.270	2050.37	0.57	2053.91	206.	210.	50.	260.	67.	258.	10.	42460.	0.
	0.270	2050.08	0.0	2053.66	214.	0.	0.	0.	67.	258.	10.	42460.	0.
	0.270	2050.70	0.61	2054.19	207.	210.	50.	260.	67.	258.	26.	42444.	0.
	0.970	2062.43	0.0	2066.03	271.	0.	0.	0.	145.	250.	5306.	36329.	780.
	0.970	2063.28	0.85	2067.12	180.	180.	75.	255.	145.	250.	4179.	38144.	91.
	1.550	2068.34	0.0	2071.75	291.	0.	0.	0.	136.	285.	3345.	38751.	274.
	1.550	2069.23	0.89	2072.34	250.	250.	50.	300.	136.	285.	3249.	38881.	240.
	2.000	2074.92	0.0	2076.96	487.	0.	0.	0.	127.	292.	2804.	33643.	5888.
	2.000	2074.82	-0.10	2077.26	350.	350.	75.	425.	127.	292.	1641.	35595.	5099.
	2.750	2091.22	0.0	2094.25	230.	0.	0.	0.	27.	191.	316.	41282.	682.
	2.750	2091.87	0.65	2094.82	180.	180.	25.	205.	27.	191.	29.	41925.	326.
	3.520	2118.23	0.0	2119.29	397.	0.	0.	0.	51.	210.	1199.	36189.	4832.
	3.520	2118.96	0.73	2120.35	200.	200.	50.	250.	51.	210.	8.	40575.	1637.
	3.520	2118.33	0.0	2119.38	398.	0.	0.	0.	51.	210.	1391.	36152.	4677.
	3.520	2119.07	0.74	2120.45	200.	200.	50.	250.	51.	210.	9.	40629.	1582.
	4.220	2124.46	0.0	2126.05	674.	0.	0.	0.	227.	454.	2658.	37063.	1214.
	4.220	2125.41	0.94	2127.12	300.	300.	200.	500.	227.	454.	507.	39585.	843.
*	5.000	2136.13	0.0	2141.70	194.	0.	0.	0.	111.	311.	0.	40935.	0.
*	5.000	2136.14	0.01	2141.70	195.	250.	100.	350.	111.	311.	0.	40935.	0.
	5.140	2146.36	0.0	2148.73	430.	0.	0.	0.	111.	311.	2172.	36281.	2237.
	5.140	2146.25	-0.11	2149.27	250.	250.	100.	350.	111.	311.	302.	39274.	1114.
	5.140	2146.96	0.0	2149.04	438.	0.	0.	0.	111.	311.	2478.	35682.	2531.
	5.140	2146.92	-0.03	2149.64	250.	250.	100.	350.	111.	311.	327.	39123.	1240.

5.140	2146.96	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5.140	2146.92	-0.03	2149.64	250.	250.	100.	550.	111.	[illegible]	[illegible]	[illegible]

JD6

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
	5.980	2168.73	0.0	2173.74	204.	0.	0.	0.	70.	205.	294.	40119.	46.
	5.980	2169.29	0.56	2174.00	160.	160.	50.	210.	70.	205.	273.	40172.	15.
	6.600	2185.74	0.0	2189.78	183.	0.	0.	0.	73.	235.	17.	40273.	5.
	6.600	2185.26	-0.48	2189.57	168.	170.	70.	240.	73.	235.	4.	40288.	3.
	6.930	2202.14	0.0	2203.52	414.	0.	0.	0.	64.	242.	2257.	33803.	4145.
	6.930	2202.98	0.84	2204.81	215.	215.	60.	275.	64.	242.	61.	38382.	1762.
	6.930	2202.59	0.0	2203.73	420.	0.	0.	0.	64.	242.	3193.	31821.	5191.
	6.930	2203.32	0.74	2205.03	215.	215.	60.	275.	64.	242.	89.	37872.	2244.
	7.380	2207.43	0.0	2209.97	254.	0.	0.	0.	30.	177.	304.	37723.	2058.
	7.380	2208.41	0.98	2210.79	200.	200.	20.	220.	30.	177.	133.	38137.	1815.
*	8.240	2226.05	0.0	2232.18	187.	0.	0.	0.	65.	226.	89.	39725.	41.
*	8.240	2225.99	-0.06	2232.21	170.	170.	60.	230.	65.	226.	43.	39780.	32.
	9.310	2269.02	0.0	2271.96	244.	0.	0.	0.	6.	151.	83.	38105.	1378.
	9.310	2269.37	0.35	2272.52	150.	150.	5.	155.	6.	151.	4.	38512.	49.
	9.980	2293.80	0.0	2295.81	278.	0.	0.	0.	57.	218.	1474.	32873.	2678.
	9.980	2294.33	0.53	2296.47	230.	230.	15.	245.	57.	218.	1269.	34374.	1383.
	9.980	2294.43	0.0	2296.15	280.	0.	0.	0.	57.	218.	1963.	31676.	3386.
	9.980	2294.90	0.47	2296.81	230.	230.	15.	245.	57.	218.	1668.	33630.	1728.
	11.230	2347.11	0.0	2348.88	244.	0.	0.	0.	135.	280.	3206.	32982.	492.
	11.230	2347.80	0.69	2349.61	190.	190.	105.	295.	135.	280.	2119.	34101.	460.
	11.230	2347.46	0.0	2349.15	247.	0.	0.	0.	135.	280.	3130.	32879.	671.
	11.230	2348.13	0.67	2349.87	190.	190.	105.	295.	135.	280.	2030.	34036.	614.
	12.000	2367.03	0.0	2371.28	159.	0.	0.	0.	135.	280.	7.	36458.	0.
	12.000	2367.13	0.10	2371.33	161.	190.	105.	295.	135.	280.	9.	36456.	0.
	12.260	2372.90	0.0	2374.37	216.	0.	0.	0.	29.	199.	177.	36088.	130.
	12.260	2372.91	0.01	2374.40	185.	185.	20.	205	29.	199.	80.	36259.	57.
*	12.750	2379.94	0.0	2386.25	197.	0.	0.	0.	40.	163.	40.	35146.	1074.
*	12.750	2379.92	-0.02	2386.25	192.	195.	30.	225.	40.	163.	39.	35151.	1070.
*	12.750	2381.72	0.0	2388.35	202.	0.	0.	0.	40.	140.	102.	34441.	1717.
*	12.750	2381.66	-0.06	2388.36	195.	195.	30.	225.	40.	140.	100.	34490.	1670.
*	12.750	2385.39	0.0	2389.93	210.	0.	0.	0.	40.	140.	294.	29926.	6040.
*	12.750	2384.91	-0.48	2390.14	195.	195.	30.	225.	40.	140.	182.	30993.	5085.
	12.750	2386.69	0.0	2390.58	224.	0.	0.	0.	40.	140.	367.	30183.	5710.
	12.750	2386.94	0.25	2390.89	195.	195.	30.	225.	40.	140.	256.	30671.	5333.
	12.750	2387.69	0.0	2390.67	232.	0.	0.	0.	40.	140.	313.	32447.	3500.
	12.750	2388.03	0.34	2390.99	195.	195.	30.	225.	40.	140.	235.	32694.	3330.
	12.750	2388.82	0.0	2390.80	235.	0.	0.	0.	40.	163.	218.	33084.	2958.
	12.750	2389.14	0.32	2391.11	195.	195.	30.	225.	40.	163.	137.	33388.	2736.

KD6

12.750	2389.14	0.32	2391.11	195.	195.	30.	225.					

KD6

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
13.440	2397.08	0.0	2401.70	162.	0.	0.	0.	190.	405.	0.	36070.	0.
13.440	2397.17	0.10	2401.73	163.	215.	190.	405.	190.	405.	0.	36070.	0.
13.440	2398.58	0.0	2402.26	172.	0.	0.	0.	190.	405.	0.	36070.	0.
13.440	2398.60	0.02	2402.28	172.	215.	190.	405.	190.	405.	0.	36070.	0.
14.130	2417.90	0.0	2420.67	182.	0.	0.	0.	30.	155.	345.	34875.	659.
14.130	2417.97	0.07	2420.82	150.	150.	20.	170.	30.	155.	255.	35296.	329.
14.730	2425.16	0.0	2428.19	200.	0.	0.	0.	27.	162.	468.	34546.	702.
14.730	2425.25	0.09	2428.29	170.	170.	15.	185.	27.	162.	463.	34686.	566.
14.730	2425.21	0.0	2428.85	201.	0.	0.	0.	16.	162.	34.	33084.	2597.
14.730	2425.27	0.06	2429.05	170.	170.	15.	185.	16.	162.	11.	33593.	2111.
14.730	2425.40	0.0	2428.94	201.	0.	0.	0.	16.	162.	35.	33057.	2622.
14.730	2425.46	0.06	2429.14	170.	170.	15.	185.	16.	162.	11.	33586.	2118.
14.730	2425.49	0.0	2428.99	187.	0.	0.	0.	27.	162.	658.	34215.	842.
14.730	2425.82	0.33	2429.22	170.	170.	15.	185.	27.	162.	662.	34334.	719.
15.190	2435.28	0.0	2440.88	171.	0.	0.	0.	70.	180.	452.	34058.	1076.
15.190	2435.25	-0.03	2441.16	135.	135.	60.	195.	70.	180.	295.	34631.	659.
15.870	2450.60	0.0	2453.92	303.	0.	0.	0.	170.	296.	913.	34256.	230.
15.870	2450.88	0.28	2454.32	150.	150.	150.	300.	170.	296.	333.	35028.	39.
16.200	2459.35	0.0	2460.95	508.	0.	0.	0.	154.	314.	7640.	26682.	988.
16.200	2459.51	0.16	2461.64	270.	270.	80.	350.	154.	314.	5064.	29774.	471.
16.200	2459.94	0.0	2461.23	517.	0.	0.	0.	154.	314.	8258.	25156.	1896.
16.200	2460.11	0.17	2461.97	270.	270.	80.	350.	154.	314.	5504.	28958.	848.
16.970	2468.99	0.0	2471.53	252.	0.	0.	0.	103.	222.	1203.	33455.	437.
16.970	2469.65	0.65	2472.09	210.	210.	25.	235.	103.	222.	1088.	33704.	303.
17.460	2473.32	0.0	2475.08	629.	0.	0.	0.	62.	164.	629.	23624.	10707.
17.460	2473.39	0.07	2475.70	450.	450.	50.	500.	62.	164.	240.	25991.	8730.
17.770	2476.00	0.0	2477.98	682.	0.	0.	0.	395.	478.	11490.	20855.	2530.
17.770	2476.53	0.53	2478.84	425.	425.	100.	525.	395.	478.	11306.	22372.	1197.
18.270	2480.80	0.0	2482.82	832.	0.	0.	0.	85.	215.	58.	26905.	7777.
18.270	2481.54	0.74	2483.52	600.	600.	75.	675.	85.	215.	38.	27536.	7166.
18.270	2481.98	0.0	2483.05	847.	0.	0.	0.	110.	232.	1667.	21146.	11927.
18.270	2482.53	0.55	2483.73	600.	600.	75.	675.	110.	232.	1625.	22450.	10665.
18.270	2482.30	0.0	2483.08	825.	0.	0.	0.	110.	232.	301.	16153.	18286.
18.270	2482.61	0.31	2483.74	600.	600.	75.	675.	110.	232.	7.	18467.	16267.
18.270	2482.39	0.0	2483.16	835.	0.	0.	0.	110.	232.	319.	15947.	18474.
18.270	2482.74	0.35	2483.84	600.	600.	75.	675.	110.	232.	13.	18184.	16544.
18.270	2482.28	0.0	2483.27	847.	0.	0.	0.	110.	232.	1687.	20864.	12189.
18.270	2482.72	0.43	2483.87	600.	600.	75.	675.	110.	232.	1621.	22325.	10795.

LD6

QLOB QCH QROB

18.270	2482.72	0.43	2483.87	600.	600.	75.	675.	85.	215.	66.	23633.	11040.

LO6

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
	18.270	2482.33	0.0	2483.30	847.	0.	0.	0.	85.	215.	217.	22162.	12361.
	18.270	2482.78	0.46	2483.90	600.	600.	75.	675.	85.	215.	66.	23633.	11040.
	19.080	2487.68	0.0	2488.77	1217.	0.	0.	0.	2069.	2182.	8774.	15769.	6553.
	19.080	2488.42	0.74	2490.04	650.	650.	1850.	2500.	2069.	2182.	7380.	18810.	4905.
	19.780	2495.88	0.0	2498.66	272.	0.	0.	0.	119.	307.	645.	29453.	162.
	19.780	2496.80	0.92	2499.27	215.	215.	100.	315.	119.	307.	424.	29770.	66.
	20.250	2505.88	0.0	2509.83	193.	0.	0.	0.	85.	215.	262.	29365.	73.
	20.250	2505.83	-0.04	2509.96	130.	130.	85.	215.	85.	215.	0.	29700.	0.
	20.960	2517.24	0.0	2518.34	709.	0.	0.	0.	347.	572.	535.	25550.	2770.
	20.960	2517.79	0.55	2519.14	300.	300.	325.	625.	347.	572.	125.	28145.	585.
*	21.300	2523.80	0.0	2529.57	145.	0.	0.	0.	220.	345.	34.	28306.	110.
*	21.300	2523.79	-0.00	2529.57	145.	200.	175.	375.	220.	345.	34.	28307.	110.
	21.520	2533.10	0.0	2534.77	457.	0.	0.	0.	220.	345.	367.	27107.	711.
	21.520	2533.11	0.01	2534.83	200.	200.	175.	375.	220.	345.	370.	27346.	470.
	21.520	2532.81	0.0	2535.97	150.	0.	0.	0.	203.	350.	0.	28185.	0.
	21.520	2532.83	0.02	2535.99	151.	200.	175.	375.	203.	350.	0.	28185.	0.
	21.520	2533.43	0.0	2536.57	231.	0.	0.	0.	203.	350.	11.	28172.	2.
	21.520	2533.45	0.02	2536.59	167.	200.	175.	375.	203.	350.	12.	28173.	0.
	21.520	2535.55	0.0	2536.76	558.	0.	0.	0.	220.	345.	414.	26291.	1480.
	21.520	2535.39	-0.16	2536.77	200.	200.	175.	375.	220.	345.	363.	27277.	545.
	22.050	2538.06	0.0	2542.14	211.	0.	0.	0.	50.	146.	369.	26290.	896.
	22.050	2538.25	0.19	2542.82	100.	100.	50.	150.	50.	146.	0.	27500.	55.
	22.850	2552.97	0.0	2557.58	153.	0.	0.	0.	22.	160.	22.	26578.	0.
	22.850	2553.96	0.98	2557.86	145.	160.	15.	175.	22.	160.	27.	26573.	0.
*	22.850	2552.98	0.0	2558.73	153.	0.	0.	0.	48.	174.	851.	25749.	0.
	22.850	2553.87	0.89	2558.81	145.	160.	15.	175.	48.	174.	893.	25707.	0.
	22.850	2576.10	0.0	2576.64	185.	0.	0.	0.	48.	174.	1496.	25082.	22.
	22.850	2576.10	-0.00	2576.66	160.	160.	15.	175.	48.	174.	1220.	25379.	1.
	22.850	2575.83	0.0	2576.92	199.	0.	0.	0.	24.	145.	523.	25433.	645.
	22.850	2575.82	0.02	2576.96	160.	160.	15.	175.	24.	145.	150.	25816.	633.
	23.350	2576.79	0.0	2580.45	126.	0.	0.	0.	28.	120.	434.	25464.	107.
	23.350	2576.77	-0.01	2580.63	100.	100.	25.	125.	28.	120.	43.	25906.	57.
	24.140	2594.73	0.0	2600.37	205.	0.	0.	0.	250.	312.	3148.	21485.	432.
	24.140	2595.04	0.31	2600.64	120.	120.	200.	320.	250.	312.	3079.	21682.	303.
	24.480	2604.67	0.0	2606.22	199.	0.	0.	0.	39.	210.	66.	23055.	19.
	24.480	2604.79	0.12	2606.31	185.	185.	30.	215.	39.	210.	49.	23076.	15.
	24.480	2604.20	0.0	2606.69	198.	0.	0.	0.	97.	197.	6276.	15910.	954.
	24.480	2604.32	0.12	2606.79	185.	185.	30.	215.	97.	197.	6250.	15952.	939.

M06

QCH QROB

24.480 2604.32 0.12 2606.79 [illegible]

MD6

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
	24.480	2604.43	0.0	2606.81	199.	0.	0.	0.	97.	197.	6301.	15866.	973.
	24.480	2604.53	0.10	2606.90	185.	185.	30.	215.	97.	197.	6267.	15921.	951.
	24.480	2605.56	0.0	2606.91	203.	0.	0.	0.	39.	210.	109.	22986.	46.
	24.480	2605.66	0.10	2607.00	185.	185.	30.	215.	39.	210.	73.	23036.	32.
*	25.140	2626.21	0.0	2635.32	99.	0.	0.	0.	42.	84.	271.	21174.	1456.
*	25.140	2626.07	-0.13	2635.98	60.	60.	40.	100.	42.	84.	21.	21676.	1203.
*	25.310	2633.82	0.0	2642.87	99.	0.	0.	0.	42.	84.	271.	21112.	1452.
*	25.310	2633.66	-0.16	2643.52	60.	60.	40.	100.	42.	84.	21.	21614.	1200.
*	25.340	2643.61	0.0	2652.66	99.	0.	0.	0.	42.	84.	270.	21105.	1451.
*	25.340	2643.46	-0.15	2653.31	60.	60.	40.	100.	42.	84.	21.	21605.	1199.
	26.050	2658.43	0.0	2659.43	499.	0.	0.	0.	172.	300.	1318.	18844.	2398.
	26.050	2659.14	0.71	2660.27	250.	250.	125.	375.	172.	300.	653.	20188.	1724.
	26.050	2658.83	0.0	2659.50	502.	0.	0.	0.	172.	369.	3082.	17848.	1635.
	26.050	2659.35	0.52	2660.32	250.	250.	125.	375.	172.	369.	1597.	20896.	71.
	26.050	2658.84	0.0	2659.51	503.	0.	0.	0.	172.	369.	3083.	17845.	1637.
	26.050	2659.36	0.52	2660.33	250.	250.	125.	375.	172.	369.	1598.	20896.	71.
	26.050	2658.80	0.0	2659.56	502.	0.	0.	0.	172.	300.	1718.	17414.	3433.
	26.050	2659.38	0.58	2660.34	250.	250.	125.	375.	172.	300.	859.	19227.	2480.
	26.370	2660.20	0.0	2660.96	889.	0.	0.	0.	475.	714.	4645.	17577.	228.
	26.370	2660.85	0.65	2661.92	450.	450.	350.	800.	475.	714.	1540.	20691.	219.
*	26.970	2679.05	0.0	2683.05	369.	0.	0.	0.	250.	318.	3823.	17936.	472.
*	26.970	2679.01	-0.04	2683.19	330.	330.	20.	350.	250.	318.	3634.	18160.	436.
	27.480	2701.44	0.0	2701.78	579.	0.	0.	0.	357.	517.	7615.	12816.	1614.
	27.480	2701.80	0.37	2702.18	410.	410.	150.	560.	357.	517.	7431.	13309.	1305.
	27.480	2701.53	0.0	2701.87	580.	0.	0.	0.	357.	517.	7292.	12959.	1794.
	27.480	2701.90	0.37	2702.28	410.	410.	150.	560.	357.	517.	7097.	13494.	1454.
	28.180	2712.58	0.0	2714.87	362.	0.	0.	0.	348.	530.	3562.	18214.	14.
	28.180	2712.92	0.35	2715.57	280.	280.	250.	530.	348.	530.	2043.	19747.	0.
	28.500	2725.32	0.0	2728.05	510.	0.	0.	0.	343.	438.	2201.	19399.	70.
	28.500	2725.58	0.27	2728.22	390.	390.	100.	490.	343.	438.	2187.	19394.	89.
	28.810	2736.44	0.0	2737.69	523.	0.	0.	0.	325.	461.	6981.	14323.	256.
	28.810	2736.40	-0.04	2737.88	390.	390.	100.	490.	325.	461.	6284.	15144.	133.
	28.810	2737.28	0.0	2738.06	526.	0.	0.	0.	325.	461.	8825.	12275.	459.
	28.810	2737.34	0.06	2738.30	390.	390.	100.	490.	325.	461.	8030.	13295.	235.
	28.970	2741.77	0.0	2745.08	191.	0.	0.	0.	37.	98.	307.	19284.	1909.
	28.970	2742.33	0.56	2746.56	70.	70.	30.	100.	37.	98.	139.	21330.	31.
*	29.890	2760.76	0.0	2764.05	372.	0.	0.	0.	256.	435.	700.	20465.	1.
	29.890	2761.81	1.05	2764.63	180.	180.	255.	435.	256.	435.	2.	21163.	0.

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
	30.600	2788.70	0.0	2790.65	527.	0.	0.	0.	241.	515.	1.	20187.	717.
	30.600	2788.40	-0.29	2790.77	260.	275.	240.	515.	241.	515.	0.	20905.	0.
*	30.920	2804.30	0.0	2808.55	299.	0.	0.	0.	312.	428.	173.	20330.	282.
*	30.920	2804.32	0.02	2808.55	300.	500.	100.	600.	312.	428.	177.	20524.	284.
	31.240	2822.54	0.0	2822.91	604.	0.	0.	0.	300.	460.	7040.	11095.	2535.
	31.240	2822.76	0.22	2823.16	497.	500.	100.	600.	300.	460.	6497.	11383.	2790.
	31.240	2822.70	0.0	2823.03	607.	0.	0.	0.	300.	460.	7633.	10256.	2780.
	31.240	2822.92	0.22	2823.28	497.	500.	100.	600.	300.	460.	7042.	10570.	3059.
*	31.710	2832.12	0.0	2834.90	553.	0.	0.	0.	58.	186.	36.	17818.	2646.
	31.710	2832.57	0.45	2836.07	220.	220.	55.	275.	58.	186.	19.	19877.	604.
*	32.360	2864.58	0.0	2866.81	726.	0.	0.	0.	75.	180.	52.	13132.	3976.
	32.360	2865.19	0.61	2867.11	475.	475.	75.	550.	75.	180.	0.	13013.	4147.
	32.770	2881.05	0.0	2881.71	796.	0.	0.	0.	35.	107.	58.	7476.	9226.
	32.770	2881.51	0.45	2882.58	465.	465.	35.	500.	35.	107.	0.	8272.	6488.
*	33.580	2932.30	0.0	2933.41	635.	0.	0.	0.	112.	216.	0.	10960.	5009.
*	33.580	2932.30	0.0	2934.67	335.	490.	60.	550.	112.	216.	0.	14253.	1697.
	33.580	2932.89	0.0	2933.59	683.	0.	0.	0.	112.	216.	3.	9148.	6819.
	33.580	2933.29	0.40	2934.99	410.	490.	60.	550.	112.	216.	17.	12668.	3286.
*	33.800	2940.12	0.0	2942.02	588.	0.	0.	0.	112.	216.	0.	12438.	3317.
	33.800	2940.92	0.80	2943.41	328.	490.	60.	550.	112.	216.	0.	14367.	1388.
*	34.530	2977.50	0.0	2980.76	356.	0.	0.	0.	300.	394.	2065.	12975.	0.
*	34.530	2977.82	0.32	2982.35	118.	120.	275.	395.	300.	394.	209.	14831.	0.

SUMMARY OF ERRORS

CAUTION SECNO= 5.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 8.240 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8.240 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 21.300 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 21.300 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 22.850 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 22.850 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 25.140 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.140 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.140 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.140 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.140 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.140 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 25.310 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.310 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 25.340 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.340 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.340 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.340 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 26.970 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.970 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.970 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 26.970 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.970 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.970 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 29.890 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 30.920 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 30.920 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 31.710 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 32.360 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 33.580 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 33.580 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 33.800 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 34.530 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 34.530 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 34.530 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 34.530 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL

20 TRIALS ATTEMPTED TO BALANCE NOZ

C07

FLOODWAY DATA, CANE RIVER
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.020	300.	3512.	12.1	2042.8	2041.8	1.0
0.270	210.	2821.	15.1	2050.4	2049.8	0.6
0.270	210.	2844.	14.9	2050.7	2050.1	0.6
0.970	180.	3215.	13.2	2063.3	2062.4	0.9
1.550	250.	3689.	11.5	2069.2	2068.3	0.9
2.000	350.	4238.	10.0	2074.9	2074.9	0.0
2.750	180.	3151.	13.4	2091.9	2091.2	0.7
3.520	200.	4588.	9.2	2119.0	2118.2	0.8
3.520	200.	4612.	9.2	2119.1	2118.3	0.8
4.220	300.	4338.	9.4	2125.4	2124.5	0.9
5.000	250.	2164.	18.9	2136.1	2136.1	0.0
5.140	250.	3042.	13.4	2146.4	2146.4	0.0
5.140	250.	3210.	12.7	2147.0	2147.0	0.0
5.980	160.	2464.	16.4	2169.3	2168.7	0.6
6.600	170.	2425.	16.6	2185.7	2185.7	0.0
6.930	215.	3877.	10.4	2203.0	2202.1	0.9
6.930	215.	3950.	10.2	2203.3	2202.6	0.7
7.380	200.	3756.	10.7	2208.4	2207.4	1.0
8.240	170.	2018.	19.7	2226.0	2226.0	0.0
9.310	150.	2804.	14.1	2269.4	2269.0	0.4
9.980	230.	3378.	11.0	2294.3	2293.8	0.5
9.980	230.	3510.	10.5	2294.9	2294.4	0.5
11.230	190.	3528.	10.4	2347.8	2347.1	0.7
11.230	190.	3591.	10.2	2348.1	2347.5	0.6
12.000	190.	2226.	16.4	2367.1	2367.0	0.1
12.260	185.	3849.	9.5	2372.9	2372.9	0.0
12.750	195.	1968.	18.4	2379.9	2379.9	0.0
12.750	195.	2002.	18.1	2381.7	2381.7	0.0
12.750	195.	2073.	17.5	2385.4	2385.4	0.0
12.750	195.	2469.	14.7	2386.9	2386.7	0.2
12.750	195.	3243.	11.2	2388.0	2387.7	0.3
12.750	195.	3764.	9.6	2389.1	2388.8	0.3
13.440	215.	2106.	17.1	2397.2	2397.1	0.1
13.440	215.	2344.	15.4	2398.6	2398.6	0.0
14.130	150.	2873.	12.5	2418.0	2417.9	0.1
14.730	170.	2884.	12.4	2425.3	2425.2	0.1
14.730	170.	2389.	15.0	2425.3	2425.2	0.1
14.730	170.	2420.	14.8	2425.5	2425.4	0.1
14.730	170.	2673.	13.4	2425.8	2425.5	0.3
15.190	135.	1993.	17.9	2435.3	2435.3	0.0
15.870	150.	2551.	13.9	2450.9	2450.6	0.3
16.200	270.	3234.	10.9	2459.5	2459.4	0.1
16.200	270.	3396.	10.4	2460.1	2459.9	0.2
16.970	210.	3445.	10.2	2469.6	2469.0	0.6
17.460	450.	5337.	6.6	2473.4	2473.3	0.1
17.770	425.	5737.	6.1	2476.5	2476.0	0.5
18.270	600.	5625.	6.2	2481.5	2480.8	0.7
18.270	600.	6222.	5.6	2482.5	2482.0	0.5
18.270	600.	4721.	7.4	2482.6	2482.3	0.3
18.270	600.	4786.	7.3	2482.7	2482.4	0.3

18.270	600.	2022.	5.6	2482.5	2482.0	0.5
18.270	600.	6222.	5.6	2482.5	2482.0	0.5
18.270	600.	4721.	7.4	2482.6	2482.3	0.3
18.270	600.	4786.	7.3	2482.7	2482.4	0.3

FLOODWAY DATA, CANE RIVER
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
18.270	600.	6332.	5.5	2482.7	2482.3	0.4
18.270	600.	6377.	5.4	2482.8	2482.3	0.5
19.080	650.	5638.	5.5	2488.4	2487.7	0.7
19.780	215.	2552.	11.9	2496.8	2495.9	0.9
20.250	130.	1823.	16.3	2505.9	2505.9	0.0
20.960	300.	3410.	8.5	2517.8	2517.2	0.6
21.300	200.	1519.	18.7	2523.8	2523.8	0.0
21.520	200.	2998.	9.4	2533.1	2533.1	0.0
21.520	200.	1977.	14.3	2532.8	2532.8	0.0
21.520	200.	1988.	14.2	2533.4	2533.4	0.0
21.520	200.	3453.	8.2	2535.5	2535.5	0.0
22.050	100.	1649.	16.7	2538.2	2538.1	0.1
22.850	160.	1697.	15.7	2554.0	2553.0	1.0
22.850	160.	1687.	15.8	2553.9	2553.0	0.9
22.850	160.	5151.	5.2	2576.1	2576.1	0.0
22.850	160.	3517.	7.6	2575.8	2575.8	0.0
23.350	100.	1731.	15.0	2576.8	2576.8	0.0
24.140	120.	1659.	15.1	2595.0	2594.7	0.3
24.480	185.	2394.	9.7	2604.8	2604.7	0.1
24.480	185.	1917.	12.1	2604.3	2604.2	0.1
24.480	185.	1955.	11.8	2604.5	2604.4	0.1
24.480	185.	2554.	9.1	2605.7	2605.6	0.1
25.140	60.	1105.	20.7	2626.2	2626.2	0.0
25.310	60.	1104.	20.7	2633.8	2633.8	0.0
25.340	60.	1104.	20.7	2643.6	2643.6	0.0
26.050	250.	3716.	6.1	2659.1	2658.4	0.7
26.050	250.	3132.	7.2	2659.3	2658.8	0.5
26.050	250.	3135.	7.2	2659.4	2658.8	0.6
26.050	250.	3775.	6.0	2659.4	2658.8	0.6
26.370	450.	3644.	6.2	2660.9	2660.2	0.7
26.970	330.	2237.	9.9	2679.1	2679.1	0.0
27.480	410.	4675.	4.7	2701.8	2701.4	0.4
27.480	410.	4718.	4.7	2701.9	2701.5	0.4
28.180	280.	2002.	10.9	2712.9	2712.6	0.3
28.500	390.	2510.	8.6	2725.6	2725.3	0.3
28.810	390.	2574.	8.4	2736.4	2736.4	0.0
28.810	390.	2946.	7.3	2737.3	2737.3	0.0
28.970	70.	1429.	15.0	2742.3	2741.8	0.5
29.890	180.	1574.	13.4	2761.8	2760.8	1.0
30.600	275.	1695.	12.3	2788.7	2788.7	0.0
30.920	500.	1469.	14.2	2804.3	2804.3	0.0
31.240	500.	4425.	4.7	2822.8	2822.5	0.3
31.240	500.	4504.	4.6	2822.9	2822.7	0.2
31.710	220.	1540.	13.3	2832.6	2832.1	0.5
32.360	475.	2542.	6.8	2865.2	2864.6	0.6
32.770	465.	3146.	5.3	2881.5	2881.1	0.4
33.580	490.	1621.	9.9	2932.3	2932.3	0.0
33.580	490.	1892.	8.4	2933.3	2932.9	0.4
33.800	490.	1569.	10.0	2940.9	2940.1	0.8
34.530	120.	971.	15.5	2977.8	2977.5	0.3

33.600						
34.530	120.	971.	15.5	2911.8	2911.3	0.5

E07

AD1

THIS RUN EXECUTED 02/14/81 9:52:45

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HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1      YANCEY COUNTY NC FEMA STUDY        SCB 10/1/80                          5
T2      10 YEAR FLOOD                                                           10
T3      CANE RIVER                         FLOOD PROFILES                       15
J1  ICHECK    INQ    NINV    IDIR    STRT  METRIC   HVINS     Q       WSEL    FQ
         0.      2.      0.      0. 0.00379      0.    0.0       0.    0.0     0.0     20
J2  NPROF   IPLOT   PRFVS   XSECV   XSECH      FN  ALLDC     IBW   CHNIM ITRACE
         0.      0.     -1.      0.      0.   0.0     0.0      0.      0.      0.     25
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
       150.00    0.0  160.00    0.0     0.0    0.0     0.0     0.0     0.0     0.0   30
QT        5.  14460.  31420.  42490.  81555.  42490.      0.      0.      0.      0.   35
NC   0.0E0   0.080   0.030     0.1     0.5                                            40

X1    0.02     18.    300.    423.      0.      0.      0.     0.0     0.0      0.    45
GR 2050.0      0.  2045.2      6.  2044.9     30.  2044.4     44.  2035.2     68.    50
GR 2035.1    100.  2036.0    200.  2030.9    300.  2025.5    351.  2026.1    368.    55
GR 2025.1    382.  2022.9    390.  2023.8    400.  2026.4    420.  2032.5    423.    60
GR 2041.0    427.  2047.2    464.  2047.5    500.     0.0      0.     0.0      0.    65
QT        5.  14455.  31405.  42470.  81520.  42470.      0.      0.      0.      0.   70
NC   0.080   0.080   0.030     0.0     0.8                                            75

X1    0.27     27.     67.    258.   1400.   1400.   1400.     0.0     0.0      0.    80
BT     4.0     67.0  2050.0     0.0    67.0  2050.0  2047.2    258.0  2053.9  2051.1   85
BT   258.0  2053.9     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0    90
GR 2055.5     27.  2049.4     40.  2050.0     67.  2047.3     67.  2045.6     67.    95
GR 2032.5     95.  2030.7    136.  2029.5    145.  2048.8    145.  2048.9    148.   100
GR 2029.3    148.  2028.0    175.  2027.0    185.  2027.0    196.  2028.0    205.   105
GR 2030.7    213.  2050.2    213.  2050.3    216.  2031.0    216.  2036.0    227.   110
GR 2047.0    240.  2048.7    252.  2051.1    258.  2053.9    258.  2054.0    265.   115
GR 2055.0    292.  2066.5    324.     0.0      0.     0.0      0.     0.0      0.   120
NC   0.070   0.070   0.030     0.0     0.5                                            125

X1    0.27      0.      0.      0.     34.     34.     34.     0.0     0.0      0.   130
X2       0.    0.0       0.    0.0     0.0     0.0      1.    0.0     0.0      0.   135
QT        5.  14435.  31365.  42415.  81425.  42415.      0.      0.      0.      0.   140
NC   0.070   0.070   0.030     0.0     0.8                                            145

X1    0.97     16.    145.    250.   3575.   3575.   3575.     0.0     0.0      0.   150
GR 2068.0      0.  2058.0     20.  2056.0     26.  2053.8     91.  2048.9    125.   155
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B01

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GR 2046.9    145.  2042.5    156.  2038.6    170.  2037.8    184.  2038.1    205.   160
                   2042.0    237.  2054.1    250.  2054.7    255.  2054.7    275.   165
                                                                 0.0      0.     170
```

X1	0.97	16.	145.	250.	3575.	3575.	3575.	0.0	0.0	0.	150
GR	2068.0	0.	2058.0	20.	2056.0	26.	2053.8	91.	2048.9	125.	155

BO1

GR	2046.9	145.	2042.5	156.	2038.6	170.	2037.8	184.	2038.1	205.	160
GR	2038.7	224.	2046.9	237.	2054.1	250.	2054.7	255.	2054.7	275.	165
GR	2080.0	300.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	170
QT	5.	14415.	31335.	42370.	81340.	42370.	0.	0.	0.	0.	175
NC	0.080	0.070	0.025	0.0	0.5						180
X1	1.55	19.	136.	285.	3170.	3170.	3170.	0.0	0.0	0.	185
GR	2080.0	0.	2070.0	11.	2064.0	21.	2064.2	52.	2059.0	61.	190
GR	2056.8	96.	2058.0	136.	2051.6	161.	2050.2	193.	2049.8	214.	195
GR	2050.2	236.	2049.0	263.	2051.6	271.	2060.8	285.	2064.0	301.	200
GR	2071.2	308.	2072.5	315.	2073.2	333.	2080.0	400.	0.0	0.	205
QT	5.	14405.	31310.	42335.	81280.	42335.	0.	0.	0.	0.	210
NC	0.100	0.080	0.040	0.0	0.0						215
X1	2.00	20.	127.	292.	2350.	2350.	2350.	0.0	0.0	0.	220
GR	2085.0	[illegible]	2067.4	37.	2065.9	83.	2065.8	127.	2059.3	149.	225
GR	2058.2	162.	2058.3	190.	2058.1	220.	2057.3	249.	2057.0	266.	230
GR	2059.2	283.	2066.9	292.	2066.4	350.	2065.4	418.	2076.8	523.	235
GR	2077.4	530.	2077.0	549.	2076.4	551.	2079.9	555.	2085.0	720.	240
QT	5.	14380.	31270.	42280.	81170.	42280.	0.	0.	0.	0.	245
NC	0.130	0.110	0.055	0.0	0.8						250
X1	2.75	16.	27.	191.	4000.	4000.	4000.	0.0	0.0	0.	255
GR	2094.5	0.	2079.7	27.	2078.0	34.	2072.5	50.	2067.9	60.	260
GR	2069.8	95.	2070.0	110.	2071.2	128.	2072.5	136.	2079.2	160.	265
GR	2079.3	191.	2085.2	196.	2086.5	204.	2086.3	221.	2086.0	228.	270
GR	2100.0	250.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	275
QT	5.	14360.	31225.	42220.	81065.	42220.	0.	0.	0.	0.	280
NC	0.120	0.100	0.045	0.0	0.5						285
X1	3.52	28.	51.	210.	4100.	4100.	4100.	0.0	0.0	0.	290
BT	4.0	51.0	2111.7	0.0	51.0	2111.7	2110.5	210.0	2111.4	2110.0	295
BT	210.0	2111.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300
GR	2111.7	0.	2110.5	51.	2097.5	51.	2095.2	68.	2088.8	88.	305
GR	2107.7	88.	2107.7	90.	2088.9	90.	2089.0	100.	2088.5	115.	310
GR	2088.7	128.	2107.5	128.	2107.5	130.	2088.8	130.	2089.2	145.	315
GR	2090.2	157.	2089.5	168.	2107.5	168.	2107.5	170.	2089.2	170.	320
GR	2087.4	183.	2089.3	193.	2091.5	200.	2091.7	205.	2093.0	210.	325
GR	2110.0	210.	2110.8	324.	2120.0	415.	0.0	0.	0.0	0.	330
NC	0.070	0.070	0.030	0.0	0.0						335
X1	3.52	0.	0.	0.	23.	23.	23.	0.0	0.0	0.	340
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	345
QT	5.	13930.	30275.	40935.	78600.	40935	0.	0.	0.	0.	350
NC	0.090	0.090	0.030	0.0	0.0						355
X1	4.22	19.	227.	454.	3665.	3665.	3665.	0.0	0.0	0.	360
GR	2130.0	0.	2125.0	4.	2125.6	16.	2117.8	45.	2118.1	194.	365
GR	2115.0	227.	2106.0	241.	2103.9	245.	2104.6	265.	2106.6	295.	370
GR	2107.5	325.	2111.4	413.	2114.5	426.	2116.0	454.	2116.9	457.	375
GR	2116.8	477.	2115.8	487.	2119.5	495.	2130.0	915.	0.0	0.	380
X1	5.00	35.	111.	311.	4100.	4100.	4100.	0.0	-3.00	0.	385

CO1

GR	2146.5	0.	2145.0	5.	2140.4	87.	2140.2	87.	2140.7	111.	390
	[illegible]		[illegible]	127.	2126.9	145.	2125.5	173.	2123.8	180.	395
								[illegible]	2123.6	202.	400

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X1    5.00      35.     111.     311.    4100.    4100.    4100.     0.0    -3.00       0.    385
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CO1

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GR  2146.5       0.   2145.0       5.   2140.4      87.   2140.2      87.   2140.7     111.    390
GR  2138.0     111.   2137.8     127.   2126.9     145.   2125.5     173.   2123.8     180.    395
GR  2124.0     190.   2139.0     190.   2139.0     193.   2125.1     193.   2123.6     207.    400
GR  2122.5     220.   2121.8     233.   2123.6     242.   2124.5     260.   2125.5     267.    405
GR  2139.3     267.   2139.3     270.   2125.7     270.   2128.0     283.   2137.8     296.    410
GR  2139.4     311.   2143.1     311.   2142.3     320.   2140.5     320.   2140.3     329.    415
GR  2141.0     355.   2143.0     390.   2148.0     450.   2149.6     475.   2154.2     527.    420
QT       5.  13845.  30090.  40690.  48125.  40690.      0.      0.      0.      0.    425
NC   0.080   0.080   0.030     0.0     0.0                                              430

X1    5.14      35.     111.     311.     730.     730.     730.     0.0     0.0       0.    435
BT     4.0   111.0  2143.1      0.0   111.0  2143.1  2138.7   311.0  2143.1  2139.4    440
BT   311.0  2143.1      0.0      0.0     0.0     0.0     0.0     0.0     0.0     0.0    445
GR  2146.5       0.   2145.0       5.   2140.4      87.   2140.2      87.   2140.7     111.    450
GR  2138.0     111.   2137.8     127.   2126.9     145.   2125.5     173.   2123.8     180.    455
GR  2124.0     190.   2139.0     190.   2139.0     193.   2125.1     193.   2123.6     207.    460
GR  2122.5     220.   2121.8     233.   2123.6     242.   2124.5     260.   2125.5     267.    465
GR  2139.3     267.   2139.3     270.   2125.7     270.   2128.0     283.   2137.8     296.    470
GR  2139.4     311.   2143.1     311.   2142.3     320.   2140.5     320.   2140.3     329.    475
GR  2141.0     355.   2143.0     390.   2148.0     450.   2149.6     475.   2154.2     527.    480

X1    5.14       0.      0.       0.      31.      31.      31.     0.0     0.0       0.    485
X2       0.     0.0       0.     0.0     0.0     0.0       1.     0.0     0.0       0.    490
QT       5.  13765.  29925.  40460.  77690.  40460.      0.      0.      0.      0.    495
NC   0.150   0.120   0.030     0.0     0.0                                              500

X1    5.98      13.      70.     205.    4570.    4570.    4570.     0.0     0.0       0.    505
GR  2175.0       0.   2170.4      25.   2159.2      70.   2149.3     135.   2147.5     151.    510
GR  2144.9     177.   2148.6     180.   2152.0     187.   2166.0     205.   2166.9     210.    515
GR  2167.7     230.   2167.1     234.   2175.0     241.      0.0       0.      0.0       0.    520
QT       5.  13710.  29800.  40295.  77370.  40295.      0.      0.      0.      0.    525
NC   0.150   0.130   0.050     0.0     0.8                                              530

X1    6.60      16.      73.     235.    3150.    3150.    3150.     0.0     0.0       0.    535
GR  2194.2       0.   2191.5       9.   2183.6      73.   2175.6      87.   2174.3     103.    540
GR  2170.6     110.   2167.5     141.   2167.0     150.   2164.2     194.   2165.5     204.    545
GR  2188.5     211.   2183.5     235.   2188.0     243.   2189.2     250.   2189.6     270.    550
GR  2200.0     350.      0.0       0.      0.0       0.      0.0       0.      0.0       0.    555
QT       5.  13680.  29735.  40205.  77195.  40205.      0.      0.      0.      0.    560
NC   0.150   0.130   0.040     0.0     0.8                                              565

X1    6.93      32.      64.     242.    1700.    1700.    1700.     0.0     0.0       0.    570
BT     4.0    64.0  2194.5      0.0    64.0  2194.5  2190.0   242.0  2193.6  2189.5    575
BT   242.0  2193.6      0.0      0.0     0.0     0.0     0.0     0.0     0.0     0.0    580
GR  2210.0       0.   2192.3       0.   2191.7      58.   2194.2      58.   2194.5      64.    585
GR  2188.5      64.   2181.3      87.   2178.0     105.   2189.8     105.   2189.8     108.    590
GR  2177.6     108.   2174.9     126.   2174.0     139.   2174.2     150.   2189.7     150.    595
GR  2189.7     153.   2174.3     153.   2175.5     167.   2175.6     181.   2176.7     190.    600
GR  2177.5     200.   2180.1     221.   2188.2     235.   2187.2     242.   2193.6     242.    605
GR  2193.3     250.   2191.2     250.   2191.5     273.   2192.2     277.   2191.5     301.    610
GR  2194.0     307.   2210.0     518.     0.0       0.      0.0       0.      0.0       0.    615
NC   0.090   0.090   0.035     0.0     0.5                                              620

X1    6.93       0.      0.       0.      30.      30.      30.     0.0     0.0       0.    625
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DO1

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X2       0.     0.0       0.     0.0     0.0     0.0       1.     0.0     0.0       0.    630
QT       5.  13635.  29645.  40085.  76965.  40085.      0.      0.      0.      0.    635
NC   0.150   0.100   0.030     0.0     0.0                                              640
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X1   6.93      0.      0.      0.     30.     30.     30.    0.0    0.0      0.   625
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DD1

```
X2      0.    0.0      0.     0.0    0.0     0.0      1.    0.0    0.0      0.   630
QT      5.  13635.  29645.  40085.  76965.  40085.     0.     0.     0.      0.   635
NC  0.150   0.100   0.030     0.0    0.0                                          640

X1   7.38     19.     30.    177.   2370.   2370.   2370.    0.0    0.0      0.   645
GR 2211.5      0.   2202.9     7.   2194.5     30.   2188.8    43.   2186.7    57.  650
GR 2188.2    107.   2186.6   130.   2187.9    150.   2186.8   163.   2188.0   168.  655
GR 2188.8    171.   2192.0   177.   2194.2    211.   2202.5   226.   2203.4   231.  660
GR 2203.7    250.   2201.4   255.   2209.0    258.   2211.5   262.      0.0     0.  665
QT      5.  13560.  29475.  39855.  76520.  39855.     0.     0.     0.      0.   670
NC  0.150   0.120   0.050     0.0    0.8                                          675

X1   8.24     16.     65.    226.   4360.   4360.   4360.    0.0    0.0      0.   680
GR 2237.5      0.   2221.5    65.   2215.5     85.   2213.5    97.   2211.4   115.  685
GR 2210.9    128.   2211.7   145.   2212.3    177.   2213.5   204.   2216.4   218.  690
GR 2221.5    226.   2231.4   242.   2231.8    250.   2232.5   267.   2231.9   269.  695
GR 2239.4    270.      0.0     0.      0.0      0.      0.0     0.      0.0     0.  700
QT      5.  13460.  29260.  39565.  75965.  39565.     0.     0.     0.      0.   705
NC  0.125   0.090   0.045     0.0    0.0                                          710

X1   9.31     16.      6.    151.   5680.   5680.   5680.    0.0    0.0      0.   715
GR 2271.5    -20.   2263.0     6.   2256.4     25.   2247.7    50.   2244.9    65.  720
GR 2244.8     77.   2243.6    92.   2245.0    102.   2248.0   118.   2253.3   138.  725
GR 2263.0    151.   2261.7   173.   2260.7    180.   2263.8   189.   2266.1   227.  730
GR 2275.0    240.      0.0     0.      0.0      0.      0.0     0.      0.0     0.  735
QT      5.  12600.  27385.  37025.  71080.  37025.     0.     0.     0.      0.   740
NC  0.130   0.130   0.045     0.0    0.0                                          745

X1   9.98     28.     57.    218.   3570.   3570.   3570.    0.0    0.0      0.   750
BT    4.0    57.0  2287.9     0.0    57.0  2287.9  2283.0   218.0  2285.8  2281.3  755
BT  218.0  2285.8     0.0     0.0     0.0     0.0     0.0     0.0    0.0      0.0  760
GR 2300.0      0.   2287.9     2.   2288.5      4.  2288.4    25.   2287.4    49.  765
GR 2286.7     51.   2286.6    57.   2281.3     57.  2280.4    78.   2270.9    94.  770
GR 2267.8    105.   2267.6   107.   2282.5    107.  2282.5   110.   2267.5   110.  775
GR 2266.0    127.   2266.5   137.   2266.7    172.  2281.7   172.   2281.7   175.  780
GR 2267.3    175.   2267.7   179.   2268.2    186.  2279.9   210.   2280.5   218.  785
GR 2284.6    218.   2284.3   257.   2300.0    294.     0.0     0.      0.0     0.  790
NC  0.070   0.070   0.030     0.0    0.5                                          795

X1   9.98      0.      0.     0.     36.     36.     36.    0.0    0.0      0.   800
X2      0.    0.0      0.     0.0    0.0     0.0      1.    0.0    0.0      0.   805
QT      5.  12480.  27130.  36680.  70420.  36680.     0.     0.     0.      0.   810
NC  0.110   0.150   0.050     0.0    0.8                                          815

X1  11.23     24.    135.    280.   6465.   6465.   6465.    0.0    0.0      0.   820
BT    4.0   135.0  2337.0     0.0   135.0  2337.0  2331.7   280.0  2340.5  2335.3  825
BT  280.0  2340.5     0.0     0.0     0.0     0.0     0.0     0.0    0.0      0.0  830
GR 2352.0     40.   2337.7   105.   2335.7    132.  2335.8   135.   2330.5   135.  835
GR 2321.5    153.   2316.0   175.   2332.7    175.  2332.8   178.   2315.5   178.  840
GR 2316.0    195.   2316.0   200.   2314.5    211.  2314.9   220.   2317.5   230.  845
GR 2334.0    230.   2334.1   233.   2318.0    233.  2320.2   249.   2332.6   263.  850
GR 2333.5    280.   2339.5   280.   2339.9    291.  2352.5   318.      0.0     0.  855
NC  0.070   0.070   0.030     0.0    0.0                                          860
```

EO1

```
X1  11.23      0.      0.     0.     37.     37.     37.    0.0    0.0      0.   865
X2      0      0.      0.     0.0    0.0     0.0      1.    0.0    0.0      0.   870
                                                        0      0.     0.      0.   875
```

NC	0.070	0.070	0.050	0.0	0.0						

ED1

X1	11.23	0.	0.	0.	37.	37.	37.	0.0	0.0	0.	865
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	870
QT	5.	12410.	26975.	36465.	70015.	36465.	0.	0.	0.	0.	875
X1	12.00	0.	0.	0.	4100.	4100.	4100.	0.0	30.50	0.	880
QT	5.	12335.	26920.	36395.	69875.	36395.	0.	0.	0.	0.	885
NC	0.150	0.120	0.035	0.0	0.8						890
X1	12.26	13.	29.	199.	1545.	1545.	1545.	0.0	0.0	0.	895
GR	2374.5	0.	2370.0	7.	2361.0	29.	2349.9	55.	2347.9	80.	900
GR	2348.3	92.	2348.4	103.	2348.1	123.	2347.5	135.	2349.4	150.	905
GR	2349.9	160.	2361.0	199.	2381.4	233.	0.0	0.	0.0	0.	910
QT	5.	12335.	26820.	36260.	69620.	36260.	0.	0.	0.	0.	915
NC	0.150	0.130	0.050	0.0	0.0						920
X1	12.75	18.	40.	163.	2570.	2570.	2570.	0.0	0.0	0.	925
GR	2400.0	-13.	2386.8	7.	2386.	24.	2374.5	40.	2366.6	51.	930
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	935
GR	2367.3	140.	2368.5	158.	2370.5	163.	2375.6	193.	2379.0	199.	940
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	945
NC	0.070	0.070	0.030	0.0	0.0						950
X1	12.75	18.	40.	140.	100.	100.	100.	0.0	0.0	0.	955
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2381.2	2379.0		960
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	965
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	970
GR	2367.3	140.	2370.0	145.	2375.0	160.	2379.8	165.	2379.5	199.	975
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	980
NC	0.0	0.0	0.040	0.0	0.0						985
X1	12.75	21.	40.	140.	1.	1.	1.	0.0	0.0	0.	990
BT	4.0	40.0	2381.7	0.0	40.0	2382.0	2379.4	140.0	2380.5	2378.1	995
BT	140.0	2380.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2383.0	28.	2381.7	40.	1005
GR	2374.5	40.	2363.9	65.	2365.3	82.	2364.8	91.	2378.7	91.	1010
GR	2378.6	93.	2364.7	93.	2364.4	101.	2364.5	123.	2366.5	134.	1015
GR	2370.5	140.	2380.1	140.	2379.5	205.	2379.6	210.	2379.7	230.	1020
GR	2400.0	250.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1025
NC	0.0	0.0	0.030	0.0	0.5						1030
X1	12.75	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	1035
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	1040
X1	12.75	18.	40.	140.	1.	1.	1.	0.0	0.0	0.	1045
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2381.7	2379.5		1050
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1055
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1060
GR	2367.3	140.	2370.0	145.	2375.0	160.	2379.8	165.	2379.5	199.	1065
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1070
NC	0.110	0.070	0.030	0.0	0.0						1075

FD1

X1	12.75	18.	40.	163.	25.	25.	25.	0.0	0.0	0.	1080
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1085
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1090
[illegible]	[illegible]	[illegible]	2368.5	158.	2370.5	163.	2375.6	193.	2379.0	199.	1095
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0	0.	1100

FO1

X1	12.75	18.	40.	163.	25.	25.	25.	0.0	0.0	0.	1080
GR	2400.0	-13.	2386.8	7.	2386.5	24.	2374.5	40.	2366.6	51.	1085
GR	2363.4	64.	2363.0	82.	2363.9	95.	2364.0	100.	2365.7	111.	1090
GR	2367.3	140.	2368.5	158.	2370.5	163.	2375.6	193.	2379.0	199.	1095
GR	2379.6	210.	2379.7	230.	2400.0	250.	0.0	0.	0.0	0.	1100
QT	5.	12270.	26680.	36070.	69255.	36070.	0.	0.	0.	0.	1105
NC	0.130	0.130	0.045	0.0	0.8						1110
X1	13.44	30.	190.	405.	3670.	3670.	3670.	0.0	0.0	0.	1115
BT	4.0	190.0	2419.0	0.0	190.0	2419.0	2411.0	405.0	2405.0	2399.0	1120
BT	405.0	2405.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1125
GR	2442.5	105.	2419.1	170.	2418.2	190.	2410.3	190.	2410.2	201.	1130
GR	2390.5	231.	2409.5	231.	2409.4	234.	2389.6	234.	2380.5	246.	1135
GR	2380.0	275.	2403.3	275.	2403.2	278.	2379.9	278.	2379.3	294.	1140
GR	2379.1	310.	2379.5	320.	2401.8	320.	2401.7	323.	2379.6	323.	1145
GR	2380.2	331.	2383.0	355.	2391.5	365.	2400.4	365.	2400.3	368.	1150
GR	2391.6	368.	2399.0	405.	2401.6	405.	2401.5	414.	2430.0	453.	1155
NC	0.070	0.070	0.040	0.0	0.5						1160
X1	13.44	0.	0.	0.	35.	35.	35.	0.0	0.0	0.	1165
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	1170
QT	5.	12205.	26540.	35880.	68890.	35880.	0.	0.	0.	0.	1175
NC	0.140	0.150	0.045	0.0	0.8						1180
X1	14.13	12.	30.	155.	3545.	3545.	3545.	0.0	0.0	0.	1185
GR	2424.2	0.	2405.5	26.	2402.1	30.	2400.2	45.	2399.0	58.	1190
GR	2396.8	64.	2393.9	86.	2393.9	124.	2396.9	131.	2405.3	155.	1195
GR	2409.7	177.	2429.8	210.	0.0	0.	0.0	0.	0.0	0.	1200
QT	5.	12150.	26420.	35715.	68575.	35715.	0.	0.	0.	0.	1205
NC	0.120	0.150	0.030	0.0	0.0						1210
X1	14.73	19.	27.	162.	3200.	3200.	3200.	0.0	0.0	0.	1215
GR	2438.0	0.	2420.5	15.	2411.2	16.	2411.5	27.	2407.0	47.	1220
GR	2405.5	60.	2406.1	80.	2406.1	85.	2406.0	89.	2406.1	104.	1225
GR	2405.2	116.	2405.8	130.	2407.5	143.	2414.2	162.	2413.0	170.	1230
GR	2412.9	183.	2424.0	200.	2424.6	210.	2435.0	237.	0.0	0.	1235
NC	0.070	0.070	0.040	0.0	0.0						1240
X1	14.73	13.	16.	162.	60.	60.	60.	0.0	0.0	0.	1245
GR	2438.0	0.	2420.5	15.	2411.9	16.	2409.8	73.	2410.2	110.	1250
GR	2411.3	125.	2411.8	155.	2414.2	162.	2413.0	170.	2412.9	183.	1255
GR	2424.0	200.	2424.6	210.	2435.0	237.	0.0	0.	0.0	0.	1260
X1	14.73	0.	0.	0.	15.	15.	15.	0.0	0.0	0.	1265
NC	0.080	0.110	0.030	0.0	0.0						1270
X1	14.73	19.	27.	162.	15.	15.	15.	0.0	0.0	0.	1275
GR	2439.8	0.	2422.3	15.	2413.0	16.	2413.3	27.	2408.8	47.	1280
GR	2407.3	60.	2407.9	80.	2407.9	85.	2407.8	89.	2407.9	104.	1285
GR	2407.0	116.	2407.6	130.	2409.3	143.	2416.0	162.	2414.8	170.	1290
GR	2414.7	183.	2425.8	200.	2426.4	210.	2435.0	237.	0.0	0.	1295
QT	5.	12105.	26325.	35585.	68330.	35585.	0.	0.	0.	0.	1300
NC	0.120	0.135	0.045	0.0	0.0						1305

G01

X1	15.19	19.	70.	180.	2530.	2530.	2530.	0.0	0.0	0.	1310
	[illegible]	0.	2436.7	7.	2437.5	11.	2438.4	30.	2437.5	40.	1315
								120.	2436.8	141.	1320

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QT      5.  12105.  26325.  35585.  68330.  35585.
NC  0.120   0.135   0.045     0.0     0.0                                        1305
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GD1

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X1  15.19     19.     70.    180.   2530.   2530.   2530.     0.0     0.0      0.   1310
GR 2450.0      0.  2436.7      7.  2437.5     11.  2438.4     30.  2437.5     40.   1315
GR 2424.5     70.  2420.4     80.  2419.5    100.  2418.4    120.  2416.8    141.   1320
GR 2416.8    145.  2417.5    150.  2418.2    158.  2420.5    169.  2423.9    180.   1325
GR 2425.6    191.  2425.8    198.  2434.6    212.  2450.0    295.     0.0      0.   1330
QT      5.  12045.  26190.  35400.  67970.  35400.      0.      0.      0.      0.   1335
NC  0.115   0.150   0.030     0.0     0.5                                           1340

X1  15.87     21.    170.    296.   3500.   3500.   3500.     0.0     0.0      0.   1345
GR 2456.0    -43.  2449.1     50.  2446.6    130.  2442.4    136.  2443.0    140.   1350
GR 2443.7    159.  2443.6    161.  2439.1    170.  2436.8    193.  2431.2    195.   1355
GR 2429.9    200.  2430.0    220.  2429.8    234.  2428.5    256.  2428.5    261.   1360
GR 2431.5    272.  2435.3    282.  2436.4    292.  2439.5    296.  2449.1    321.   1365
GR 2460.0    405.     0.0      0.     0.0      0.     0.0      0.     0.0      0.   1370
QT      5.  12010.  26120.  35310.  67800.  35310.      0.      0.      0.      0.   1375
NC  0.100   0.150   0.040     0.0     0.8                                           1380

X1  16.20     30.    154.    314.   1680.   1680.   1680.     0.0     0.0      0.   1385
BT    4.0   154.0  2453.2     0.0   154.0  2453.2  2449.0   314.0  2457.1  2452.8   1390
BT  314.0  2457.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   1395
GR 2465.0   -100.  2454.7      5.  2452.3     71.  2448.9     80.  2450.3     85.   1400
GR 2450.7     90.  2450.5    110.  2450.7    154.  2448.0    154.  2436.4    182.   1405
GR 2435.4    187.  2435.5    192.  2449.8    192.  2449.9    195.  2435.4    195.   1410
GR 2434.4    204.  2434.6    215.  2434.6    225.  2435.3    232.  2450.8    232.   1415
GR 2450.9    235.  2435.4    235.  2435.0    241.  2435.2    248.  2436.4    255.   1420
GR 2451.7    314.  2454.5    315.  2456.4    362.  2457.4    453.  2465.0    500.   1425
NC  0.070   0.070   0.030     0.0     0.5                                           1430

X1  16.20      0.      0.      0.     30.     30.     30.     0.0     0.0      0.   1435
X2     0.     0.0      0.     0.0     0.0     0.0      1.     0.0     0.0      0.   1440
QT      5.  11940.  25965.  35095.  67390.  35095.      0.      0.      0.      0.   1445
NC  0.110   0.150   0.030     0.0     0.0                                           1450

X1  16.97     17.    103.    222.   4180.   4180.   4180.     0.0     0.0      0.   1455
GR 2468.0      0.  2463.1     12.  2461.3     61.  2459.7     68.  2460.6     73.   1460
GR 2462.6     93.  2461.7    103.  2451.5    118.  2447.0    133.  2446.2    149.   1465
GR 2444.5    161.  2443.4    180.  2441.9    191.  2448.5    210.  2453.9    222.   1470
GR 2455.0    230.  2468.0    252.     0.0      0.     0.0      0.     0.0      0.   1475
QT      5.  11895.  25865.  34960.  67135.  34960.      0.      0.      0.      0.   1480
NC  0.120   0.110   0.030     0.0     0.0                                           1485

X1  17.46     18.     62.    164.   2550.   2550.   2550.     0.0     0.0      0.   1490
GR 2485.5      0.  2484.9      5.  2462.5     44.  2461.4     62.  2455.6     72.   1495
GR 2454.5     88.  2453.9    105.  2454.5    133.  2454.6    147.  2455.6    153.   1500
GR 2461.1    164.  2463.8    230.  2462.7    300.  2464.0    400.  2464.4    500.   1505
GR 2464.0    600.  2468.1    642.  2489.3    692.     0.0      0.     0.0      0.   1510
QT      5.  11865.  25800.  34875.  66970.  34875.      0.      0.      0.      0.   1515
NC  0.120   0.130   0.030     0.0     0.0                                           1520

X1  17.77     21.    395.    478.   1650.   1650.   1650.     0.0     0.0      0.   1525
GR 2485.0      0.  2474.9      4.  2475.6      9.  2475.0     26.  2475.6     35.   1530
GR 2467.6     55.  2466.2    212.  2461.9    218.  2461.5    278.  2463.2    395.   1535
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H01

```
GR 2459.5    404.  2458.5    408.  2456.8    424.  2457.8    435.  2457.4    446.   1540
GR 2457.9    460.  2459.4    469.  2464.0    478.  2468.9    565.  2474.2    669.   1545
GR 2485.0    770.     0.0      0.     0.0      0.     0.0      0.     0.0      0.   1550
                           34740.  66705.  34740.      0.      0.      0.      0.   1555
```

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X1 [illegible]
GR 2485.0     0.  2474.9     4.  2472.0     7.  2471.5   278.  2463.2   395.  1555
GR 2467.6    55.  2466.2   212.  2461.9   218.  2461.5
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HD1

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GR 2459.5   404.  2458.5   408.  2456.8   424.  2457.8   435.  2457.4   446.  1540
GR 2457.9   460.  2459.4   469.  2464.0   478.  2468.9   565.  2474.2   669.  1545
GR 2485.0   770.     0.0     0.     0.0     0.     0.0     0.     0.0     0.  1550
QT      5. 11815. 25700. 34740. 66705. 34740.     0.     0.     0.     0.  1555
NC  0.120  0.110  0.030    0.0    0.0                                        1560

X1  18.27    23.    85.   215.  2570.  2570.  2570.   0.0   0.0    0.  1565
GR 2490.0     0.  2477.9     5.  2480.9    32.  2480.6    69.  2476.5    85.  1570
GR 2465.8    97.  2463.3   104.  2463.1   110.  2463.0   125.  2461.0   152.  1575
GR 2461.7   170.  2465.0   187.  2470.5   204.  2472.5   215.  2472.4   232.  1580
GR 2472.4   235.  2470.8   260.  2472.1   300.  2472.7   325.  2475.7   535.  1585
GR 2475.8   650.  2476.0   850.  2500.0   850.     0.0     0.     0.0     0.  1590
NC  0.070  0.070    0.0     0.0    0.0                                        1595

X1  18.27    23.   110.   232.   100.   100.   100.   0.0   0.0    0.  1600
X3     10.   0.0    0.0     0.     0.0     0.     0.0  2480.2  2473.9        1605
GR 2490.0     0.  2477.9     5.  2480.9    32.  2480.6    69.  2476.5    85.  1610
GR 2465.8    97.  2463.3   104.  2463.1   110.  2463.0   125.  2461.0   152.  1615
GR 2461.7   170.  2465.0   187.  2470.5   204.  2472.5   215.  2472.4   232.  1620
GR 2472.4   235.  2470.8   260.  2472.1   300.  2472.7   325.  2475.7   535.  1625
GR 2475.8   650.  2476.0   850.  2500.0   850.     0.0     0.     0.0     0.  1630

X1  18.27    29.   110.   232.     1.     1.     1.   0.0   0.0    0.  1635
BT     4.0 110.0 2483.7   0.0  110.0 2483.7 2480.0 232.0 2483.7 2480.0 1640
BT   232.0 2483.7   0.0     0.     0.0     0.0     0.0   0.0   0.0    0.0 1645
GR 2490.0     0.  2477.9     5.  2480.9    32.  2480.7    60.  2482.1    72.  1650
GR 2482.5   110.  2471.7   110.  2465.0   124.  2464.5   130.  2461.5   140.  1655
GR 2461.9   150.  2480.0   150.  2480.0   153.  2462.0   153.  2462.1   170.  1660
GR 2463.5   176.  2463.1   187.  2480.0   187.  2480.0   190.  2463.0   190.  1665
GR 2470.5   232.  2482.5   232.  2478.0   285.  2474.5   347.  2474.4   440.  1670
GR 2475.7   535.  2475.8   650.  2476.0   850.  2500.0   850.     0.0     0.  1675

X1  18.27     0.     0.     0.    19.    19.    19.   0.0   0.0    0.  1680
X2     0.   0.0    0.     0.0    0.0    0.0    1.    0.0   0.0    0.  1685

X1  18.27    23.   110.   232.     1.     1.     1.   0.0   0.0    0.  1690
X3     10.   0.0    0.     0.     0.0     0.     0.0  2480.2  2473.9        1695
GR 2490.0     0.  2477.9     5.  2480.9    32.  2480.6    69.  2476.5    85.  1700
GR 2465.8    97.  2463.3   104.  2463.1   110.  2463.0   125.  2461.0   152.  1705
GR 2461.7   170.  2465.0   187.  2470.5   204.  2472.5   215.  2472.4   232.  1710
GR 2472.4   235.  2470.8   260.  2472.1   300.  2472.7   325.  2475.7   535.  1715
GR 2475.8   650.  2476.0   850.  2500.0   850.     0.0     0.     0.0     0.  1720
NC  0.080  0.070    0.0     0.0    0.0                                        1725

X1  18.27    23.    85.   215.    25.    25.    25.   0.0   0.0    0.  1730
GR 2490.0     0.  2477.9     5.  2480.9    32.  2480.6    69.  2476.5    85.  1735
GR 2465.8    97.  2463.3   104.  2463.1   110.  2463.0   125.  2461.0   152.  1740
GR 2461.7   170.  2465.0   187.  2470.5   204.  2472.5   215.  2472.4   232.  1745
GR 2472.4   235.  2470.8   260.  2472.1   300.  2472.7   325.  2475.7   535.  1750
GR 2475.8   650.  2476.0   850.  2500.0   850.     0.0     0.     0.0     0.  1755
QT      5. 10580. 23000. 31095. 59710. 31095.     0.     0.     0.     0.  1760
NC  0.100  0.100  0.030    0.0    0.0                                        1765
```

ID1

```
X1  19.08    27.  2069.  2182.  4275.  4275.  4275.   0.0   0.0    0.  1770
GR 2500.0  1500.  2482.8  1600.  2482.1  1675.  2484.0  1779.  2477.9  1880.  1775
GR 2477.9  2050.  2480.5  2052.  2482.0  2069.  2475.5  2075.  2472.9  2079.  1780
           [illegible]    [illegible]    2140.  2478.5  2157.  2478.1  2165.  1785
```

NC 0.100 0.100 0.000

ID1

X1	19.08	27.	2069.	2182.	4275.	4275.	4275.	0.0	0.0	0.	1770
GR	2500.0	1500.	2482.8	1600.	2482.1	1675.	2484.0	1779.	2477.9	1880.	1775
GR	2477.9	2050.	2480.5	2052.	2482.0	2069.	2475.5	2075.	2472.9	2079.	1780
GR	2473.5	2091.	2473.5	2105.	2474.1	2140.	2478.5	2157.	2478.1	2165.	1785
GR	2481.0	2182.	2480.0	2202.	2487.9	2214.	2479.4	2240.	2479.6	2274.	1790
GR	2482.8	2375.	2484.3	2475.	2483.3	2575.	2481.6	2675.	2481.8	2700.	1795
GR	2482.4	2775.	2500.0	2825.	0.0	0.	0.0	0.	0.0	0.	1800
QT	5.	10305.	22385.	30260.	58105.	30260.	0.	0.	0.	0.	1805
NC	0.090	0.120	0.030	0.0	0.0						1810
X1	19.78	14.	119.	307.	3750.	3750.	3750.	0.0	0.0	0.	1815
GR	2504.0	0.	2502.0	10.	2497.0	51.	2487.0	119.	2483.7	231.	1820
GR	2482.7	243.	2482.4	262.	2482.2	282.	2481.1	294.	2483.5	300.	1825
GR	2490.4	307.	2492.4	326.	2502.0	339.	2503.9	345.	0.0	0.	1830
QT	5.	10115.	21970.	29700.	57030.	29700.	0.	0.	0.	0.	1835
NC	0.100	0.120	0.040	0.0	0.8						1840
X1	20.25	13.	85.	215.	2550.	2550.	2550.	0.0	0.0	0.	1845
GR	2510.3	0.	2507.0	23.	2500.9	85.	2494.1	109.	2489.5	156.	1850
GR	2487.5	177.	2486.0	185.	2486.7	190.	2488.5	199.	2489.5	203.	1855
GR	2494.2	205.	2499.5	215.	2510.6	236.	0.0	0.	0.0	0.	1860
QT	5.	9830.	21340.	28855.	55405.	28855.	0.	0.	0.	0.	1865
NC	0.090	0.090	0.030	0.0	0.5						1870
X1	20.96	21.	347.	572.	3770.	3770.	3770.	0.0	0.0	0.	1875
GR	2523.9	0.	2518.1	65.	2516.4	98.	2514.3	298.	2513.3	347.	1880
GR	2508.0	375.	2506.0	386.	2503.2	397.	2502.5	415.	2502.6	433.	1885
GR	2502.1	450.	2502.4	475.	2502.7	520.	2503.2	545.	2512.5	572.	1890
GR	2512.3	603.	2511.8	612.	2507.7	621.	2510.2	723.	2515.4	785.	1895
GR	2523.9	811.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1900
QT	5.	7695.	21040.	28450.	54630.	28450.	0.	0.	0.	0.	1905
NC	0.150	0.150	0.050	0.0	0.8						1910
X1	21.30	18.	220.	345.	1790.	1790.	1790.	0.0	-0.50	0.	1915
GR	2540.5	0.	2530.7	200.	2520.0	220.	2512.3	233.	2510.0	256.	1920
GR	2510.7	278.	2510.8	294.	2511.4	307.	2512.2	316.	2515.0	329.	1925
GR	2520.0	345.	2520.0	351.	2527.3	361.	2530.6	375.	2531.5	450.	1930
GR	2531.7	550.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	1935
QT	5.	9610.	20850.	28185.	54125.	28185.	0.	0.	0.	0.	1940
NC	0.110	0.130	0.045	0.0	0.0						1945
X1	21.52	18.	220.	345.	1130.	1130.	1130.	0.0	0.0	0.	1950
GR	2540.5	0.	2530.7	200.	2520.0	220.	2512.3	233.	2510.0	256.	1955
GR	2510.7	278.	2510.8	294.	2511.4	307.	2512.2	316.	2515.0	329.	1960
GR	2520.0	345.	2520.0	351.	2527.3	361.	2530.6	375.	2531.5	450.	1965
GR	2531.7	550.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	1970
NC	0.070	0.070	0.0	0.0	0.0						1975
X1	21.52	23.	203.	350.	1.	1.	1.	0.0	0.0	0.	1980
BT	4.0	203.0	2534.0	0.0	203.0	2534.0	2529.3	350.0	2534.0	2528.7	1985
BT	350.0	2534.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1990
GR	2540.5	0.	2532.8	200.	2532.8	203.	2527.3	203.	2512.5	228.	1995
GR	2510.7	237.	2510.4	245.	2509.4	250.	2529.1	250.	2529.1	253.	2000
GR	2509.4	253.	2509.7	273.	2511.3	282.	2512.4	300.	2528.9	300.	2005

J01

GR	2528.9	303.	2512.7	303.	2516.1	322.	2528.7	350.	2533.8	350.	2010
GR	2533.3	500.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2015
NC	0.0	0.0	0.0	0.0	0.5						2020

GR	[illegible]										
GR	2510.7	237.	2510.4	245.	2509.4	250.	2529.1	[illegible]	[illegible]	[illegible]	
GR	2509.4	253.	2509.7	273.	2511.3	282.	2512.4	300.	2528.9	300.	2005

J01

GR	2528.9	303.	2512.7	303.	2516.1	322.	2528.7	350.	2533.8	350.	2010
GR	2533.3	500.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2015
NC	0.0	0.0	0.0	0.0	0.5						2020
X1	21.52	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	2025
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	2030
NC	0.110	0.090	0.030	0.0	0.0						2035
X1	21.52	18.	220.	345.	1.	1.	1.	0.0	0.0	0.	2040
GR	2540.5	0.	2530.7	200.	2520.0	220.	2512.3	[illegible]	2510.0	256.	2045
GR	2510.7	278.	2510.8	294.	2511.4	307.	2512.2	316.	2515.0	329.	2050
GR	2520.0	345.	2520.0	351.	2527.3	361.	2530.6	375.	2531.5	450.	2055
GR	2531.7	550.	2534.0	645.	2560.0	875.	0.0	0.	0.0	0.	2060
QT	5.	9400.	20380.	27555.	52910.	27555.	0.	0.	0.	0.	2065
NC	0.130	0.150	0.030	0.0	0.8						2070
X1	22.05	13.	50.	146.	2990.	2990.	2990.	0.0	0.0	0.	2075
GR	2555.1	0.	2554.5	5.	2530.0	37.	2527.7	50.	2523.5	57.	2080
GR	2520.5	70.	2521.0	86.	2520.1	105.	2520.0	115.	2521.5	131.	2085
GR	2523.5	141.	2526.4	146.	2549.5	327.	0.0	0.	0.0	0.	2090
QT	5.	9080.	19675.	26600.	51080.	26600.	0.	0.	0.	0.	2095
NC	0.130	0.130	0.030	0.0	0.5						2100
X1	22.85	13.	22.	160.	4150.	4150.	4150.	0.0	0.0	0.	2105
GR	2590.0	0.	2554.0	1.	2550.2	22.	2540.0	44.	2540.5	63.	2110
GR	2540.1	86.	2539.0	98.	2540.8	117.	2541.2	125.	2540.7	139.	2115
GR	2542.5	148.	2553.7	160.	2587.0	198.	0.0	0.	0.0	0.	2120
X1	22.85	15.	48.	174.	100.	100.	100.	0.0	0.0	0.	2125
GR	2590.0	0.	2554.0	1.	2550.2	22.	2540.0	44.	2540.1	48.	2130
GR	2540.5	63.	2540.1	86.	2539.0	98.	2540.8	117.	2541.2	125.	2135
GR	2540.7	139.	2542.5	148.	2553.7	160.	2565.5	174.	2587.0	198.	2140
SB	1.25	1.60	3.00	0.	.00	0.01	0.10	0.0	2540.0	2540.0	2145
X1	22.85	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	2150
X2	0.	0.0	1.	2540.1	2541.3	0.0	0.	0.0	0.0	0.	2155
BT	38.0	1.0	2590.0	0.0	1.0	2584.4	0.0	48.0	2584.4	0.0	2160
BT	52.0	2563.3	0.0	64.0	2558.3	0.0	68.0	2555.0	0.0	72.0	2165
BT	2554.6	0.0	75.0	2555.7	0.0	75.0	2561.0	0.0	80.0	2562.7	2170
BT	0.0	90.0	2562.7	0.0	95.0	2564.1	0.0	95.0	2581.9	0.0	2175
BT	98.0	2581.9	0.0	98.0	2564.0	0.0	112.0	2563.7	0.0	112.0	2180
BT	2581.0	0.0	115.0	2581.0	0.0	115.0	2567.0	0.0	127.0	2567.3	2185
BT	0.0	127.0	2584.0	0.0	130.0	2584.0	0.0	130.0	2541.3	0.0	2190
BT	135.0	2541.3	0.0	143.0	2547.5	0.0	143.0	2585.4	0.0	[illegible]5.0	2195
BT	2585.4	0.0	146.0	2558.5	0.0	156.0	2557.0	0.0	160.0	25[illegible].0	2200
BT	0.0	160.0	2585.7	0.0	163.0	2585.7	0.0	163.0	2553.0	0.0	2205
BT	167.0	2552.0	0.0	168.0	2551.0	0.0	174.0	2552.4	0.0	174.0	2210
BT	2591.0	0.0	250.0	2591.0	0.0	0.0	0.0	0.0	0.0	0.0	2215
NC	0.120	0.100	0.030	0.0	0.0						2220
X1	22.85	12.	24.	145.	25.	25.	25.	0.0	0.0	0.	2225
GR	2590.0	-42.	2568.0	0.	2555.0	24.	2547.4	35.	2547.1	40.	2230
GR	2543.7	43.	2545.0	52.	2544.9	67.	2553.0	84.	2557.3	145.	2235

K01

GR	2563.5	163.	2587.0	203.	0.0	0.	0.0	0.	0.0	0.	2240
QT	5.	8880.	19235.	26005.	49935.	26005.	0.	0.	0.	0.	2245
NC	0.135	0.135	0.030	0.0	0.0						2250

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X1  22.85     12.     24.    145.     25.     25.     25.    0.0     0.0      0.   2225
GR 2590.0    -42.   2568.0     0.   2555.0    24.   2547.4   35.  2547.1    40.   2230
GR 2543.7     43.   2545.0    52.   2544.9    67.   2553.0   84.  2557.3   145.   2235
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KD1

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GR 2563.5    163.   2587.0   203.      0.0     0.      0.0     0.     0.0      0.   2240
QT      5.   8880.  19235.  26005.  49935.  26005.      0.     0.     0.      0.   2245
NC  0.135   0.135   0.030     0.0     0.0                                          2250

X1  23.35     14.     28.    120.   2665.   2665.   2665.    0.0     0.0      0.   2255
GR 2587.5     -6.   2578.5     6.   2567.1    16.   2561.6   28.  2560.0    40.   2260
GR 2556.5     52.   2558.7    59.   2559.0    70.   2558.3   79.  2558.0    95.   2265
GR 2558.0    105.   2560.C   114.   2565.0   120.   2587.5  145.     0.0     0.   2270
QT      5.   8565.  18540.  25065.  48130.  25065.      0.     0.     0.      0.   2275
NC  0.130   0.130   0.055     0.0     0.8                                          2280

X1  24.14     18.    250.    312.   4160.   4160.   4160.    0.0     0.0      0.   2285
GR 2603.0      0.   2599.0    20.   2597.1    50.   2593.9  150.  2594.7   182.   2290
GR 2590.5    200.   2586.5   209.   2581.7   250.   2580.1  255.  2578.0   286.   2295
GR 2575.7    272.   2574.5   277.   2574.7   281.   2575.5  286.  2578.5   300.   2300
GR 2581.6    312.   2599.1   334.   2603.0   342.      0.0    0.     0.0      0.   2305
QT      5.   7875.  17110.  23140.  44430.  23140.      0.     0.     0.      0.   2310
NC  0.120   0.150   0.030     0.0     0.5                                          2315

X1  24.48     15.     39.    210.   1710.   1710.   1710.    0.0     0.0      0.   2320
GR 2620.0    -25.   2601.6    30.   2597.5    39.   2593.4   47.  2590.3    97.   2325
GR 2589.6    149.   2590.4   180.   2590.5   190.   2591.0  197.  2598.7   210.   2330
GR 2606.3    222.   2607.3   227.   2607.6   246.   2606.5  247.  2620.0   265.   2335
NC  0.070   0.070     0.0      0.0     0.0                                          2340

X1  24.48     37.     97.    197.      1.      1.      1.     0.0     0.0      0.   2345
BT      8.0  97.0   2595.0     0.0    97.0  2595.0  2594.0  123.0  2595.3  2594.1  2350
BT    123.0  2595.3     0.0  167.0  2595.1     0.0   167.0  2595.1  2594.0   197.0  2355
BT   2596.0  2594.8   197.0  2596.0     0.0     0.0     0.0    0.0     0.0     0.0  2360
GR 2620.0    -25.   2601.6    30.   2597.5    39.   2594.6   45.  2593.6    58.   2365
GR 2593.5     79.   2595.0    97.   2589.7    97.   2589.4  107.  2589.7   112.   2370
GR 2594.1    112.   2594.1   113.   2589.8   113.   2589.5  115.  2589.4   120.   2375
GR 2590.1    123.   2595.3   123.   2595.3   126.   2594.9  132.  2595.1   167.   2380
GR 2589.5    167.   2589.3   172.   2589.4   179.   2589.5  182.  2594.4   182.   2385
GR 2594.5    183.   2589.6   183.   2589.3   190.   2589.6  197.  2596.0   197.   2390
GR 2596.4    207.   2598.7   210.   2605.3   222.   2607.3  227.  2607.6   246.   2395
GR 2606.5    247.   2620.0   265.      0.0     0.      0.0    0.     0.0      0.   2400

X1  24.48      0.      0.      0.     10.     10.     10.    0.0     0.0      0.   2405
X2      0.     0.0      0.     0.0     0.0     0.0     1.    0.0     0.0      0.   2410
NC  0.090   0.080     0.0      0.0     0.0                                          2415

X1  24.48     15.     39.    210.      1.      1.      1.    0.0     0.0      0.   2420
GR 2620.0    -25.   2601.6    30.   2597.5    39.   2593.4   47.  2590.3    97.   2425
GR 2589.6    149.   2590.4   180.   2590.5   190.   2591.0  197.  2598.7   210.   2430
GR 2606.3    222.   2607.3   227.   2607.6   246.   2606.5  247.  2620.0   265.   2435
QT      5.   7795.  16935.  22900.  43970.  22900.      0.     0.     0.      0.   2440
NC  0.150   0.120   0.030     0.0     0.0                                          2445

X1  25.14     13.     42.     84.   3480.   3480.   3480.    0.0     0.0      0.   2450
GR 2640.0    -18.   2616.0    42.   2605.0    59.   2602.6   60.  2602.7    67.   2455
GR 2602.9     75.   2605.1    84.   2612.5    95.   2627.3  117.  2627.6   124.   2460
GR 2627.1    142.   2626.7   147.   2640.0   175.      0.0    0.     0.0      0.   2465
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LD1

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QT      5.   7775.  16890.  22835.  43850.  22835.      0.     0.     0.      0.   2470
```

NC	0.150	0.120									

X1	25.14	13.	42.	84.	3480.	3480.	3480.	0.0	0.0	0.	2450
GR	2640.0	-18.	2616.0	42.	2605.0	59.	2602.6	60.	2602.7	67.	2455
GR	2602.9	75.	2605.1	84.	2612.5	95.	2627.3	117.	2627.6	124.	2460
GR	2627.1	142.	2626.7	147.	2640.0	175.	0.0	0.	0.0	0.	2465

L01

QT	5.	7775.	16890.	22835.	43850.	22835.	0.	0.	0.	0.	2470
X1	25.31	0.	0.	0.	895.	895.	895.	0.0	7.60	0.	2475
QT	5.	7770.	16880.	22825.	43825.	22825.	0.	0.	0.	0.	2480
X1	25.34	0.	0.	0.	160.	160.	160.	0.0	9.80	0.	2485
QT	5.	7680.	16690.	22565.	43330.	22565.	0.	0.	0.	0.	2490
NC	0.150	0.120	0.030	0.0	0.0						2495
X1	26.05	19.	172.	300.	3775.	3775.	3775.	0.0	0.0	0.	2500
GR	2665.0	-15.	2650.5	60.	2649.6	130.	2646.4	172.	2641.7	187.	2505
GR	2640.6	205.	2640.0	214.	2640.0	227.	2639.7	234.	2640.3	248.	2510
GR	2641.8	261.	2643.9	300.	2647.1	360.	2653.2	377.	2654.2	384.	2515
GR	2653.5	401.	2652.7	412.	2652.4	503.	2665.0	535.	0.0	0.	2520
NC	0.070	0.070	0.0	0.0	0.0						2525
X1	26.05	17.	172.	369.	40.	40.	40.	0.0	0.0	0.	2530
GR	2665.0	-15.	2650.5	60.	2649.6	130.	2646.4	172.	2645.5	175.	2535
GR	2645.4	180.	2645.0	254.	2646.0	254.	2646.0	258.	2644.4	266.	2540
GR	2650.3	369.	2653.2	377.	2654.2	384.	2653.5	401.	2652.7	412.	2545
GR	2652.4	503.	2665.0	535.	0.0	0.	0.0	0.	0.0	0.	2550
X1	26.05	0.	0.	0.	15.	15.	15.	0.0	0.0	0.	2555
NC	0.110	0.080	0.0	0.0	0.0						2560
X1	26.05	19.	172.	300.	10.	10.	10.	0.0	0.0	0.	2565
GR	2665.0	-15.	2650.5	60.	2649.6	130.	2646.4	172.	2641.7	187.	2570
GR	2640.6	205.	2640.0	214.	2640.0	227.	2639.7	234.	2640.3	248.	2575
GR	2641.8	261.	2643.9	300.	2647.1	360.	2653.2	377.	2654.2	384.	2580
GR	2653.5	401.	2652.7	412.	2652.4	503.	2665.0	535.	0.0	0.	2585
QT	5.	7640.	16600.	22450.	43105.	22450.	0.	0.	0.	0.	2590
NC	0.150	0.090	0.030	0.0	0.0						2595
X1	26.37	40.	475.	714.	1665.	1665.	1665.	0.0	0.0	0.	2600
GR	2671.6	0.	2664.7	18.	2655.0	72.	2654.4	125.	2651.6	224.	2605
GR	2649.5	230.	2648.5	236.	2648.7	242.	2649.5	250.	2650.7	275.	2610
GR	2651.7	375.	2653.8	475.	2651.3	481.	2649.0	518.	2648.8	530.	2615
GR	2651.7	537.	2652.4	543.	2648.3	552.	2648.6	556.	2650.0	561.	2620
GR	2652.1	564.	2650.7	567.	2650.3	579.	2649.0	580.	2650.0	590.	2625
GR	2650.1	607.	2650.7	637.	2651.4	647.	2651.7	700.	2657.7	714.	2630
GR	2658.6	725.	2658.8	744.	2657.9	749.	2659.7	753.	2658.2	770.	2635
GR	2658.6	855.	2661.5	956.	2660.0	1047.	2662.5	1164.	2670.7	1177.	2640
QT	5.	7565.	16440.	22230.	42685.	22230.	0.	0.	0.	0.	2645
NC	0.120	0.140	0.045	0.0	0.8						2650
X1	26.97	19.	250.	318.	3300.	3300.	3300.	0.0	0.0	0.	2655
GR	2686.0	0.	2675.0	10.	2672.7	24.	2674.5	27.	2675.8	130.	2660
GR	2674.7	193.	2674.3	204.	2672.4	219.	2669.1	244.	2665.7	250.	2665
GR	2664.1	275.	2662.3	298.	2665.7	312.	2666.3	318.	2677.0	335.	2670
GR	2678.1	348.	2677.5	367.	2676.9	370.	2690.0	400.	0.0	0.	2675
QT	5.	7500.	16305.	22045.	42330.	22045.	0.	0.	0.	0.	2680
NC	0.120	0.140	0.055	0.3	0.0						2685

M01

GR	2664.1	275.	2662.5	298.	[illegible]	[illegible]	[illegible]				
GR	2678.1	348.	2677.5	367.	2676.9	370.	2690.0	400.	0.0	0.	[illegible]
QT	5.	7500.	16305.	22045.	42330.	22045.	0.	0.	0.	0.	2680
NC	0.120	0.140	0.055	0.3	0.0						2685

M01

X1	27.48	32.	357.	517.	2620.	2620.	2620.	0.0	0.0	0.	2690
BT	4.0	357.0	2694.6	0.0	357.0	2694.6	2689.7	517.0	2694.6	2689.7	2695
BT	517.0	2694.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2700
GR	2700.9	0.	2691.3	263.	2692.0	300.	2692.2	357.	2689.2	357.	2705
GR	2683.1	374.	2682.5	390.	2680.0	395.	2689.7	395.	2689.7	398.	2710
GR	2677.7	398.	2677.7	404.	2679.3	420.	2679.5	430.	2679.0	435.	2715
GR	2689.7	435.	2689.7	438.	2678.2	438.	2677.7	445.	2677.6	455.	2720
GR	2677.0	470.	2677.1	477.	2689.7	477.	2689.7	480.	2677.2	480.	2725
GR	2688.1	500.	2688.8	517.	2692.6	517.	2692.6	538.	2692.5	554.	2730
GR	2691.6	564.	2705.0	585.	0.0	0.	0.0	0.	0.0	0.	2735
NC	0.070	0.070	0.030	0.1	0.5						2740
X1	27.48	0.	0.	0.	34.	34.	34.	0.0	0.0	0.	2745
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	2750
QT	5.	7415.	16115.	21790.	41840.	21790.	0.	0.	0.	0.	2755
NC	0.120	0.110	0.040	0.0	0.0						2760
X1	28.18	28.	348.	530.	3685.	3685.	3685.	0.0	0.0	0.	2765
GR	2723.4	0.	2712.7	67.	2714.8	168.	2705.4	190.	2708.0	294.	2770
GR	2706.1	348.	2703.7	367.	2704.2	373.	2706.2	375.	2706.3	427.	2775
GR	2704.1	451.	2703.3	455.	2703.2	461.	2703.3	469.	2704.2	473.	2780
GR	2707.6	474.	2705.8	487.	2704.6	489.	2702.7	495.	2703.1	505.	2785
GR	2702.9	515.	2704.2	524.	2709.0	530.	2716.2	540.	2718.0	550.	2790
GR	2717.9	567.	2717.4	571.	2725.5	575.	0.0	0.	0.0	0.	2795
QT	5.	7375.	16030.	21670.	41615.	21670.	0.	0.	0.	0.	2800
NC	0.150	0.150	0.050	0.0	0.8						2805
X1	28.50	17.	343.	438.	1640.	1640.	1640.	0.0	-9.70	0.	2810
GR	2745.0	-10.	2733.5	11.	2733.2	105.	2731.0	200.	2729.9	286.	2815
GR	2728.8	298.	2731.1	312.	2730.7	325.	2730.1	343.	2716.5	375.	2820
GR	2715.3	392.	2715.2	412.	2732.6	438.	2733.7	461.	2734.6	482.	2825
GR	2735.1	525.	2745.0	550.	0.0	0.	0.0	0.	0.0	0.	2830
QT	5.	7335.	15945.	21560.	41400.	21560.	0.	0.	0.	0.	2835
NC	0.120	0.110	0.040	0.0	0.8						2840
X1	28.81	33.	325.	461.	890.	890.	890.	0.0	0.0	0.	2845
BT	4.0	325.0	2732.5	0.0	325.0	2732.5	2728.4	461.0	2736.1	2731.8	2850
BT	461.0	2736.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2855
GR	2745.0	-10.	2733.5	11.	2733.2	105.	2731.0	200.	2729.9	286.	2860
GR	2729.7	288.	2730.0	305.	2731.1	312.	2730.9	320.	2732.4	320.	2865
GR	2732.5	325.	2727.5	325.	2726.5	342.	2717.5	361.	2717.3	370.	2870
GR	2729.5	370.	2729.6	373.	2717.2	373.	2717.0	383.	2715.3	392.	2875
GR	2715.4	406.	2717.5	417.	2730.7	417.	2730.8	420.	2719.0	420.	2880
GR	2728.9	440.	2730.6	461.	2736.1	461.	2736.2	465.	2733.9	465.	2885
GR	2734.8	483.	2735.1	525.	2745.0	550.	0.0	0.	0.0	0.	2890
NC	0.070	0.070	0.030	0.0	0.0						2895
X1	28.81	0.	0.	0.	34.	34.	34.	0.0	0.0	0.	2900
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	2905
QT	5.	7315.	15900.	21500.	41285.	21500.	0.	0.	0.	0.	2910
NC	0.150	0.110	0.030	0.0	0.0						2915

A02

X1	28.97	18.	37.	98.	1690.	1690.	1690.	0.0	0.0	0.	2920
GR	2744.6	0.	2743.7	10.	2743.3	12.	2724.3	37.	2720.2	48.	2925
GR	2718.7	60.	2718.4	71.	2722.1	80.	2724.3	89.	2725.1	98.	2930
GR	2723.2	110.	2736.2	131.	2738.0	145.	2736.0	169.	2734.7	173.	2935
GR	2738.7	179.	2743.1	216.	2746.6	216.	0.0	0.	0.0	0.	2940
QT	5.	7200.	15655.	21165.	40645.	21165.	0.	0.	0.	0.	2945
NC	0.150	0.100	0.045	0.0	0.8						2950
X1	29.89	23.	256.	435.	4800.	4800.	4800.	0.0	0.0	0.	2955
GR	2772.5	0.	2769.4	4.	2768.7	13.	2763.7	24.	2761.3	30.	2960
GR	2757.6	151.	2759.3	256.	2757.0	266.	2752.7	291.	2753.7	300.	2965
GR	2753.9	326.	2752.2	333.	2750.4	356.	2750.7	366.	2750.7	392.	2970
GR	2750.5	404.	2752.1	416.	2760.0	435.	2765.5	448.	2765.7	451.	2975
GR	2765.9	470.	2764.9	474.	2773.5	488.	0.0	0.	0.0	0.	2980
QT	5.	7110.	15460.	20905.	40145.	20905.	0.	0.	0.	0.	2985
NC	0.120	0.110	0.030	0.0	0.0						2990
X1	30.60	33.	241.	515.	3810.	3810.	3810.	0.0	0.0	0.	2995
GR	2799.7	0.	2794.7	24.	2788.3	82.	2789.2	135.	2790.2	225.	3000
GR	2790.7	233.	2791.5	241.	2788.7	246.	2785.8	266.	2782.7	277.	3005
GR	2785.5	303.	2779.4	312.	2779.5	346.	2780.2	360.	2779.3	373.	3010
GR	2779.3	386.	2780.2	398.	2781.1	432.	2783.4	490.	2790.3	515.	3015
GR	2788.8	633.	2789.0	720.	2789.8	725.	2783.2	728.	2789.5	734.	3020
GR	2789.4	753.	2788.0	755.	2789.5	765.	2784.9	796.	2787.5	847.	3025
GR	2786.3	964.	2785.0	992.	2799.7	1020.	0.0	0.	0.0	0.	3030
QT	5.	7070.	15375.	20785.	39920.	20785.	0.	0.	0.	0.	3035
NC	0.150	0.150	0.050	0.0	0.0						3040
X1	30.92	19.	312.	428.	1600.	1600.	1600.	0.0	-8.40	0.	3045
GR	2825.0	0.	2812.4	113.	2811.6	143.	2811.2	210.	2813.8	257.	3050
GR	2812.3	300.	2811.7	312.	2801.7	336.	2800.5	352.	2800.4	381.	3055
GR	2801.4	420.	2806.4	428.	2812.3	460.	2816.4	469.	2817.1	482.	3060
GR	2816.1	500.	2813.0	518.	2813.5	535.	2824.5	650.	0.0	0.	3065
QT	5.	7030.	15290.	20670.	39700.	20670.	0.	0.	0.	0.	3070
NC	0.120	0.120	0.045	0.0	0.8						3075
X1	31.24	39.	300.	460.	1630.	1630.	1630.	0.0	0.0	0.	3080
BT	4.0	300.0	2823.0	0.0	300.0	2823.0	2819.0	460.0	2820.5	2816.5	3085
BT	460.0	2820.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3090
GR	2825.0	0.	2812.4	113.	2811.6	143.	2811.4	173.	2813.3	207.	3095
GR	2818.5	257.	2820.2	282.	2820.6	297.	2823.0	297.	2823.0	300.	3100
GR	2817.8	300.	2817.7	308.	2803.5	340.	2813.4	340.	2818.3	343.	3105
GR	2802.5	343.	2802.5	346.	2800.7	352.	2800.6	368.	2800.2	375.	3110
GR	2800.5	380.	2817.8	380.	2817.7	383.	2800.5	383.	2800.4	390.	3115
GR	2801.1	405.	2801.5	420.	2817.2	420.	2817.1	423.	2801.6	423.	3120
GR	2802.3	429.	2815.5	447.	2815.5	460.	2820.5	460.	2820.4	467.	3125
GR	2817.9	467.	2815.4	514.	2813.6	535.	2824.5	650.	0.0	0.	3130
NC	0.070	0.070	0.030	0.0	0.5						3135
X1	31.24	0.	0.	0.	34.	34.	34.	0.0	0.0	0.	3140
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	3145
QT	5.	6975.	15165.	20500.	39370.	20500.	0.	0.	0.	0.	3150
NC	0.150	0.100	0.045	0.0	0.8						3155

B02

X1	31.71	23.	58.	186.	2515.	2515.	2515.	0.0	0.0	0.	3160
						42	2827.7	58.	2826.2	73.	3165

QT	5.	6975.	15165.	20500.	[illegible]	[illegible]		0.	[illegible]		
NC	0.150	0.100	0.045	0.0	0.8						[illegible]

B02

X1	31.71	23.	58.	186.	2515.	2515.	2515.	0.0	0.0	0.	3160
GR	2841.3	0.	2835.4	18.	2834.7	42.	2827.7	58.	2826.2	73.	3165
GR	2819.1	120.	2818.5	128.	2819.3	138.	2819.9	144.	2820.7	147.	3170
GR	2822.4	177.	2830.0	186.	2830.1	210.	2830.3	218.	2829.4	320.	3175
GR	2828.0	418.	2830.8	518.	2834.0	718.	2833.3	820.	2833.0	920.	3180
GR	2833.7	1018.	2835.0	1027.	2844.2	1027.	0.0	0.	0.0	0.	3185
QT	5.	5835.	12695.	17160.	32950.	17160.	0.	0.	0.	0.	3190
NC	0.130	0.125	0.045	0.0	0.0						3195
X1	32.36	30.	75.	180.	3450.	3450.	3450.	0.0	0.0	0.	3200
GR	2877.6	0.	2868.5	47.	2865.5	50.	2866.0	52.	2865.7	67.	3205
GR	2857.2	75.	2856.8	85.	2854.5	110.	2854.6	118.	2854.9	126.	3210
GR	2855.3	161.	2855.1	172.	2855.5	177.	2858.2	180.	2862.8	284.	3215
GR	2862.8	327.	2860.2	427.	2860.9	527.	2863.5	627.	2865.6	677.	3220
GR	2861.7	696.	2862.9	727.	2864.6	825.	2865.1	865.	2866.1	940.	3225
GR	2867.4	1025.	2869.5	1119.	2868.3	1123.	2869.3	1125.	2869.7	1147.	3230
GR	2869.1	1154.	2869.7	1155.	2870.0	1162.	2868.1	1166.	2871.6	1171.	3235
GR	2872.8	1250.	2874.5	1330.	2875.6	1427.	2876.7	1450.	2884.8	1468.	3240
QT	5.	5700.	12395.	16760.	32180.	16760.	0.	0.	0.	0.	3245
NC	0.150	0.110	0.045	C.0	0.0						3250
X1	32.77	30.	35.	107.	2230.	2230.	2230.	0.0	0.0	0.	3255
GR	2890.6	0.	2875.0	35.	2871.0	42.	2869.5	48.	2868.6	55.	3260
GR	2868.3	63.	2870.5	71.	2871.0	80.	2875.5	107.	2876.5	142.	3265
GR	2877.2	154.	2874.9	193.	2874.7	215.	2874.7	310.	2875.5	425.	3270
GR	2876.7	525.	2877.1	565.	2874.1	616.	2878.6	629.	2878.5	677.	3275
GR	2879.3	707.	2879.0	787.	2880.7	807.	2884.1	907.	2883.4	911.	3280
GR	2884.0	915.	2883.9	935.	2885.1	1007.	2891.5	1100.	2893.1	1119.	3285
QT	5.	5435.	11810.	15970.	30560.	15970.	0.	0.	0.	0.	3290
NC	0.110	0.130	0.045	0.0	0.0						3295
X1	33.58	26.	112.	216.	4410.	4410.	4410.	0.0	0.0	0.	3300
BT	4.0	112.0	2936.1	0.0	112.0	2936.1	2932.3	216.0	2936.4	2932.2	3305
BT	216.0	2936.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3310
GR	2940.2	0.	2935.7	7.	2933.9	67.	2932.3	112.	2918.1	119.	3315
GR	2918.0	140.	2918.2	144.	2932.4	144.	2932.4	150.	2918.3	150.	3320
GR	2918.0	157.	2918.5	167.	2919.8	183.	2932.5	183.	2932.5	184.	3325
GR	2920.2	184.	2929.0	216.	2934.7	216.	2932.1	320.	2930.2	415.	3330
GR	2927.7	590.	2928.5	675.	2928.8	790.	2929.5	829.	2928.7	850.	3335
GR	2945.0	850.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	3340
NC	0.070	0.070	0.030	0.0	0.0						3345
X1	33.58	0.	0.	0.	20.	20.	20.	0.0	0.0	0.	3350
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	3355
QT	5.	5360.	11650.	15755.	30250.	15755.	0.	0.	0.	0.	3360
X1	33.80	0.	0.	0.	1160.	1160.	1160.	0.0	8.80	0.	3365
QT	5.	5120.	11120.	15040.	28880.	15040.	0.	0.	0.	0.	3370
NC	0.150	0.130	0.030	0.0	0.0						3375
X1	34.53	23.	300.	394.	3790.	3790.	3790.	0.0	0.0	0.	3380
GR	2989.5	0.	2973.7	49.	2973.8	127.	2971.7	213.	2974.5	248.	3385
GR	2973.2	300.	2968.5	313.	2967.8	345.	2967.3	355.	2967.1	362.	3390
GR	2963.7	369.	2966.8	377.	2967.8	384.	2978.5	394.	2978.5	401.	3395

C02

GR	2978.2	413.	2982.0	504.	2978.8	507.	2979.2	513.	2979.2	530.	3400
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	618	0.0	0.	0.0	0.	3405
											[illegible]

GR 2989.5 D. 2973.1 [illegible]
GR 2973.2 300. 2968.5 313. 2967.8 345. 2967.3 355. 2967.1 [illegible]
GR 2966.7 369. 2966.8 377. 2967.8 384. 2978.5 394. 2978.5 401. 3395

CO2

GR 2978.2 413. 2982.0 504. 2978.8 507. 2979.2 513. 2979.2 530. 3400
GR 2979.4 536. 2984.7 542. 2989.6 618. 0.0 0. 0.0 0. 3405
EJ 3410

DO2

*PROF 1

D02

*PROF 1

CCHV= 0.100 CEHV= 0.500
*SECNO .020
2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

3265 DIVIDED FLOW

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.02	14460.	381.	14078.	2.	2.50	0	270.	
2035.34	2034.09	203.	1096.	2.	0.50	12	2030.90	
12.44	0.0	1.88	12.85	0.82	0.0	2037.84	2032.50	
0.003826	0.0	0.080	0.030	0.080	0.0	-0.00	67.63	
	2022.90	0.	0.	0.	294.	63.	424.34	0.

CCHV= 0.100 CEHV= 0.800
*SECNO .270

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	14455.	0.	14455.	0.	1.48	2	150.
2040.89	0.0	0.	1479.	0.	-1.01	0	2050.00
13.89	0.0	0.0	9.77	0.0	4.44	2042.38	2053.90
0.002670	0.030	0.080	0.030	0.080	0.10	-0.00	77.06
	2027.00	1400.	1400.	1400.	85.	70.	232.78 45.

CCHV= 0.100 CEHV= 0.500
*SECNO .270

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	14455.	0.	14455.	0.	1.45	1	150.
2041.02	0.0	0.	1497.	0.	-0.03	0	2050.00
14.02	0.0	0.0	9.66	0.0	0.09	2042.47	2053.90
0.002582	0.030	0.070	0.030	0.070	0.00	-0.00	76.81
	2027.00	34.	34.	34.	86.	70.	232.92 46.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

E02

3301 HV CHANGED MORE THAN HVINS

2.27 3 136.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

3301 HV CHANGED MORE THAN HVINS

0.97	14435.	214.	14221.	0.	2.77	3	136.	
2051.27	0.0	87.	1057.	0.	1.32	0	2046.90	
13.47	0.0	2.46	13.45	0.0	10.52	2054.04	2054.10	
0.003383	0.030	0.070	0.030	0.070	1.06	-0.00	108.53	
	2037.80	3575.	3575.	3575.	89.	47.	244.90	154.

CCHV= 0.100 CEHV= 0.500
*SECNO 1.550

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.55	14415.	304.	14111.	0.	1.79	2	225.	
2060.24	0.0	197.	1300.	0.	-0.98	0	2058.00	
11.24	0.0	1.54	10.86	0.0	7.90	2062.04	2060.80	
0.001909	0.028	0.080	0.025	0.070	0.10	-0.00	58.85	
	2049.00	3170.	3170.	3170.	152.	74.	284.15	250.
*SECNO 2.000								
2.00	14405.	90.	14145.	170.	1.64	3	390.	
2067.16	0.0	82.	1365.	130.	-0.16	0	2065.80	
10.16	0.0	1.09	10.36	1.31	6.75	2068.80	2066.90	
0.004802	0.031	0.100	0.040	0.080	0.02	-0.00	44.32	
	2057.00	2350.	2350.	2350.	165.	225.	434.22	333.

CCHV= 0.100 CEHV= 0.800
*SECNO 2.750

3301 HV CHANGED MORE THAN HVINS

2.75	14380.	23.	14344.	13.	0.97	5	177.	
2084.44	0.0	20.	1809.	11.	-0.66	0	2079.70	
16.54	0.0	1.12	7.93	1.14	16.55	2085.41	2079.30	
0.003600	0.037	0.130	0.055	0.110	0.07	-0.00	18.36	
	2067.90	4000.	4000.	4000.	91.	86.	195.35	490.

CCHV= 0.100 CEHV= 0.500
*SECNO 3.520

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	14360.	0.	14360.	0.	1.08	2	153.	
2101.69	0.0	0.	1725.	0.	0.10	0	2110.50	
14.29	0.0	0.0	8.32	0.0	17.31	2102.77	2110.00	

0.005020	0.039	0.120	0.045	0.100	0.05	-0.00	51.00	
	2087.40	4100.	4100.	4100.	80.	80.	210.00	658.

2101.69	0.0	0.	1123.	0.0	17.31	2102.77	2110.00	
14.29	0.0	0.0	8.32	0.0				

F02

0.005020	0.039	0.120	0.045	0.100	0.05	-0.00	51.00	
	2087.40	4100.	4100.	4100.	80.	80.	210.00	658.

*SECNO 3.520

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	14360.	0.	14360.	0.	1.06	0	153.	
2101.79	0.0	0.	1740.	0.	-0.02	0	2110.50	
14.39	0.0	0.0	8.25	0.0	0.07	2102.84	2110.00	
0.002178	0.039	0.070	0.030	0.070	0.00	0.0	51.00	
	2087.40	23.	23.	23.	80.	80.	210.00	659.

*SECNO 4.220

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
4.22	13930.	0.	13930.	0.	2.45	3	194.	
2113.75	0.0	0.	1108.	0.	1.39	0	2115.00	
9.85	0.0	0.0	12.57	0.0	12.66	2116.21	2116.00	
0.006439	0.038	0.090	0.030	0.090	0.70	-0.00	228.94	
	2103.90	3665.	3665.	3665.	112.	82.	422.88	779.

*SECNO 5.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

5.00	13930.	0.	13930.	0.	1.50	3	154.	
2131.64	0.0	0.	1416.	0.	-0.95	0	2137.70	
12.84	0.0	0.0	9.84	0.0	16.84	2133.14	2140.10	
0.002846	0.036	0.090	0.030	0.090	0.09	-0.00	132.23	
	2118.80	4100.	4100.	4100.	79.	81.	291.80	897.

*SECNO 5.140

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	13845.	0.	13843.	0.	1.78	3	151.

G02

2133.84	0.0	0.	1294.	0.	0.27	0	2140.70	
12.04	0.0	0.0	10.70	0.0	2.34	2135.62	2143.10	
0.003637	0.030	0.080	0.030	0.080	0.14	-0.00	133.54	
		230	730	730.	77.	80.	290.74	920.

3270 NORMAL BRIDGE

5.14	13845.	0.	13843.	0.	1.78	3	151.

GD2

2133.84	0.0	0.	1294.	0.	0.27	0	2140.70	
12.04	0.0	0.0	10.70	0.0	2.34	2135.62	2143.10	
0.003637	0.036	0.080	0.030	0.080	0.14	-0.00	133.54	
	2121.80	730.	730.	730.	77.	80.	290.74	920.

*SECNO 5.140

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	13845.	0.	13845.	0.	1.70	2	152.	
2134.05	0.0	0.	1324.	0.	-0.08	0	2140.70	
12.23	0.0	0.0	10.46	0.0	0.11	2135.73	2143.10	
0.003406	0.036	0.080	0.030	0.080	0.01	-0.00	133.22	
	2121.80	31.	31.	31.	3.	80.	291.01	921.

*SECNO 5.980

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

5.98	13765.	0.	13765.	0.	3.69	10	122.	
2158.61	2158.61	0.	893.	0.	1.99	8	2159.20	
13.71	0.0	0.0	15.42	0.0	21.86	2162.30	2166.00	
0.007222	0.035	0.150	0.030	0.120	1.00	-0.00	73.86	
	2144.90	4570.	4570.	4570.	64.	58.	195.50	1037.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.600

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
6.60	13710.	0.	13710.	0.	1.32	4	148.	
2179.33	0.0	0.	1486.	0.	-2.37	0	2183.60	
15.13	0.0	0.0	9.22	0.0	18.11	2180.65	2183.50	
0.004681	0.037	0.150	0.050	0.130	0.24	-0.00	80.48	
	2164.20	3150.	3150.	3150.	74.	74.	228.32	1123.

H02

CCHV= 0.100 CEHV= 0.800
*SECNO 6.830

0.004681								
	2164.20	3150.	3150.	3150.	74.			

HD2

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	13680.	0.	13680.	0.	1.35	2	160.	
2187.28	0.0	0.	1467.	0.	0.03	0	2194.50	
13.28	0.0	0.0	9.32	0.0	7.96	2188.63	2193.60	
0.004685	0.037	0.150	0.040	0.130	0.02	-0.00	67.90	
	2174.00	1700.	1700.	1700.	85.	89.	242.00	1181.

CCHV= 0.100 CEHV= 0.500
*SECNO 6.930

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	13680.	0.	13680.	0.	1.30	2	162.	
2187.46	0.0	0.	1496.	0.	-0.05	0	2194.50	
13.46	0.0	0.0	9.15	0.0	0.12	2188.76	2193.60	
0.003434	0.037	0.090	0.035	0.090	0.01	-0.00	67.33	
	2174.00	30.	30.	30.	86.	89.	242.00	1182.

*SECNO 7.380

3301 HV CHANGED MORE THAN HVINS

7.38	13635.	1.	13483.	151.	2.17	3	187.	
2195.65	0.0	2.	1134.	89.	0.87	0	2194.50	
9.05	0.0	0.41	11.89	1.70	8.63	2197.83	2192.00	
0.003873	0.036	0.150	0.030	0.100	0.44	-0.00	26.84	
	2186.60	2370.	2370.	2370.	77.	110.	213.63	1256.

CCHV= 0.100 CEHV= 0.800
*SECNO 8.240

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

8.24	13560.	0.	13560.	0.	1.94	20	160.	
2221.19	2219.47	0.	1214.	0.	-0.24	11	2221.50	
10.29	0.0	0.0	11.17	0.0	25.28	2223.13	2221.50	
0.009650	0.038	0.150	0.050	0.120	0.02	-0.00	66.02	
	2210.90	4360.	4360.	4360.	79.	80.	225.52	1378.

*SECNO 9.310

CANE RIVER			10 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA

IO2

	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.31	13460.	0.	13460.	0.	1.68	4	128.	
					-0.25	0	2263.00	

ELEV	CRIWS						
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA

	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
9.31	13460.	0.	13460.	0.	1.68	4	128.	
2258.94	0.0	0.	1294.	0.	-0.25	0	2263.00	
15.34	0.0	0.0	10.71	0.0	37.46	2260.62	2263.00	
0.004781	0.039	0.125	0.045	0.090	0.03	-0.00	17.70	
	2243.60	5680.	5680.	5680.	61.	67.	145.55	1542.

*SECNO 9.980

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3710 WSEL ASSUMED BASED ON MIN DIFF

9.98	12600.	0.	12600.	0.	0.92	20	161.
2283.00	2275.65	0.	1634.	0.	-0.76	12	2286.60
17.00	0.0	0.0	7.71	0.0	21.49	2283.92	2284.60
0.007959	0.039	0.130	0.045	0.130	11.48	-136.96	57.00
	2266.00	3570.	3570.	3570.	81.	81.	218.00	1662.

CCHV= 0.100 CEHV= 0.500
*SECNO 9.980

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	12600.	0.	12600.	0.	0.92	2	161.	
2283.18	0.0	0.	1634.	0.	0.00	0	2286.60	
17.18	0.0	0.0	7.71	0.0	0.18	2284.11	2284.60	
0.003537	0.039	0.070	0.030	0.070	0.00	-166.44	57.00	
	2266.00	36.	36.	36.	81.	81.	218.00	1663.

CCHV= 0.100 CEHV= 0.800
*SECNO 11.230

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	12 [illegible]	0.	12480.	0.	2.76	4	110.	
2326.72	0.0	0.	937.	0.	1.83	0	2335.80	
12.22	0.0	0.0	13.32	0.0	43.91	2329.48	2339.50	

0.018211	0.040	0.110	0.050	0.150	1.47	-0.00	142.56	
	2314.50	6465.	6465.	6465.	65.	51.	258.99	1854.

```
  11.23     12480.        0.     12480.        0.      1.85               ...
2326.72      0.0          0.       937.        0.      ...      0
  12.22      0.0          0.0      13.32       0.0    43.91   2329.48   2339.50
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J02

```
0.018211     0.040      0.110     0.050     0.150     1.47     -0.00     142.56
           2314.50     6465.     6465.     6465.       65.       51.     258.99      1854.

*SECNO 11.230

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

  11.23     12480.        0.     12480.        0.      2.27        3       113.
2327.58      0.0          0.      1033.        0.     -0.49        0     2335.80
  13.08      0.0          0.0     12.08        0.0     0.32   2329.85   2339.50
0.005020     0.040      0.070     0.030      0.070     0.05     -0.00    140.84
           2314.50       37.       37.        37.       67.       53.    260.30      1855.

*SECNO 12.000

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

    CANE RIVER                       10 YEAR FLOOD        02/14/81
  MILE      Q          QLOB       QCH        QROB       HV         ITRIAL     TOPWID
  ELEV      CRIWS      ALOB       ACH        AROB       DHV        IDC        BANK ELEV
  DEPTH     WSELK      VLOB       VCH        VROB       HL         EG         LEFT/RIGHT
  SLOPE     WTN        XNL        XNCH       XNR        OLOSS      CORAR      SSTA
            ELMIN      XLOBL      XLCH       XLOBR      WSDL       WSDR       ENDST      VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
  12.00     12410.        0.     12410.        0.      3.82        5       106.
2355.87    2355.87        0.       791.        0.      1.55       15     2366.30
  10.87      0.0          0.0     15.68        0.0    28.55   2359.69   2370.00
0.010328     0.040      0.070     0.030      0.070     1.24     -0.00    145.25
           2345.00     4100.     4100.      4100.       62.       49.    256.93      1940.

CCHV=   0.100 CEHV=    0.800
*SECNO 12.260

3301 HV CHANGED MORE THAN HVINS

  12.26     12385.        1.     12383.        1.      0.62        4       177.
2362.66      0.0          3.      1956.        2.     -3.20        0     2361.00
  15.16      0.0          0.25      6.33       0.29    3.27   2363.28   2361.00
0.000883     0.039      0.150     0.035      0.120     0.32     -0.00     24.92
           2347.50     1545.     1545.      1545.       89.       88.    201.78      1989.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS
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K02

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    CANE RIVER                       10 YEAR FLOOD        02/14/81
  MILE      Q          QLOB       QCH        QROB       HV         ITRIAL     TOPWID
                                                        DHV        IDC        BANK ELEV
```

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

K02

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
12.75	12335.	0.	12311.	24.	3.43	20	133.	
2372.68	2372.68	0.	827.	14.	2.81	14	2374.50	
9.68	0.0	0.0	14.88	1.69	6.17	2376.11	2370.50	
0.019833	0.040	0.150	0.050	0.130	2.25	-0.00	42.53	
	2363.00	2570.	2570.	2570.	59.	74.	175.83	2072.

*SECNO 12.750

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2381.20 ELREA= 2379.00

12.75	12335.	0.	12335.	0.	3.53	2	99.	
2373.63	0.0	0.	818.	0.	0.10	0	2374.50	
10.63	0.0	0.0	15.07	0.0	0.97	2377.16	2367.30	
0.005735	0.040	0.070	0.030	0.070	0.08	-0.00	41.21	
	2363.00	100.	100.	100.	49.	50.	140.00	2074.

*SECNO 12.750

3265 DIVIDED FLOW

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40								
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
12.75	12335.	0.	12335.	0.	4.01	2	97.	
2373.94	2373.94	0.	767.	0.	0.49	15	2381.70	
10.04	0.0	0.0	16.08	0.0	0.01	2377.96	2380.10	
0.016751	0.040	0.070	0.040	0.070	0.39	-0.00	41.32	
	2363.90	1.	1.	1.	49.	50.	140.00	2074.

CCHV= 0.100 CEHV= 0.500
*SECNO 12.750

**** GR CARDS REPEATED

3265 DIVIDED FLOW

L02

3301 HV CHANGED MORE THAN HVINS

**** GR CARDS REPEATED

3265 DIVIDED FLOW

L02

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
12.75	12335.	0.	12335.	0.	2.71	5	98.	
2375.64	0.0	0.	933.	0.	-1.30	0	2381.70	
11.74	0.0	0.0	13.22	0.0	0.27	2378.35	2380.10	
0.005458	0.040	0.070	0.030	0.070	0.13	-0.00	40.00	
	2363.90	30.	30.	30.	50.	50.	140.00	2075.

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2381.70 ELREA= 2379.50

12.75	12335.	0.	12335.	0.	1.94	3	100.	
2376.49	0.0	0.	1104.	0.	-0.77	0	2374.50	
13.49	0.0	0.0	11.17	0.0	0.00	2378.43	2367.30	
0.002157	0.040	0.070	0.030	0.070	0.08	-0.00	40.00	
	2363.00	1.	1.	1.	50.	50.	140.00	2075.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	12335.	3.	12073.	259.	1.12	3	160.	
2377.44	0.0	6.	1410.	135.	-0.82	0	2374.50	
14.44	0.0	0.52	8.56	1.92	0.04	2378.55	2370.50	
0.001201	0.040	0.110	0.030	0.070	0.08	-0.00	36.08	
	2363.00	25.	25.	25.	65.	95.	196.24	2075.

CCHV= 0.100 CEHV= 0.800
*SECNO 13.440

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	12270.	0.	12270.	0.	3.04	4	119.	
2388.17	0.0	0.	878.	0.	1.92	0	2418.20	
9.07	0.0	0.0	13.96	0.0	11.12	2391.21	2401.60	
0.018154	0.040	0.130	0.045	0.130	1.54	-0.00	235.88	
	2379.10	3670.	3670.	3670.	62.	64.	361.08	2178.

M02

2388.17	0.0	0.	878.	0.	11.12	2391.27	2401.60	
9.07	0.0	0.0	13.98	0.0	1.54	-0.00	235.88	
0.018154	0.040	0.130	0.045	0.130	62.	64.	361.08	2178.
	2379.10	3670.	3670.	3670.				

M02

CCHV= 0.100 CEHV= 0.500
*SECNO 13.440

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	12270.	0.	12270.	0.	2.12	4	123.	
2389.60	0.0	0.	1050.	0.	-0.92	0	2418.20	
10.50	0.0	0.0	11.68	0.0	0.42	2391.72	2401.60	
0.008571	0.040	0.070	0.040	0.070	0.09	-0.00	234.00	
	2379.10	35.	35.	35.	64.	65.	362.76	2178.

CCHV= 0.100 CEHV= 0.800
*SECNO 14.130

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
14.13	12205.	26.	12166.	13.	1.26	7	146.	
2408.08	0.0	22.	1351.	19.	-0.86	0	2402.10	
14.18	0.0	1.17	9.01	0.69	17.53	2409.34	2405.30	
0.003207	0.040	0.140	0.045	0.150	0.09	-0.00	22.41	
	2393.90	3545.	3545.	3545.	70.	76.	168.90	2278.

*SECNO 14.730

14.73	12150.	88.	11996.	66.	1.47	5	173.	
2416.24	0.0	55.	1227.	72.	0.21	0	2411.50	
11.04	0.0	1.60	9.78	0.91	8.20	2417.71	2414.20	
0.002093	0.040	0.120	0.030	0.150	0.17	-0.00	15.46	
	2405.20	3200.	3200.	3200.	79.	94.	188.11	2379.

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

14.73	12150.	1.	11696.	453.	2.81	2	173.	
2416.73	2416.73	1.	856.	86.	1.34	14	2411.90	
6.93	0.0	1.03	13.67	5.30	0.26	2419.54	2414.20	
0.012859	0.040	0.070	0.040	0.070	1.07	-0.00	15.44	
	2409.80	60.	60.	60.	74.	100.	188.87	2380.

*SECNO 14.730

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

14.73	12150.	2.	11612.	537.	1.98	6	175.	
2417.79	0.0	2.	1010.	115.	-0.83	0	2411.90	
7.99	0.0	0.88	11.50	4.68	0.14	2419.77	2414.20	
0.007299	0.040	0.070	0.040	0.070	0.08	-0.00	15.32	
	2409.80	15.	15.	15.	74.	101.	190.49	2381.

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

14.73	12150.	143.	11899.	108.	1.27	3	174.	
2418.62	0.0	62.	1305.	88.	-0.71	0	2413.30	
11.62	0.0	2.30	9.12	1.23	0.05	2419.88	2416.00	
0.001676	0.040	0.080	0.030	0.110	0.07	-0.00	15.40	
	2407.00	15.	15.	15.	79.	94.	189.00	2381.

*SECNO 15.190

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
15.19	12105.	13.	12019.	73.	2.99	3	136.	
2427.17	0.0	8.	864.	38.	1.72	0	2424.50	
10.37	0.0	1.53	13.92	1.91	8.90	2430.15	2423.90	
0.011621	0.040	0.120	0.045	0.135	1.38	-0.00	63.84	
	2416.80	2530.	2530.	2530.	61.	75.	200.18	2450.

CCHV= 0.100 CEHV= 0.500
*SECNO 15.870

3301 HV CHANGED MORE THAN HVINS

15.87	12045.	7.	12033.	5.	1.43	5	139.	
2442.25	0.0	10.	1255.	10.	-1.56	0	2439.10	
13.75	0.0	0.70	9.59	0.51	13.37	2443.68	2439.50	
0.001871	0.040	0.115	0.030	0.150	0.16	-0.00	163.70	
	2428.50	3500.	3500.	3500.	69.	70.	303.17	2537.

2442.25	0.0	10.	1225.	10.	1.25			
13.75	0.0	0.70	9.59	0.51	13.37	2443.68	2439.50	
0.001871	0.040	0.115	0.030	0.150	0.16	-0.00	163.70	
	2428.50	3500.	3500.	3500.	69.	70.	303.17	2537.

B03

CCHV= 0.100 CEHV= 0.800
*SECNO 16.200

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	12010.	0.	12010.	0.	1.54	4	136.	
2447.40	0.0	0.	1207.	0.	0.11	0	2450.70	
13.00	0.0	0.0	9.95	0.0	5.17	2448.94	2451.70	
0.006001	0.040	0.100	0.040	0.150	0.09	-0.00	155.43	
	2434.40	1680.	1680.	1680.	79.	63.	297.44	2585.

CCHV= 0.100 CEHV= 0.500
*SECNO 16.200

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	12010.	0.	12010.	0.	1.47	2	137.	
2447.60	0.0	0.	1235.	0.	-0.07	0	2450.70	
13.20	0.0	0.0	9.73	0.0	0.13	2449.07	2451.70	
0.003180	0.040	0.070	0.030	0.070	0.01	-0.00	154.95	
	2434.40	30.	30.	30.	79.	64.	298.21	2586.

*SECNO 16.970

16.97	11940.	0.	11916.	24.	1.53	4	125.	
2457.47	0.0	0.	1198.	29.	0.06	0	2461.70	
15.57	0.0	0.0	9.95	0.80	9.90	2459.01	2453.90	
0.001830	0.039	0.110	0.030	0.150	0.03	-0.00	109.21	
	2441.90	4180.	4180.	4180.	53.	72.	234.19	2704.

*SECNO 17.460

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
17.46	11895.	42.	11706.	147.	2.80	4	340.	
2463.78	2462.99	34.	865.	171.	1.27	11	2461.40	
9.88	0.0	1.21	13.53	0.86	6.94	2466.58	2461.10	
0.004484	0.039	0.120	0.030	0.110	0.63	-0.00	41.76	
	2453.90	2550.	2550.	2550.	71.	270.	383.39	2772.

C03

9.88	0.0	1.61	[illegible]	[illegible]	0.63	-0.00	41.78	
0.004484	0.039	0.120	0.030	0.110	71.	270.	383.39	2772.
	2453.90	2550.	2550.	2550.				

C03

*SECNO 17.770

3301 HV CHANGED MORE THAN HVINS

17.77	11865.	2956.	8631.	278.	1.00	2	531.	
2469.73	0.0	1826.	922.	291.	-1.80	0	2463.20	
12.93	0.0	1.62	9.36	0.96	3.96	2470.73	2464.00	
0.001492	0.039	0.120	0.030	0.130	0.18	-0.00	49.70	
	2456.80	1650.	1650.	1650.	387.	145.	581.10	2849.

*SECNO 18.270

18.27	11815.	0.	11557.	258.	1.42	3	325.	
2473.96	0.0	0.	1194.	284.	0.42	0	2476.50	
12.96	0.0	0.0	9.68	0.91	4.44	2475.38	2472.50	
0.002027	0.039	0.120	0.030	0.110	0.21	-0.00	87.85	
	2461.00	2570.	2570.	2570.	62.	263.	413.17	2983.

*SECNO 18.270

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2480.20 ELREA= 2473.90

18.27	11815.	0.	11358.	457.	1.71	2	309.	
2474.04	0.0	0.	1062.	274.	0.28	0	2463.10	
13.04	0.0	0.0	10.69	1.67	0.23	2475.75	2472.40	
0.002640	0.039	0.070	0.030	0.070	0.14	-0.00	110.00	
	2461.00	100.	100.	100.	61.	248.	419.07	2986.

*SECNO 13.270

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN FLTRD= 2483.70 MAX ELLC= 2480.00

18.27	11815.	0.	11815.	0.	1.96	2	116.	
2473.92	0.0	0.	1051.	0.	0.26	0	2482.50	
12.42	0.0	0.0	11.24	0.0	0.00	2475.88	2482.50	
0.004747	0.039	0.070	0.030	0.070	0.13	-0.00	110.00	
	2461.50	1.	1.	1.	61.	61.	232.00	2986.

*SECNO 18.270

**** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

D03

18.27	11815.	0.	11815.	0.	1.89	2	116.	
[illegible]	0.0	0.	1070.	0.	-0.07	0	2482.50	
					0.00	2475.98	2482.50	

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

D03

18.27	11815.	0.	11815.	0.	1.89	2	116.	
2474.08	0.0	0.	1070.	0.	-0.07	0	2482.50	
12.58	0.0	0.0	11.04	0.0	0.09	2475.98	2482.50	
0.004517	0.039	0.070	0.030	0.070	0.01	-0.00	110.00	
	2461.50	19.	19.	19.	61.	61.	232.00	2986.

*SECNO 18.270

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2480.20 ELREA= 2473.90

18.27	11815.	0.	11193.	622.	1.45	3	346.	
2474.57	0.0	0.	1126.	382.	-0.44	0	2463.10	
13.57	0.0	0.0	9.94	1.63	0.00	2476.02	2472.40	
0.002110	0.039	0.070	0.030	0.070	0.04	-0.00	110.00	
	2461.00	1.	1.	1.	61.	285.	455.76	2986.

*SECNO 18.270

18.27	11815.	0.	11033.	782.	0.98	2	409.	
2475.13	0.0	0.	1346.	568.	-0.48	0	2476.50	
14.13	0.0	0.0	8.20	1.38	0.04	2476.11	2472.50	
0.001264	0.039	0.080	0.030	0.070	0.05	-0.00	86.52	
	2461.00	25.	25.	25.	63.	346.	495.93	2987.

*SECNO 19.080

3265 DIVIDED FLOW

19.08	10580.	2202.	7866.	512.	1.09	2	819.	
2482.73	0.0	1080.	813.	443.	0.12	0	2482.00	
9.83	0.0	2.04	9.67	1.16	7.66	2483.83	2481.00	
0.002889	0.038	0.100	0.030	0.100	0.06	-0.00	1607.28	
	2472.90	4275.	4275.	4275.	518.	650.	2775.94	3196.

*SECNO 19.780

19.78	10305.	78.	10225.	2.	0.91	3	228.	
2491.42	0.0	66.	1331.	5.	-0.19	0	2487.00	
10.32	0.0	1.18	7.68	0.33	8.48	2492.33	2490.40	
0.001810	0.038	0.090	0.030	0.120	0.02	-0.00	88.99	
	2481.10	3750.	3750.	3750.	124.	104.	316.62	3357.

CCHV= 0.100 CEHV= 0.800
*SECNO 20.250

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL
20.25	10115.	0.	10115.	0.	1.84	2	122.
2498.91	0.0	0.	930.	0.	0.93	0	2500.90

E03

12.91	0.0	0.0	10.87	0.0	7.68	2500.75	2499.50	
0.006058	0.038	0.100	0.040	0.120	0.74	-0.00	92.12	
	2486.00	2550.	2550.	2550.	58.	64.	213.89	3425.

20.25	10715.	0.	10715.	0.	0.93	0	2500.90
2498.91	0.0	0.	930.	0.			

E03

12.91	0.0	0.0	10.87	0.0	7.68	2500.75	2499.50	
0.006058	0.038	0.100	0.040	0.120	0.74	-0.00	92.02	
	2486.00	2550.	2550.	2550.	58.	64.	213.09	3425.

CCHV= 0.100 CEHV= 0.500
*SECNO 20.960

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

20.96	9830.	0.	9670.	160.	0.74	5	318.	
2510.59	0.0	0.	1388.	178.	-1.09	0	2513.30	
8.49	0.0	0.0	6.97	0.90	10.48	2511.33	2512.50	
0.001566	0.038	0.090	0.030	0.090	0.11	-0.00	361.31	
	2502.10	3770.	3770.	3770.	98.	268.	727.66	3533.

CCHV= 0.100 CEHV= 0.800
*SECNO 21.300

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

21.30	7695.	0.	7695.	0.	2.68	3	111.	
2516.61	2516.61	0.	585.	0.	1.94	15	2519.50	
7.11	0.0	0.0	13.14	0.0	6.09	2519.29	2519.50	
0.021801	0.038	0.150	0.050	0.150	1.55	-0.00	224.88	
	2509.50	1790.	1790.	1790.	58.	53.	335.74	3577.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

21.52	9610.	9.	9573.	29.	0.77	6	142.	
2523.42	0.0	11.	1354.	29.	-1.91	0	2520.00	
13.42	0.0	0.79	7.07	1.01	4.71	2524.19	2520.00	
0.001981	0.038	0.110	0.045	0.130	0.19	-0.00	213.61	
	2510.00	1130.	1130.	1130.	69.	73.	355.68	3603.

*SECNO 21.520

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	9610.	0.	9610.	0.	0.99	2	123.

F03

2523.38	0.0	0.	1205.	0.	0.21	0	2532.80	
13.98	0.0	0.0	7.97	0.0	0.00	2524.36	2533.80	
0.004531	0.038	0.070	0.045	0.070	0.17	-0.00	209.63	
	[illegible]	1	1	1.	67.	62.	338.17	3603.

21.52	9610.	0.	9610.	0.	0.99	2	123.

F03

2523.38	0.0	0.	1205.	0.	0.21	0	2532.80	
13.98	0.0	0.0	7.97	0.0	0.00	2524.36	2533.80	
0.004531	0.038	0.070	0.045	0.070	0.17	-0.00	209.33	
	2509.40	1.	1.	1.	67.	62.	338.17	3603.

CCHV= 0.100 CEHV= 0.500
*SECNO 21.520

*** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER 10 YEAR FLOOD D2/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	9610.	0.	9610.	0.	0.95	2	123.	
2523.55	0.0	0.	1226.	0.	-0.03	0	2532.80	
14.15	0.0	0.0	7.84	0.0	0.13	2524.50	2533.80	
0.004325	0.038	0.070	0.045	0.070	0.00	-0.00	209.34	
	2509.40	30.	30.	30.	67.	62.	338.55	3604.

*SECNO 21.520

21.52	9610.	7.	9571.	32.	0.72	2	143.	
2523.80	0.0	14.	1402.	33.	-0.23	0	2520.00	
13.80	0.0	0.53	6.82	0.97	0.00	2524.52	2520.00	
0.000783	0.038	0.110	0.030	0.090	0.02	-0.00	212.89	
	2510.00	1.	1.	1.	70.	74.	356.21	3604.

CCHV= 0.100 CEHV= 0.800
*SECNO 22.050

3301 HV CHANGED MORE THAN HVINS

22.05	9400.	1.	9386.	13.	3.14	6	116.	
2528.43	2528.23	2.	660.	16.	2.42	14	2527.70	
8.43	0.0	0.47	14.23	0.81	5.11	2531.57	2526.40	
0.006539	0.038	0.130	0.030	0.150	1.93	-0.00	45.85	
	2520.00	2990.	2990.	2990.	52.	64.	161.94	3677.

CCHV= 0.100 CEHV= 0.500
*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	9080.	0.	9080.	0.	1.54	5	128.	
2548.28	0.0	0.	913.	0.	-1.60	0	2550.20	
9.28	0.0	0.0	9.95	0.0	18.09	2549.82	2553.70	
0.003077	0.037	0.130	0.030	0.130	0.16	-0.00	26.15	
	2539.00	4150.	4150.	4150.	65.	63.	154.19	3753.

G03

*SECNO 22.850

22.85	9080.	212.	8868.	0.	1.74	2	129.	
					0.20	0	2540.10	

0.003077	0.037	0.130	0.030	0.130			154.19	3755.
	2539.00	4150.	4150.	4150.	65.	63.		

G03

*SECNO 22.850

22.85	9080.	212.	8868.	0.	1.74	2	139.	
2548.49	0.0	112.	829.	0.	0.20	0	2540.10	
9.49	0.0	1.90	10.70	0.0	0.31	2550.23	2565.50	
0.003126	0.037	0.130	0.030	0.130	0.10	-0.00	25.68	
	2539.00	100.	100.	100.	85.	43.	154.42	3755.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	1.00	0.01	0.10	0.0

ELCHU	ELCHD
2540.00	2540.00

*SECNO 22.850

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
**********	2550.35	0.12	9112.	3.	0.	0.	2540.10

ELTRD
2541.30

22.85	9080.	489.	8591.	0.	0.13	2	174.	
2565.97	0.0	855.	2861.	0.	-1.61	0	2540.10	
26.97	0.0	0.57	3.00	0.03	15.87	2566.10	2565.50	
0.000063	0.037	0.130	0.030	0.130	0.0	-0.00	0.67	
	2539.00	10.	10.	10.	110.	64.	174.52	3755.

*SECNO 22.850

22.85	9080.	68.	8934.	78.	0.39	2	163.	
2565.84	0.0	109.	1762.	103.	0.26	0	2555.00	
22.14	0.0	0.62	5.07	0.76	0.00	2566.24	2557.30	
0.000314	0.037	0.120	0.030	0.100	0.13	-0.00	3.98	
	2543.70	25.	25.	25.	81.	82.	166.99	3757.

*SECNO 23.350

3301 HV CHANGED MORE THAN HVINS

23.35	8830.	38.	8841.	1.	2.25	3	106.	
2566.92	0.0	31.	733.	2.	1.85	0	2561.60	

H03

10.42	0.0	1.24	12.05	0.55	2.01	2569.17	2565.00	
0.003881	0.037	0.135	0.030	0.135	0.93	-0.00	16.39	
	2556.50	2665.	2665.	2665.	58.	48.	122.14	3841.

23.35	8830.	38.	8841.	1.	6.25		
2566.92	0.0	31.	733.	2.	1.85	0	2561.60

H03

10.42	0.0	1.24	12.05	0.55	2.01	2569.17	2565.00	
0.003881	0.037	0.135	0.030	0.135	0.93	-0.00	16.39	
	2556.50	2665.	2665.	2665.	58.	48.	122.14	3841.

CCHV= 0.100 CEHV= 0.800
*SECNO 24.140

24.14	8565.	571.	7926.	68.	1.89	19	118.	
2588.97	2586.37	207.	693.	34.	-0.36	8	2581.70	
14.47	0.0	2.76	11.44	2.00	21.65	2590.86	2581.60	
0.007446	0.038	0.130	0.055	0.130	0.04	-0.00	203.44	
	2574.50	4160.	4160.	4160.	78.	40.	321.26	3922.

CCHV= 0.100 CEHV= 0.500
*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	7875.	0.	7875.	0.	0.99	3	167.	
2596.94	0.0	0.	986.	0.	-0.90	0	2597.50	
7.34	0.0	0.0	7.99	0.0	6.99	2597.94	2598.70	
0.002488	0.038	0.120	0.030	0.150	0.09	-0.00	40.06	
	2589.60	1710.	1710.	1710.	84.	83.	207.05	3960.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	FG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

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

24.48	7875.	1666.	6144.	65.	2.13	20	170.	
2597.61	2597.61	201.	490.	15.	1.14	12	2595.00	
8.31	0.0	8.30	12.54	4.32	0.01	2599.75	2596.00	
0.027925	0.038	0.070	0.030	0.070	0.57	-69.23	38.76	
	2589.30	1.	1.	1.	108.	62.	208.58	3960.

*SECNO 24.480

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	7875.	1801.	5954.	120.	1.34	5	174.

I03

2598.67	0.0	264.	596.	28.	-0.79	0	2595.00	
9.37	0.0	6.82	9.99	4.27	0.19	2600.01	2596.00	
0.013642	0.038	0.070	0.030	0.070	0.08	-69.23	36.43	
					111.	63.	209.96	3960.

3370 NORMAL BRIDGE

24.48	7875.	1801.	5954.	120.	1.34	5	174.

2598.67	0.0	264.	596.	28.	-0.79	0	2595.00	
9.37	0.0	6.82	9.99	4.27	0.19	2600.01	2596.00	
0.013642	0.038	0.070	0.030	0.070	0.08	-69.23	36.13	
	2589.30	10.	10.	10.	111.	63.	209.96	3960.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	7875.	2.	7873.	0.	0.46	3	177.	
2599.64	0.0	5.	1442.	1.	-0.88	0	2597.50	
10.04	0.0	0.44	5.46	0.27	0.00	2600.10	2598.70	
0.000725	0.038	0.090	0.030	0.080	0.09	-0.00	34.30	
	2589.60	1.	1.	1.	90.	87.	211.49	3960.

*SECNO 25.140

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

25.14	7795.	0.	7501.	294.	4.84	20	59.	
2616.11	2616.11	0.	417.	90.	4.37	11	2616.00	
13.51	0.0	0.01	17.98	3.26	5.78	2620.94	2605.10	
0.007189	0.038	0.150	0.030	0.120	2.19	-0.00	41.73	
	2602.60	3480.	3480.	3480.	21.	37.	100.36	4038.

*SECNO 25.310

**** GR CARDS REPEATED

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.31	7775.	0.	7482.	293.	4.82	2	59.	
2623.70	2623.70	0.	417.	90.	-0.02	5	2623.60	
13.50	0.0	0.01	17.95	3.26	6.43	2628.52	2612.70	
0.007174	0.037	0.150	0.030	0.120	0.00	-0.00	41.76	
	2610.20	895.	895.	895.	21.	37.	100.35	4048.

*SECNO 25.340

**** GR CARDS REPEATED

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
					HL	EG	LEFT/RIGHT

*SECNO 62.340

**** GR CARDS REPEATED

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.34	7770.	0.	7477.	293.	4.82	20	59.	
2633.49	2633.49	0.	417.	90.	-0.00	5	2633.40	
13.49	0.0	0.01	17.94	3.26	1.15	2638.31	2622.50	
0.007170	0.037	0.150	0.030	0.120	0.00	-0.00	41.76	
	2620.00	160.	160.	160.	21.	37.	100.34	4050.
*SECNO 26.050								
3301 HV CHANGED MORE THAN HVINS								
26.05	7680.	25.	7391.	264.	0.88	5	230.	
2649.17	0.0	50.	965.	226.	-3.94	0	2646.40	
9.47	0.0	0.50	7.66	1.17	11.34	2650.04	2643.90	
0.001631	0.037	0.150	0.030	0.120	0.39	-0.00	135.72	
	2639.70	3775.	3775.	3775.	100.	130.	365.75	4126.
*SECNO 26.050								
3301 HV CHANGED MORE THAN HVINS								

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
26.05	7680.	239.	7441.	0.	1.69	20	257.	
2649.92	2649.92	85.	703.	0.	0.81	11	2646.40	
5.52	0.0	2.83	10.58	0.0	0.12	2651.61	2650.30	
0.008073	0.037	0.070	0.030	0.070	0.41	-0.00	105.12	
	2644.40	40.	40.	40.	165.	92.	362.36	4127.
*SECNO 26.050								
**** GR CARDS REPEATED								
3301 HV CHANGED MORE THAN HVINS								
26.05	7680.	340.	7340.	0.	1.13	5	311.	
2650.62	0.0	151.	841.	0.	-0.55	0	2646.40	
6.22	0.0	2.25	8.73	0.41	0.09	2651.75	2650.30	
0.004524	0.037	0.070	0.030	0.070	0.06	-0.00	59.34	
	2644.40	15.	15.	15.	211.	99.	369.90	4127.

*SECNO 26.050

26.05	7680.	340.	7340.	0.	-0.55	0	2646.40	
2650.62	0.0	151.	841.	0.	0.09	2651.75	2650.30	
6.22	0.0	2.25	8.73	0.41	0.09	-0.00	59.34	
0.004524	0.037	0.070	0.030	0.070	0.06	369.90		
	2644.40	15.	15.	15.	211.	99.		4127.

K03

*SECNO 26.050

3301 HV CHANGED MORE THAN HVINS

26.05	7680.	147.	6983.	550.	0.44	2	317.	
2651.39	0.0	239.	1251.	380.	-0.69	0	2646.40	
11.69	0.0	0.61	5.58	1.45	0.01	2651.83	2643.90	
0.000613	0.037	0.110	0.030	0.080	0.07	-0.00	55.35	
	2639.70	10.	10.	10.	181.	136.	371.98	4128.

*SECNO 26.370

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
26.37	7640.	1015.	6625.	0.	1.30	6	537.	
2653.55	2653.46	582.	675.	0.	0.86	18	2653.80	
5.25	0.0	1.74	9.81	0.0	2.59	2654.85	2657.70	
0.009490	0.037	0.150	0.030	0.090	0.43	-0.00	154.90	
	2648.30	1665.	1665.	1665.	440.	110.	704.33	4187.

CCHV= 0.100 CEHV= 0.800
*SECNO 26.970

3265 DIVIDED FLOW

26.97	7565.	318.	7163.	85.	1.58	3	143.	
2674.41	0.0	161.	691.	52.	0.28	0	2665.70	
12.11	0.0	1.98	10.36	1.62	20.92	2675.99	2666.30	
0.004517	0.037	0.120	0.045	0.140	0.22	-0.00	13.63	
	2662.30	3300.	3300.	3300.	270.	47.	330.87	4269.

CCHV= 0.300 CEHV= 0.800
*SECNO 27.480

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

27.48	7500.	52.	7446.	2.	0.54	2	291.	
2692.42	0.0	62.	1259.	4.	-1.04	0	2692.20	
15.42	0.0	0.84	5.91	0.57	16.66	2692.96	2692.60	
0.009642	0.038	0.120	0.055	0.140	0.31	-436.71	236.47	

L03

2677.00	2620.	2620.	2620.	201.	128.	565.30	4336.

27.48	7500.	52.	7446.	2.	0.54	2	297.	
2692.42	0.0	62.	1259.	4.	-1.04	0	2692.20	
15.42	0.0	0.84	5.91	0.57	16.66	2692.96	2692.60	
0.009642	0.038	0.120	0.055	0.140	0.31	-436.71	236.47	

L03

	2677.00	2620.	2620.	2620.	201.	128.	565.30	4336.

CCHV= 0.100 CEHV= 0.500
*SECNO 27.480

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

27.48	7500.	72.	7423.	5.	0.53	2	311.	
2692.59	0.0	81.	1259.	7.	-0.00	0	2692.20	
15.59	0.0	0.89	5.90	0.68	0.16	2693.12	2692.60	
0.002851	0.038	0.070	0.030	0.070	0.00	-462.27	232.01	
	2677.00	34.	34.	34.	205.	129.	565.55	4337.

*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

28.18	7415.	782.	6633.	0.	1.06	3	349.	
2709.17	0.0	388.	761.	0.	0.53	0	2706.10	
6.47	0.0	2.01	8.72	0.01	16.84	2710.23	2709.00	
0.008560	0.038	0.120	0.040	0.110	0.26	-0.00	181.18	
	2702.70	3685.	3685.	3685.	258.	91.	530.24	4443.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.500

3265 DIVIDED FLOW

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
28.50	7375.	0.	7375.	0.	1.21	3	93.	
2719.45	0.0	1.	836.	0.	0.14	0	2720.40	
13.95	0.0	0.21	8.82	0.0	10.31	2720.65	2722.90	
0.004801	0.038	0.150	0.050	0.150	0.12	-0.00	294.24	
	2705.50	1640.	1640.	1640.	96.	42.	432.84	4480.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.810

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

M03

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	7335.	0.	7335.	0.	2.27	2	84.	
2725.66	0.0	0.	606.	0.	1.07	0	2732.50	
10.36	0.0	0.0	12.10	0.0	6.43	2727.93	2736.10	
0.012104	0.038	0.120	0.040	0.110	0.85	-0.00	343.77	
	2715.30	890.	890.	890.	49.	40.	433.45	4495.

*SECNO 28.810

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	7335.	0.	7335.	0.	1.90	3	86.	
2726.34	0.0	0.	664.	0.	-0.38	0	2732.50	
11.04	0.0	0.0	11.05	0.0	0.26	2728.23	2736.10	
0.005362	0.038	0.070	0.030	0.070	0.04	-0.00	342.35	
	2715.30	34.	34.	34.	51.	42.	434.82	4495.

*SECNO 28.970

28.97	7315.	36.	6967.	312.	1.70	5	97.	
2731.89	0.0	38.	650.	154.	-0.19	0	2724.30	
13.49	0.0	0.94	10.72	2.03	5.34	2733.59	2725.10	
0.002080	0.038	0.150	0.030	0.110	0.02	-0.00	27.01	
	2718.40	1690.	1690.	1690.	40.	57.	124.04	4525.

CCHV= 0.100 CEHV= 0.800

*SECNO 29.890

CANE RIVER			10 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
29.89	7200.	0.	7200.	0.	2.05	11	156.	
2756.34	2756.34	0.	627.	0.	0.34	18	2759.30	
5.94	0.0	0.0	11.48	0.0	22.43	2758.38	2760.00	
0.019225	0.038	0.150	0.045	0.100	0.28	-0.00	269.85	
	2750.40	4800.	4800.	4800.	76.	81.	426.19	4606.

*SECNO 30.600

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV

DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
30.60	7110.	0.	7109.	1.	0.92	7	244.	
2785.26	0.0	0.	926.	2.	-1.13	0	2791.50	
5.96	0.0	0.0	7.68	0.24	27.67	2786.17	2790.30	
0.003758	0.038	0.120	0.030	0.110	0.11	-0.00	267.95	
	2779.30	3810.	3810.	3810.	110.	614.	992.48	4674.

*SECNO 30.920

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			10 YEAR FLOOD			02/14/81		
MILE	Q	GLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
30.92	7070.	0.	7070.	0.	2.64	3	105.	
2798.22	2798.22	0.	542.	0.	1.73	8	2803.30	
6.22	0.0	0.0	13.05	0.34	12.01	2800.87	2798.00	
0.021986	0.038	0.150	0.050	0.150	1.38	-0.00	324.18	
	2792.00	1600.	1600.	1600.	46.	59.	429.22	4701.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	7030.	32.	6998.	0.	0.65	6	193.
2812.45	0.0	52.	1080.	0.	-2.00	0	2823.00
12.25	0.0	0.61	6.48	0.0	12.04	2813.10	2820.50
0.003647	0.038	0.120	0.045	0.120	0.20	-0.00	112.50
	2800.20	1630.	1630.	1630.	267.	63.	442.85	4732.

CCHV= 0.100 CEHV= 0.500
*SECNO 31.240

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	7030.	44.	6986.	0.	0.63	2	196.

2812.55	0.0	60.	1090.	0.	-0.02	0	2823.00
					0.08	2813.18	2820.50

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	7030.	44.	6986.	0.	0.63	2	196.

B04

2812.55	0.0	60.	1090.	0.	-0.02	0	2823.00	
12.35	0.0	0.73	6.41	0.0	0.08	2813.18	2820.50	
0.001573	0.038	0.070	0.030	0.070	0.00	-0.00	111.65	
	2800.20	34.	34.	34.	268.	63.	442.98	4733.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.710

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

31.71	6975.	0.	6975.	0.	2.48	20	113.	
2826.61	2826.61	0.	552.	0.	1.84	14	2827.70	
8.11	0.0	0.0	12.63	0.0	9.40	2829.08	2830.00	
0.018130	0.038	0.150	0.045	0.100	1.47	-0.00	68.92	
	2818.50	2515.	2515.	2515.	53.	60.	181.98	4782.

*SECNO 32.360

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
32.36	5835.	11.	5496.	328.	1.02	8	377.	
2861.70	0.0	10.	660.	309.	-1.46	0	2857.20	
7.20	0.0	1.14	8.33	1.06	33.48	2862.71	2858.20	
0.005563	0.038	0.130	0.045	0.125	0.15	-0.00	70.77	
	2854.50	3450.	3450.	3450.	57.	430.	557.71	4843.

*SECNO 32.770

3265 DIVIDED FLOW

32.77	5700.	5.	4168.	1527.	1.13	9	592.	
2877.13	2877.01	5.	420.	803.	0.12	11	2875.00	
8.83	0.0	0.92	9.93	1.90	15.45	2878.26	2875.50	
0.008922	0.038	0.150	0.045	0.110	0.09	-0.00	30.23	
	2868.30	2230.	2230.	2230.	41.	554.	624.74	4899.

C04

*SECNO 33.580

2868.30 6250. 6250. 6250.

CD4

*SECNO 33.580

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

33.58	5435.	0.	5435.	0.	1.76	11	83.	
2925.91	2924.70	0.	510.	0.	0.63	12	2932.30	
7.91	0.0	0.0	10.65	0.0	48.91	2927.67	2934.70	
0.014341	0.039	0.110	0.045	0.130	0.50	-0.00	115.15	
	2918.00	4410.	4410.	4410.	49.	41.	204.79	4987.

*SECNO 33.580

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

33.58	5435.	0.	5435.	0.	1.56	2	84.	
2926.30	0.0	0.	543.	0.	-0.20	0	2932.30	
8.30	0.0	0.0	10.02	0.0	0.17	2927.86	2934.70	
0.005406	0.039	0.070	0.030	0.070	0.02	-0.00	114.96	
	2918.00	20.	20.	20.	49.	42.	206.19	4987.

*SECNO 33.800

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

33.80	5360.	0.	5360.	0.	2.19	3	80.	
2933.99	0.0	0.	451.	0.	0.63	0	2941.10	
7.19	0.0	0.0	11.88	0.0	7.81	2936.18	2943.50	
0.008652	0.038	0.070	0.030	0.070	0.51	-0.00	115.51	
	2926.80	1160.	1160.	1160.	48.	38.	202.14	5001.

*SECNO 34.530

3265 DIVIDED FLOW

CANE RIVER 10 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

DD4

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
5230. 28 5092. 0. 2.26 10 156.
11 2973.20

SLOPE WTN XNL
ELMIN XLOBL XLCH XLOBR WSDL WSDR ENDST VOL

D04

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

34.53	5120.	28.	5092.	0.	2.26	10	156.	
2972.97	2972.97	43.	421.	0.	0.07	11	2973.20	
6.27	0.0	0.65	12.09	0.0	31.07	2975.23	2978.50	
0.007759	0.038	0.150	0.030	0.130	0.05	-0.00	160.88	
	2966.70	3790.	3790.	3790.	186.	42.	388.83	5040.

E04

THIS RUN EXECUTED 02/14/81 9:53:04

E04

THIS RUN EXECUTED 02/14/81 9:53:04

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**********************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
  ERROR CORR -  01,02,03
  MODIFICATION -  50,51,52,53,54
**********************************************************

T1      YANCEY COUNTY NC FEMA STUDY                                    3415
T2      50 YEAR FLOOD                                                  3420
T3      CANE RIVER                                                     3425

J1  ICHECK     INQ    NINV    IDIR    STRT  METRIC   HVINS     Q      WSEL     FQ
          0.      3.      0.      0. 0.00379      0.     0.0      0.     0.0     0.0  3430
J2  NPROF   IPLOT   PRFVS   XSECV   XSECH      FN   ALLDC     IBW  CHNIM ITRACE
          2.      0.     -1.      0.      0.     0.0     0.0      0.      0.      0.  3435
```

F04

*PROF 2

F04

*PROF 2

CCHV= 0.100 CEHV= 0.500
*SECNO .020
2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.02	31420.	4162.	27239.	19.	3.77	0	370.	
2039.70	2039.17	1213.	1633.	12.	0.50	11	2030.90	
16.80	0.0	3.43	16.68	1.52	0.0	2043.48	2032.50	
0.003792	0.0	0.080	0.030	0.080	0.0	-0.00	56.25	
	2022.90	0.	0.	0.	305.	65.	426.39	0.

CCHV= 0.100 CEHV= 0.800
*SECNO .270

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	31405.	0.	31405.	0.	2.96	3	166.	
2045.93	0.0	0.	2275.	0.	-0.81	0	2050.00	
18.93	0.0	0.0	13.80	0.0	5.33	2048.89	2053.90	
0.003825	0.030	0.080	0.030	0.080	0.08	-0.00	67.00	
	2027.00	1400.	1400.	1400.	96.	76.	238.74	82.

CCHV= 0.100 CEHV= 0.500
*SECNO .270

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	31405.	0.	31405.	0.	2.86	2	166.	
2046.17	0.0	0.	2315.	0.	-0.10	0	2050.00	
19.17	0.0	0.0	13.57	0.0	0.13	2049.03	2053.90	
0.003849	0.030	0.070	0.030	0.070	0.01	-0.00	67.00	
	2027.00	34.	34.	34.	96.	77.	239.02	84.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

3301 HV CHANGED MORE THAN HVINS

G04

0.97	31365.	2278.	28900.	187.	4.06	3	257.	
2057.66	0.0	593.	1720.	80.	1.20	0	2046.90	
19.86	0.0	3.84	16.80	2.35	11.73	2061.71	2054.10	
			0.030	0.070	0.96	-0.00	21.03	

3301 HV CHANGED MORE THAN HVINS

GD4

0.97	31365.	2278.	28900.	187.	4.06	3	257.	
2057.66	0.0	593.	1720.	80.	1.20	0	2046.90	
19.86	0.0	3.84	16.80	2.35	11.73	2061.71	2054.10	
0.002964	0.030	0.070	0.030	0.070	0.96	-0.00	21.03	
	2037.80	3575.	3575.	3575.	176.	80.	277.92	277.

CCHV= 0.100 CEHV= 0.500
*SECNO 1.550

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SST	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.55	31335.	1977.	29253.	105.	2.74	3	285.	
2065.83	0.0	709.	2131.	56.	-1.32	0	2058.00	
16.83	0.0	2.79	13.73	1.86	6.72	2068.57	2060.80	
0.001592	0.028	0.080	0.025	0.070	0.1[illegible]	-0.00	17.96	
	2049.00	3170.	3170.	3170.	193.	92.	302.78	470.

*SECNO 2.000

3301 HV CHANGED MORE THAN HVINS

2.00	31310.	1543.	26621.	3146.	2.01	3	453.	
2072.04	0.0	547.	2170.	933.	-0.73	0	2065.80	
15.04	0.0	2.82	12.27	3.37	5.41	2074.05	2066.90	
0.003627	0.031	0.100	0.040	0.080	0.07	-0.00	25.66	
	2057.00	2350.	2350.	2350.	184.	270.	479.15	646.

CCHV= 0.100 CEHV= 0.800
*SECNO 2.750

2.75	31270.	170.	30819.	281.	2.19	3	223.	
2089.12	0.0	87.	2575.	135.	0.18	0	2079.70	
21.22	0.0	2.11	11.97	2.09	17.11	2091.31	2079.30	
0.005123	0.037	0.130	0.055	0.110	0.15	-0.00	9.84	
	2067.90	4000.	4000.	4000.	99.	124.	232.88	942.

CCHV= 0.100 CEHV= 0.500
*SECNO 3.520
3280 CROSS SECTION 3.52 EXTENDED 2.73 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	31225.	373.	29311.	1541.	1.03	5	360.	
2114.43	0.0	170.	3508.	525.	-1.17	0	2110.50	
27.03	0.0	2.19	8.36	2.94	24.03	2115.45	2110.00	

HD4

0.006770	0.039	0.120	0.045	0.100	0.12	-206.70	0.0	
	2087.40	4100.	4100.	4100.	131.	229.	359.90	1271.

2114.43	0.0	170.	3508.	522.	-1.11		
27.03	0.0	2.19	8.36	2.94	24.03	2115.45	2110.00

0.006770	0.039	0.120	0.045	0.100	0.12	-206.70	0.0	
	2087.40	4100.	4100.	4100.	131.	229.	359.90	1271.

*SECNO 3.520

**** GR CARDS REPEATED
3280 CROSS SECTION 3.52 EXTENDED 2.86 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	31225.	447.	29246.	1532.	1.01	1	361.	
2114.55	0.0	176.	3528.	544.	-0.02	0	2110.50	
27.15	0.0	2.54	8.29	2.82	0.10	2115.55	2110.00	
0.002939	0.039	0.070	0.030	0.070	0.00	-206.70	0.0	
	2087.40	23.	23.	23.	131.	231.	361.14	1273.

*SECNO 4.220
CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
4.22	30275.	1162.	28704.	409.	1.49	5	550.	
2121.65	0.0	746.	2855.	289.	0.48	0	2115.00	
17.75	0.0	1.56	10.05	1.42	7.34	2123.14	2116.00	
0.001439	0.038	0.090	0.030	0.090	0.24	-0.00	30.70	
	2103.90	3665.	3665.	3665.	310.	240.	580.81	1616.

*SECNO 5.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
5.00	30275.	0.	30275.	0.	5.29	3	158.	
2133.08	2133.08	0.	1640.	0.	3.80	14	2137.70	
14.28	0.0	0.0	18.46	0.0	11.98	2138.37	2140.10	
0.008842	0.036	0.090	0.030	0.090	1.90	-0.00	129.84	
	2118.80	4100.	4100.	4100.	81.	83.	293.72	1875.

*SECNO 5.140

3265 DIVIDED FLOW

*SECNO 5.140

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	30090.	212.	29672.	206.	2.93	3	323.	
2142.46	0.0	86.	2145.	85.	-2.36	0	2140.70	
20.66	0.0	2.46	13.83	2.43	6.79	2145.39	2143.10	
0.009803	0.036	0.080	0.030	0.080	0.24	-682.33	50.25	
	2121.80	730.	730.	730.	161.	170.	380.58	1909.

*SECNO 5.140

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	30090.	291.	29512.	287.	2.89	2	340.	
2142.82	0.0	109.	2145.	108.	-0.05	0	2140.70	
21.02	0.0	2.68	13.76	2.64	0.30	2145.70	2143.10	
0.009698	0.036	0.080	0.030	0.080	0.00	-753.01	43.95	
	2121.80	31.	31.	31.	167.	176.	386.76	1911.

*SECNO 5.980

3301 HV CHANGED MORE THAN HVINS

5.98	29925.	128.	29797.	0.	3.85	5	165.	
2166.25	0.0	100.	1888.	0.	0.97	0	2159.20	
21.35	0.0	1.29	15.78	0.18	23.92	2170.10	2166.00	
0.003262	0.035	0.150	0.030	0.120	0.48	-0.00	41.66	
	2144.90	4570.	4570.	4570.	96.	69.	206.41	2139.

CCHV= 0.100 CEHV= 0.800

*SECNO 6.600

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSIDL	WSDR	ENDST	VOL
6.60	29800.	0.	29800.	0.	3.41	3	159.	
2182.75	0.0	0.	2012.	0.	-0.44	0	2183.60	
18.55	0.0	0.0	14.81	0.0	16.00	2186.15	2183.50	
0.009011	0.037	0.150	0.050	0.130	0.04	-0.00	74.49	
	2164.20	3150.	3150.	3150.	80.	80.	233.79	2284.

CCHV= 0.100 CEHV= 0.800

*SECNO 6.930

3301 HV CHANGED MORE THAN HVINS

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930

J04

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	29735.	1364.	26177.	2194.	1.18	3	378.	
2199.40	0.0	460.	2839.	677.	-2.23	0	2194.50	
25.40	0.0	2.97	9.22	3.24	14.21	2200.58	2193.60	
0.007769	0.037	0.150	0.040	0.130	0.22	-765.41	0.0	
	2174.00	1700.	1700.	1700.	153.	225.	378.25	2401.

CCHV= 0.100 CEHV= 0.500
*SECNO 6.930

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	29735.	1979.	24946.	2810.	1.00	2	383.	
2199.79	0.0	484.	2907.	730.	-0.18	0	2194.50	
25.79	0.0	4.09	8.58	3.85	0.18	2200.78	2193.60	
0.004991	0.037	0.090	0.035	0.090	0.02	-765.41	0.0	
	2174.00	30.	30.	30.	153.	230.	383.30	2403.

*SECNO 7.380

3301 HV CHANGED MORE THAN HVINS

7.38	29645.	154.	28233.	1258.	1.95	4	251.	
2204.67	0.0	139.	2460.	531.	0.95	0	2194.50	
18.07	0.0	1.11	11.48	2.37	5.36	2206.62	2192.00	
0.001284	0.036	0.150	0.030	0.100	0.48	-0.00	5.55	
	2186.60	2370.	2370.	2370.	98.	153.	256.29	2601.

CCHV= 0.100 CEHV= 0.800
*SECNO 8.240

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

8.24	29475.	14.	29454.	7.	5.09	5	174.	
2223.76	2223.76	10.	1626.	4.	3.14	19	2221.50	
12.86	0.0	1.39	18.11	1.59	13.81	2228.84	2221.50	
0.017427	0.038	0.150	0.050	0.120	2.51	-0.00	55.84	
	2210.90	4360.	4360.	4360.	90.	84.	229.65	2839.

*SECNO 9.310

K04

3840 SECTION NOT HIGH ENOUGH 2322.73 2321.50 2243.60 2321.50 2219.93 2

3301 HV CHANGED MORE THAN HVINS

0.017427	0.038	0.150	0.050	0.120			229.65	2839.
	2210.90	4360.	4360.	4360.	90.	84.		

*SECNO 9.310

K04

3840 SECTION NOT HIGH ENOUGH 2322.73 2321.50 2243.60 2321.50 2219.93 2

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
9.31	29260.	16.	28770.	474.	2.34	7	231.	
2266.29	2260.69	17.	2325.	210.	-2.75	11	2263.00	
22.69	0.0	0.98	12.37	2.26	39.51	2268.63	2263.00	
0.003701	0.039	0.125	0.045	0.090	0.28	-0.00	-4.07	
	2243.60	5680.	5680.	5680.	83.	149.	227.28	3113.

*SECNO 9.980

3301 HV CHANGED MORE THAN HV. NS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	27385.	495.	25444.	1446.	1.82	3	271.	
2290.86	0.0	161.	2281.	301.	-0.52	0	2236.60	
24.86	0.0	3.08	11.16	4.80	24.00	2292.68	2284.60	
0.017016	0.039	0.130	0.045	0.130	0.05	-756.57	1.51	
	2266.00	3570.	3570.	3570.	136.	135.	272.47	3330.

CCHV= 0.100 CEHV= 0.500
*SECNO 9.980

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	27385.	767.	24706.	1913.	1.55	2	273.	
2291.51	0.0	197.	2385.	337.	-0.27	0	2286.60	
25.51	0.0	3.90	10.36	5.68	0.35	2293.05	2284.60	
0.006145	0.039	0.070	0.030	0.070	0.03	-756.57	1.40	
	2266.00	36.	36.	36.	136.	136.	273.99	3332.

CCHV= 0.100 CEHV= 0.800
*SECNO 11.230

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	27130.	1803.	25109.	218.	1.34	5	228.	
2344.74	0.0	357.	2652.	81.	-0.21	0	2335.80	
30.24	0.0	5.05	9.54	2.71	53.00	2346.07	2339.50	
0.011521	0.040	0.110	0.050	0.150	0.02	-761.28	73.00	
	2314.50	6465.	6465.	6465.	135.	94.	301.37	3776.

*SECNO 11.230

L04

	2314.50	6465.	6405.	6405.	133.			

*SECNO 11.230

L04

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	27130.	1768.	25060.	303.	1.29	2	230.	
2345.02	0.0	374.	2673.	87.	-0.05	0	2335.80	
30.52	0.0	4.72	9.38	3.49	0.23	2346.31	2339.50	
0.003923	0.040	0.070	0.030	0.070	0.00	-761.28	71.71	
	2314.50	37.	37.	37.	136.	94.	301.98	3779.

*SECNO 12.000

**** GR CARDS REPEATED

3465 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
12.00	26975.	0.	26975.	0.	3.63	4	142.	
2364.00	0.0	0.	1763.	0.	2.35	0	2366.30	
19.00	0.0	0.0	15.30	0.0	19.44	2367.63	2370.00	
0.005854	0.040	0.070	0.030	0.070	1.88	-0.00	135.00	
	2345.00	4100.	4100.	4100.	73.	72.	279.88	4009.

CCHV= 0.100 CEHV= 0.800
*SECNO 12.260

3301 HV CHANGED MORE THAN HVINS

12.26	26920.	65.	26802.	53.	1.14	3	205.	
2369.54	0.0	89.	3124.	61.	-2.50	0	2361.00	
22.04	0.0	0.73	8.58	0.87	2.80	2370.68	2361.00	
0.000868	0.039	0.150	0.035	0.120	0.25	-0.00	8.12	
	2347.50	1545.	1545.	1545.	106.	99.	213.23	4099.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

12.75	26820.	8.	26313.	500.	5.36	4	160.

M04

	4	1403	133.	4.22	14	2374.50	

ELMIN

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

12.75	26820.	8.	26313.	500.	5.36	4	160.

M04

2377.38	2377.38	6.	1403.	133.	4.22	14	2374.50	
14.38	0.0	1.38	18.75	3.76	5.87	2382.74	2370.50	
0.016100	0.040	0.150	0.050	0.130	3.38	-0.00	36.16	
	2363.00	2570.	2570.	2570.	65.	95.	196.14	4241.

*SECNO 12.750

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2381.20 ELREA= 2379.00

12.75	26820.	0.	25963.	857.	5.30	2	124.	
2379.29	2379.29	0.	1384.	165.	-0.06	13	2374.50	
16.29	0.0	0.0	18.76	5.20	0.77	2384.59	2367.30	
0.004497	0.040	0.070	0.030	0.070	0.01	-0.00	40.00	
	2363.00	100.	100.	100.	50.	74.	164.47	4244.

*SECNO 12.750

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2379.400 EGLC= 2386.685
EGC= 2387.231 WSEL= 2382.980

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

12.75	26820.	0.	26820.	0.	7.40	4	100.	
2378.88	2378.50	0.	1228.	0.	2.10	26	2381.70	
14.98	0.0	0.0	21.84	0.0	0.01	2386.28	2380.10	
0.034052	0.040	0.070	0.040	0.070	1.68	-23.95	40.00	
	2363.90	1.	1.	1.	50.	50.	140.00	4244.

CCHV= 0.100 CEHV= 0.500
*SECNO 12.750

**** GR CARDS REPEATED

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2379.400 EGLC= 2386.685
EGC= 2387.482 WSEL= 2382.945

3265 DIVIDED FLOW

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

12.75	26620.	0.	26806.	14.	7.27	4	163.	
2379.86	2378.37	0.	1238.	12.	-0.13	28	2381.70	
15.96	0.0	0.0	21.65	1.11	0.84	2387.14	2380.10	
0.023404	0.040	0.070	0.030	0.070	0.01	-110.46	40.00	
	2363.90	30.	30.	30.	50.	140.	230.15	4245.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	26820.	158.	24518.	2145.	2.13	5	210.	
2385.53	0.0	81.	2008.	721.	-5.15	0	2374.50	
22.53	0.0	1.95	12.21	2.98	0.00	2387.66	2367.30	
0.001160	0.040	0.070	0.030	0.070	0.51	-0.00	25.29	
	2363.00	1.	1.	1.	65.	146.	235.74	4245.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	26820.	97.	24849.	1873.	1.43	2	212.	
2386.32	0.0	93.	2503.	685.	-0.70	0	2374.50	
23.32	0.0	1.04	9.93	2.74	0.02	2387.75	2370.50	
0.000751	0.040	0.110	0.030	0.070	0.07	-0.00	24.23	
	2363.00	25.	25.	25.	77.	135.	236.53	4247.

CCHV= 0.100 CEHV= 0.800
*SECNO 13.440

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	26680.	0.	26680.	0.	4.72	3	138.	
2393.35	0.0	0.	1531.	0.	3.29	0	2418.20	
14.25	0.0	0.0	17.43	0.0	7.69	2398.07	2401.60	
0.019726	0.040	0.130	0.045	0.130	2.63	-0.00	226.66	
	2379.10	3670.	3670.	3670.	71.	79.	376.73	4450.

CCHV= 0.100 CEHV= 0.500
*SECNO 13.440

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

B05

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	26680.	0.	26680.	0.	3.33	4	151.	
2395.37	0.0	0.	1822.	0.	-1.39	0	2418.20	
16.27	0.0	0.0	14.64	0.0	0.49	2398.70	2401.60	
0.010415	0.040	0.070	0.040	0.070	0.14	-0.00	223.59	
	2379.10	35.	35.	35.	74.	89.	386.82	4454.

CCHV= 0.100 CEHV= 0.800
*SECNO 14.130

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
14.13	26540.	185.	26022.	333.	2.18	6	172.	
2414.67	0.0	102.	2175.	178.	-1.15	0	2402.10	
20.77	0.0	1.82	11.96	1.87	18.04	2416.85	2405.30	
0.002998	0.040	0.140	0.045	0.150	0.11	-0.00	13.24	
	2393.90	3545.	3545.	3545.	79.	93.	185.17	4625.

*SECNO 14.730

14.73	26420.	307.	25708.	405.	2.47	5	183.	
2422.05	0.0	125.	2011.	250.	0.29	0	2411.50	
16.85	0.0	2.46	12.78	1.62	7.43	2424.52	2414.20	
0.001851	0.040	0.120	0.030	0.150	0.23	-0.00	13.67	
	2405.20	3200.	3200.	3200.	81.	103.	197.01	4803.

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

14.73	26420.	9.	24758.	1653.	3.39	2	183.	
2422.05	0.0	7.	1633.	250.	0.92	0	2411.90	
12.25	0.0	1.30	15.16	6.61	0.19	2425.44	2414.20	
0.006691	0.040	0.070	0.040	0.070	0.73	-0.00	13.67	
	2409.80	60.	60.	60.	75.	108.	197.02	4806.

*SECNO 14.730

*** GR CARDS REPEATED

14.73	26420.	10.	24731.	1679.	3.20	2	184.	
2422.36	0.0	8.	1678.	261.	-0.19	0	2411.90	
12.56	0.0	1.30	14.74	6.43	0.10	2425.56	2414.20	
0.006098	0.040	0.070	0.040	0.070	0.02	-0.00	13.40	
	2409.80	15.	15.	15.	76.	108.	197.49	4807.

*SECNO 14.730

14.73	26420.	436.	25484.	499.	2.74	2	181.

C05

[illegible]	0.0	113.	1887.	218.	-0.46	0	2413.30
					[illegible]	2425.65	2416.00

*SECNO 14.730

14.73	26420.	436.	25484.	499.	2.74	2	181.

C05

2422.92	0.0	113.	1887.	218.	-0.46	0	2413.30	
15.92	0.0	3.86	13.51	2.29	0.05	2425.65	2416.00	
0.002250	0.040	0.080	0.030	0.110	0.05	-0.00	14.46	
	2407.00	15.	15.	15.	80.	101.	195.60	4807.

*SECNO 15.190

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
15.19	26325.	216.	25490.	619.	4.55	2	158.	
2432.65	0.0	77.	1468.	173.	1.81	0	2424.50	
15.85	0.0	2.82	17.39	3.58	10.09	2457.20	2423.90	
0.008958	0.040	0.120	0.045	0.135	1.45	-0.00	51.21	
	2416.80	2530.	2530.	2530.	74.	84.	208.89	4921.

CCHV= 0.100 CEHV= 0.500
*SECNO 15.870

3301 HV CHANGED MORE THAN HVINS

15.87	26190.	305.	25790.	95.	2.71	3	222.	
2447.68	0.0	205.	1939.	87.	-1.84	0	2439.10	
19.18	0.0	1.49	13.30	1.09	13.00	2450.39	2439.50	
0.002015	0.040	0.115	0.030	0.150	0.18	-0.00	95.44	
	2428.50	3500.	3500.	3500.	138.	84.	317.30	5080.

CCHV= 0.100 CEHV= 0.800
*SECNO 16.200

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	26120.	3500.	22582.	38.	2.00	3	363.	
2456.06	0.0	638.	1881.	33.	-0.71	0	2450.70	
21.66	0.0	5.49	12.01	1.15	7.60	2458.06	2451.70	
0.018086	0.040	0.100	0.040	0.150	0.07	-658.08	-8.90	
	2434.40	1680.	1680.	1680.	243.	120.	353.67	5172.

CCHV= 0.100 CEHV= 0.500
*SECNO 16.200

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	26120.	4506.	21428.	186.	1.56	2	425.
2456.89	0.0	778.	1994.	84.	-0.44	0	2450.70

D05

22.49	0.0	5.79	10.75	2.23	0.35	2458.45	2451.70
0.008235	0.040	0.070	0.030	0.070	0.04	-679.32	-17.44
	[illegible]	30.	30.	30.	251.	174.	407.64 5174.

16.20	26120.	4506.	21428.	186.	1.56	2	422.
2456.89	0.0	778.	1994.	84.	-0.44	0	2450.70

D05

22.49	0.0	5.79	10.75	2.23	0.35	2458.45	2451.70	
0.008235	0.040	0.070	0.030	0.070	0.04	-679.32	-17.44	
	2434.40	30.	30.	30.	251.	174.	407.64	5174.

*SECNO 16.970

16.97	25965.	534.	25163.	268.	1.87	6	246.	
2466.47	0.0	437.	2255.	208.	0.31	0	2461.70	
24.57	0.0	1.22	11.16	1.29	9.73	2468.34	2453.90	
0.001076	0.039	0.110	0.030	0.150	0.16	-0.00	3.74	
	2441.90	4180.	4180.	4180.	159.	87.	249.41	5450.

*SECNO 17.460

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
17.46	25865.	380.	19383.	6101.	1.95	4	616.	
2470.04	0.0	195.	1503.	2987.	0.08	0	2461.40	
16.14	0.0	1.95	12.89	2.04	3.61	2471.99	2461.10	
0.000948	0.039	0.120	0.030	0.110	0.04	-0.00	30.87	
	2453.90	2550.	2550.	2550.	82.	534.	646.58	5672.

*SECNO 17.770

17.77	25800.	7938.	16506.	1356.	1.80	3	615.	
2473.50	0.0	3150.	1236.	822.	-0.15	0	2463.20	
16.70	0.0	2.52	13.35	1.65	3.30	2475.31	2464.00	
0.002055	0.039	0.120	0.030	0.130	0.01	-0.00	40.25	
	2456.80	1650.	1650.	1650.	396.	219.	655.30	5860.

*SECNO 18.270

3265 DIVIDED FLOW

18.27	25700.	5.	21710.	3985.	1.94	2	779.	
2478.56	0.0	10.	1789.	2505.	0.13	0	2476.50	
17.56	0.0	0.49	12.14	1.59	5.12	2480.50	2472.50	
0.001934	0.039	0.120	0.030	0.110	0.07	-0.00	4.73	
	2461.00	2570.	2570.	2570.	145.	700.	850.00	6140.

*SECNO 18.270

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2480.20 ELREA= 2473.90

18.27	25700.	0.	18832.	6868.	1.41	3	740.	
2479.31	0.0	0.	1704.	2862.	-0.53	0	2463.10	
18.31	0.0	0.0	11.05	2.40	0.17	2480.72	2472.40	
0.001503	0.039	0.070	0.030	0.070	0.05	-0.00	110.00	
	2461.00	100.	100.	100.	61.	679.	850.00	6150.

E05

*SECNO 18.270

0.001510	0.039							
	2461.00	100.	100.	100.	61.	679.	850.00	

E05

*SECNO 18.270

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	25700.	8.	19245.	6447.	1.59	2	708.	
2479.22	0.0	8.	1666.	2096.	0.18	0	2482.50	
17.72	0.0	0.95	11.55	3.08	0.00	2480.81	2482.50	
0.003618	0.039	0.070	0.030	0.070	0.09	-0.00	4.45	
	2461.50	1.	1.	1.	167.	679.	850.00	6150.

*SECNO 18.270

*** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	25700.	11.	18907.	6782.	1.47	2	712.	
2479.42	0.0	11.	1689.	2212.	-0.12	0	2482.50	
17.92	0.0	1.00	11.20	3.07	0.07	2480.89	2482.50	
0.003368	0.039	0.070	0.030	0.070	0.01	-0.00	4.37	
	2461.50	19.	19.	19.	167.	679.	850.00	6152.

*SECNO 18.270

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2480.20 ELREA= 2473.90

18.27	25700.	0.	18476.	7224.	1.28	2	740.	
2479.63	0.0	0.	1745.	3067.	-0.19	0	2463.10	
18.63	0.0	0.0	10.59	2.36	0.00	2480.91	2472.40	
0.001337	0.039	0.070	0.030	0.070	0.02	-0.00	110.00	
	2461.00	1.	1.	1.	61.	679.	850.00	6152.

*SECNO 18.270

3265 DIVIDED FLOW

18.27	25700.	32.	18386.	7282.	0.98	2	798.	
2479.98	0.0	44.	1974.	3412.	-0.29	0	2476.50	
18.98	0.0	0.72	9.31	2.13	0.03	2480.97	2472.50	
0.000998	0.039	0.080	0.030	0.070	0.03	-0.00	4.14	
	2461.00	25.	25.	25.	146.	700.	850.00	6155.

F05

*SECNO 19.080

3265 DIVIDED FLOW

2401.00

FD5

*SECNO 19.080

3265 DIVIDED FLOW

19.08	23000.	6116.	13081.	3803.	1.12	2	1195.	
2485.98	0.0	2577.	1181.	2140.	0.13	0	2482.00	
13.08	0.0	2.37	11.08	1.78	6.07	2487.10	2481.00	
0.002305	0.038	0.100	0.030	0.100	0.07	-0.00	1581.48	
	2472.90	4275.	4275.	4275.	544.	660.	2785.18	6711.

*SECNO 19.780

3301 HV CHANGED MORE THAN HVINS

19.78	22385.	379.	21927.	79.	2.00	3	261.	
2494.51	0.0	192.	1913.	62.	0.88	0	2487.00	
13.41	0.0	1.98	11.46	1.27	8.97	2496.51	2490.40	
0.002486	0.038	0.090	0.030	0.120	0.44	-0.00	67.95	
	2481.10	3750.	3750.	3750.	145.	116.	328.85	7058.

CCHV= 0.100 CEHV= 0.800
*SECNO 20.250

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
20.25	21970.	50.	21898.	22.	3.17	2	165.	
2503.57	0.0	36.	1529.	16.	1.18	0	2500.90	
17.57	0.0	1.38	14.32	1.41	9.29	2506.74	2499.50	
0.005911	0.038	0.100	0.040	0.120	0.94	-0.00	57.85	
	2486.00	2550.	2550.	2550.	92.	73.	222.70	7168.

CCHV= 0.100 CEHV= 0.500
*SECNO 20.960

3301 HV CHANGED MORE THAN HVINS

20.96	21340.	46.	19744.	1550.	1.01	3	549.	
2514.99	0.0	82.	2355.	908.	-2.16	0	2513.30	
12.89	0.0	0.56	8.38	1.71	9.04	2516.00	2512.50	
0.001271	0.038	0.090	0.030	0.090	0.22	-0.00	231.63	
	2502.10	3770.	3770.	3770.	228.	321.	780.19	7381.

CCHV= 0.100 CEHV= 0.800
*SECNO 21.300

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID

GD5

ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
					WSDL	WSDR	ENDST	VOL

HEC2
ERRO
MODI

T1
T2
T3

J1 1

J2 N

*PRO
CCHV

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID

GO5

ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
21.30	21040.	6.	21002.	32.	4.78	3	138.	
2521.65	2521.65	4.	1196.	16.	3.77	11	2519.50	
12.15	0.0	1.28	17.56	2.01	5.62	2526.43	2519.50	
0.017813	0.038	0.150	0.050	0.150	3.01	-0.00	215.98	
	2509.50	1790.	1790.	1790.	67.	71.	353.95	7475.
*SECNO 21.520								
3301 HV CHANGED MORE THAN HVINS								
21.52	20850.	151.	20454.	245.	1.32	4	172.	
2530.16	0.0	97.	2198.	144.	-3.46	0	2520.00	
20.16	0.0	1.56	9.31	1.71	4.71	2531.49	2520.00	
0.001799	0.038	0.110	0.045	0.130	0.35	-0.00	200.99	
	2510.00	1130.	1130.	1130.	82.	91.	373.17	7522.
*SECNO 21.520								
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30								
21.52	20850.	0.	20850.	0.	1.76	2	147.	
2530.08	0.0	0.	1960.	0.	0.44	0	2532.80	
20.68	0.0	0.0	10.64	0.0	0.00	2531.84	2533.80	
0.011300	0.038	0.070	0.045	0.070	0.35	-152.60	203.00	
	2509.40	1.	1.	1.	74.	74.	350.00	7522.
CCHV= 0.100 CEHV= 0.500								
*SECNO 21.520								
*** GR CARDS REPEATED								
CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30								
21.52	20850.	0.	20850.	0.	1.75	2	147.	
2530.42	0.0	0.	1962.	0.	-0.00	0	2532.80	
21.02	0.0	0.0	10.63	0.0	0.34	2532.18	2533.80	
0.011261	0.038	0.070	0.045	0.070	0.00	-200.83	203.00	
	2509.40	30.	30.	30.	74.	74.	350.00	7524.
*SECNO 21.520								
3301 HV CHANGED MORE THAN HVINS								

HO5

21.52	20850.	118.	20465.	268.	1.20	2	218.	
[illegible]	0.0	115.	2306.	177.	-0.55	0	2520.00	
					0.00	2532.23	2520.00	

*SECNO 21.260

3301 HV CHANGED MORE THAN HVINS

HO5

21.52	20850.	118.	20465.	268.	1.20	2	218.	
2531.03	0.0	115.	2306.	177.	-0.55	0	2520.00	
21.03	0.0	1.02	8.87	1.51	0.00	2532.23	2520.00	
0.000682	0.038	0.110	0.030	0.090	0.06	-0.00	193.16	
	2510.00	1.	1.	1.	89.	129.	411.27	7524.

CCHV= 0.100 CEHV= 0.800
*SECNO 22.050

3301 HV CHANGED MORE THAN HVINS

22.05	20380.	168.	19835.	377.	3.90	3	178.	
2534.42	0.0	85.	1234.	252.	2.70	0	2527.70	
14.42	0.0	1.97	16.07	1.50	3.93	2538.33	2526.40	
0.003619	0.038	0.130	0.030	0.150	2.16	-0.00	31.23	
	2520.00	2990.	2990.	2990.	67.	111.	208.83	7667.

CCHV= 0.100 CEHV= 0.500
*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	19675.	3.	19672.	0.	3.34	12	143.	
2551.51	2550.21	5.	1341.	0.	-0.56	15	2550.20	
12.51	0.0	0.56	14.67	0.0	16.47	2554.85	2553.70	
0.004386	0.037	0.130	0.030	0.130	0.06	-0.00	14.79	
	2539.00	4150.	4150.	4150.	76.	67.	157.65	7806.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	19675.	569.	19106.	0.	4.04	2	144.	
2551.62	0.0	195.	1167.	0.	0.70	0	2540.10	
12.62	0.0	2.91	16.37	0.0	0.46	2555.67	2565.50	
0.004896	0.037	0.130	0.030	0.130	0.35	-0.00	14.14	
	2539.00	100.	100.	100.	97.	47.	157.77	7809.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	1.00	0.01	0.10	0.0
	ELCHU	ELCHD						
	2540.00	2540.00						

*SECNO 22.850

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV

IO5

DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

CANE RIVER

MILE	Q	QLOB	QCH	QROB	HV		
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV

I05

DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
**********	2556.08	0.42	19768.	3.	0.	0.	2540.10

ELTRD
2541.30

22.85	19675.	1098.	18570.	7.	0.37	2	182.	
2572.71	0.0	1176.	3711.	29.	-3.68	0	2540.10	
33.71	0.0	0.93	5.00	0.25	17.42	2573.08	2565.50	
0.000123	0.037	0.130	0.030	0.130	0.0	-0.00	0.48	
	2539.00	10.	10.	10.	111.	71.	182.05	7810.

*SECNO 22.850

22.85	19675.	306.	18988.	381.	0.82	2	187.	
2572.49	0.0	283.	2566.	287.	0.45	0	2555.00	
28.79	0.0	1.08	7.40	1.33	0.01	2573.31	2557.30	
0.000405	0.037	0.120	0.030	0.100	0.23	-0.00	-3.58	
	2543.70	25.	25.	25.	93.	94.	178.31	7812.

*SECNO 23.350

3301 HV CHANGED MORE THAN HVINS

23.35	19235.	259.	18929.	47.	3.05	2	119.	
2573.52	0.0	128.	1341.	40.	2.22	0	2561.60	
17.02	0.0	2.02	14.12	1.16	2.14	2576.57	2565.00	
0.002380	0.037	0.135	0.030	0.135	1.11	-0.00	10.36	
	2556.50	2665.	2665.	2665.	64.	55.	129.47	7954.

CCHV= 0.100 CEHV= 0.800
*SECNO 24.140

3301 HV CHANGED MORE THAN HVINS

24.14	18540.	1925.	16365.	250.	4.52	12	134.	
2592.39	2591.29	383.	905.	73.	1.48	5	2581.70	
17.89	0.0	5.03	18.08	3.41	19.16	2596.91	2581.60	
0.013040	0.038	0.130	0.055	0.130	1.18	-0.00	191.90	
	2574.50	4160.	4160.	4160.	89.	45.	325.56	8091.

CCHV= 0.100 CEHV= 0.500
*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	17110.	17.	17089.	4.	1.35	4	186.	
2601.93	0.0	22.	1834.	8.	-3.18	0	2597.50	
12.33	0.0	0.81	9.32	0.48	6.05	2603.28	2598.70	
0.001533	0.038	0.120	0.030	0.150	0.32	-0.00	29.00	

J05

2589.60	1710.	1710.	1710.	95.	91.	215.10	8154.

2601.33	0.0	0.81	9.32	0.48	0.05	-0.00	29.00
12.33	0.0	0.120	0.030	0.150	0.32		
0.001533	0.038						

J05

2589.60 1710. 1710. 1710. 95. 91. 215.10 8154.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
24.48	17110.	4335.	12276.	498.	2.74	3	184.	
2601.24	0.0	427.	853.	67.	1.39	0	2595.00	
11.94	0.0	10.16	14.40	7.40	0.00	2603.98	2596.00	
0.017566	0.038	0.070	0.030	0.070	0.70	-69.23	30.79	
	2589.30	1.	1.	1.	116.	68.	214.62	8154.

*SECNO 24.480

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	17110.	4403.	12165.	543.	2.36	3	186.	
2601.82	0.0	465.	910.	78.	-0.38	0	2595.00	
12.52	0.0	9.47	13.37	6.98	0.16	2604.17	2596.00	
0.013890	0.038	0.070	0.030	0.070	0.04	-69.23	29.37	
	2589.30	10.	10.	10.	118.	69.	215.66	8155.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	17110.	42.	17053.	15.	1.06	3	192.	
2603.24	0.0	37.	2058.	16.	-1.29	0	2597.50	
13.64	0.0	1.11	8.29	0.92	0.00	2604.31	2598.70	
0.001040	0.038	0.090	0.030	0.080	0.13	-0.00	25.09	
	2589.60	1.	1.	1.	99.	93.	217.17	8155.

*SECNO 25.140

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

K05

3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.14	16935.	92.	15904.	939.	7.63	20	85.
				231.	6.56	14	2616.00

ELEV	CRIWS							
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.14	16935.	92.	15904.	939.	7.63	20	85.	
2622.75	2622.75	57.	696.	231.	6.56	14	2616.00	
20.15	0.0	1.62	22.85	4.06	7.14	2630.37	2605.10	
0.005866	0.038	0.150	0.030	0.120	3.28	-0.00	25.13	
	2602.60	3480.	3480.	3480.	38.	47.	110.23	8278.

*SECNO 25.310

**** GR CARDS REPEATED

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.31	16890.	92.	15861.	936.	7.59	2	85.	
2630.34	2630.34	57.	696.	231.	-0.04	5	2623.60	
20.15	0.0	1.62	22.79	4.05	5.24	2637.93	2612.70	
0.005837	0.037	0.150	0.030	0.120	0.00	-0.00	25.14	
	2610.20	895.	895.	895.	38.	47.	110.23	8299.

*SECNO 25.340

**** GR CARDS REPEATED

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

25.34	16880.	92.	15853.	935.	7.59	20	85.	
2640.13	2640.13	57.	696.	231.	0.00	5	2633.40	
20.13	0.0	1.62	22.79	4.05	0.93	2647.72	2622.50	
0.005845	0.037	0.150	0.030	0.120	0.00	-0.00	25.17	
	2620.00	160.	160.	160.	38.	47.	110.21	8302.

*SECNO 26.050

3301 HV CHANGED MORE THAN HVINS

26.05	16690.	656.	14797.	1237.	1.05	4	472.	
2654.89	0.0	678.	1698.	911.	-6.54	0	2646.40	
15.19	0.0	0.97	8.71	1.36	7.56	2655.94	2643.90	
0.000994	0.037	0.150	0.030	0.120	0.65	-0.00	37.28	
	2639.70	3775.	3775.	3775.	199.	273.	509.33	8487.

*SECNO 26.050

469 0.95 1 473.

0.000994	0.037	0.150	0.030	0.120	0.02	0.00	[illegible]	
	2639.70	3775.	3775.	3775.	199.	273.	509.33	8487.

*SECNO 26.050

L05

26.05	16690.	1876.	14345.	469.	0.95	1	473.	
2655.04	0.0	698.	1709.	312.	-0.09	0	2646.40	
10.64	0.0	2.69	8.39	1.50	0.05	2656.00	2650.30	
0.001626	0.037	0.070	0.030	0.070	0.01	-0.00	36.55	
	2644.40	40.	40.	40.	234.	239.	509.69	8490.

*SECNO 26.050

**** GR CARDS REPEATED

26.05	16690.	1881.	14332.	477.	0.94	1	473.	
2655.08	0.0	702.	1716.	317.	-0.01	0	2646.40	
10.68	0.0	2.68	8.35	1.50	0.02	2656.02	2650.30	
0.001601	0.037	0.070	0.030	0.070	0.00	-0.00	36.37	
	2644.40	15.	15.	15.	234.	239.	509.78	8491.

*SECNO 26.050D

26.05	16690.	890.	13970.	1830.	0.85	2	474.	
2655.19	0.0	719.	1737.	975.	-0.10	0	2646.40	
15.49	0.0	1.24	8.04	1.88	0.01	2656.04	2643.90	
0.000822	0.037	0.110	0.030	0.080	0.01	-0.00	35.72	
	2639.70	10.	10.	10.	200.	274.	510.10	8492.

*SECNO 26.370

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
26.37	16600.	3138.	13462.	0.	0.94	2	654.	
2657.36	0.0	1058.	1566.	0.	0.09	0	2653.80	
9.06	0.0	1.52	8.60	0.0	2.21	2658.30	2657.70	
0.002517	0.037	0.150	0.030	0.090	0.04	-0.00	58.84	
	2648.30	1665.	1665.	1665.	536.	119.	713.21	8627.

CCHV= 0.100 CEHV= 0.800
*SECNO 26.970

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

26.97	16440.	1806.	14385.	250.	3.67	20	330.
2677.13	2677.13	684.	877.	93.	2.73	14	2665.70

M05

[illegible]	16.42	2.67	13.75	2680.80	2666.30

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3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
      26.97     16440.      1806.     14383.       250.       3.67         20      330.
    2677.13    2677.13       684.       877.        93.       2.73         14   2665.70
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      14.83        0.0       2.64      16.41       2.67      13.75    2680.80   2666.30
   0.008257      0.037      0.120      0.045      0.140       2.19      -0.00      8.07
               2662.30      3300.      3300.      3300.       276.        87.    370.52      6826.

CCHV=    0.300 CEHV=     0.800
*SECNO 27.480

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD=   4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

      27.48     16305.      4837.     10374.      1095.       0.30          4      540.
    2699.58        0.0      1638.      2056.       384.      -3.37          0   2692.20
      22.58        0.0       2.95       5.04       2.85      18.07    2699.88   2692.60
   0.005840      0.038      0.120      0.055      0.140       1.01    -784.03     36.79
               2677.00      2620.      2620.      2620.       400.       140.    576.51      8999.

CCHV=    0.100 CEHV=     0.500
*SECNO 27.480

*** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD=   4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

      27.48     16305.      4623.     10464.      1218.       0.30          2      543.
    2699.68        0.0      1669.      2072.       390.      -0.00          0   2692.20
      22.68        0.0       2.77       5.05       3.12       0.10    2699.98   2692.60
   0.001723      0.038      0.070      0.030      0.070       0.00    -784.03     34.04
               2677.00        34.        34.        34.       403.       140.    576.55      9002.

*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

      28.18     16115.      2385.     13725.         4.       1.93          3      357.
    2711.27        0.0       744.      1143.         4.       1.63          0   2706.10
       8.57        0.0       3.21      12.00       1.24      12.41    2713.20   2707.00
   0.009426      0.038      0.120      0.040      0.110       0.81      -0.00    176.26
               2702.70      3685.      3685.      3685.       263.        94.    533.16      9257.

CCHV=    0.100 CEHV=     0.800
*SECNO 28.500
    CANE RIVER                        50 YEAR FLOOD        02/14/81
    MILE          Q         QLOB       QCH        QROB       HV         ITRIAL     TOPWID
    ELEV        CRIWS       ALOB       ACH        AROB       DHV        IDC      BANK ELEV
    DEPTH       WSELK       VLOB       VCH        VROB       HL         EG      LEFT/RIGHT
    SLOPE       WTN         XNL        XNCH       XNR        OLOSS      CORAR      SSTA
                ELMIN       XLOBL      XLCH       XLOBR      WSDL       WSDR       ENDST      VOL

      28.50     16030.       853.     15174.         3.       2.23          8      417.
    2723.71    2720.03       571.      1232.         7.       0.30         14   2720.40
      18.21        0.0       1.49      12.32       0.43      12.50    2725.94   2722.90
   0.006285      0.038      0.150      0.050      0.150       0.24      -0.00     38.07
               2705.50      1640.      1640.      1640.       352.        65.    435.01      9326.
```

CCHV= 0.100 CEHV= 0.800
*SECNO 28.810

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	15945.	2418.	13527.	0.	1.99	8	451.	
2733.87	2728.72	641.	1111.	0.	-0.25	18	2732.50	
18.57	0.0	3.77	12.18	0.0	9.89	2735.85	2736.10	
0.024825	0.038	0.120	0.040	0.110	0.02	-464.69	10.33	
	2715.30	890.	890.	890.	383.	68.	461.00	9363.

*SECNO 28.810

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	15945.	5284.	10590.	71.	0.85	4	515.	
2735.53	0.0	1166.	1249.	46.	-1.14	0	2732.50	
20.23	0.0	4.53	8.48	1.54	0.41	2736.38	2736.10	
0.007137	0.038	0.070	0.030	0.070	0.11	-552.60	7.29	
	2715.30	34.	34.	34.	386.	133.	526.09	9364.

*SECNO 28.970

3301 HV CHANGED MORE THAN HVINS

28.97	15900.	199.	14507.	1195.	2.33	5	172.	
2739.31	0.0	158.	1133.	548.	1.48	0	2724.30	
21.41	0.0	1.25	12.80	2.18	4.58	2742.14	2725.10	
0.001413	0.038	0.150	0.030	0.110	1.18	-0.00	16.59	
	2718.40	1690.	1690.	1690.	51.	121.	188.37	9448.

CCHV= 0.100 CEHV= 0.800
*SECNO 29.890

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

29.89	15655.	162.	15493.	0.	2.84	3	331.	
2759.39	2759.39	143.	1139.	0.	0.52	18	2759.30	
8.99	0.0	1.14	13.60	0.0	15.63	2762.24	2760.00	

0.038 0.150 0.045 0.100 0.4, -0.00 102.08
2733.54 9620.

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

29.89	15655.	162.	15493.	0.	2.84	3	331.
2759.39	2759.39	143.	1139.	0.	0.52	18	2759.30
8.99	0.0	1.14	13.60	0.0	15.63	2762.24	2760.00

B06

0.014511	0.038	0.150	0.045	0.100	0.4;	-0.00	102.08	
	2750.40	4800.	4800.	4800.	243.	88.	433.54	9620.

*SECNO 30.600

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
30.60	15460.	0.	15234.	226.	1.63	6	470.	
2787.36	0.0	0.	1478.	230.	-1.22	0	2791.50	
8.26	0.0	0.0	10.31	0.98	26.83	2789.19	2790.30	
0.004120	0.038	0.120	0.030	0.110	0.12	-0.00	253.88	
	2779.30	3810.	3810.	3810.	124.	619.	996.87	9751.

*SECNO 30.920

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

30.92	15375.	0.	15290.	85.	4.09	2	134.	
2801.90	2801.90	0.	939.	41.	2.47	11	2803.30	
9.90	0.0	0.0	16.28	2.07	12.13	2805.99	2798.00	
0.018427	0.038	0.150	0.050	0.150	1.97	-0.00	315.37	
	2792.00	1600.	1600.	1600.	55.	79.	449.13	9800.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	15290.	3544.	10774.	972.	0.44	3	526.
2819.89	0.0	1210.	1771.	474.	-3.65	0	2823.00
19.69	0.0	2.93	6.08	2.05	13.98	2820.33	2820.50
0.004923	0.038	0.120	0.045	0.100	0.37	-331.20	45.82

C06

2800.20	1630.	1630.	1630.	334.	221.	601.36	9883.

2819.89	0.0	1210.	1771.	[illegible]			
19.69	0.0	2.93	6.08	2.05	13.98	2820.33	2820.50
0.004923	0.038	0.120	0.045	0.100	0.37	-331.20	45.82

CD6

2800.20 1630. 1630. 1630. 334. 221. 601.36 9883.

CCHV= 0.100 CEHV= 0.500
*SECNO 31.240

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	15290.	3984.	10188.	1118.	0.39	2	531.	
2820.05	0.0	1247.	1772.	495.	-0.05	0	2823.00	
19.85	0.0	3.20	5.75	2.26	0.10	2820.44	2820.50	
0.001953	0.038	0.070	0.030	0.070	0.01	-355.23	44.43	
	2800.20	34.	34.	34.	336.	223.	603.01	9886.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.710

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

31.71	15165.	14.	14226.	924.	2.54	2	468.	
2830.81	2830.81	12.	1077.	469.	2.15	14	2827.70	
12.31	0.0	1.24	13.21	1.97	9.33	2833.35	2830.00	
0.009690	0.038	0.150	0.045	0.100	1.72	-0.00	50.57	
	2818.50	2515.	2515.	2515.	71.	397.	518.61	10032.

*SECNO 32.360

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 50 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

32.36	12695.	34.	10612.	2049.	2.03	6	634.	
2863.51	2863.49	19.	851.	1032.	-0.52	19	2857.20	
9.01	0.0	1.80	12.47	1.99	32.13	2865.54	2858.20	
0.008892	0.038	0.130	0.045	0.125	0.05	-0.00	69.05	
	2854.50	3450.	3450.	3450.	58.	635.	762.55	10169.

DD6

*SECNO 32.770

9.00	0.0	1.80	12.47	1.66	0.05	-0.00	69.05	
0.008892	0.038	0.130	0.045	0.125	58.	635.	762.55	10169.
	2854.50	3450.	3450.	3450.				

DD6

*SECNO 32.770

3301 HV CHANGED MORE THAN HVINS

32.77	12395.	34.	6184.	6177.	0.82	6	774.	
2879.94	0.0	27.	622.	2432.	-1.21	0	2875.00	
11.64	0.0	1.24	9.94	2.54	15.09	2880.75	2875.50	
0.005295	0.038	0.150	0.045	0.110	0.12	-0.00	23.93	
	2868.30	2230.	2230.	2230.	47.	727.	798.02	10297.

*SECNO 33.580

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

33.58	11810.	0.	10939.	871.	2.25	11	514.	
2929.96	2929.96	0.	876.	536.	1.43	12	2932.30	
11.96	0.0	0.0	12.49	1.62	34.98	2932.20	2934.70	
0.013554	0.039	0.110	0.045	0.130	1.14	-0.00	113.16	
	2918.00	4410.	4410.	4410.	51.	686.	850.00	10524.

*SECNO 33.580

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

33.58	11810.	0.	9207.	2603.	1.01	6	592.	
2931.42	0.0	0.	1017.	1206.	-1.24	0	2932.30	
13.42	0.0	0.0	9.06	2.16	0.11	2932.43	2934.70	
0.002843	0.039	0.070	0.030	0.070	0.12	-0.00	112.44	
	2918.00	20.	20.	20.	52.	686.	850.00	10525.

*SECNO 33.800

**** GR CARDS REPEATED

EE6

3265 DIVIDED FLOW

*SECNO 33.800

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
33.80	11650.	0.	10581.	1069.	2.05	3	516.	
2938.78	2938.78	0.	879.	548.	1.04	12	2941.10	
11.98	0.0	0.0	12.04	1.95	4.47	2940.83	2943.50	
0.005539	0.038	0.070	0.030	0.070	0.83	-0.00	113.14	
	2926.80	1160.	1160.	1160.	51.	686.	850.00	10574.

*SECNO 34.530

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			50 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
34.53	11120.	1090.	10030.	0.	2.79	13	351.	
2976.18	2976.18	723.	711.	0.	0.74	15	2973.20	
9.48	0.0	1.57	14.11	0.0	21.21	2978.97	2978.50	
0.005655	0.038	0.150	0.030	0.130	0.59	-0.00	41.31	
	2966.70	3790.	3790.	3790.	306.	45.	391.83	10698.

F06

THIS RUN EXECUTED 02/14/81 9:53:13

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1 YANCEY COUNTY NC FEMA STUDY 3440
T2 100 YEAR FLOOD 3445
T3 CANE RIVER 3450

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	4.	0.	0.	0.00379	0.	0.0	0.	0.0	0.0	3455

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	3.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	3460

G06

*PROF 3

GD6

*PROF 3

CCHV= 0.100 CEHV= 0.500
*SECNO .020
2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED
CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.02	42490.	7440.	35009.	40.	4.41	0	381.	
2041.84	0.0	1740.	1896.	22.	0.50	0	2030.90	
18.94	0.0	4.28	18.47	1.80	0.0	2046.26	2032.50	
0.003807	0.0	0.080	0.030	0.080	0.0	-0.00	50.67	
	2022.90	0.	0.	0.	311.	71.	432.03	0.

CCHV= 0.100 CEHV= 0.800
*SECNO .270

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	42470.	2.	42468.	0.	3.61	2	204.	
2049.80	0.0	4.	2783.	0.	-0.80	0	2050.00	
22.80	0.0	0.54	15.26	0.0	7.08	2053.41	2053.90	
0.007032	0.030	0.080	0.030	0.080	0.08	-166.21	39.14	
	2027.00	1400.	1400.	1400.	123.	92.	254.76	104.

CCHV= 0.100 CEHV= 0.500
*SECNO .270

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	42470.	10.	42460.	0.	3.58	2	214.	
2050.08	0.0	11.	2798.	0.	-0.04	0	2050.00	
23.08	0.0	0.96	15.18	0.0	0.24	2053.66	2053.90	
0.007357	0.030	0.070	0.030	0.070	0.00	-203.46	38.54	
	2027.00	34.	34.	34.	124.	93.	255.46	106.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

0.97	42415.	5306.	36329.	780.	3.60	6	271.
2062.43	0.0	1209.	2221.	224.	0.02	0	2046.90
24.63	0.0	4.39	16.35	3.48	12.35	2066.03	2054.10

HD6

0.001997	0.030	0.070	0.030	0.070	0.02	-0.00	11.14	
	2037.80	3575.	3575.	3575.	186.	85.	282.64	371.

0.47	46412.	2555.					
2062.43	0.0	1209.	2221.	224.	0.02	2066.03	2054.10
24.63	0.0	4.39	16.35	3.48	12.35		

0.001997	0.030	0.070	0.030	0.070	0.02	-0.00	11.14	
	2037.80	3575.	3575.	3575.	186.	85.	282.64	371.

CCHV= 0.100 CEHV= 0.500
*SECNO 1.550
CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.55	42370.	3345.	38751.	274.	3.41	3	291.	
2068.34	0.0	1010.	2505.	104.	-0.19	0	2058.00	
19.34	0.0	3.31	15.47	2.63	5.70	2071.15	2060.80	
0.001630	0.028	0.080	0.025	0.070	0.02	-0.00	13.77	
	2049.00	3170.	3170.	3170.	197.	95.	305.22	636.

*SECNO 2.000

3301 HV CHANGED MORE THAN HVINS

2.00	42335.	2804.	33643.	5888.	2.04	3	487.	
2074.92	0.0	848.	2644.	1509.	-1.37	0	2065.80	
17.92	0.0	3.31	12.72	3.90	5.07	2076.96	2066.90	
0.002997	0.031	0.100	0.040	0.080	0.14	-0.00	18.64	
	2057.00	2350.	2350.	2350.	191.	296.	505.63	868.

CCHV= 0.100 CEHV= 0.800
*SECNO 2.750

3301 HV CHANGED MORE THAN HVINS

2.75	42280.	316.	41282.	682.	3.03	3	230.	
2091.22	0.0	121.	2921.	227.	0.99	0	2079.70	
23.32	0.0	2.62	14.13	3.01	16.50	2094.25	2079.30	
0.006039	0.037	0.130	0.055	0.110	0.79	-0.00	5.99	
	2087.90	4000.	4000.	4000.	103.	127.	236.20	1248.

CCHV= 0.100 CEHV= 0.500
*SECNO 3.520
3280 CROSS SECTION 3.52 EXTENDED 6.53 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX EL.= 2110.50

3.52	42220.	1199.	36189.	4832.	1.07	5	397.	
2118.23	0.0	363.	4112.	1125.	-1.97	0	2110.50	
30.83	0.0	3.30	8.80	4.15	24.84	2119.29	2110.00	
0.006078	0.039	0.120	0.045	0.100	0.20	-206.71	0.0	
	2087.40	4100.	4100.	4100.	131.	267.	397.45	1667.

*SECNO 3.520

*SECNO 3.520

*** GR CARDS REPEATED
3280 CROSS SECTION 3.52 EXTENDED 6.63 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	42220.	1391.	36152.	4677.	1.05	2	398.	
2118.33	0.0	369.	4128.	1184.	-0.01	0	2110.50	
30.93	0.0	3.77	8.76	3.95	0.09	2119.38	2110.00	
0.002661	0.039	0.070	0.030	0.070	0.00	-206.71	0.0	
	2087.40	23.	23.	23.	131.	268.	398.46	1670.

*SECNO 4.220

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
4.22	40935.	2658.	37063.	1214.	1.59	4	674.	
2124.46	0.0	1315.	3496.	807.	0.53	0	2115.00	
20.56	0.0	2.02	10.60	1.51	6.40	2126.05	2116.00	
0.001722	0.038	0.090	0.030	0.090	0.27	-0.00	20.21	
	2103.90	3665.	3665.	3665.	320.	353.	693.71	2145.

*SECNO 5.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

5.00	40935.	0.	40935.	0.	5.57	2	194.	
2136.13	2136.13	0.	2162.	0.	3.98	15	2137.70	
17.33	0.0	0.0	18.93	0.0	10.57	2141.70	2140.10	
0.008618	0.036	0.090	0.030	0.090	1.99	-0.00	111.00	
	2118.80	4100.	4100.	4100.	100.	97.	308.49	2512.

*SECNO 5.140

3301 HV CHANGED MORE THAN HVINS

[illegible] 3143.10 MAX ELLC= 2139.40

*SECNO 5.140

J06

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	40690.	2172.	36281.	2237.	2.37	6	430.
2146.36	0.0	446.	2798.	456.	-3.20	0	2140.70
24.56	0.0	4.87	12.96	4.90	6.71	2148.73	2143.10
0.009837	0.036	0.080	0.030	0.080	0.32	-809.92	0.44
	2121.80	730.	730.	730.	211.	219.	430.40 2561.

*SECNO 5.140

**** GR CARDS REPEATED
3280 CROSS SECTION 5.14 EXTENDED 0.46 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	40690.	2478.	35682.	2531.	2.08	2	438.
2146.96	0.0	512.	2917.	529.	-0.29	0	2140.70
25.16	0.0	4.84	12.23	4.78	0.28	2149.04	2143.10
0.008285	0.036	0.080	0.030	0.080	0.03	-809.93	0.0
	2121.80	31.	31.	31.	211.	227.	437.52 2563.

*SECNO 5.980

3301 HV CHANGED MORE THAN HVINS

5.98	40460.	294.	40119.	46.	5.01	4	204.
2168.73	0.0	183.	2224.	47.	2.93	0	2159.20
23.83	0.0	1.61	18.04	0.99	23.24	2173.74	2166.00
0.003429	0.035	0.150	0.030	0.120	1.47	-0.00	31.68
	2144.90	4570.	4570.	4570.	106.	98.	235.45 2900.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.600

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL
6.60	40295.	17.	40273.	5.	4.04	2	183.
2185.74	0.0	19.	2495.	4.	-0.97	0	2183.60
21.54	0.0	0.93	16.14	1.02	15.94	2189.78	2183.50
0.008231	0.037	0.150	0.050	0.130	0.10	-0.00	55.69
	2164.20	3150.	3150.	3150.	98.	85.	238.98 3080.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930

K06

3301 HV CHANGED MORE THAN HVINS

0.008231	0.037	0.120						
	2164.20	3150.	3150.	3150.	98.	62.	230.76	3000.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	40205.	2257.	33803.	4145.	1.38	4	414.	
2202.14	0.0	635.	3326.	1099.	-2.63	0	2194.50	
28.14	0.0	3.55	10.16	3.77	13.48	2203.52	2193.60	
0.007639	0.037	0.150	0.040	0.130	0.27	-765.41	0.0	
	2174.00	1700.	1700.	1700.	153.	261.	414.36	3227.

CCHV= 0.100 CEHV= 0.500
*SECNO 6.930

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	40205.	3193.	31821.	5191.	1.14	2	420.	
2202.59	0.0	663.	3405.	1177.	-0.24	0	2194.50	
28.59	0.0	4.81	9.34	4.41	0.18	2203.73	2193.60	
0.004791	0.037	0.090	0.035	0.090	0.02	-765.41	0.0	
	2174.00	30.	30.	30.	153.	267.	420.24	3231.

*SECNO 7.380

3301 HV CHANGED MORE THAN HVINS

7.38	40085.	304.	37723.	2058.	2.54	4	254.	
2207.43	0.0	209.	2864.	751.	1.40	0	2194.50	
20.83	0.0	1.46	13.17	2.74	5.54	2209.97	2192.00	
0.001379	0.036	0.150	0.030	0.100	0.70	-0.00	3.31	
	2186.60	2370.	2370.	2370.	100.	154.	257.38	3478.

CCHV= 0.100 CEHV= 0.800
*SECNO 8.240

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
8.24	39855.	89.	39725.	41.	6.13	4	187.	
2226.05	2226.05	42.	1995.	17.	3.59	19	2221.50	
15.15	0.0	2.13	19.91	2.43	14.34	2232.18	2221.50	
0.016033	0.038	0.150	0.050	0.120	2.88	-0.00	46.53	
	2210.90	4360.	4360.	4360.	99.	88.	233.35	3772.

*SECNO 9.310

0.016033	0.038	0.150	0.050	0.120	2.88	-0.00	233.35	3772.
	2210.90	4360.	4360.	4360.	99.	88.		

*SECNO 9.310

L06

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
9.31	39565.	83.	38105.	1378.	2.94	7	244.	
2269.02	0.0	56.	2721.	424.	-3.20	0	2263.00	
25.42	0.0	1.49	14.00	3.25	39.46	2271.96	2263.00	
0.003845	0.039	0.125	0.045	0.090	0.32	-0.00	-12.42	
	2243.60	5680.	5680.	5680.	91.	153.	231.27	4114.

*SECNO 9.980

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	37025.	1474.	32873.	2678.	2.01	3	278.	
2293.80	0.0	324.	2753.	471.	-0.92	0	2286.60	
27.80	0.0	4.54	11.94	5.69	23.76	2295.81	2284.60	
0.015159	0.039	0.130	0.045	0.130	0.09	-756.57	1.03	
	2266.00	3570.	3570.	3570.	136.	142.	279.38	4391.

CCHV= 0.100 CEHV= 0.500
*SECNO 9.980

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	37025.	1963.	31676.	3386.	1.72	2	280.	
2294.43	0.0	360.	2855.	510.	-0.29	0	2286.60	
28.43	0.0	5.46	11.09	6.64	0.31	2296.15	2284.60	
0.005542	0.039	0.070	0.030	0.070	0.03	-756.57	0.92	
	2266.00	36.	36.	36.	137.	143.	280.88	4394.

CCHV= 0.100 CEHV= 0.800
*SECNO 11.230

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	36680.	3206.	32982.	492.	1.77	4	244.	
2347.11	0.0	516.	2975.	137.	0.05	0	2335.80	
32.61	0.0	6.21	11.09	3.59	52.69	2348.88	2339.50	
0.013214	0.040	0.110	0.050	0.150	0.04	-761.28	62.25	
	2314.50	6465.	6465.	6465.	145.	99.	306.44	4940.

*SECNO 11.230

**** GR CARDS REPEATED

M06

*SECNO 11.230

**** GR CARDS REPEATED

M06

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	36680.	3130.	32879.	671.	1.69	0	247.	
2347.46	0.0	542.	3025.	146.	-0.08	0	2335.80	
32.96	0.0	5.78	10.87	4.58	0.26	2349.15	2339.50	
0.004469	0.040	0.070	0.030	0.070	0.01	-761.28	60.66	
	2314.50	37.	37.	37.	147.	100.	307.19	4943.

*SECNO 12.000

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
12.00	36465.	7.	36458.	0.	4.25	4	159.	
2367.03	0.0	7.	2203.	0.	2.56	0	2366.30	
22.03	0.0	1.02	16.55	0.0	20.09	2371.28	2370.00	
0.005397	0.040	0.070	0.030	0.070	2.05	-0.00	120.78	
	2345.00	4100.	4100.	4100.	87.	73.	280.00	5222.

CCHV= 0.100 CEHV= 0.800

*SECNO 12.260

3301 HV CHANGED MORE THAN HVINS

12.26	36395.	177.	36088.	130.	1.47	3	214.	
2372.90	0.0	169.	3695.	118.	-2.79	0	2361.00	
25.40	0.0	1.04	9.77	1.10	2.81	2374.37	2361.00	
0.000900	0.039	0.150	0.035	0.120	0.28	-0.00	2.49	
	2347.50	1545.	1545.	1545.	112.	105.	218.83	5331.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

12.75	36280.	40.	35176.	1074.	6.31	3	197.	
2379.94	2379.94	20.	1718.	235.	4.84	14	2374.50	
16.94	0.0	2.01	20.46	4.56	5.93	2386.25	2370.50	
0.014643	0.040	0.150	0.050	0.130	3.87	0.0	32.75	
	2363.00	2570.	2570.	2570.	69.	129.	230.23	5507.

*SECNO 12.750
CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
	36260.	102.	34441.	1717.	6.62	2	202.	
2381.72	2381.72	35.	1627.	363.	0.31	11	2374.50	
18.72	0.0	2.93	21.16	4.73	0.76	2388.35	2367.30	
0.004613	0.040	0.070	0.030	0.070	0.25	-0.00	30.37	
	2363.00	100.	100.	100.	60.	142.	231.99	5512.

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

12.75	36260.	294.	29926.	6040.	4.54	4	210.	
2385.39	2385.39	40.	1656.	523.	-2.09	14	2381.70	
7.49	0.0	7.40	18.07	11.54	0.01	2389.93	2380.10	
0.030513	0.040	0.070	0.040	0.070	0.21	-246.30	25.27	
	2363.90	1.	1.	1.	65.	146.	235.61	5512.

CCHV= 0.100 CEHV= 0.500
*SECNO 12.750

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

12.75	36260.	367.	30183.	5710.	3.89	3	224.
2386.69	0.0	61.	1786.	648.	-0.65	0	2381.70

4.03 16.90 8.81 0.59 2390.58 2380.10

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

12.75	36260.	367.	30183.	5710.	3.89	3	224.
2386.69	0.0	61.	1786.	648.	-0.65	0	2381.70

B07

22.79	0.0	6.02	16.90	8.81	0.59	2390.58	2380.10	
0.013579	0.040	0.070	0.030	0.070	0.06	-246.30	13.32	
	2363.90	30.	30.	30.	77.	147.	236.89	5513.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	36260.	313.	32447.	3500.	2.98	3	232.	
2387.69	0.0	133.	2224.	930.	-0.91	0	2374.50	
24.69	0.0	2.35	14.59	3.76	0.00	2390.67	2367.30	
0.001445	0.040	0.070	0.030	0.070	0.09	-0.00	5.65	
	2363.00	1.	1.	1.	84.	148.	237.87	5513.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	36260.	218.	33084.	2958.	1.98	3	235.	
2388.82	0.0	173.	2810.	871.	-1.00	0	2374.50	
25.82	0.0	1.76	11.77	3.39	0.03	2390.80	2370.50	
0.000905	0.040	0.110	0.030	0.070	0.10	-0.00	3.94	
	2363.00	25.	25.	25.	98.	137.	238.99	5515.

CCHV= 0.100 CEHV= 0.800
*SECNO 13.440

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	36070.	0.	36070.	0.	4.63	3	162.	
2397.08	0.0	0.	2090.	0.	2.65	0	2418.20	
17.98	0.0	0.0	17.26	0.0	8.78	2401.70	2401.60	
0.017455	0.040	0.130	0.045	0.130	2.12	-0.00	220.99	
	2379.10	3670.	3670.	3670.	77.	98.	395.35	5766.

CCHV= 0.100 CEHV= 0.500
*SECNO 13.440

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	36070.	0.	36070.	0.	3.68	4	172.
2398.58	0.0	0.	2343.	0.	-0.94	0	2418.20

C07

	0.0	15.40	0.0	0.47	2402.26	2401.60	

13.44	3607D.	D.	3607D.	D.	3.68	4	172.
2398.58	D.D	D.	2343.	D.	-0.94	0	2418.20

C07

19.48	- D.D	D.D	15.40	D.D	D.47	2402.26	2401.60	
D.010508	D.040	D.07D	D.040	D.07D	D.09	-D.DD	218.69	
	2379.1D	35.	35.	35.	79.	105.	402.91	5768.

CCHV= D.1DD CEHV= D.8DU
*SECNO 14.13D

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			1CD YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELM	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
14.13	35880.	345.	34875.	659.	2.76	6	182.	
2417.90	D.D	163.	2578.	284.	-D.92	D	2402.10	
27.00	D.D	2.11	13.53	2.32	18.31	2420.67	2405.30	
D.003054	D.040	D.140	D.045	D.150	D.09	-D.DD	8.76	
	2393.90	3545.	3545.	3545.	84.	98.	190.47	5986.

*SECNO 14.730

14.73	35715.	468.	34546.	702.	3.03	4	200.	
2425.16	D.D	171.	2433.	375.	D.27	D	2411.50	
19.96	D.D	2.74	14.20	1.87	7.31	2428.19	2414.20	
D.001772	D.040	D.120	D.030	D.150	D.21	-D.DD	11.00	
	2405.20	3200.	3200.	3200.	84.	117.	211.48	6207.

*SECNO 14.730

3301 HV CHANGED MORE THAN HVINS

14.73	35715.	34.	33084.	2597.	3.65	2	201.	
2425.21	D.D	19.	2093.	377.	D.62	D	2411.90	
15.41	D.D	1.81	15.81	6.90	D.17	2428.85	2414.20	
D.005221	D.040	D.07D	D.040	D.07D	D.49	-D.DD	10.97	
	2409.80	60.	60.	60.	78.	123.	211.57	6210.

*SECNO 14.73D

**** GR CARDS REPEATED

14.73	35715.	35.	33057.	2622.	3.54	2	201.	
2425.40	D.D	19.	2121.	386.	-D.10	D	2411.90	
15.60	D.D	1.82	15.59	6.79	D.18	2428.94	2414.20	
D.004986	D.040	D.07D	D.040	D.07D	D.01	-D.DD	10.80	
	2409.80	15.	15.	15.	78.	123.	212.07	6211.

*SECNO 14.730

14.73	35715.	658.	34215.	842.	3.51	1	187.	
2425.49	D.D	148.	2232.	309.	-D.04	D	2413.30	
18.49	D.D	4.45	15.33	2.73	D.05	2428.99	2416.00	
D.002318	D.040	D.080	D.030	D.110	D.00	-D.DD	12.27	
	2407.00	15.	15.	15.	82.	105.	199.51	6212.

D07

*SECNO 15.190

0.002318	0.040	0.080	0.080	0.080	82.	105.	199.51	6212.
	2407.00	15.	15.	15.				

D07

*SECNO 15.190

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
15.19	35585.	452.	34058.	1076.	5.60	2	171.	
2435.28	0.0	134.	1756.	255.	2.09	0	2424.50	
18.48	0.0	3.37	19.39	4.21	10.21	2440.88	2423.90	
0.008756	0.040	0.120	0.045	0.135	1.67	-0.00	45.11	
	2416.80	2530.	2530.	2530.	80.	91.	215.69	6353.

CCHV= 0.100 CEHV= 0.500
*SECNO 15.870

3301 HV CHANGED MORE THAN HVINS

15.87	35400.	913.	34256.	230.	3.32	3	303.	
2450.60	0.0	539.	2307.	166.	-2.28	0	2439.10	
22.10	0.0	1.70	14.85	1.38	12.81	2453.92	2439.50	
0.001992	0.040	0.115	0.030	0.150	0.23	-0.00	29.75	
	2428.50	3500.	3500.	3500.	203.	100.	332.58	6560.

CCHV= 0.100 CEHV= 0.800
*SECNO 16.200

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	35310.	7640.	26682.	988.	1.60	2	508.	
2459.35	0.0	1229.	2386.	425.	-1.72	0	2450.70	
24.95	0.0	6.22	11.18	2.32	6.87	2460.95	2451.70	
0.012734	0.040	0.100	0.040	0.150	0.17	-680.14	-42.46	
	2434.40	1680.	1680.	1680.	276.	231.	465.09	6696.

CCHV= 0.100 CEHV= 0.500
*SECNO 16.200

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	35310.	8258.	25156.	1896.	1.29	2	517.	
2459.94	0.0	1347.	2480.	516.	-0.31	0	2450.70	
25.54	0.0	6.13	10.14	3.68	0.24	2461.23	2451.70	
0.005593	0.040	0.070	0.030	0.070	0.03	-680.14	-48.49	
	2434.40	30.	30.	30.	282.	235.	468.75	6699.

E07

*SECNO 16.970
3280 CROSS SECTION 16.97 EXTENDED 0.99 FEET

2434.40

ED7

*SECNO 16.970
3280 CROSS SECTION 16.97 EXTENDED 0.99 FEET

3301 HV CHANGED MORE THAN HVINS

16.97	35095.	1203.	33455.	437.	2.54	6	252.	
2468.99	0.0	694.	2555.	281.	1.25	0	2461.70	
27.09	0.0	1.73	13.09	1.55	9.68	2471.53	2453.90	
0.001254	0.039	0.110	0.030	0.150	0.63	-0.00	0.0	
	2441.90	4180.	4180.	4180.	163.	90.	252.00	7076.

*SECNO 17.460

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
17.46	34950.	629.	23624.	10707.	1.76	3	629.	
2473.32	0.0	307.	1838.	4581.	-0.78	0	2461.40	
19.42	0.0	2.05	12.85	2.34	3.47	2475.08	2461.90	
0.001482	0.039	0.120	0.030	0.110	0.08	-0.00	25.16	
	2453.90	2550.	2550.	2550.	88.	541.	654.31	7377.

*SECNO 17.770

17.77	34875.	1149.	20855.	2530.	1.98	2	682.	
2476.00	0.0	4067.	1444.	1310.	0.22	0	2463.20	
19.20	0.0	2.83	14.45	1.93	2.79	2477.98	2464.00	
0.001955	0.039	0.120	0.030	0.130	0.11	-0.00	3.56	
	2456.80	1650.	1650.	1650.	433.	249.	685.86	7633.

*SECNO 18.270

3265 DIVIDED FLOW

18.27	34740.	58.	26905.	7777.	2.03	2	832.	
2480.30	0.0	78.	2079.	3925.	0.04	0	2476.50	
19.80	0.0	0.74	12.94	1.98	4.82	2482.82	2472.50	
0.001797	0.039	0.120	0.030	0.110	0.02	-0.00	3.80	
	2461.00	2570.	2570.	2570.	146.	700.	850.00	8014.

*SECNO 18.270

3301 HV CHANGED MORE THAN HVINS

18.27	34740.	1667.	21146.	11927.	1.07	3	847.	
2481.98	0.0	539.	2031.	4517.	-0.96	0	2463.10	
20.98	0.0	3.10	10.41	2.64	0.14	2483.05	2472.40	
0.001056	0.039	0.070	0.030	0.070	0.10	-0.00	3.31	
	2461.00	100.	100.	100.	168.	679.	850.00	8029.

FD7

*SECNO 18.270

20.98	0.0	2.10	10.41	[illegible]	[illegible]	[illegible]	[illegible]	
0.001056	0.039	0.070	0.030	0.070	0.10	-0.00	3.21	
	2461.00	100.	100.	100.	168.	679.	850.00	8029.

F07

*SECNO 18.270

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	34740.	301.	16153.	18286.	0.79	2	825.	
2482.30	0.0	137.	1756.	3936.	-0.28	0	2482.50	
20.80	0.0	2.19	9.20	4.65	0.00	2483.08	2482.50	
0.003868	0.039	0.070	0.030	0.070	0.03	-280.57	3.18	
	2461.50	1.	1.	1.	168.	679.	850.00	8029.

*SECNO 18.270

**** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	34740.	319.	15947.	18474.	0.77	2	835.	
2482.39	0.0	146.	1756.	3994.	-0.02	0	2482.50	
20.89	0.0	2.19	9.08	4.63	0.07	2483.16	2482.50	
0.003770	0.039	0.070	0.030	0.070	0.00	-291.96	3.14	
	2461.50	19.	19.	19.	168.	679.	850.00	8032.

*SECNO 18.270

18.27	34740.	1687.	20864.	12189.	0.99	2	847.	
2482.28	0.0	570.	2067.	4702.	0.23	0	2463.10	
21.28	0.0	2.96	10.09	2.59	0.00	2483.27	2472.40	
0.000969	0.039	0.070	0.030	0.070	0.11	-0.00	3.19	
	2461.00	1.	1.	1.	168.	679.	850.00	8032.

*SECNO 18.270

18.27	34740.	217.	22162.	12361.	0.97	1	847.	
2482.33	0.0	203.	2279.	4903.	-0.02	0	2476.50	
21.33	0.0	1.07	9.72	2.52	0.02	2483.30	2472.50	
0.000898	0.039	0.080	0.030	0.070	0.00	-0.00	3.17	
	2461.00	25.	25.	25.	147.	700.	850.00	8036.

*SECNO 19.080

3265 DIVIDED FLOW

19.08	31095.	8774.	15769.	6553.	1.08	2	1217.	
2487.68	0.0	3416.	1373.	3162.	0.11	0	2482.00	

G07

14.78	0.0	2.57	11.48	2.07	5.41	2488.77	2481.00	
0.002025	0.038	0.100	0.030	0.100	0.05	-0.00	1571.59	
	2452.00	4275.	4275.	4275.	554.	665.	2790.02	8788.

19.08	31095.	8774.	15769.	6553.	1.06		
2487.68	0.0	3416.	1373.	3162.	0.11	0	2482.00

G07

14.78	0.0	2.57	11.48	2.07	5.41	2488.77	2481.00	
0.002025	0.038	0.100	0.030	0.100	0.05	-0.00	1571.59	
	2472.90	4275.	4275.	4275.	554.	665.	2790.02	8788.

*SECNO 19.780

3301 HV CHANGED MORE THAN HVINS

19.78	30260.	645.	29453.	162.	2.78	2	272.	
2495.88	0.0	268.	2172.	93.	1.70	0	2487.00	
14.78	0.0	2.40	13.56	1.73	9.05	2498.66	2490.40	
0.002938	0.038	0.090	0.030	0.120	0.85	-0.00	58.58	
	2481.10	3750.	3750.	3750.	154.	118.	330.72	9240.

CCHV= 0.100 CEHV= 0.800
*SECNO 20.250

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
20.25	29700.	262.	29365.	73.	3.96	2	193.	
2505.88	0.0	126.	1829.	38.	1.18	0	2500.90	
19.88	0.0	2.08	16.06	1.89	10.23	2509.83	2499.50	
0.005850	0.038	0.100	0.040	0.120	0.94	-0.00	34.39	
	2486.00	2550.	2550.	2550.	116.	77.	227.07	9372.

CCHV= 0.100 CEHV= 0.500
*SECNO 20.960

3301 HV CHANGED MORE THAN HVINS

20.96	28855.	535.	25550.	2770.	1.10	3	709.	
2517.24	0.0	556.	2861.	1392.	-2.86	0	2513.30	
15.14	0.0	0.96	8.93	1.99	8.22	2518.34	2512.50	
0.001112	0.038	0.090	0.030	0.090	0.29	-0.00	81.55	
	2502.10	3770.	3770.	3770.	378.	331.	790.65	9667.

CCHV= 0.100 CEHV= 0.800
*SECNO 21.300

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY

H07

3720 CRITICAL DEPTH ASSUMED

21.30	28450.	34.	28306.	110.	5.78	3	145.
[illegible]	2523.80	17.	1464.	38.	4.68	11	2519.50
					[illegible]	2520.57	2519.50

HEC2
ERROR
MODIF

T1
T2
T3

J1 IC

J2 NP

*PROF

ELMIN

7185 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

21.30	28450.	34.	28306.	110.	5.78	3	145.	
2523.80	2523.80	17.	1464.	38.	4.68	11	2519.50	
14.30	0.0	1.95	19.34	2.86	4.98	2529.57	2519.50	
0.016488	0.038	0.150	0.050	0.150	3.74	-0.00	211.97	
	2509.50	1790.	1790.	1790.	71.	74.	356.89	9797.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

21.52	28185.	367.	27107.	711.	1.67	4	457.	
2533.10	0.0	214.	2565.	577.	-4.11	0	2520.00	
23.10	0.0	1.71	10.57	1.23	4.79	2534.77	2520.00	
0.001889	0.038	0.110	0.045	0.130	0.41	-0.00	150.94	
	2510.00	1130.	1130.	1130.	132.	325.	608.00	9860.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	28185.	0.	28185.	0.	3.16	2	150.	
2532.81	0.0	0.	1976.	0.	1.49	0	2532.80	
23.41	0.0	0.03	14.26	0.0	0.00	2535.97	2533.80	
0.020084	0.038	0.070	0.045	0.070	1.19	-537.40	199.74	
	2509.40	1.	1.	1.	77.	74.	350.00	9860.

CCHV= 0.100 CEHV= 0.500
*SECNO 21.520

*** GR CARDS REPEATED

3265 DIVIDED FLOW

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	28185.	11.	28172.	2.	3.14	2	231.	
2535.43	0.0	7.	1980.	4.	-0.02	0	2532.80	
24.03	0.0	1.60	14.23	0.48	0.60	2536.57	2533.80	
0.019941	0.038	0.070	0.045	0.070	0.00	-624.42	183.71	
	2509.40	30.	30.	30.	93.	250.	526.37	9861.

*SECNO 21.520

3301 HV CHANGED MORE THAN HVINS

21.52	28185.	414.	26291.	1480.	1.22	3	558.	
[illegible]	0.0	444.	2870.	1303.	-1.92	0	2520.00	
					0.00	2536.76	2520.00	

3301 HV CHANGED MORE THAN HVINS

21.52	28185.	414.	26291.	1480.	1.22	3	558.	
2535.55	0.0	444.	2870.	1303.	-1.92	0	2520.00	
25.55	0.0	0.93	9.16	1.14	0.00	2536.76	2520.00	
0.000543	0.038	0.110	0.030	0.090	0.19	-0.00	101.10	
	2510.00	1.	1.	1.	181.	376.	658.68	9861.

CCHV= 0.100 CEHV= 0.800
*SECNO 22.050

3301 HV CHANGED MORE THAN HVINS

22.05	27555.	369.	26290.	896.	4.08	3	211.	
2538.06	0.0	162.	1585.	534.	2.86	0	2527.70	
18.06	0.0	2.27	16.59	1.68	3.09	2542.14	2526.40	
0.002765	0.038	0.130	0.030	0.150	2.29	-0.00	26.46	
	2520.00	2990.	2990.	2990.	72.	139.	237.43	10098.

CCHV= 0.100 CEHV= 0.500
*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	26600.	22.	26578.	0.	4.61	11	153.	
2552.97	2552.25	21.	1542.	0.	0.53	15	2550.20	
13.97	0.0	1.01	17.24	0.0	15.17	2557.58	2553.70	
0.005126	0.037	0.130	0.030	0.130	0.26	-0.00	6.64	
	2539.00	4150.	4150.	4150.	84.	68.	159.23	10281.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
22.85	26600.	851.	25749.	0.	5.75	2	153.	
2552.98	2552.98	247.	1317.	0.	1.14	5	2540.10	
13.98	0.0	3.45	19.54	0.0	0.56	2558.73	2565.50	
0.006077	0.037	0.130	0.030	0.130	0.57	-0.00	6.62	
	2539.00	100.	100.	100.	104.	48.	159.23	10285.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	1.00	0.01	0.10	0.0
ELCHU	ELCHD							
2540.00	2540.00							

*SECNO .5

3280 CROSS

0.97
2072.20
34.40
0.001675

CCHV= D.
*SECNO 1.
CANE
MILE
ELEV
DEPTH
SLOPE

1.55
2076.92
27.92
0.001357

*SECNO 2.

3301 HV

2.0
2083.5
26.5
0.00191

CCHV=
*SECNO 2
3280 CRO

3301 HV

2.
2076.
28.
0.0084

CCHV=
*SECNO
3280 CR

3301 HV

*SECNO 22.850

*** GR CARDS REPEATED

3370 NORI

3.5

2540.00 2540.00

JD7

*SECNO 22.850

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
**********	2559.46	0.73	26648.	3.	0.	0.	2540.10

ELTRD
2541.30

22.85	26600.	1496.	25082.	22.	0.54	2	185.	
2576.10	0.0	1337.	4138.	63.	-5.21	0	2540.10	
37.10	0.0	1.12	6.06	0.36	17.91	2576.64	2565.50	
0.000156	0.037	0.130	0.030	0.130	0.0	-0.00	0.39	
	2539.00	10.	10.	10.	111.	75.	185.83	10286.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	26600.	523.	25433.	645.	1.09	2	199.	
2575.83	0.0	403.	2971.	407.	0.55	0	2555.00	
32.13	0.0	1.30	8.56	1.58	0.01	2576.92	2557.30	
0.000446	0.037	0.120	0.030	0.100	0.28	-0.00	-14.95	
	2543.70	25.	25.	25.	99.	99.	183.99	10288.

*SECNO 23.350

3301 HV CHANGED MORE THAN HVINS

23.35	26005.	434.	25464.	107.	3.66	2	126.	
2576.79	0.0	190.	1641.	77.	2.57	0	2561.60	
20.29	0.0	2.28	15.52	1.38	2.24	2580.45	2565.00	
0.002197	0.037	0.135	0.030	0.135	1.29	-0.00	7.50	
	2556.50	2665.	2665.	2665.	66.	59.	133.10	10462.

CCHV= 0.100 CEHV= 0.800
*SECNO 24.140

3301 HV CHANGED MORE THAN HVINS

24.14	25065.	3148.	21485.	432.	5.63	8	205.	
2594.73	2593.97	555.	1050.	108.	1.97	8	2581.70	
20.23	0.0	5.67	20.45	3.98	18.34	2600.37	2581.60	
0.013678	0.038	0.130	0.055	0.130	1.58	-0.00	123.92	

K07

2574.50	4160.	4160.	4160.	157.	48.	328.51	10635.

3301 HV CHANGED MORE THAN HVINS

24.14	25065.	3148.	21485.	432.	5.63	8	205.
2594.73	2593.97	555.	1050.	108.	1.97	8	2581.70
20.23	0.0	5.67	20.45	3.98	18.34	2600.37	2581.60
0.013678	0.038	0.130	0.055	0.130	1.58	-0.00	123.92

	2574.50	4160.	4160.	4160.	157.	48.	328.51	10635.

CCHV= 0.100 CEHV= 0.500
*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	23140.	66.	23055.	19.	1.55	3	199.	
2604.67	0.0	60.	2304.	28.	-4.09	0	2597.50	
15.07	0.0	1.09	10.01	0.66	5.44	2606.22	2598.70	
0.001306	0.038	0.120	0.030	0.150	0.41	-0.00	20.80	
	2589.60	1710.	1710.	1710.	104.	95.	219.44	10716.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	23140.	6276.	15910.	954.	2.49	2	198.	
2604.20	0.0	635.	1149.	128.	0.94	0	2595.00	
14.90	0.0	9.88	13.85	7.48	0.00	2606.69	2596.00	
0.010919	0.038	0.070	0.030	0.070	0.47	-69.23	22.22	
	2589.30	1.	1.	1.	125.	73.	220.00	10716.

*SECNO 24.480

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	23140.	6301.	15866.	973.	2.38	2	199.	
2604.43	0.0	652.	1171.	133.	-0.11	0	2595.00	
15.13	0.0	9.66	13.54	7.33	0.11	2606.81	2596.00	
0.010177	0.038	0.070	0.030	0.070	0.01	-69.23	21.55	
	2589.30	10.	10.	10.	125.	73.	220.41	10716.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	23140.	109.	22986.	46.	1.35	3	203.	
2605.56	0.0	78.	2455.	37.	-1.03	0	2597.50	
15.96	0.0	1.41	9.36	1.22	0.00	2606.91	2598.70	
0.001050	0.038	0.090	0.030	0.080	0.10	-0.00	18.16	
	2589.60	1.	1.	1.	106.	96.	220.83	10717.

2605.56	0.0	10.	[illegible]					
15.96	0.0	1.41	9.36	1.22	0.00	2606.91	[illegible]	
0.001050	0.038	0.090	0.030	0.080	0.10	-0.00	18.16	
	2589.60	1.	1.	1.	106.	96.	220.83	10717.

*SECNO 25.140

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.14	22900.	271.	21174.	1456.	9.11	20	99.	
2626.21	2626.21	130.	842.	331.	7.76	14	2616.00	
23.61	0.0	2.08	25.16	4.35	7.06	2635.32	2605.10	
0.005525	0.038	0.150	0.030	0.120	3.88	-0.00	16.48	
	2602.60	3480.	3480.	3480.	47.	52.	115.38	10871.

*SECNO 25.310

**** GR CARDS REPEATED

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.31	22835.	271.	21112.	1452.	9.04	2	99.	
2633.82	2633.82	131.	842.	332.	-0.06	5	2623.60	
23.62	0.0	2.07	25.07	4.38	4.93	2642.87	2612.70	
0.005482	0.037	0.150	0.030	0.120	0.01	-0.00	16.45	
	2610.20	895.	895.	895.	47.	52.	115.40	10898.

*SECNO 25.340

**** GR CARDS REPEATED

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.34	22825.	270.	21105.	1451.	9.05	20	99.	
2643.61	2643.61	130.	842.	331.	0.00	5	2633.40	
23.61	0.0	2.07	25.08	4.38	0.88	2652.66	2622.50	
0.005488	0.037	0.150	0.030	0.120	0.00	-0.00	16.48	
	2620.00	160.	160.	160.	47.	52.	115.38	10903.

23.61	0.0	2.07	0.030	0.120	0.00	-0.00	16.48	
0.005488	0.037	0.150	0.030	0.120	0.00	-0.00	16.48	
	2620.00	160.	160.	160.	47.	52.	115.38	10903.

*SECNO 26.050

3301 HV CHANGED MORE THAN HVINS

26.05	22565.	1318.	18849.	2398.	1.00	4	499.	
2658.43	0.0	1188.	2152.	1668.	-8.05	0	2646.40	
18.73	0.0	1.11	8.76	1.44	5.97	2659.43	2643.90	
0.000733	0.037	0.150	0.030	0.120	0.80	-0.00	18.97	
	2639.70	3775.	3775.	3775.	217.	282.	518.32	11176.

*SECNO 26.050

26.05	22565.	3082.	17848.	1635.	0.66	2	502.	
2659.85	0.0	1249.	2457.	865.	-0.34	0	2646.40	
14.43	0.0	2.47	7.26	1.89	0.03	2659.50	2650.30	
0.000750	0.037	0.070	0.030	0.070	0.03	-0.00	16.90	
	2644.40	40.	40.	40.	254.	249.	519.34	11181.

*SECNO 26.050

*** GR CARDS REPEATED

26.05	22565.	3083.	17845.	1637.	0.66	0	503.	
2658.84	0.0	1251.	2459.	866.	-0.00	0	2646.40	
14.44	0.0	2.46	7.26	1.89	0.01	2659.51	2650.30	
0.000748	0.037	0.070	0.030	0.070	0.00	-0.00	16.85	
	2644.40	15.	15.	15.	254.	249.	519.36	11182.

*SECNO 26.050

26.05	22565.	1718.	17414.	3433.	0.76	2	502.	
2658.80	0.0	1244.	2199.	1748.	0.10	0	2646.40	
19.10	0.0	1.38	7.92	1.96	0.01	2659.56	2643.90	
0.000582	0.037	0.110	0.030	0.080	0.05	-0.00	17.07	
	2639.70	10.	10.	10.	219.	283.	519.25	11183.

*SECNO 26.370

3265 DIVIDED FLOW

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	INIRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
26.37	22450.	4645.	17577.	228.	0.75	2	889.	
2660.20	0.0	3259.	2243.	286.	-0.01	0	2653.80	
11.90	0.0	1.43	7.84	0.80	1.39	2660.96	2657.70	
0.001302	0.037	0.150	0.030	0.090	0.00	-0.00	43.07	
	2648.30	1665.	1665.	1665.	551.	462.	1056.19	11393.

CCHV= 0.100 CEHV= 0.800
*SECNO 26.970

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
		26.97	22230.	3823.	17436.	472.	4.00	20	369.	
		2679.05	2679.05	1152.	1008.	180.	3.25	11	2665.70	
		16.75	0.0	3.32	17.80	2.62	8.71	2683.05	2666.30	
		0.008070	0.037	0.120	0.045	0.140	2.60	-0.00	6.32	
			2662.30	3300.	3300.	3300.	278.	91.	374.93	11701.

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

CCHV= 0.300 CEHV= 0.800
*SECNO 27.480
3280 CROSS SECTION 27.48 EXTENDED 0.54 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

		27.48	22045.	7615.	12816.	1614.	0.34	4	579.	
		2701.44	0.0	2276.	2353.	498.	-3.66	0	2692.20	
		24.44	0.0	3.35	5.45	3.24	17.62	2701.78	2692.60	
		0.005685	0.038	0.120	0.055	0.140	1.10	-784.03	0.0	
			2677.00	2620.	2620.	2620.	437.	142.	579.42	11926.

CCHV= 0.100 CEHV= 0.500
*SECNO 27.480

**** GR CARDS REPEATED
3280 CROSS SECTION 27.48 EXTENDED 0.63 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

		27.48	22045.	7292.	12959.	1794.	0.34	2	580.	
		2701.53	0.0	2310.	2368.	503.	0.00	0	2692.20	
		24.53	0.0	3.16	5.47	3.56	0.10	2701.87	2692.60	
		0.001693	0.038	0.070	0.030	0.070	0.00	-784.03	0.0	
			2677.00	34.	34.	34.	437.	143.	579.57	11930.

*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

		28.18	21790.	3562.	18214.	14.	2.29	3	362.	
		2712.58	0.0	970.	1381.	9.	1.95	0	2706.10	
		9.88	0.0	3.67	13.19	1.63	12.02	2714.87	2709.00	
		0.003844	0.038	0.120	0.040	0.110	0.98	-0.00	173.20	

3685 3685 266. 96. 534.97 12249.

28.18	21790.	3562.	18214.	14.	2.29	3	362.
2712.58	0.0	970.	1381.	9.	1.95	0	2706.10
9.88	0.0	3.67	13.19	1.63	12.02	2714.87	2709.00
0.008844	0.038	0.120	0.040	0.110	0.98	-0.00	173.20

B08

2702.10. 3685. 3685. 3685. 266. 96. 534.97 12249.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.500
CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	LINDST	VOL
28.50	21670.	2201.	19399.	70.	2.74	8	510.	
2725.32	2723.65	1105.	384.	69.	0.44	14	2720.40	
19.82	0.0	1.99	14.01	1.01	12.83	2728.05	2722.90	
0.006963	0.038	0.150	0.050	0.150	0.36	-0.00	8.23	
	2705.50	1240.	1640.	1640.	382.	127.	517.93	12341.

CCHV= 0.100 CEHV= 0.800
*SECNO 28.810

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	21560.	6981.	14323.	256.	1.25	4	523.	
2736.44	0.0	1454.	1366.	103.	-1.48	0	2732.50	
21.14	0.0	4.80	10.48	2.48	9.48	2737.69	2736.10	
0.018368	0.038	0.120	0.040	0.110	0.35	-553.72	5.64	
	2715.30	890.	890.	890.	387.	135.	528.37	12397.

*SECNO 28.810

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	21560.	8825.	12275.	459.	0.78	2	526.	
2737.28	0.0	1728.	1482.	162.	-0.48	0	2732.50	
21.98	0.0	5.11	8.28	2.84	0.32	2738.06	2736.10	
0.005784	0.038	0.070	0.030	0.070	0.05	-558.72	4.08	
	2715.30	34.	34.	34.	389.	138.	530.53	12400.

*SECNO 28.970

3301 HV CHANGED MORE THAN HVINS

28.97	21500.	307.	19284.	1909.	3.31	4	191.	
2741.77	0.0	201.	1253.	741.	2.54	0	2724.30	
23.37	0.0	1.53	15.39	2.58	5.00	2745.08	2725.10	
0.001788	0.038	0.150	0.030	0.110	2.03	-0.00	14.01	
	2718.40	1690.	1690.	1690.	53.	137.	204.85	12508.

CCHV= 0.100 CEHV= 0.800
*SECNO 29.890

C08

100 YEAR FLOOD 02/14/81

CCHV= 0.100 CEHV= 0.800
*SECNO 29.890

C08

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
29.89	21165.	700.	20465.	1.	3.29	3	372.	
2760.76	2760.76	380.	1384.	1.	-0.02	14	2759.30	
10.36	0.0	1.84	14.79	0.86	18.27	2764.05	2760.00	
0.013378	0.038	0.150	0.045	0.100	0.00	-0.00	64.64	
	2750.40	4800.	4800.	4800.	291.	91.	436.80	12726.

*SECNO 30.600

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
30.60	20905.	1.	20187.	717.	1.95	6	527.	
2788.70	0.0	5.	1771.	487.	-1.34	0	2791.50	
9.40	0.0	0.27	11.40	1.47	26.47	2790.65	2790.30	
0.004221	0.038	0.120	0.030	0.110	0.13	-0.00	78.42	
	2779.30	3810.	3810.	3810.	300.	621.	999.04	12902.

*SECNO 30.920

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
30.92	20785.	173.	20330.	282.	4.25	2	299.	
2804.30	2804.30	140.	1216.	107.	2.30	11	2803.30	
12.30	0.0	1.23	16.72	2.63	11.34	2808.55	2798.00	
0.014353	0.038	0.150	0.050	0.150	1.84	-0.00	110.29	
	2792.00	1600.	1600.	1600.	260.	91.	460.88	12970.

D08

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240

2792.00 1600. 1000. 1000.

DD8

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	20670.	7040.	11095.	2535.	0.37	4	604.	
2822.54	0.0	1900.	1918.	883.	-3.88	0	2823.00	
22.34	0.0	3.70	5.79	2.87	13.97	2822.91	2820.50	
0.005681	0.038	0.120	0.045	0.120	0.39	-609.21	22.02	
	2800.20	1630.	1630.	1630.	358.	249.	629.37	13086.

CCHV= 0.100 CEHV= 0.500
*SECNO 31.240

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	20670.	7633.	10256.	2780.	0.32	2	607.	
2822.70	0.0	1944.	1939.	910.	-0.04	0	2823.00	
22.50	0.0	3.93	5.29	3.05	0.11	2823.03	2820.50	
0.002131	0.038	0.070	0.030	0.070	0.00	-613.05	20.59	
	2800.20	34.	34.	34.	359.	251.	631.06	13089.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.710

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

31.71	20500.	36.	17818.	2646.	2.78	2	553.	
2832.12	2832.12	23.	1245.	959.	2.46	11	2827.70	
13.62	0.0	1.54	14.31	2.76	9.80	2834.90	2830.00	
0.009383	0.038	0.150	0.045	0.100	1.96	-0.00	47.44	
	2818.50	2515.	2515.	2515.	75.	479.	600.54	13292.

*SECNO 32.360

3265 DIVIDED FLOW

EQ8

3301 HV CHANGED MORE THAN HVINS

3265 DIVIDED FLOW

E08

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
32.36	17160.	52.	13132.	3976.	2.23	2	726.	
2864.58	2864.58	26.	962.	1635.	-0.55	19	2857.20	
10.08	0.0	2.02	13.64	2.43	31.81	2866.81	2858.20	
0.009033	0.038	0.130	0.045	0.125	0.05	-0.00	68.06	
	2854.50	3450.	3450.	3450.	59.	696.	823.75	13484.

*SECNO 32.770

3301 HV CHANGED MORE THAN HVINS

32.77	16760.	58.	7476.	9226.	0.63	5	796.	
2881.06	0.0	41.	703.	3218.	-1.38	0	2875.00	
12.75	0.0	1.40	10.63	2.87	14.96	2881.91	2875.50	
0.005147	0.038	0.150	0.045	0.110	0.14	-0.00	21.40	
	2868.30	2230.	2230.	2230.	50.	747.	817.61	13653.

*SECNO 33.580

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2932.300 EGLC= 2933.408
EGC= 2933.505 WSEL= 2931.190

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 2932.300 EGLC= 2933.408
EGC= 2933.412 WSEL= 2932.297

3265 DIVIDED FLOW

CANE RIVER			100 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

33.58	15970.	0.	10960.	5009.	1.11	13	635.	
2932.30	2932.30	0.	1097.	1664.	0.25	23	2932.30	
14.30	0.0	0.0	9.99	3.01	34.43	2933.41	2934.70	
0.013627	0.039	0.110	0.045	0.130	0.20	-5.05	112.00	
	2918.00	4410.	4410.	4410.	52.	686.	850.00	13993.

*SECNO 33.580

F08

**** GR CARDS REPEATED

*SECNO 33.580

FD8

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

33.58	15970.	3.	9148.	6819.	0.70	2	683.	
2932.89	0.0	5.	1097.	1993.	-0.41	0	2932.30	
14.89	0.0	0.62	8.34	3.42	0.14	2933.59	2934.70	
0.004219	0.039	0.070	0.030	0.070	0.04	-66.61	95.14	
	2918.00	20.	20.	20.	69.	686.	850.00	13994.

*SECNO 33.800

**** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

33.80	15755.	0.	12438.	3317.	1.90	3	588.	
2940.12	2940.12	0.	1007.	1159.	1.20	10	2941.10	
13.32	0.0	0.0	12.35	2.86	5.42	2942.02	2943.50	
0.005214	0.038	0.070	0.030	0.070	0.96	-0.00	112.48	
	2926.80	1160.	1160.	1160.	52.	686.	850.00	14064.

*SECNO 34.530

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 100 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

34.53	15040.	2065.	12975.	0.	3.26	15	356.	
2977.50	2977.50	1067.	833.	0.	1.36	15	2973.20	
10.80	0.0	1.93	15.58	0.0	20.66	2980.76	2978.50	
0.005717	0.038	0.150	0.030	0.130	1.09	-0.00	37.21	
	2966.70	3790.	3790.	3790.	310.	46.	393.07	14241.

GD8

THIS RUN EXECUTED 02/14/81 9:53:27

GD8

THIS RUN EXECUTED 02/14/81 9:53:27

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

T1 YANCEY COUNTY NC FEMA STUDY 3465
T2 500 YEAR FLOOD 3470
T3 CANE RIVER 3475

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	5.	0.	0.	0.00379	0.	0.0	0.	0.0	0.0	3480

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	3485

HD8

*PROF 4

*SECNO 16.
5280 CROSS

3301 HV CH

16.97
2475.38
33.48
0.001810

*SECNO 17

3301 HV C

CANE
MILE
ELEV
DEPTH
SLOPE

17.4
2482.3
28.4
0.0101

*SECNO 1
17.7
2484.1
27.3
0.0014

*SECNO
18.
2487.
26.
0.0013

*SECNO

3301 HV

18.
2489.
28.
0.000

*SECNO

3370 NC

*PROF 4

CCHV= 0.100 CEHV= 0.500
*SECNO .020
2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED
3280 CROSS SECTION 0.02 EXTENDED 0.33 FEET

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.02	81555.	20783.	60242.	530.	6.16	0	497.	
2047.83	2046.99	3380.	2632.	200.	0.50	14	2030.90	
24.93	0.0	6.15	22.89	2.65	0.0	2053.99	2032.50	
0.003775	0.0	0.080	0.030	0.080	0.0	-0.00	2.71	
	2022.90	0.	0.	0.	359.	139.	500.00	0.

CCHV= 0.100 CEHV= 0.800
*SECNO .270
3280 CROSS SECTION 0.27 EXTENDED 1.86 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	81520.	2253.	78757.	509.	6.30	3	272.	
2057.36	0.0	271.	3854.	109.	0.14	0	2050.00	
30.36	0.0	8.33	20.44	4.69	9.56	2063.65	2053.90	
0.015896	0.030	0.080	0.030	0.080	0.11	-534.54	27.00	
	2027.00	1400.	1400.	1400.	136.	136.	298.56	168.

CCHV= 0.100 CEHV= 0.500
*SECNO .270

**** GR CARDS REPEATED
3280 CROSS SECTION 0.27 EXTENDED 3.76 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2050.00 MAX ELLC= 2051.10

0.27	81520.	3197.	77158.	1165.	4.98	4	277.	
2059.26	0.0	346.	4217.	191.	-1.32	0	2050.00	
32.26	0.0	9.23	18.30	6.11	0.45	2064.24	2053.90	
0.011306	0.030	0.070	0.030	0.070	0.13	-534.54	27.00	
	2027.00	34.	34.	34.	136.	141.	303.84	171.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

3280 CROSS SECTION 0.97 EXTENDED 4.20 FEET

292.

CCHV= 0.100 CEHV= 0.800
*SECNO .970

2499.12

3280 CROSS SECTION 0.97 EXTENDED 4.20 FEET

0.97	81425.	15754.	62654.	3017.	4.57	6	292.	
2072.20	0.0	2595.	3248.	590.	-0.41	0	2046.90	
34.40	0.0	6.07	19.29	5.11	12.50	2076.77	2054.10	
0.001675	0.030	0.070	0.030	0.070	0.04	-0.00	0.0	
	2037.80	3575.	3575.	3575.	193.	95.	292.29	630.

CCHV= 0.100 CEHV= 0.500
*SECNO 1.550
CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.55	81340.	9451.	70336.	1553.	4.68	4	366.	
2076.92	0.0	2107.	3784.	475.	0.11	0	2058.00	
27.92	0.0	4.48	18.59	3.27	4.77	2081.59	2060.80	
0.001357	0.028	0.080	0.025	0.070	0.05	-0.00	3.39	
	2049.00	3170.	3170.	3170.	207.	159.	369.65	1096.

*SECNO 2.000

3301 HV CHANGED MORE THAN HVINS

2.00	81280.	7582.	55281.	18417.	2.05	3	676.	
2083.57	0.0	1878.	4072.	3912.	-2.63	0	2065.80	
26.57	0.0	4.04	13.57	4.71	3.76	2085.62	2066.90	
0.001918	0.031	0.100	0.040	0.080	0.26	-0.00	-2.51	
	2057.00	2350.	2350.	2350.	212.	464.	673.75	1534.

CCHV= 0.100 CEHV= 0.800
*SECNO 2.750
3280 CROSS SECTION 2.75 EXTENDED 2.36 FEET

3301 HV CHANGED MORE THAN HVINS

2.75	81170.	1104.	77297.	2770.	5.99	3	245.	
2096.86	0.0	264.	3846.	507.	3.94	0	2079.70	
28.96	0.0	4.19	20.10	5.47	14.08	2102.85	2079.30	
0.008460	0.037	0.130	0.055	0.110	3.16	-0.00	0.0	
	2067.90	4000.	4000.	4000.	109.	136.	245.06	2199.

CCHV= 0.100 CEHV= 0.500
*SECNO 3.520
3280 CROSS SECTION 3.52 EXTENDED 16.47 FEET

3301 HV CHANGED MORE THAN HVINS

18.02
0.004586

CCHV= 0.10
*SECNO 20.25
3280 CROSS S

CANE RIV
MILE
ELEV
DEPTH
SLOPE

20.25
2512.16
26.16
0.005789

CCHV= 0.1
*SECNO 20.9
3280 CROSS

3301 HV CHA

20.96
2523.95
21.85
0.000772

CCHV= 0.
*SECNO 21.

3301 HV CH

CANE R
MILE
ELEV
DEPTH
SLOPE

7185 MINI
3720 CRIT
21.30
2530.33
20.83
0.013472

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

		5+300	20690.	1.23	5	415.		

*SECNO 21.5
3280 CROSS

3301 HV CHANGED MORE THAN HVINS

J08

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	81065.	4175.	56200.	20690.	1.23	5	415.	
2128.17	0.0	871.	5693.	3189.	-4.76	0	2110.50	
40.77	0.0	4.80	9.87	6.49	26.08	2129.41	2110.00	
0.004955	0.039	0.120	0.045	0.100	0.48	-206.71	0.0	
	2087.40	4100.	4100.	4100.	131.	285.	415.00	2875.

*SECNO 3.520

**** GR CARDS REPEATED
3280 CROSS SECTION 3.52 EXTENDED 16.55 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2111.40 MAX ELLC= 2110.50

3.52	81065.	4804.	56400.	19861.	1.23	2	415.	
2128.25	0.0	875.	5705.	3205.	-0.00	0	2110.50	
40.85	0.0	5.49	9.89	6.20	0.07	2129.48	2110.00	
0.002202	0.039	0.070	0.030	0.070	0.00	-206.71	0.0	
	2087.40	23.	23.	23.	131.	285.	415.00	2880.

*SECNO 4.220
3280 CROSS SECTION 4.22 EXTENDED 2.70 FEET

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
4.22	78600.	8724.	61739.	8137.	1.64	4	915.	
2132.70	0.0	3159.	5364.	3987.	0.41	0	2115.00	
28.80	0.0	2.76	11.51	2.04	4.65	2134.33	2116.00	
0.000814	0.038	0.090	0.030	0.090	0.20	-0.00	0.0	
	2103.90	3665.	3665.	3665.	341.	575.	915.00	3818.

*SECNO 5.000

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

5.00	78600.	1265.	76016.	1318.	7.03	20	423.
2142.90	2142.90	394.	3514.	401.	5.40	15	2137.70

K08

24.09	0.0	3.21	21.63	3.29	7.20	2149.93	2140.10	
0.006228	0.036	0.090	0.030	0.090	2.70	-0.00	2.02	
	2118.80	4100.	4100.	4100.	209.	213.	424.74	4609.

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

5.00	78600.	1265.	76016.	1318.	7.03	20	423.
2142.90	2142.90	394.	3514.	401.	5.40	15	2137.70

24.09	0.0	3.21	21.63	3.29	7.20	2149.93	2140.10	
0.006228	0.036	0.090	0.030	0.090	2.70	-0.00	2.02	
	2118.80	4100.	4100.	4100.	209.	214.	424.74	4609.

*SECNO 5.140
3280 CROSS SECTION 5.14 EXTENDED 6.26 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	48125.	5410.	36403.	6312.	1.01	3	511.	
2152.76	0.0	1155.	4076.	1484.	-6.02	0	2140.70	
30.96	0.0	4.68	8.93	4.25	3.24	2153.77	2143.10	
0.002826	0.036	0.080	0.030	0.080	0.60	-809.93	0.0	
	2121.80	730.	730.	730.	211.	300.	510.69	4702.

*SECNO 5.140

*** GR CARDS REPEATED
3280 CROSS SECTION 5.14 EXTENDED 6.37 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2143.10 MAX ELLC= 2139.40

5.14	48125.	5442.	36314.	6369.	0.99	3	512.	
2152.87	0.0	1167.	4098.	1506.	-0.02	0	2140.70	
31.07	0.0	4.66	8.86	4.23	0.09	2153.86	2143.10	
0.002762	0.036	0.080	0.030	0.080	0.00	-809.93	0.0	
	2121.80	31.	31.	31.	211.	301.	511.93	4707.

*SECNO 5.980

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLCB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WIN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

5.98	77690.	1280.	75753.	657.	10.01	3	235.	
2174.10	2174.10	456.	2947.	223.	9.01	11	2159.20	
29.20	0.0	2.81	25.71	2.95	17.40	2184.10	2166.00	
0.004781	0.035	0.150	0.030	0.120	4.51	-0.00	4.91	
	2144.90	4570.	4570.	4570.	133.	103.	240.20	5252.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.600

*SECNO 21.520
3280 CROSS SE

3301 HV CHANGED

21.52 54
2542.33
32.33
0.000652
25

CCHV= 0.100
*SECNO 22.050

3301 HV CHANGE

22.05 5
2544.94
24.94
0.002962
25

CCHV= 0.100
*SECNO 22.850
22.85
2559.36
20.36
0.004178
2

*SECNO 22.850

3301 HV CHANG

CANE RIVE
MILE
ELEV
DEPTH
SLOPE

7185 MINIMUM
3720 CRITICA
22.85
2559.37
20.37
0.005540

SPECIAL BRID

SB HK
1.25
ELCHO
2540.00

*SECNO 22.8

0.004781	0.035	0.150	0.050	0.130				
	2144.90	4570.	4570.	4570.	133.	103.	240.20	5252.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.600

L08

3280 CROSS SECTION 6.60 EXTENDED 1.43 FEET

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
6.60	77370.	1545.	74794.	1031.	5.00	3	316.	
2195.63	0.0	542.	4098.	393.	-5.00	0	2183.60	
31.43	0.0	2.85	18.25	2.62	16.03	2200.64	2183.50	
0.005430	0.037	0.150	0.050	0.130	0.50	-0.00	0.0	
	2164.20	3150.	3150.	3150.	154.	162.	316.40	5565.

CCHV= 0.100 CEHV= 0.800
*SECNO 6.930

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	77195.	5324.	58163.	13709.	1.91	2	514.	
2209.68	0.0	1118.	4670.	2776.	-3.10	0	2194.50	
35.68	0.0	4.76	12.46	4.94	10.64	2211.59	2193.60	
0.007299	0.037	0.150	0.040	0.130	0.31	-765.42	0.0	
	2174.00	1700.	1700.	1700.	153.	361.	513.90	5830.

CCHV= 0.100 CEHV= 0.500
*SECNO 6.930

**** GR CARDS REPEATED
3280 CROSS SECTION 6.93 EXTENDED 0.29 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2193.60 MAX ELLC= 2190.00

6.93	77195.	7240.	53358.	16598.	1.50	2	518.	
2210.29	0.0	1156.	4777.	2941.	-0.40	0	2194.50	
36.29	0.0	6.26	11.17	5.64	0.17	2211.79	2193.60	
0.004361	0.037	0.090	0.035	0.090	0.04	-765.42	0.0	
	2174.00	30.	30.	30.	153.	365.	518.00	5836.

*SECNO 7.380
3280 CROSS SECTION 7.38 EXTENDED 3.29 FEET

3301 HV CHANGED MORE THAN HVINS

7.38	76965.	964.	70575.	5426.	4.57	3	262.

M08

0 2194.50

ELCHU
2540.00 2

*SECNO 22.850

**** GR CARDS RE

3301 HV CHANGED

CANE RIVER
MILE Q
ELEV C
DEPTH W
SLOPE W
E

PRESSURE AND W

EGPRS
********** 25

ELTRD
2341.30

22.85
2585.69
46.69
0.000244
2

*SECNO 22.850

3301 HV CHANG

22.85
2585.32
41.62
0.000527
2

*SECNO 23.35

3301 HV CHAN

23.35
2585.88
29.38
0.001996

CCHV= 0.1
*SECNO 24.14

3301 HV CHAN

24.14
2601.92
27.42
0.011144

3301 HV CHANGED MORE THAN HVINS

7.38 76965. 964. 70575. 5426. 4.57 3 262.

M08

2214.78 0.0 423. 3946. 1365. 3.07 0 2194.50
28.18 0.0 2.28 17.88 3.98 6.02 2219.35 2192.00
0.001659 0.036 0.150 0.030 0.100 1.53 -0.00 0.0
2186.60 2370. 2370. 2370. 104. 159. 262.00 6234.

CCHV= 0.100 CEHV= 0.800
*SECNO 8.240

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
8.24 76520. 954. 75062. 504. 8.85 3 251.
2233.00 2233.00 269. 3114. 132. 4.28 15 2221.50
22.10 0.0 3.55 24.10 3.82 15.66 2241.85 2221.50
0.012980 0.038 0.150 0.050 0.120 3.42 -0.00 18.29
2210.90 4360. 4360. 4360. 127. 124. 269.15 6697.

*SECNO 9.310
3280 CROSS SECTION 9.31 EXTENDED 4.90 FEET

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

9.31 75965. 695. 69294. 5976. 4.77 3 260.
2276.39 0.0 238. 3791. 1054. -4.08 0 2263.00
32.79 0.0 2.92 18.28 5.67 38.91 2281.17 2263.00
0.004210 0.039 0.125 0.045 0.090 0.41 -0.00 -20.00
2243.60 5680. 5680. 5680. 99. 162. 240.00 7257.

*SECNO 9.980
3280 CROSS SECTION 9.98 EXTENDED 2.20 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98 71080. 5819. 57326. 7935. 2.60 3 294.
2302.20 0.0 800. 4106. 1064. -2.17 0 2286.60

27.42
0.011144

CCHV= 0.100
*SECNO 24.480

3301 HV CHANG

24.48
2611.14
21.54
0.001278

*SECNO 24.48
CANE RIV
MILE
ELEV
DEPTH
SLOPE

3370 NORMAL

24.48
2610.92
21.62
0.007381

*SECNO 24.4

**** GR CARD

3370 NORMAL

24.48
2611.05
21.75
0.007181

*SECNO 24.

3301 HV CH

24.48
2611.70
22.10
0.001142

*SECNO 25.

3301 HV CH

CANE R

36.20	0.0	7.27	13.96	7.46	23.42	2304.81	2284.60	
0.012162	0.039	0.130	0.045	0.130	0.22	-756.57	0.0	
	2266.00	3570.	3570.	3570.	138.	157.	294.00	7710.

CCHV= 0.100 CEHV= 0.500
*SECNO 9.980

**** GR CARDS REPEATED
3280 CROSS SECTION 9.98 EXTENDED 2.84 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2285.80 MAX ELLC= 2283.00

9.98	71080.	7062.	54440.	9577.	2.25	2	294.	
2302.84	0.0	836.	4209.	1113.	-0.35	0	2286.60	
36.84	0.0	8.44	12.94	8.61	0.25	2305.09	2284.60	
0.004491	0.039	0.070	0.030	0.070	0.03	-756.57	0.0	
	2266.00	36.	36.	36.	138.	157.	294.00	7715.

CCHV= 0.100 CEHV= 0.800
*SECNO 11.230
3280 CROSS SECTION 11.23 EXTENDED 1.37 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	70420.	9798.	58647.	1975.	3.15	3	278.	
2353.36	0.0	1057.	3883.	344.	0.90	0	2335.80	
38.86	0.0	9.27	15.11	5.74	50.70	2356.51	2339.50	
0.017191	0.040	0.110	0.050	0.150	0.72	-761.28	40.00	
	2314.50	6465.	6465.	6465.	168.	111.	318.00	8564.

*SECNO 11.230

**** GR CARDS REPEATED
3280 CROSS SECTION 11.23 EXTENDED 1.91 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2337.00 MAX ELLC= 2335.30

11.23	70420.	9528.	58238.	2654.	2.96	2	278.	
2353.91	0.0	1108.	3961.	364.	-0.19	0	2335.80	
39.41	0.0	8.60	14.70	7.28	0.34	2356.87	2339.50	
0.005709	0.040	0.070	0.030	0.070	0.02	-761.28	40.00	
	2314.50	37.	37.	37.	168.	111.	318.00	8569.

*SECNO 12.000

**** GR CARDS REPEATED

MILE
ELEV
DEPTH
SLOPE

3685 20 TRI
3693 PROBAB
3720 CRITIC
25.14
2636.74
34.14
0.004219

*SECNO 25.

**** GR CAR
CANE R
MILE
ELEV
DEPTH
SLOPE

3685 20 TF
3693 PROB/
3720 CRIT]
25.31
2644.37
34.17
0.004179

*SECNO 25

**** GR CA
CANE
MILE
ELEV
DEPTH
SLOPE

3685 20
3693 PRO
3720 CRI
25.3
2654.1
34.1
0.00418

*SECNO 2
3280 CRO

*SECNO 12.000

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
12.00	70015.	1641.	68121.	253.	6.35	5	225.	
2374.78	0.0	329.	3326.	71.	3.38	0	2386.30	
29.78	0.0	4.99	20.48	3.57	21.55	2381.13	2370.00	
0.004852	0.040	0.070	0.030	0.070	2.71	-0.00	15.69	
	2345.00	4100.	4100.	4100.	132.	93.	200.28	9000.

CCHV= 0.100 CEHV= 0.800
*SECNO 12.260
3280 CROSS SECTION 12.26 EXTENDED 7.35 FEET

3301 HV CHANGED MORE THAN HVINS

12.26	69875.	755.	68497.	623.	2.62	2	233.	
2381.85	0.0	427.	5218.	362.	-3.72	0	2361.00	
34.35	0.0	1.77	13.13	1.72	2.98	2384.48	2361.00	
0.001027	0.039	0.150	0.035	0.120	0.37	-0.00	0.0	
	2347.50	1545.	1545.	1545.	114.	119.	233.00	9172.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

12.75	69620.	353.	64655.	4612.	9.03	3	231.	
2387.02	2387.02	111.	2589.	737.	6.41	19	2374.50	
24.01	0.0	3.19	24.97	6.26	6.38	2396.06	2370.50	
0.012613	0.040	0.150	0.050	0.130	5.13	-0.00	6.66	
	2363.00	2370.	2570.	2570.	95.	136.	237.22	9451.

*SECNO 12.750

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY

	ELMIN	XLOBL	XLCH	XLOBR				

7185 MINIMUM SPECIFIC ENERGY

CD9

3720 CRITICAL DEPTH ASSUMED

12.75	69620.	835.	61275.	7510.	9.06	2	236.	
2389.36	2389.36	193.	2391.	1094.	0.03	8	2374.50	
26.36	0.0	4.33	25.63	6.86	0.66	2398.42	2367.30	
0.004050	0.040	0.070	0.030	0.070	0.02	-0.00	3.12	
	2363.00	100.	100.	100.	87.	150.	239.52	9459.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

12.75	69620.	4284.	43234.	22103.	3.77	6	251.	
2395.18	0.0	394.	2635.	1507.	-5.29	0	2381.70	
31.28	0.0	10.87	16.41	14.67	0.01	2398.95	2380.10	
0.013540	0.040	0.070	0.040	0.070	0.53	-246.30	-5.70	
	2363.90	1.	1.	1.	96.	155.	245.25	9459.

CCHV= 0.100 CEHV= 0.500
*SECNO 12.750

*** GR CARDS REPEATED

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2380.10 MAX ELLC= 2379.40

12.75	69620.	3603.	47312.	18405.	4.08	2	251.	
2395.36	0.0	402.	2653.	1525.	0.31	0	2381.70	
31.46	0.0	8.96	17.95	12.07	0.33	2399.44	2380.10	
0.009037	0.040	0.070	0.030	0.070	0.16	-246.30	-5.96	
	2363.90	30.	30.	30.	96.	155.	245.42	9462.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	69620.	1673.	58377.	9570.	5.23	2	250.	
2394.78	0.0	415.	2934.	1649.	1.15	0	2374.50	
31.78	0.0	4.03	19.90	5.80	0.00	2400.02	2367.30	
0.001858	0.040	0.070	0.030	0.070	0.57	-0.00	-5.10	
	2363.00	1.	1.	1.	95.	155.	244.86	9462.

*SECNO 12.750

3301 HV CHANGED MORE THAN HVINS

12.75	69620.	1097.	60953.	7570.	3.60	3	255.
2396.62	0.0	500.	3769.	1494.	-1.63	0	2374.50

D09

33.62	0.0	2.19	16.17	5.07	0.04	2400.22	2370.50
0.001155	0.040	0.110	0.030	0.070	0.16	-0.00	-7.87
		25	25	25	109.	145.	246.67 9465.

12.75	69620.	1097.	60953.	7570.	3.60	3	255.
2396.62	0.0	500.	3769.	1494.	-1.63	0	2374.50

D09

33.62	0.0	2.19	16.17	5.07	0.04	2400.22	2370.50
0.001155	0.040	0.110	0.030	0.070	0.16	-0.00	-7.87
	2363.00	25.	25.	25.	109.	145.	246.67 9465.

CCHV= 0.100 CEHV= 0.800
*SECNO 13.440

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	69255.	0.	68717.	538.	6.09	3	216.
2408.07	0.0	0.	3457.	88.	2.49	0	2418.20
28.97	0.0	0.0	19.88	6.10	11.95	2414.16	2401.60
0.032373	0.040	0.130	0.045	0.130	1.99	-664.83	204.24
	2379.10	3670.	3670.	3670.	93.	125.	422.99 9858.

CCHV= 0.100 CEHV= 0.500
*SECNO 13.440

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2405.00 MAX ELLC= 2411.00

13.44	69255.	0.	67899.	1356.	5.46	2	224.
2409.75	0.0	0.	3598.	121.	-0.63	0	2418.20
30.65	0.0	0.0	18.87	11.24	0.99	2415.21	2401.60
0.024870	0.040	0.070	0.040	0.070	0.06	-860.84	201.67
	2379.10	35.	35.	35.	96.	128.	425.30 9861.

CCHV= 0.100 CEHV= 0.800
*SECNO 14.130
3840 SECTION NOT HIGH ENOUGH 2411.20 2474.20 2393.90 2474.20 2409.01 2

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDI	WSDR	ENDST VOL
14.13	68890.	1357.	64979.	2554.	3.63	5	210.
2430.35	2418.23	509.	4133.	852.	-1.83	15	2402.10
35.45	0.0	2.67	15.72	3.00	18.58	2433.97	2405.30
0.002199	0.040	0.140	0.045	0.150	0.18	-0.00	0.0
	2393.90	3545.	3545.	3545.	93.	118.	210.00 10235.

E09

*SECNO 14.730
3280 CROSS SECTION 14.73 EXTENDED 0.68 FEET

0.002777 2393.90 3545. 3545. 3542. 70. ...

E09

*SECNO 14.730
3280 CROSS SECTION 14.73 EXTENDED 0.68 FEET

3301 HV CHANGED MORE THAN HVINS

14.73	68575.	1171.	65014.	2390.	4.20	2	235.	
2435.68	0.0	386.	3852.	1038.	0.57	0	2411.50	
30.48	0.0	3.03	16.88	2.30	5.45	2439.88	2414.20	
0.001356	0.040	0.120	0.030	0.150	0.46	-0.00	1.99	
	2405.20	3200.	3200.	3200.	93.	143.	237.00	10631.

*SECNO 14.730
3280 CROSS SECTIO 14.73 EXTENDED 1.28 FEET

14.73	68575.	383.	60663.	7530.	3.76	2	236.	
2436.28	0.0	127.	3710.	1083.	-0.44	0	2411.90	
26.48	0.0	3.01	16.35	6.95	0.11	2440.03	2414.20	
0.002603	0.040	0.070	0.040	0.070	0.04	-0.00	1.47	
	2409.80	60.	60.	60.	88.	148.	237.00	10638.

*SECNO 14.730

**** GR CARDS REPEATED
3280 CROSS SECTION 14.73 EXTENDED 1.34 FEET

14.73	68575.	384.	60650.	7541.	3.74	2	236.	
2436.34	0.0	128.	3718.	1087.	-0.02	0	2411.90	
26.54	0.0	3.01	16.31	6.94	0.04	2440.07	2414.20	
0.002584	0.040	0.070	0.040	0.070	0.00	-0.00	1.42	
	2409.80	15.	15.	15.	88.	148.	237.00	10640.

*SECNO 14.730
3280 CROSS SECTION 14.73 EXTENDED 1.24 FEET

3301 HV CHANGED MORE THAN HVINS

14.73	68575.	1676.	63816.	3084.	4.35	2	234.	
2436.24	0.0	356.	3685.	969.	0.61	0	2413.30	
29.24	0.0	4.71	17.32	3.18	0.03	2440.59	2416.00	
0.001515	0.040	0.080	0.030	0.110	0.49	-0.00	3.05	
	2407.00	15.	15.	15.	91.	143.	237.00	10541.

*SECNO 15.190

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	

F09

SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

28.97

2746.52
28.12
0.002998

CCHV= 0.1
*SECNO 29.8

3301 HV CHA

29.89
2768.32
17.92
0.003955

*SECNO 30.

3265 DIVIDI

3301 HV CH

CANE R
MILE
ELEV
DEPTH
SLOPE

7185 MINIM
3720 CRITI
30.60
2791.10
11.80
0.005111

*SECNO 30

3301 HV C

CANE
MILE
ELEV
DEPTH
SLOPE

7185 MINI
3720 CRI
30.2
2809.4
17.4
0.01067

CCHV= 0.
*SECNO 31.

CANE RIVER							
MILE	Q	QLOB	QCH	QROB	DV	IDC	BANK ELEV
ELEV	CRIWS	ALOB	ACH	AROB	DHV	EG	LEFT/RIGHT
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	

FD9

SLOPE	WTN ELMIN	XNL XLOBL	XNCH XLCH	XNR XLOBR	OLOSS WSDL	CORAR WSDR	SSTA ENDST	VOL
15.19	68330.	2506.	62366.	3458.	8.22	4	253.	
2442.90	2441.86	534.	2595.	684.	3.87	15	2424.50	
26.10	0.0	4.69	24.03	5.06	7.43	2451.12	2423.90	
0.007995	0.040	0.120	0.045	0.135	3.10	-0.00	3.73	
	2416.80	2530.	2530.	2530.	121.	132.	256.77	10898.

CCHV= 0.100 CEHV= 0.500
*SECNO 15.870
3280 CROSS SECTION 15.87 EXTENDED 2.68 FEET

3301 HV CHANGED MORE THAN HVINS

15.87	67970.	5538.	61132.	1300.	4.73	2	438.	
2458.68	0.0	2062.	3324.	713.	-3.49	0	2439.10	
30.18	0.0	2.69	18.39	1.82	11.94	2463.41	2439.50	
0.001876	0.040	0.115	0.030	0.150	0.35	-0.00	-43.00	
	2428.50	3500.	3500.	3500.	276.	162.	394.80	11296.

CCHV= 0.100 CEHV= 0.800
*SECNO 16.200
3280 CROSS SECTION 16.20 EXTENDED 2.78 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	67800.	21419.	39327.	7054.	1.24	2	600.	
2467.17	0.0	3205.	3733.	1893.	-3.49	0	2450.70	
33.37	0.0	6.68	10.54	3.13	5.25	2469.01	2451.70	
0.006221	0.040	0.100	0.040	0.150	0.35	-680.14	-100.00	
	2434.40	1680.	1680.	1680.	334.	266.	500.00	11584.

CCHV= 0.100 CEHV= 0.500
*SECNO 16.200

**** CR CARDS REPEATED
3280 CROSS SECTION 16.20 EXTENDED 3.15 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2453.20 MAX ELLC= 2452.80

16.20	67800.	21302.	35841.	10657.	1.01	2	600.	
2468.15	0.0	3300.	3792.	1962.	-0.23	0	2450.70	
33.75	0.0	6.46	9.45	5.43	0.12	2469.16	2451.70	
0.002757	0.040	0.070	0.030	0.070	0.02	-680.14	-100.00	
	2434.40	30.	30.	30.	334.	266.	500.00	11590.

GD9

*SECNO 16.970
*SRD CROSS SECTION 16.97 EXTENDED 7.38 FEET

2434.40

GO9

*SECNO 16.970
5280 CROSS SECTION 16.97 EXTENDED 7.38 FEET

3301 HV CHANGED MORE THAN HVINS

16.97	67390.	4245.	620[illegible].	1101.	5.02	4	252.	
2475.38	0.0	1352.	3316.	473.	4.01	0	2461.70	
33.48	0.0	3.14	18.71	2.33	9.24	2480.40	2453.90	
0.001810	0.039	0.110	0.030	0.150	2.00	-0.00	0.0	
	2441.90	4180.	4180.	4180.	163.	90.	252.20	12271.

*SECNO 17.460

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
17.46	67135.	1645.	38424.	27066.	1.78	2	666.	
2482.33	0.0	709.	2757.	9094.	-3.23	0	2461.40	
28.43	0.0	2.32	13.94	2.98	3.39	2484.11	2461.10	
0.001015	0.039	0.120	0.030	0.110	0.32	-0.00	9.48	
	2453.90	2550.	2550.	2550.	104.	563.	675.56	12789.

*SECNO 17.770

17.77	66970.	24570.	34162.	8238.	2.14	2	762.	
2484.14	0.0	7266.	2119.	3311.	0.35	0	2463.20	
27.34	0.0	3.38	16.12	2.49	1.99	2486.28	2464.00	
0.001460	0.039	0.120	0.030	0.130	0.18	-0.00	0.34	
	2456.80	1650.	1650.	1650.	436.	325.	761.97	13267.

*SECNO 18.270

18.27	66705.	1165.	42498.	23042.	2.03	3	849.	
2487.83	0.0	659.	2994.	8393.	-0.10	0	2476.50	
26.83	0.0	1.77	14.19	2.75	3.58	2489.87	2472.50	
0.001330	0.039	0.120	0.030	0.110	0.01	-0.00	0.90	
	2461.00	2570.	2570.	2570.	149.	700.	850.00	13997.

*SECNO 18.270

3301 HV CHANGED MORE THAN HVINS

18.27	66705.	4199.	32149.	30357.	1.02	3	850.	
2489.05	0.0	1303.	2893.	8884.	-1.02	0	2463.10	
28.05	0.0	3.22	11.11	3.42	0.10	2490.06	2472.40	
0.000750	0.039	0.070	0.030	0.070	0.10	-0.00	0.39	
	2461.00	100.	100.	100.	171.	679.	850.00	14026.

*SECNO 18.270

HD9

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

[illegible] 3 850.

32.36
2867.20

12.70
0.009500

*SECNO 32.7
3265 DIVIDE
3301 HV CH
32.77
2884.09
15.79
0.004988
*SECNO 33.
3265 DIVI
3301 HV C
CANE I
MILE
ELEV
DEPTH
SLOPE
3370 NORM
7185 MINI
3720 CRIT
33.5
2933.5
15.5
0.03374
*SECNO 3
*** GR C
3301 HV
3370 NOR
33.5
2935.4
17.4
0.0059
*SECNO 33

*SECNO 18.270

HD9

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	66705.	3681.	16988.	46036.	0.52	2	850.	
2489.60	0.0	926.	2476.	8447.	-0.50	0	2482.50	
28.10	0.0	3.98	6.86	5.45	0.00	2490.12	2482.50	
0.002048	0.039	0.070	0.030	0.070	0.05	-451.40	0.17	
	2461.50	1.	1.	1.	171.	679.	850.00	14026.

*SECNO 18.270

**** GR CARDS REPEATED

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2483.70 MAX ELLC= 2480.00

18.27	66705.	3690.	16971.	46044.	0.52	1	850.	
2489.64	0.0	929.	2480.	8467.	-0.00	0	2482.50	
28.14	0.0	3.97	6.84	5.44	0.04	2490.15	2482.50	
0.002033	0.039	0.070	0.030	0.070	0.00	-451.40	0.15	
	2461.30	19.	19.	19.	171.	679.	850.00	14032.

*SECNO 18.270

18.27	66705.	4243.	31879.	30582.	0.96	2	850.	
2489.42	0.0	1343.	2938.	9111.	0.45	0	2463.10	
28.42	0.0	3.16	10.85	3.36	0.00	2490.38	2472.40	
0.000701	0.039	0.070	0.030	0.070	0.22	-0.00	0.24	
	2461.00	1.	1.	1.	171.	679.	850.00	14032.

*SECNO 18.270

18.27	66705.	1690.	33873.	31142.	0.96	1	850.	
2489.43	0.0	795.	3203.	9416.	-0.00	0	2476.50	
28.43	0.0	2.13	10.57	3.31	0.02	2490.40	2472.50	
0.000675	0.039	0.080	0.030	0.070	0.00	-0.00	0.23	
	2461.00	25.	25.	25.	150.	700.	850.00	14040.

*SECNO 19.080

19.08	59710.	18349.	23949.	17411.	0.96	2	1267.	
2493.29	0.0	6292.	2006.	6611.	-0.00	0	2482.00	
20.39	0.0	2.93	11.94	2.63	3.85	2494.25	2481.00	
0.001321	0.038	0.100	0.030	0.100	0.00	-0.00	1539.03	
	2472.90	4275.	4275.	4275.	586.	680.	2805.93	15429.

*SECNO 19.780

3301 HV CHANGED MORE THAN HVINS

19.78	58105.	2014.	55562.	529.	5.93	5	302.
2499.12	2498.56	503.	2782.	177.	4.97	15	2487.00

I09

18.02	0.0	4.00	19.98	2.98	8.32	2505.06	2490.40
0.004586	0.038	0.090	0.030	0.120	2.49	-0.00	33.57
	[illegible]	3750.	3750.	3750.	179.	122.	335.11	16220.

19.78	58105.	2014.	22206.	564.	4.97	15	2487.00
2499.12	2498.56	503.	2782.	177.			

18.02	0.0	4.00	19.98	2.98	8.32	2505.06	2490.40
0.004586	0.038	0.090	0.030	0.120	2.49	-0.00	33.57
	2481.10	3750.	3750.	3750.	179.	122.	335.11 16220.

CCHV= 0.100 CEHV= 0.800
*SECNO 20.250
3280 CROSS SECTION 20.25 EXTENDED 1.86 FEET

CANE RIVER			500 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL
20.25	57030.	2534.	54037.	459.	6.15	3	236.
2512.16	0.0	590.	2645.	149.	0.22	0	2500.90
26.16	0.0	4.30	20.43	3.08	13.08	2518.31	2499.50
0.005789	0.038	0.100	0.040	0.120	0.17	-0.00	0.0
	2483.00	2550.	2550.	2550.	150.	86.	236.00 16421.

CCHV= 0.100 CEHV= 0.500
*SECNO 20.960
3280 CROSS SECTION 20.96 EXTENDED 0.05 FEET

3301 HV CHANGED MORE THAN HVINS

20.96	55405.	4918.	43094.	7393.	1.19	4	811.
2523.95	0.0	2629.	4368.	2925.	-4.96	0	2513.30
21.85	0.0	1.87	9.86	2.53	6.33	2525.14	2512.50
0.000772	0.038	0.090	0.030	0.090	0.50	-0.00	0.0
	2502.10	3770.	3770.	3770.	460.	352.	811.00 16996.

CCHV= 0.100 CEHV= 0.800
*SECNO 21.300

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

21.30	54630.	361.	53590.	679.	8.41	4	197.
2530.33	2530.33	110.	2281.	166.	7.22	9	2519.50
20.83	0.0	3.28	23.49	4.10	3.57	2538.75	2519.50
0.013472	0.038	0.150	0.050	0.150	5.77	-0.00	197.25
	2509.50	1790.	1790.	1790.	85.	112.	394.53 17253.

*SECNO 21.520
3280 CROSS SECTION 21.52 EXTENDED 1.01 FEET

HEC2 RELEASE
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NOTE- ASTERISI
INDICATES MES

CANE RIVER

SUMMARY PRINT

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J09

*SECNO 21.520
3280 CROSS SECTION 21.52 EXTENDED 1.01 FEET

3301 HV CHANGED MORE THAN HVINS

21.52	54125.	3092.	44031.	7003.	1.89	3	711.	
2541.51	0.0	1505.	3615.	3330.	-6.53	0	2520.00	
31.51	0.0	2.05	12.18	2.10	3.99	2543.39	2520.00	
0.001587	0.038	0.110	0.045	0.130	0.65	-0.00	0.0	
	2510.00	1130.	1130.	1130.	283.	429.	711.41	17396.

*SECNO 21.520
3280 CROSS SECTION 21.52 EXTENDED 2.11 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	54125.	6459.	27799.	19867.	0.89	3	721.	
2542.61	0.0	1221.	3249.	2985.	-1.00	0	2532.80	
33.21	0.0	5.29	8.56	6.66	0.00	2543.50	2533.80	
0.005724	0.038	0.070	0.045	0.070	0.10	-705.16	0.0	
	2509.40	1.	1.	1.	277.	445.	721.13	17396.

CCHV= 0.100 CEHV= 0.500
*SECNO 21.520

**** GR CARDS REPEATED
3280 CROSS SECTION 21.52 EXTENDED 2.32 FEET

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2534.00 MAX ELLC= 2529.30

21.52	54125.	6634.	27413.	20078.	0.85	2	723.	
2542.82	0.0	1264.	3280.	3063.	-0.04	0	2532.80	
33.42	0.0	5.25	8.36	6.55	0.17	2543.67	2533.80	
0.005393	0.038	0.070	0.045	0.070	0.00	-705.16	0.0	
	2509.40	30.	30.	30.	277.	446.	722.99	17401.

*SECNO 21.520
3280 CROSS SECTION 21.52 EXTENDED 1.83 FEET

K09

3301 HV CHANGED MORE THAN HVINS

21.52	54125.	2357.	44369.	7399.	1.82	2	719.	
				3636.	0.97	0	2520.00	

*SECNO 21.520
3280 CROSS SECTION 21.52 EXTENDED 1.83 FEET

KD9

3301 HV CHANGED MORE THAN HVINS

21.52	54125.	2357.	44369.	7399.	1.82	2	719.	
2542.33	0.0	1686.	3718.	3636.	0.97	0	2520.00	
32.33	0.0	1.40	11.93	2.04	0.00	2544.15	2520.00	
0.000652	0.038	0.110	0.030	0.090	0.49	-0.00	0.0	
	2510.00	1.	1.	1.	283.	436.	718.71	17401.

CCHV= 0.100 CEHV= 0.800
*SECNO 22.050

3301 HV CHANGED MORE THAN HVINS

22.05	52910.	1118.	48605.	3187.	6.70	3	274.	
2544.94	0.0	355.	2244.	1347.	4.88	0	2527.70	
24.94	0.0	3.15	21.66	2.37	3.58	2551.64	2526.40	
0.002962	0.038	0.130	0.030	0.150	3.90	-0.00	17.49	
	2520.00	2990.	2990.	2990.	81.	193.	291.27	17847.

CCHV= 0.100 CEHV= 0.500
*SECNO 22.850

22.85	51080.	360.	50697.	22.	6.75	3	166.	
2559.36	0.0	153.	2423.	18.	0.05	0	2550.20	
20.36	0.0	2.36	20.93	1.22	14.45	2566.11	2553.70	
0.004178	0.037	0.130	0.030	0.130	0.03	-0.00	0.85	
	2539.00	4150.	4150.	4150.	90.	75.	166.46	18158.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD D2/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
22.85	51080.	2362.	48718.	0.	8.36	3	166.	
2559.37	2559.37	544.	2052.	0.	1.61	5	2540.10	
20.37	0.0	4.34	23.74	0.0	0.48	2567.73	2565.50	
0.005540	0.037	0.130	0.030	0.130	0.81	-0.00	0.85	
	2539.00	100.	100.	100.	110.	56.	166.73	18164.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	1.00	0.01	0.10	0.0
ELCHU	ELCHD							
2540.00	2540.00							

*SECNO 22.850

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SB							
1.25	1.60	3.00	0.0	1.00			
ELCHU	ELCHD						
2540.00	2540.00						

*SECNO 22.850

L09

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
PRESSURE AND WEIR FLOW								
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
**********	2568.77	1.04	51353.	3.	0.	0.	2540.10	
ELTRD								
2541.30								
22.85	51080.	2890.	48034.	156.	1.18	2	196.	
2585.69	0.0	1795.	5346.	228.	-7.18	0	2540.10	
46.69	0.0	1.61	8.98	0.69	19.14	2586.87	2565.50	
0.000244	0.037	0.130	0.030	0.130	0.0	-0.00	0.12	
	2539.00	10.	10.	10.	111.	86.	196.54	18166.

*SECNO 22.850

3301 HV CHANGED MORE THAN HVINS

22.85	51080.	1552.	47653.	1875.	1.94	2	233.	
2585.32	0.0	858.	4119.	854.	0.76	0	2555.00	
41.62	0.0	1.81	11.57	2.20	0.01	2587.26	2557.30	
0.000527	0.037	0.120	0.030	0.100	0.38	-0.00	-33.07	
	2543.70	25.	25.	25.	118.	116.	200.14	18169.

*SECNO 23.350

3301 HV CHANGED MORE THAN HVINS

23.35	49935.	1231.	48237.	467.	5.69	2	147.	
2585.88	0.0	426.	2478.	242.	3.74	0	2561.60	
29.38	0.0	2.89	19.47	1.93	2.43	2591.57	2565.00	
0.001996	0.037	0.135	0.030	0.135	1.87	-0.00	-3.85	
	2556.50	2665.	2665.	2665.	78.	69.	143.21	18444.

CCHV= 0.100 CEHV= 0.800
*SECNO 24.140

3301 HV CHANGED MORE THAN HVINS

24.14	48130.	11832.	34952.	1346.	6.30	7	334.	
2601.92	2601.69	2042.	1496.	263.	0.61	11	2581.70	
27.42	0.0	5.79	23.37	5.12	16.16	2608.21	2581.60	
0.011144	0.038	0.130	0.055	0.130	0.49	-0.00	5.41	
	2574.50	4160.	4160.	4160.	276.	59.	339.78	18776.

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2601.92	2601.69	2042.	1496.	265.				
27.42	0.0	5.79	23.37	5.12	16.16	2608.21	2581.60	
0.011144	0.038	0.130	0.055	0.130	0.49	-0.00	5.41	
	2574.50	4160.	4160.	4160.	276.	59.	339.78	18776.

MD9

CCHV= 0.100 CEHV= 0.500
*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	44430.	387.	43815.	228.	2.53	3	252.	
2611.14	0.0	240.	3408.	214.	-3.77	0	2597.50	
21.54	0.0	1.61	12.86	1.07	5.08	2613.67	2598.70	
0.001278	0.038	0.120	0.030	0.150	0.38	-0.00	1.50	
	2589.60	1710.	1710.	1710.	123.	129.	253.18	18926.

*SECNO 24.480
CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	44430.	13082.	28179.	3169.	2.97	2	251.	
2610.92	0.0	1205.	1821.	400.	0.44	0	2595.00	
21.62	0.0	10.86	15.48	7.92	0.00	2613.89	2596.00	
0.007381	0.038	0.070	0.030	0.070	0.22	-69.23	2.14	
	2589.30	1.	1.	1.	145.	106.	252.89	18926.

*SECNO 24.480

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 2595.00 MAX ELLC= 2594.80

24.48	44430.	13095.	28133.	3201.	2.91	2	251.	
2611.05	0.0	1218.	1834.	408.	-0.06	0	2595.00	
21.75	0.0	10.75	15.34	7.85	0.07	2613.97	2596.00	
0.007181	0.038	0.070	0.030	0.070	0.01	-69.23	1.74	
	2589.30	10.	10.	10.	145.	106.	253.07	18927.

*SECNO 24.480

3301 HV CHANGED MORE THAN HVINS

24.48	44430.	545.	43411.	474.	2.33	2	254.	
2611.70	0.0	262.	3505.	238.	-0.58	0	2597.50	
22.10	0.0	2.08	12.39	1.99	0.00	2614.03	2598.70	
0.001142	0.038	0.090	0.030	0.080	0.06	-0.00	-0.20	
	2589.60	1.	1.	1.	125.	129.	253.94	18927.

*SECNO 25.140

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD 02/14/81

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MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.14	43970.	1567.	37412.	4992.	11.26	20	178.	
2636.74	2636.74	538.	1284.	1067.	8.93	14	2616.00	
34.14	0.0	2.91	29.14	4.68	6.86	2648.00	2605.10	
0.004219	0.038	0.150	0.030	0.120	4.47	-0.00	-9.86	
	2602.60	348.	348.	348.	73.	105.	165.14	19202.

*SECNO 25.310

**** GR CARDS REPEATED

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.31	43850.	1566.	37299.	4985.	11.17	20	178.	
2644.37	2644.37	539.	1285.	1070.	-0.09	5	2623.60	
34.17	0.0	2.90	29.02	4.66	3.76	2655.54	2612.70	
0.004179	0.037	0.150	0.030	0.120	0.01	-0.00	-9.93	
	2610.20	895.	895.	895.	73.	105.	163.21	19262.

*SECNO 25.340

**** GR CARDS REPEATED

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
25.34	43825.	1562.	37287.	4976.	11.18	20	178.	
2654.15	2654.15	538.	1284.	1068.	0.01	5	2633.40	
34.15	0.0	2.90	29.04	4.66	0.67	2665.33	2622.50	
0.004189	0.037	0.150	0.030	0.120	0.01	-0.00	-9.87	
	2620.00	160.	160.	160.	73.	105.	168.15	19272.

*SECNO 26.050

3280 CROSS SECTION 26.05 EXTENDED 4.03 FEET

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*SECNO 26.050
3280 CROSS SECTION 26.05 EXTENDED 4.03 FEET

B10

3301 HV CHANGED MORE THAN HVINS

26.05	43330.	4093.	32101.	7135.	0.97	2	550.	
2669.03	0.0	3058.	3508.	4104.	-10.21	0	2646.40	
29.33	0.0	1.34	9.15	1.74	3.66	2670.01	2643.90	
0.000417	0.037	0.150	0.030	0.120	1.02	-0.00	-15.00	
	2639.70	3775.	3775.	3775.	251.	299.	535.00	19860.

*SECNO 26.050
3280 CROSS SECTION 26.05 EXTENDED 4.57 FEET

26.05	43330.	7443.	30213.	5674.	0.50	2	550.	
2669.57	0.0	3159.	4573.	2599.	-0.48	0	2646.40	
25.17	0.0	2.36	6.61	2.18	0.01	2670.07	2650.30	
0.000271	0.037	0.070	0.030	0.070	0.05	-0.00	-15.00	
	2644.40	40.	40.	40.	286.	265.	535.00	19870.

*SECNO 26.050

**** GR CARDS REPEATED
3280 CROSS SECTION 26.05 EXTENDED 4.58 FEET

26.05	43330.	7444.	30212.	5674.	0.50	0	550.	
2669.58	0.0	3160.	4574.	2600.	-0.00	0	2646.40	
25.18	0.0	2.36	6.60	2.18	0.00	2670.07	2650.30	
0.000271	0.037	0.070	0.030	0.070	0.00	0.0	-15.00	
	2644.40	15.	15.	15.	286.	265.	535.00	19873.

*SECNO 26.050
3280 CROSS SECTION 26.05 EXTENDED 4.49 FEET

26.05	43330.	5052.	28611.	9667.	0.60	2	550.	
2669.49	0.0	3143.	3566.	4211.	0.19	0	2646.40	
29.79	0.0	1.61	8.02	2.30	0.00	2670.17	2643.90	
0.000313	0.037	0.110	0.030	0.080	0.09	-0.00	-15.00	
	2639.70	10.	10.	10.	251.	299.	535.00	19876.

*SECNO 26.370
CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
26.37	43105.	8883.	28002.	6221.	0.37	2	1173.	
2670.33	0.0	7874.	4664.	4689.	-0.31	0	2653.80	
22.03	0.0	1.13	6.00	1.33	0.50	2670.70	2657.70	
0.000288	0.037	0.150	0.030	0.090	0.03	-0.00	3.32	
	2648.30	1665.	1665.	1665.	591.	582.	1176.41	20414.

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0.000220	2648.30	1665.	1665.	1002.				

C10

CCHV= 0.100 CEHV= 0.800
*SECNO 26.970

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
	42685.	11744.	29196.	1745.	5.30	20	383.	
26.97	2683.67	2287.	1322.	467.	4.93	8	2665.70	
2683.67	0.0	5.14	22.09	3.73	2.70	2688.98	2666.30	
21.37	0.037	0.120	0.045	0.140	3.95	-0.00	2.12	
0.008657	2662.30	3300.	3300.	3300.	282.	102.	385.51	21220.

3685 2D TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

CCHV= 0.300 CEHV= 0.800
*SECNO 27.480
3280 CROSS SECTION 27.48 EXTENDED 5.89 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

27.48	42330.	18869.	20029.	3432.	0.45	3	585.	
2708.79	0.0	4188.	3210.	852.	-4.86	0	2692.20	
29.79	0.0	4.51	6.24	4.03	16.81	2707.24	2692.60	
0.004933	0.038	0.120	0.055	0.140	1.46	-784.03	0.0	
	2677.00	2620.	2620.	2620.	437.	148.	585.00	21591.

CCHV= 0.100 CEHV= 0.500
*SECNO 27.480

**** GR CARDS REPEATED
3280 CROSS SECTION 27.48 EXTENDED 5.97 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2694.60 MAX ELLC= 2689.70

27.48	42330.	18073.	20426.	3831.	0.45	2	585.	
2706.88	0.0	4217.	3223.	857.	0.00	0	2692.20	
29.88	0.0	4.29	5.34	4.47	0.08	2707.33	2692.60	
0.001506	0.038	0.070	0.030	0.070	0.00	-784.03	0.0	
	2677.00	34.	34.	34.	437.	148.	585.00	21598.

*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

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28.18	41840.	8376.	33375.	89.	3.38	2	495.	
			3040	36	2.92	0	2705.10	

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*SECNO 28.180

3301 HV CHANGED MORE THAN HVINS

28.18	41840.	8376.	33375.	89.	3.38	2	495.	
2716.20	0.0	1902.	2040.	36.	2.92	0	2705.10	
13.50	0.0	4.40	16.36	2.48	10.78	2719.57	2709.00	
0.002090	0.038	0.120	0.040	0.110	1.46	-0.00	45.09	
	2702.70	3685.	3485.	3685.	394.	101.	540.00	22117.

CCHV= 0.100 CEHV= 0.800

*SECNO 28.500

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
28.50	41615.	8626.	31842.	1146.	3.86	4	535.	
2729.44	0.0	2501.	1776.	448.	0.48	0	2720.40	
23.94	0.0	3.45	17.93	2.56	13.34	2733.30	2722.90	
0.008175	0.038	0.150	0.050	0.150	0.39	-0.00	0.70	
	2705.50	1640.	1640.	1640.	390.	145.	535.21	22281.

CCHV= 0.100 CEHV= 0.800

*SECNO 28.810

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	41400.	17575.	21752.	2073.	1.22	2	543.	
2741.06	0.0	2953.	1996.	443.	-2.64	0	2732.50	
25.76	0.0	5.95	10.90	4.68	8.72	2742.28	2736.10	
0.011969	0.033	0.120	0.040	0.110	0.25	-558.72	-2.82	
	2715.30	890.	890.	890.	396.	147.	540.07	22384.

*SECNO 28.810

**** GR CARDS REPEATED

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2732.50 MAX ELLC= 2731.80

28.81	41400.	20264.	18829.	2307.	0.92	2	545.	
2741.62	0.0	3136.	2072.	487.	-0.30	0	2732.50	
26.32	0.0	6.46	9.09	4.74	0.23	2742.54	2736.10	
0.004456	0.038	0.070	0.030	0.070	0.03	-558.72	-3.84	
	2715.30	34.	34.	34.	397.	148.	541.48	22388.

*SECNO 28.970

3280 CROSS SECTION 28.97 EXTENDED 1.93 FEET

3301 HV CHANGED MORE THAN HVINS

28.97	41285.	836.	35352.	5097.	7.01	6	216.

2746.52	2744.50	348.	1543.	1295.	6.09	5	2724.30	
28.12	0.0	2.40	22.91	3.93	6.12	2753.53	2725.10	
		0.150	0.030	0.110	4.87	-0.00	0.0	
								22561

3301 HV CHANGED MORE THAN HVINS

28.97	41285.	836.	35352.	5097.	7.01	6	216.

E10

2746.52	2744.50	348.	1543.	1295.	6.09	5	2724.30	
28.12	0.0	2.40	22.91	3.93	6.12	2753.53	2725.10	
0.002998	0.038	0.150	0.030	0.110	4.87	-0.00	0.0	
	2718.40	1690.	1690.	1690.	68.	149.	216.00	22561.

CCHV= 0.100 CEHV= 0.800
*SECNO 29.890

3301 HV CHANGED MORE THAN HVINS

29.89	40645.	5681.	34633.	331.	2.14	3	466.	
2768.32	0.0	2105.	2735.	149.	-4.87	0	2759.30	
17.92	0.0	2.70	12.66	2.22	16.43	2770.46	2760.00	
0.003955	0.038	0.150	0.045	0.100	0.49	-0.00	13.86	
	2750.40	4800.	4800.	4800.	332.	134.	479.55	23011.

*SECNO 30.600

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

30.60	40145.	377.	36344.	3423.	3.18	10	942.	
2791.10	2791.10	292.	2418.	1513.	1.05	14	2791.50	
11.80	0.0	1.29	15.03	2.26	17.05	2794.28	2790.30	
0.005111	0.038	0.120	0.030	0.110	0.84	-0.00	56.63	
	2779.30	3810.	3810.	3810.	321.	626.	1003.62	23414.

*SECNO 30.920

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

30.22	39920.	4006.	34129.	1785.	4.72	5	516.	
2809.45	2809.45	1270.	1813.	577.	1.54	11	2803.30	
17.45	0.0	3.15	18.82	3.09	11.41	2814.18	2798.00	
0.010671	0.038	0.150	0.050	0.150	1.23	-0.00	64.09	
	2792.00	1600.	1600.	1600.	306.	211.	580.51	23559.

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CCHV= 0.100 CEHV= 0.800

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0.010671	0.038	0.150	0.050	0.150	[illegible]	[illegible]	[illegible]	
	2792.00	1600.	1600.	1600.	306.	211.	580.51	23559.

F10

CCHV= 0.100 CEHV= 0.800
*SECNO 31.240
3280 CROSS SECTION 31.24 EXTENDED 2.27 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	39700.	14947.	18008.	6744.	0.52	2	650.	
2826.77	0.0	3139.	2587.	1665.	-4.27	0	2823.00	
26.57	0.0	4.76	6.96	4.05	12.69	2827.28	2820.50	
0.005919	0.038	0.120	0.045	0.120	0.42	-615.86	0.0	
	2800.20	1630.	1630.	1630.	380.	270.	650.00	23765.

CCHV= 0.100 CEHV= 0.500
*SECNO 31.240

**** GR CARDS REPEATED
3280 CROSS SECTION 31.24 EXTENDED 2.44 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2820.00 MAX ELLC= 2819.00

31.24	39700.	15879.	16614.	7206.	0.47	2	650.	
2826.94	0.0	3189.	2614.	1697.	-0.05	0	2823.00	
26.74	0.0	4.98	6.36	4.25	0.11	2827.40	2820.50	
0.002163	0.038	0.070	0.030	0.070	0.00	-615.86	0.0	
	2800.20	34.	34.	34.	380.	270.	650.00	23771.

CCHV= 0.100 CEHV= 0.800
*SECNO 31.710

3301 HV CHANGED MORE THAN HVINS

31.71	39370.	180.	26673.	12518.	2.66	4	1010.	
2835.67	2835.52	93.	1699.	3434.	2.19	14	2827.70	
17.17	0.0	1.94	15.70	3.65	9.17	2838.33	2830.00	
0.007456	0.038	0.150	0.045	0.100	1.75	-0.00	17.18	
	2818.50	2515.	2515.	2515.	105.	905.	1027.00	24139.

*SECNO 32.360

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

32.36	32950.	161.	20496.	12293.	2.72	16	964.
2867.20	2867.20	71.	1238.	3569.	0.06	19	2857.20

G10

12.70	0.0	2.28	16.55	3.44	28.62	2869.92	2858.20	
0.009500	0.038	0.130	0.045	0.125	0.05	-0.00	48.30	
			3150	3150	79	885.	1012.24	24539.

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CANE RIVER

3720 CRITICAL DEPTH ASSUMED

32.36	32950.	161.	20496.	12293.	2.72	16	2[illegible].
2867.20	2867.20	71.	1238.	3569.	0.06	19	2857.20

G10

12.70	0.0	2.28	16.55	3.44	28.62	2869.92	2858.20	
0.009500	0.038	0.130	0.045	0.125	0.05	-0.00	48.30	
	2854.50	3450.	3450.	3450.	79.	885.	1012.24	24539.

*SECNO 32.770

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

32.77	32180.	168.	11551.	20461.	1.01	5	932.	
2884.09	0.0	93.	922.	5516.	-1.70	0	2875.00	
15.79	0.0	1.81	12.53	3.71	15.02	2885.11	2875.50	
0.004988	0.038	0.150	0.045	0.110	0.17	-0.00	14.60	
	2868.30	2230.	2230.	2230.	56.	876.	946.68	24831.

*SECNO 33.580

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER			500 YEAR FLOOD		02/14/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

7185 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

33.58	30660.	38.	17248.	13373.	2.38	15	726.	
2933.53	2933.53	21.	1097.	2357.	1.37	12	2932.30	
15.53	0.0	1.80	15.72	5.67	44.93	2935.91	2934.70	
0.033747	0.039	0.110	0.045	0.130	1.09	-132.33	77.36	
	2918.00	4410.	4410.	4410.	87.	686.	850.00	25337.

*SECNO 33.580

**** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 2936.10 MAX ELLC= 2932.30

33.58	30660.	366.	10898.	19396.	0.84	4	835.	
2935.46	0.0	147.	1097.	3552.	-1.54	0	2932.30	
17.46	0.0	2.49	9.93	5.46	0.24	2936.30	2934.70	
0.005987	0.039	0.070	0.030	0.070	0.15	-332.89	15.00	
	2918.00	20.	20.	20.	149.	686.	850.00	25339.

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*SECNO 33.800

CANE RIVER

SUMMARY PRIN

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0.005987	0.039	0.070	0.030	0.070	1.17	-0.00	73.80	
	2918.00	20.	20.	20.	149.	686.	850.00	25557.

*SECNO 33.800

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

33.80	30250.	35.	18697.	11518.	2.31	5	735.	
2942.46	0.0	26.	1243.	2431.	1.47	0	2941.10	
15.66	0.0	1.33	15.05	4.74	7.29	2944.76	2943.50	
0.006609	0.038	0.070	0.030	0.070	1.17	-0.00	73.80	
	2926.80	1160.	1160.	1160.	90.	686.	850.00	25452.

*SECNO 34.530

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

CANE RIVER 500 YEAR FLOOD 02/14/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
7185 MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
34.53	29880.	5933.	22649.	298.	4.49	17	493.	
2981.23	2981.23	2068.	1183.	227.	2.19	11	2973.20	
14.53	0.0	2.87	19.15	1.31	22.88	2985.72	2978.50	
0.005516	0.038	0.150	0.030	0.130	1.75	-0.00	25.66	
	2966.70	3790.	3790.	3790.	321.	191.	538.07	25763.

THIS RUN EXECUTED 02/14/81 9:53:38

THIS RUN EXECUTED 02/14/81 9:53:38

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53,54

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

CANE RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
0.020	0.	0.0	0.0	2022.9	14460.0	2035.34	2034.09	2037.84	38.26	12.85	1300.34	2337.86
0.020	0.	0.0	0.0	2022.9	31420.0	2039.70	2039.17	2043.48	37.92	16.68	2857.79	5102.07
0.020	0.	0.0	0.0	2022.9	42490.0	2041.84	0.0	2046.26	38.07	18.47	3658.55	6886.50
0.020	0.	0.0	0.0	2022.9	81555.0	2047.83	2046.99	2053.99	37.75	22.89	6211.52	13273.45
0.270	1400.	2050.0	2051.1	2027.0	14455.0	2040.89	0.0	2042.38	26.70	9.77	1479.08	2797.67
0.270	1400.	2050.0	2051.1	2027.0	31405.0	2045.93	0.0	2048.89	38.25	13.80	2275.41	5078.09
0.270	1400.	2050.0	2051.1	2027.0	42470.0	2049.80	0.0	2053.41	70.32	15.26	2787.26	5064.62
0.270	1400.	2050.0	2051.1	2027.0	81520.0	2057.36	0.0	2063.65	158.96	20.44	4233.23	6465.77
0.270	34.	2050.0	2051.1	2027.0	14455.0	2041.02	0.0	2042.47	25.82	9.66	1496.74	2844.67
0.270	34.	2050.0	2051.1	2027.0	31405.0	2046.17	0.0	2049.03	36.49	13.57	2314.55	5198.59
0.270	34.	2050.0	2051.1	2027.0	42470.0	2050.08	0.0	2053.66	73.57	15.18	2808.52	4951.36
0.270	34.	2050.0	2051.1	2027.0	81520.0	2059.26	0.0	2064.24	113.06	18.30	4753.80	7666.87
0.970	3575.	0.0	0.0	2037.8	14435.0	2051.27	0.0	2054.04	33.83	13.45	1144.25	2481.75
0.970	3575.	0.0	0.0	2037.8	31365.0	2057.66	0.0	2061.71	29.64	16.80	2392.72	5760.68
0.970	3575.	0.0	0.0	2037.8	42415.0	2062.43	0.0	2066.03	19.97	16.35	3654.75	9490.89
0.970	3575.	0.0	0.0	2037.8	81425.0	2072.20	0.0	2076.77	16.75	19.29	6432.91	19893.80
1.550	3170.	0.0	0.0	2049.0	14415.0	2060.24	0.0	2062.04	19.09	10.86	1496.82	3299.14
1.550	3170.	0.0	0.0	2049.0	31335.0	2065.83	0.0	2068.57	15.92	13.73	2896.46	7854.20
1.550	3170.	0.0	0.0	2049.0	42370.0	2068.34	0.0	2071.75	16.30	15.47	3619.45	10495.95
1.550	3170.	0.0	0.0	2049.0	81340.0	2076.92	0.0	2081.59	13.57	18.59	6365.76	22077.55
2.000	2350.	0.0	0.0	2057.0	14405.0	2067.16	0.0	2068.80	48.02	10.36	1576.90	2078.80
2.000	2350.	0.0	0.0	2057.0	31310.0	2072.04	0.0	2074.05	36.27	12.27	3649.75	5198.81
2.000	2350.	0.0	0.0	2057.0	42335.0	2074.92	0.0	2076.96	29.97	12.72	5001.61	7733.32
2.000	2350.	0.0	0.0	2057.0	81280.0	2083.57	0.0	2085.62	19.18	13.57	9862.37	18560.63
2.750	4000.	0.0	0.0	2067.9	14380.0	2084.44	0.0	2085.41	36.00	7.93	1840.71	2396.66
2.750	4000.	0.0	0.0	2067.9	31270.0	2089.12	0.0	2091.31	51.23	11.97	2790.41	4368.84
2.750	4000.	0.0	0.0	2067.9	42280.0	2091.22	0.0	2094.25	60.39	14.13	3268.22	5440.53
2.750	4000.	0.0	0.0	2067.9	81170.0	2096.86	0.0	2102.85	84.60	20.10	4616.17	8825.14
3.520	4100.	2111.4	2110.5	2087.4	14360.0	2101.69	0.0	2102.77	50.20	8.32	1725.13	2026.83
3.520	4100.	2111.4	2110.5	2087.4	31225.0	2114.43	0.0	2115.45	67.70	8.36	4202.45	3794.97
3.520	4100.	2111.4	2110.5	2087.4	42220.0	2118.23	0.0	2119.29	60.78	8.80	5640.39	5415.35
3.520	4100.	2111.4	2110.5	2087.4	81065.0	2128.17	0.0	2129.41	49.55	9.87	9752.35	11516.71

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3.520	4100.	2111.4	2110.2	[illegible]	[illegible]	[illegible]				
3.520	4100.	2111.4	2110.5	2087.4	81065.0	2128.17	D.D	2129.41	[illegible]	

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOPWS	VCH	AREA	.01K
[illegible]	[illegible]	2111.4	2110.5	2087.4	14360.0	2101.79	0.0	2102.84	21.78	8.25	1740.23	3076.83
						[illegible]	0.0	2115.55	29.39	8.29	4247.89	5759.52
										[illegible]	[illegible]	8184.43

SECNO
13.440

K10

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	VOK*S	VCH	AREA	.01K
	3.520	23.	2111.4	2110.5	2087.4	14360.0	2101.79	0.0	2102.84	21.78	8.25	1740.23	3076.83
	3.520	23.	2111.4	2110.5	2087.4	31225.0	2114.54	0.0	2115.55	29.39	8.29	4247.89	5759.52
	3.520	23.	2111.4	2110.5	2087.4	42220.0	2118.33	0.0	2119.38	26.61	8.76	5680.68	8184.43
	3.520	23.	2111.4	2110.5	2087.4	81065.0	2128.25	0.0	2129.48	22.02	9.89	9784.68	17276.34
	4.220	3665.	0.0	0.0	2103.9	13930.0	2113.75	0.0	2116.21	64.39	12.57	1108.47	1735.97
	4.220	3665.	0.0	0.0	2103.9	30275.0	2121.65	0.0	2123.14	14.39	10.05	3890.71	7981.32
	4.220	3665.	0.0	0.0	2103.9	40935.0	2124.46	0.0	2126.05	12.22	10.60	5617.91	11712.07
	4.220	3665.	0.0	0.0	2103.9	78600.0	2132.70	0.0	2134.33	8.14	11.51	12509.63	27553.52
	5.000	4100.	0.0	0.0	2118.8	13930.0	2131.64	0.0	2133.14	28.46	9.84	1415.76	2611.21
*	5.000	4100.	0.0	0.0	2118.8	30275.0	2133.08	2133.08	2138.37	88.42	18.46	1640.47	3219.66
*	5.000	4100.	0.0	0.0	2118.8	40935.0	2136.13	2136.13	2141.70	86.18	18.93	2162.20	4409.63
*	5.000	4100.	0.0	0.0	2118.8	78600.0	2142.90	2142.90	2149.93	62.28	21.63	4309.34	9959.59
	5.140	730.	2143.1	2139.4	2121.8	13845.0	2133.84	0.0	2135.62	36.37	10.70	1294.26	2295.78
	5.140	730.	2143.1	2139.4	2121.8	30090.0	2142.46	0.0	2145.39	98.03	13.63	2315.76	3039.05
	5.140	730.	2143.1	2139.4	2121.8	40690.0	2146.36	0.0	2148.73	98.37	12.96	3700.69	4102.56
	5.140	730.	2143.1	2139.4	2121.8	48125.0	2152.76	0.0	2153.77	28.26	8.93	6715.37	9052.26
	5.140	31.	2143.1	2139.4	2121.8	13845.0	2134.03	0.0	2135.73	34.06	10.46	1324.09	2372.27
	5.140	31.	2143.1	2139.4	2121.8	30090.0	2142.82	0.0	2145.70	96.98	13.76	2362.19	3055.51
	5.140	31.	2143.1	2139.4	2121.8	40690.0	2146.96	0.0	2149.04	82.85	12.23	3958.03	4470.30
	5.140	31.	2143.1	2139.4	2121.8	48125.0	2152.87	0.0	2153.86	27.62	8.86	6771.70	9156.31
*	5.980	4570.	0.0	0.0	2144.9	13765.0	2158.61	2158.61	2162.30	72.26	15.42	892.85	1619.78
	5.980	4570.	0.0	0.0	2144.9	29925.0	2166.25	0.0	2170.10	32.62	15.78	1988.28	5239.63
	5.980	4570.	0.0	0.0	2144.9	40460.0	2168.73	0.0	2173.74	34.29	18.04	2453.09	6909.59
*	5.980	4570.	0.0	0.0	2144.9	77690.0	2174.10	2174.10	2184.10	47.81	25.71	3625.01	11235.91
	6.600	3150.	0.0	0.0	2164.2	13710.0	2179.33	0.0	2180.65	46.81	9.22	1486.41	2003.95
	6.600	3150.	0.0	0.0	2164.2	29800.0	2182.75	0.0	2186.15	90.11	14.81	2011.64	3139.25
	6.600	3150.	0.0	0.0	2164.2	40295.0	2185.74	0.0	2189.78	82.31	16.14	2517.95	4441.57
	6.600	3150.	0.0	0.0	2164.2	77370.0	2195.63	0.0	2200.64	54.30	18.25	5033.28	10499.94
	6.930	1700.	2193.6	2190.0	2174.0	13680.0	2187.28	0.0	2188.63	46.85	9.32	1467.14	1998.68
	6.930	1700.	2193.6	2190.0	2174.0	29735.0	2199.40	0.0	2200.58	77.69	9.22	3975.02	3373.46
	6.930	1700.	2193.6	2190.0	2174.0	40205.0	2202.14	0.0	2203.52	76.39	10.16	5060.32	4600.04
	6.930	1700.	2193.6	2190.0	2174.0	77195.0	2209.68	0.0	2211.59	72.99	12.46	8563.57	9035.73
	6.930	30.	2193.6	2190.0	2174.0	13680.0	2187.46	0.0	2188.76	34.34	9.15	1495.71	2334.58
	6.930	30.	2193.6	2190.0	2174.0	29735.0	2199.79	0.0	2200.78	49.91	8.58	4121.06	4209.12
	6.930	30.	2193.6	2190.0	2174.0	40205.0	2202.59	0.0	2203.73	47.91	9.34	5246.29	5808.46
	6.930	30.	2193.6	2190.0	2174.0	77195.0	2210.29	0.0	2211.79	43.61	11.17	8874.32	11689.84
	7.380	2370.	0.0	0.0	2186.6	13635.0	2195.65	0.0	2197.83	38.73	11.89	1224.19	2191.07
	7.380	2370.	0.0	0.0	2186.6	29645.0	2204.67	0.0	2206.62	12.84	11.48	3129.57	8273.37
	7.380	2370.	0.0	0.0	2186.6	40085.0	2207.43	0.0	2209.97	13.79	13.17	3824.74	10793.66
	7.380	2370.	0.0	0.0	2186.6	76965.0	2214.78	0.0	2219.35	16.59	17.88	5734.14	18894.11
*	8.240	4360.	0.0	0.0	2210.9	13560.0	2221.19	2219.47	2223.13	96.50	11.17	1214.44	1380.41
*	8.240	4360.	0.0	0.0	2210.9	29475.0	2223.76	2223.76	2228.84	174.27	18.11	1640.83	2232.74
*	8.240	4360.	0.0	0.0	2210.9	39855.0	2226.05	2226.05	2232.18	160.33	19.91	2054.16	3147.59
*	8.240	4360.	0.0	0.0	2210.9	76520.0	2233.00	2233.00	2241.85	129.80	24.10	3514.99	6716.51

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*	8.240	4360.	0.0	0.0	2210.9	39855.0	2226.05	2226.05	2232.18	160.33	17.71	2807.15
*	8.240	4360.	0.0	0.0	2210.9	76520.0	2233.00	2233.00	2241.85	129.80	24.10	3514.99	6716.51

L10

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	9.310	5680.	0.0	0.0	2243.6	13460.0	2258.94	0.0	2260.62	47.81	10.40	1293.62	1946.59
	9.310	5680.	0.0	0.0	2243.6	29260.0	2266.29	2260.69	2268.63	37.01	12.37	2551.83	4809.55
	9.310	5680.	0.0	0.0	2243.6	39565.0	2269.02	0.0	2271.96	38.45	14.00	3200.31	6381.00
	9.310	5680.	0.0	0.0	2243.6	75965.0	2276.39	0.0	2281.17	42.10	18.28	5083.04	11707.49
*	9.980	3570.	2285.8	2283.0	2266.0	12600.0	2283.00	2275.65	2283.92	79.59	7.71	1634.42	1412.37
	9.980	3570.	2285.8	2283.0	2266.0	27385.0	2290.86	0.0	2292.68	170.16	11.16	2742.23	2099.37
	9.980	3570.	2285.8	2283.0	2266.0	37025.0	2293.80	0.0	2295.81	151.59	11.94	3548.63	3007.22
	9.980	3570.	2285.8	2283.0	2266.0	71080.0	2302.20	0.0	2304.81	121.62	13.96	5970.89	6445.38
	9.980	36.	2285.8	2283.0	2266.0	12600.0	2283.18	0.0	2284.11	35.37	7.71	1634.42	2118.54
	9.980	36.	2285.8	2283.0	2266.0	27385.0	2291.51	0.0	2293.05	61.45	10.36	2917.70	3493.35
	9.980	36.	2285.8	2283.0	2266.0	37025.0	2294.43	0.0	2296.15	55.42	11.09	3725.27	4973.59
	9.980	36.	2285.8	2283.0	2266.0	71080.0	2302.84	0.0	2305.09	44.91	12.94	6157.82	10607.01
	11.230	6465.	2337.0	2335.3	2314.5	12480.0	2326.12	0.0	2329.48	182.11	13.32	936.82	924.81
	11.230	6465.	2337.0	2335.3	2314.5	27130.0	2344.74	0.0	2346.07	115.21	9.54	3068.91	2527.59
	11.230	6465.	2337.0	2335.3	2314.5	36680.0	2347.11	0.0	2348.88	132.14	11.09	3627.74	3190.88
	11.230	6465.	2337.0	2335.3	2314.5	70420.0	2353.56	0.0	2356.51	171.91	15.11	5283.02	5370.87
	11.230	37.	2337.0	2335.3	2314.5	12480.0	2327.58	0.0	2329.85	50.20	12.08	1032.82	1761.41
	11.230	37.	2337.0	2335.3	2314.5	27130.0	2345.02	0.0	2346.31	39.23	9.38	3133.77	4331.25
	11.230	37.	2337.0	2335.3	2314.5	36680.0	2347.46	0.0	2349.15	44.69	10.87	3713.30	5486.82
	11.230	37.	2337.0	2335.3	2314.5	70420.0	2353.91	0.0	2356.87	57.09	14.70	5433.59	9320.26
*	12.000	4100.	0.0	0.0	2345.0	12410.0	2355.87	2355.87	2359.69	103.28	15.68	791.27	1221.12
	12.000	4100.	0.0	0.0	2345.0	26975.0	2364.00	0.0	2367.63	58.54	15.30	1763.40	3525.65
	12.000	4100.	0.0	0.0	2345.0	36465.0	2367.03	0.0	2371.28	53.97	16.55	2209.54	4963.57
	12.000	4100.	0.0	0.0	2345.0	70015.0	2374.78	0.0	2381.13	48.52	20.48	3725.68	10051.01
	12.260	1545.	0.0	0.0	2347.5	12385.0	2362.66	0.0	2363.28	8.83	6.33	1962.06	4168.52
	12.260	1545.	0.0	0.0	2347.5	26920.0	2369.54	0.0	2370.68	8.68	8.58	3274.43	9135.39
	12.260	1545.	0.0	0.0	2347.5	36395.0	2372.90	0.0	2374.37	9.00	9.77	3982.75	12133.34
	12.260	1545.	0.0	0.0	2347.5	69875.0	2381.85	0.0	2384.48	10.27	13.13	6006.76	21809.02
*	12.750	2570.	0.0	0.0	2363.0	12335.0	2372.68	2372.68	2376.11	198.33	14.88	841.42	875.89
*	12.750	2570.	0.0	0.0	2363.0	26820.0	2377.38	2377.38	2382.74	161.00	18.75	1541.58	2113.74
*	12.750	2570.	0.0	0.0	2363.0	36260.0	2379.94	2379.94	2386.25	146.43	20.46	1972.62	2996.52
*	12.750	2570.	0.0	0.0	2363.0	69620.0	2387.02	2387.02	2396.06	126.13	24.97	3436.71	6198.95
	12.750	100.	0.0	0.0	2363.0	12335.0	2373.63	0.0	2377.16	57.35	15.07	818.47	1628.76
*	12.750	100.	0.0	0.0	2363.0	26820.0	2379.29	2379.29	2384.59	44.97	18.76	1548.72	3999.43
*	12.750	100.	0.0	0.0	2363.0	36260.0	2381.72	2381.72	2388.35	46.13	21.16	2025.46	5338.84
*	12.750	100.	0.0	0.0	2363.0	69620.0	2389.36	2389.36	2398.42	40.50	25.63	3678.15	10940.20
*	12.750	1.	2380.1	2379.4	2363.9	12335.0	2373.94	2373.94	2377.96	167.51	16.08	767.13	953.05
	12.750	1.	2380.1	2379.4	2363.9	26820.0	2378.88	2378.50	2386.28	340.52	21.84	1228.17	1453.41
*	12.750	1.	2380.1	2379.4	2363.9	36260.0	2385.39	2385.39	2389.93	305.13	18.07	2219.36	2075.80
	12.750	1.	2380.1	2379.4	2363.9	69620.0	2395.18	0.0	2398.95	135.40	16.41	4536.04	5983.11
	12.750	30.	2380.1	2379.4	2363.9	12335.0	2375.64	0.0	2378.35	54.58	13.22	933.17	1669.57
	12.750	30.	2380.1	2379.4	2363.9	26820.0	2379.86	2378.37	2387.14	234.04	21.65	1250.64	1753.12
	12.750	30.	2380.1	2379.4	2363.9	36260.0	2386.69	0.0	2390.58	135.79	16.90	2495.09	3111.72
	12.750	30.	2380.1	2379.4	2363.9	69620.0	2395.36	0.0	2399.44	90.37	17.95	4579.70	7323.75

M10

12.750	30.	2380.1	2379.4	2383.9								

MID

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOPWS	VCH	AREA	.DIK
	12.750	1.	0.0	0.0	2363.0	12335.0	2376.49	0.0	2378.43	21.57	11.17	1104.00	2656.17
	12.750	1.	0.0	0.0	2363.0	26820.0	2385.53	0.0	2387.66	11.60	12.21	2809.72	7874.33
	12.750	1.	0.0	0.0	2363.0	36260.0	2387.69	0.0	2390.67	14.45	14.59	3287.34	9538.70
	12.750	1.	0.0	0.0	2363.0	69620.0	2394.78	0.0	2400.02	18.58	19.90	4998.21	16149.75
	12.750	25.	0.0	0.0	2363.0	12335.0	2377.44	0.0	2378.55	12.01	8.56	1550.36	3559.60
	12.750	25.	0.0	0.0	2363.0	26820.0	2386.32	0.0	2387.75	7.51	9.93	3281.29	9788.09
	12.750	25.	0.0	0.0	2363.0	36260.0	2388.82	0.0	2390.80	9.05	11.77	3854.94	12053.69
	12.750	25.	0.0	0.0	2363.0	69620.0	2396.62	0.0	2400.22	11.55	16.17	5763.04	20488.89
	13.440	3670.	2405.0	2411.0	2379.1	12270.0	2388.17	0.0	2391.21	181.54	13.98	877.63	910.66
	13.440	3670.	2405.0	2411.0	2379.1	26680.0	2393.35	0.0	2398.07	197.26	17.43	1530.52	1899.60
	13.440	3670.	2405.0	2411.0	2379.1	36070.0	2397.08	0.0	2401.70	174.55	17.26	2089.83	2730.14
	13.440	3670.	2405.0	2411.0	2379.1	69255.0	2408.07	0.0	2414.16	323.73	19.88	3544.88	3849.12
	13.440	35.	2405.0	2411.0	2379.1	12270.0	2389.60	0.0	2391.72	85.71	11.68	1050.49	1325.37
	13.440	35.	2405.0	2411.0	2379.1	26680.0	2395.37	0.0	2398.70	104.15	14.64	1822.31	2614.30
	13.440	35.	2405.0	2411.0	2379.1	36070.0	2398.58	0.0	2402.26	105.08	15.40	2342.55	3518.69
	13.440	35.	2405.0	2411.0	2379.1	69255.0	2409.75	0.0	2415.21	248.70	18.87	3718.33	4391.53
	14.130	3545.	0.0	0.0	2393.9	12205.0	2408.03	0.0	2409.34	32.07	9.01	1391.79	2155.07
	14.130	3545.	0.0	0.0	2393.9	26540.0	2414.67	0.0	2416.85	29.98	11.96	2455.18	4846.95
	14.130	3545.	0.0	0.0	2393.9	35880.0	2417.90	0.0	2420.67	30.54	13.53	3025.88	6492.59
	14.130	3545.	0.0	0.0	2393.9	68890.0	2430.35	2418.23	2433.97	21.99	15.72	5494.62	14691.93
	14.730	3200.	0.0	0.0	2405.2	12150.0	2416.24	0.0	2417.71	20.93	9.78	1354.46	2655.92
	14.730	3200.	0.0	0.0	2405.2	26420.0	2422.05	0.0	2424.52	18.51	12.78	2385.74	6140.50
	14.730	3200.	0.0	0.0	2405.2	35715.0	2425.16	0.0	2428.19	17.72	14.20	2978.24	8484.17
	14.730	3200.	0.0	0.0	2405.2	68575.0	2435.68	0.0	2439.88	13.56	16.88	5276.13	18619.28
*	14.730	60.	0.0	0.0	2409.8	12150.0	2416.73	2416.73	2419.54	128.59	13.67	942.69	1071.47
	14.730	60.	0.0	0.0	2409.8	26420.0	2422.05	0.0	2425.44	66.91	15.16	1889.74	3229.87
	14.730	60.	0.0	0.0	2409.8	35715.0	2425.21	0.0	2428.85	52.21	15.81	2488.19	4943.01
	14.730	60.	0.0	0.0	2409.8	68575.0	2436.28	0.0	2440.03	26.03	16.35	4920.14	13440.07
	14.730	15.	0.0	0.0	2409.8	12150.0	2417.79	0.0	2419.77	72.99	11.50	1126.63	1422.13
	14.730	15.	0.0	0.0	2409.8	26420.0	2422.36	0.0	2425.56	60.98	14.74	1946.37	3383.33
	14.730	15.	0.0	0.0	2409.8	35715.0	2425.40	0.0	2428.94	49.86	15.59	2526.69	5057.73
	14.730	15.	0.0	0.0	2409.8	68575.0	2436.34	0.0	2440.07	25.84	16.31	4932.79	13490.30
	14.730	15.	0.0	0.0	2407.0	12150.0	2418.62	0.0	2419.88	16.76	9.12	1454.62	2967.64
	14.730	15.	0.0	0.0	2407.0	26420.0	2422.92	0.0	2425.65	22.50	13.51	2218.03	5569.74
	14.730	15.	0.0	0.0	2407.0	35715.0	2425.49	0.0	2428.99	23.18	15.33	2688.55	7418.62
	14.730	15.	0.0	0.0	2407.0	68575.0	2436.24	0.0	2440.59	15.15	17.32	5009.92	17616.39
	15.190	2530.	0.0	0.0	2416.8	12105.0	2427.17	0.0	2430.15	116.21	13.92	910.26	1122.92
	15.190	2530.	0.0	0.0	2416.8	26325.0	2432.65	0.0	2437.20	89.58	17.39	1715.35	2781.41
	15.190	2530.	0.0	0.0	2416.8	35585.0	2435.28	0.0	2440.88	87.56	19.39	2146.04	3802.84
	15.190	2530.	0.0	0.0	2416.8	68330.0	2442.90	2441.86	2451.12	79.95	24.03	3813.24	7642.09
	15.870	3500.	0.0	0.0	2428.5	12045.0	2442.25	0.0	2443.68	18.71	9.59	1274.42	2784.58
	15.870	3500.	0.0	0.0	2428.5	26190.0	2447.68	0.0	2450.39	20.15	13.30	2230.70	5833.81
	15.870	3500.	0.0	0.0	2428.5	35400.0	2450.60	0.0	2453.92	19.92	14.85	3011.63	7932.29
	15.870	3500.	0.0	0.0	2428.5	67970.0	2458.68	0.0	2463.41	18.76	18.39	6099.00	15690.76

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A11

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
16.200	1680.	2483.2	2452.8	2434.4	12010.0	2447.40	0.0	2448.94	60.01	9.95	1207.46	1550.40
16.200	1680.	2483.2	2452.8	2434.4	26120.0	2456.06	0.0	2458.06	180.86	12.01	2551.87	1942.26
16.200	1680.	2483.2	2452.8	2434.4	35310.0	2459.35	0.0	2460.95	127.34	11.18	4040.22	3129.01
16.200	1680.	2483.2	2452.8	2434.4	67800.0	2467.77	0.0	2469.01	62.21	10.54	8831.23	8596.23
16.200	30.	2483.2	2452.8	2434.4	12010.0	2447.60	0.0	2449.07	31.80	9.73	1234.75	2129.71
16.200	30.	2483.2	2452.8	2434.4	26120.0	2456.89	0.0	2458.45	82.35	10.75	2855.20	2878.31
16.200	30.	2483.2	2452.8	2434.4	35310.0	2459.94	0.0	2461.23	55.93	10.14	4343.25	4721.41
16.200	30.	2483.2	2452.8	2434.4	67800.0	2468.15	0.0	2469.16	27.57	9.45	9054.65	12912.91
16.970	4180.	0.0	0.0	2441.9	11940.0	2457.47	0.0	2459.01	18.30	9.95	1227.63	2791.34
16.970	4180.	0.0	0.0	2441.9	25965.0	2466.47	0.0	2468.34	10.76	11.16	2900.02	7915.19
16.970	4180.	0.0	0.0	2441.9	35095.0	2468.99	0.0	2471.53	12.54	13.09	3530.91	9910.28
16.970	4180.	0.0	0.0	2441.9	67390.0	2475.38	0.0	2480.40	18.10	18.71	5141.19	15839.85
17.460	2550.	0.0	0.0	2453.9	11895.0	2463.78	2462.99	2466.58	44.84	13.53	1070.51	1776.36
17.460	2550.	0.0	0.0	2453.9	25865.0	2470.04	0.0	2471.99	19.48	12.89	4685.21	5860.11
17.460	2550.	0.0	0.0	2453.9	34960.0	2473.32	0.0	2475.08	14.82	12.85	6725.82	9082.62
17.460	2550.	0.0	0.0	2453.9	67135.0	2482.33	0.0	2484.11	10.15	13.94	12559.36	21076.75
17.770	1650.	0.0	0.0	2456.8	11865.0	2469.73	0.0	2470.73	14.92	9.36	3039.65	3071.76
17.770	1650.	0.0	0.0	2456.8	25800.0	2473.50	0.0	2475.31	20.55	13.35	5207.60	5691.30
17.770	1650.	0.0	0.0	2456.8	34875.0	2476.00	0.0	2477.98	19.55	14.45	6820.27	7887.05
17.770	1650.	0.0	0.0	2456.8	66970.0	2484.14	0.0	2486.28	14.60	16.12	12695.73	17529.63
18.270	2570.	0.0	0.0	2461.0	11815.0	2473.96	0.0	2475.38	20.27	9.68	1478.79	2624.14
18.270	2570.	0.0	0.0	2461.0	25700.0	2478.56	0.0	2480.50	19.34	12.14	4303.81	5844.57
18.270	2570.	0.0	0.0	2461.0	34740.0	2480.80	0.0	2482.82	17.97	12.94	6082.59	8194.47
18.270	2570.	0.0	0.0	2461.0	66705.0	2487.83	0.0	2489.87	13.30	14.19	12045.67	18288.94
18.270	100.	0.0	0.0	2461.0	11815.0	2474.04	0.0	2475.75	26.40	10.69	1336.75	2299.43
18.270	100.	0.0	0.0	2461.0	25700.0	2479.31	0.0	2480.72	15.03	11.05	4565.83	6629.74
18.270	100.	0.0	0.0	2461.0	34740.0	2481.98	0.0	2483.05	10.56	10.41	7086.98	10692.35
18.270	100.	0.0	0.0	2461.0	66705.0	2489.05	0.0	2490.06	7.50	11.11	13079.20	24350.32
18.270	1.	2483.7	2480.0	2461.5	11815.0	2473.92	0.0	2475.88	47.47	11.24	1050.88	1714.76
18.270	1.	2483.7	2480.0	2461.5	25700.0	2479.22	0.0	2480.81	36.18	11.55	3770.36	4272.51
18.270	1.	2483.7	2480.0	2461.5	34740.0	2482.30	0.0	2483.03	38.68	9.20	5829.73	5585.99
18.270	1.	2483.7	2480.0	2461.5	66705.0	2489.60	0.0	2490.12	20.48	6.86	11849.34	14739.43
18.270	19.	2483.7	2480.0	2461.5	11815.0	2474.08	0.0	2475.98	45.17	11.04	1069.90	1758.04
18.270	19.	2483.7	2480.0	2461.5	25700.0	2479.42	0.0	2480.89	33.68	11.20	3911.63	4428.12
18.270	19.	2483.7	2480.0	2461.5	34740.0	2482.39	0.0	2483.16	37.70	9.05	5895.87	5658.21
18.270	19.	2483.7	2480.0	2461.5	66705.0	2489.64	0.0	2490.15	20.33	6.54	11876.27	14792.91
18.270	1.	0.0	0.0	2461.0	11815.0	2474.57	0.0	2476.02	21.10	9.94	1508.43	2571.97
18.270	1.	0.0	0.0	2461.0	25700.0	2479.63	0.0	2480.91	13.37	10.59	4811.57	7027.34
18.270	1.	0.0	0.0	2461.0	34740.0	2482.28	0.0	2483.27	9.69	10.09	7339.21	11161.80
18.270	1.	0.0	0.0	2461.0	66705.0	2489.42	0.0	2490.38	7.01	10.85	13391.79	25194.79
18.270	25.	0.0	0.0	2461.0	11815.0	2475.13	0.0	2476.11	12.64	8.20	1913.45	3323.38
18.270	25.	0.0	0.0	2461.0	25700.0	2479.98	0.0	2480.97	9.98	9.31	5430.60	8136.45
18.270	25.	0.0	0.0	2461.0	34740.0	2482.33	0.0	2483.30	8.98	9.72	7384.56	11594.13
18.270	25.	0.0	0.0	2461.0	66705.0	2489.43	0.0	2490.40	6.75	10.57	13414.46	25683.73

B11

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
							0.0	2483.83	28.89	9.67	2336.14	1968.56

B11

	SECNO	XLCH	ELTRD	FLLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
	19.080	4275.	0.0	0.0	2472.9	10580.0	2482.73	0.0	2483.83	28.89	9.67	2336.14	1968.56
	19.080	4275.	0.0	0.0	2472.9	23000.0	2485.98	0.0	2487.10	23.05	11.08	5897.91	4791.06
	19.080	4275.	0.0	0.0	2472.9	31095.0	2487.68	0.0	2488.77	20.25	11.48	7951.37	6910.04
	19.080	4275.	0.0	0.0	2472.9	59710.0	2493.29	0.0	2494.25	13.21	11.94	14909.51	16430.40
	19.780	3750.	0.0	0.0	2481.1	10305.0	2491.42	0.0	2492.33	18.10	7.68	1402.60	2422.04
	19.780	3750.	0.0	0.0	2481.1	22385.0	2494.51	0.0	2496.51	24.86	11.46	2167.09	4489.35
	19.780	3750.	0.0	0.0	2481.1	30260.0	2495.88	0.0	2498.66	29.38	13.56	2534.22	5582.62
	19.780	3750.	0.0	0.0	2481.1	58105.0	2499.12	2498.56	2505.06	45.86	19.98	3462.07	8580.06
	20.250	2550.	0.0	0.0	2486.0	10115.0	2498.91	0.0	2500.75	60.58	10.87	930.39	1299.59
	20.250	2550.	0.0	0.0	2486.0	21970.0	2503.57	0.0	2506.74	59.11	14.32	1580.93	2857.56
	20.250	2550.	0.0	0.0	2486.0	29700.0	2505.88	0.0	2509.83	58.50	16.06	1993.42	3882.97
	20.250	2550.	0.0	0.0	2486.0	57030.0	2512.16	0.0	2518.31	57.89	20.43	3384.39	7495.49
	20.960	3770.	0.0	0.0	2502.1	9830.0	2510.59	0.0	2511.33	15.66	6.97	1565.70	2484.18
	20.960	3770.	0.0	0.0	2502.1	21340.0	2514.99	0.0	2516.00	12.71	8.38	3345.04	5986.12
	20.960	3770.	0.0	0.0	2502.1	28855.0	2517.24	0.0	2518.34	11.12	8.93	4808.83	8653.93
	20.960	3770.	0.0	0.0	2502.1	55405.0	2523.95	0.0	2525.14	7.72	9.86	9922.70	19943.75
*	21.300	1790.	0.0	0.0	2509.5	7695.0	2516.61	2516.61	2519.29	218.01	13.14	585.50	521.16
*	21.300	1790.	0.0	0.0	2509.5	21040.0	2521.65	2521.65	2526.43	178.13	17.56	1216.18	1576.45
*	21.300	1790.	0.0	0.0	2509.5	28450.0	2523.80	2523.80	2529.57	164.88	19.34	1519.48	2215.61
*	21.300	1790.	0.0	0.0	2509.5	54630.0	2530.33	2530.33	2538.75	134.72	23.49	2556.44	4706.75
	21.520	1130.	0.0	0.0	2510.0	9610.0	2523.42	0.0	2524.19	19.81	7.07	1393.36	2159.10
	21.520	1130.	0.0	0.0	2510.0	20850.0	2530.16	0.0	2531.49	17.99	9.31	2438.12	4915.40
	21.520	1130.	0.0	0.0	2510.0	28185.0	2533.10	0.0	2534.77	18.89	10.57	3355.61	6485.19
	21.520	1130.	0.0	0.0	2510.0	54125.0	2541.51	0.0	2543.39	15.87	12.18	8450.12	13586.43
	21.520	1.	2534.0	2529.3	2509.4	9610.0	2523.38	0.0	2524.36	45.31	7.97	1205.35	1427.67
	21.520	1.	2534.0	2529.3	2509.4	20850.0	2530.08	0.0	2531.84	113.00	10.64	1960.09	1961.41
	21.520	1.	2534.0	2529.3	2509.4	28185.0	2532.81	0.0	2535.97	200.84	14.26	1976.50	1988.79
	21.520	1.	2534.0	2529.3	2509.4	54125.0	2542.61	0.0	2543.50	57.24	8.56	7454.74	7153.77
	21.520	30.	2534.0	2529.3	2509.4	9610.0	2523.55	0.0	2524.50	43.25	7.84	1226.22	1461.30
	21.520	30.	2534.0	2529.3	2509.4	20850.0	2530.42	0.0	2532.18	112.61	10.63	1962.14	1964.83
	21.520	30.	2534.0	2529.3	2509.4	28185.0	2533.43	0.0	2536.57	199.41	14.23	1991.31	1995.94
	21.520	30.	2534.0	2529.3	2509.4	54125.0	2542.82	0.0	2543.67	53.93	8.36	7606.79	7370.02
	21.520	1.	0.0	0.0	2510.0	9610.0	2523.80	0.0	2524.52	7.83	6.82	1448.66	3434.66
	21.520	1.	0.0	0.0	2510.0	20850.0	2531.03	0.0	2532.23	6.82	8.87	2598.18	7984.49
	21.520	1.	0.0	0.0	2510.0	28185.0	2535.55	0.0	2536.76	5.43	9.16	4617.05	12097.25
	21.520	1.	0.0	0.0	2510.0	54125.0	2542.33	0.0	2544.15	6.52	11.93	9040.32	21195.59
	22.050	2990.	0.0	0.0	2520.0	9400.0	2528.43	2528.23	2531.57	65.39	14.23	677.53	1162.43
	22.050	2990.	0.0	0.0	2520.0	20380.0	2534.42	0.0	2538.33	36.19	16.07	1571.51	3387.64
	22.050	2990.	0.0	0.0	2520.0	27555.0	2538.06	0.0	2542.14	27.65	16.59	2280.62	5240.71
	22.050	2990.	0.0	0.0	2520.0	52910.0	2544.94	0.0	2551.64	29.62	21.66	3946.12	9722.36
	22.850	4150.	0.0	0.0	2539.0	9080.0	2548.28	0.0	2549.82	30.77	9.95	912.71	1636.90
	22.850	4150.	0.0	0.0	2539.0	19675.0	2551.51	2550.21	2554.85	43.86	14.67	1345.57	2970.75
	22.850	4150.	0.0	0.0	2539.0	26600.0	2552.97	2552.25	2557.58	51.26	17.24	1563.44	3715.19
	22.850	4150.	0.0	0.0	2539.0	51080.0	2559.36	0.0	2566.11	41.78	20.93	2593.81	7902.18

C11

SECNO	XLCH	ELTRD	FLLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
							0.0	2550.23	31.26	10.70	940.29	1623.97

C11

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
	22.850	100.	0.0	0.0	2539.0	9080.0	2548.49	0.0	2550.23	31.26	10.70	940.29	1623.97
	22.850	100.	0.0	0.0	2539.0	19675.0	2551.62	0.0	2555.67	48.96	16.37	1362.56	2811.97
*	22.850	100.	0.0	0.0	2539.0	26600.0	2552.98	2552.98	2558.73	60.77	19.54	1564.03	3412.30
*	22.850	100.	0.0	0.0	2539.0	51080.0	2559.37	2559.37	2567.73	55.40	23.74	2596.20	6862.82
	22.850	10.	2541.3	2540.1	2539.0	9080.0	2565.97	0.0	2566.10	0.63	3.00	3717.14	11467.89
	22.850	10.	2541.3	2540.1	2539.0	19675.0	2572.71	0.0	2573.08	1.23	5.00	4915.66	17732.45
	22.850	10.	2541.3	2540.1	2539.0	26600.0	2576.10	0.0	2576.64	1.56	6.06	5537.39	21281.93
	22.850	10.	2541.3	2540.1	2539.0	51080.0	2585.69	0.0	2586.87	2.44	8.98	7369.12	32712.27
	22.850	25.	0.0	0.0	2543.7	9080.0	2565.84	0.0	2566.24	3.14	5.07	1972.94	5120.91
	22.850	25.	0.0	0.0	2543.7	19675.0	2572.49	0.0	2573.31	4.05	7.40	3135.95	9773.71
	22.850	25.	0.0	0.0	2543.7	26600.0	2575.83	0.0	2576.92	4.46	8.56	3780.33	12588.57
	22.850	25.	0.0	0.0	2543.7	51080.0	2585.32	0.0	2587.26	5.27	11.57	5830.67	22242.92
	23.350	2665.	0.0	0.0	2556.5	8880.0	2566.92	0.0	2569.17	38.81	12.05	766.40	1425.47
	23.350	2665.	0.0	0.0	2556.5	19235.0	2573.52	0.0	2576.57	23.80	14.12	1509.67	3942.76
	23.350	2665.	0.0	0.0	2556.5	26005.0	2576.79	0.0	2580.45	21.97	15.52	1908.84	5548.18
	23.350	2665.	0.0	0.0	2556.5	49935.0	2585.88	0.0	2591.57	19.96	19.47	3146.10	11177.00
	24.140	4160.	0.0	0.0	2574.5	8565.0	2588.97	2586.37	2590.86	74.46	11.44	933.75	992.57
	24.140	4160.	0.0	0.0	2574.5	18540.0	2592.39	2591.29	2596.91	130.40	18.08	1360.78	1623.54
	24.140	4160.	0.0	0.0	2574.5	25065.0	2594.73	2593.97	2600.37	136.78	20.45	1714.32	2143.15
	24.140	4160.	0.0	0.0	2574.5	48130.0	2601.92	2601.69	2608.21	111.44	23.37	3800.36	4559.25
	24.480	1710.	0.0	0.0	2589.6	7875.0	2596.94	0.0	2597.94	24.88	7.99	985.89	1578.84
	24.480	1710.	0.0	0.0	2589.6	17110.0	2601.93	0.0	2603.28	15.33	9.32	1864.20	4370.40
	24.480	1710.	0.0	0.0	2589.6	23140.0	2604.67	0.0	2606.22	13.06	10.01	2392.11	6403.94
	24.480	1710.	0.0	0.0	2589.6	44430.0	2611.14	0.0	2613.67	12.78	12.86	3862.06	12428.52
*	24.480	1.	2595.0	2594.8	2589.3	7875.0	2597.61	2597.61	2599.75	279.25	12.54	705.69	471.26
	24.480	1.	2595.0	2594.8	2589.3	17110.0	2601.24	0.0	2603.98	175.66	14.40	1346.64	1290.96
	24.480	1.	2595.0	2594.8	2589.3	23140.0	2604.20	0.0	2606.69	109.19	13.85	1911.54	2214.51
	24.480	1.	2595.0	2594.8	2589.3	44430.0	2610.92	0.0	2613.89	73.81	15.48	3425.92	5171.43
	24.480	10.	2595.0	2594.8	2589.3	7875.0	2598.67	0.0	2600.01	136.42	9.99	887.90	674.23
	24.480	10.	2595.0	2594.8	2589.3	17110.0	2601.82	0.0	2604.17	138.90	13.37	1452.49	1451.77
	24.480	10.	2595.0	2594.8	2589.3	23140.0	2604.43	0.0	2606.81	101.77	13.54	1956.24	2293.81
	24.480	10.	2595.0	2594.8	2589.3	44430.0	2611.05	0.0	2613.97	71.81	15.34	3459.40	5243.21
	24.480	1.	0.0	0.0	2589.6	7875.0	2599.64	0.0	2600.10	7.25	5.46	1448.16	2925.06
	24.480	1.	0.0	0.0	2589.6	17110.0	2603.24	0.0	2604.31	10.40	8.29	2111.73	5305.91
	24.480	1.	0.0	0.0	2589.6	23140.0	2605.56	0.0	2606.91	10.50	9.36	2569.43	7141.00
	24.480	1.	0.0	0.0	2589.6	44430.0	2611.70	0.0	2614.03	11.42	12.39	4005.56	13145.15
*	25.140	3480.	0.0	0.0	2602.6	7795.0	2616.11	2616.11	2620.94	71.89	17.98	507.31	919.36
*	25.140	3480.	0.0	0.0	2602.6	16935.0	2622.75	2622.75	2630.37	58.66	22.85	984.52	2211.06
*	25.140	3480.	0.0	0.0	2602.6	22900.0	2626.21	2626.21	2635.32	55.25	25.16	1303.10	3080.84
*	25.140	3480.	0.0	0.0	2602.6	43970.0	2636.74	2636.74	2648.00	42.19	29.14	2889.28	6769.68
*	25.310	895.	0.0	0.0	2610.2	7775.0	2623.70	2623.70	2628.52	71.74	17.95	506.78	917.94
*	25.310	895.	0.0	0.0	2610.2	16890.0	2630.34	2630.34	2637.93	58.37	22.79	984.43	2210.74
*	25.310	895.	0.0	0.0	2610.2	22835.0	2633.82	2633.82	2642.87	54.82	25.07	1304.31	3084.15
*	25.310	895.	0.0	0.0	2610.2	43850.0	2644.37	2644.37	2655.54	41.79	29.02	2894.89	6783.13

D11

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
						7770.0	2633.49	2633.49	2638.31	71.70	17.94	506.64	917.59
											22.79	983.30	2207.81

D11

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.DIK
*	25.340	160.	0.0	0.0	2620.0	7770.0	2633.49	2633.49	2638.31	71.70	17.94	506.64	917.59
*	25.340	160.	0.0	0.0	2620.0	16880.0	2640.13	2640.13	2647.72	58.45	22.79	983.30	2207.81
*	25.340	160.	0.0	0.0	2620.0	22825.0	2643.61	2643.61	2652.66	54.88	25.08	1303.13	3081.06
*	25.340	160.	0.0	0.0	2620.0	43825.0	2654.15	2654.15	2665.33	41.89	29.04	2890.08	6771.53
	26.050	3775.	0.0	0.0	2639.7	7680.0	2649.17	0.0	2650.04	16.31	7.66	1241.26	1901.38
	26.050	3775.	0.0	0.0	2639.7	16690.0	2654.89	0.0	2655.94	9.94	8.71	3238.04	5293.03
	26.050	3775.	0.0	0.0	2639.7	22565.0	2658.43	0.0	2659.43	7.33	8.76	5007.69	8332.37
	26.050	3775.	0.0	0.0	2639.7	43330.0	2669.03	0.0	2670.01	4.17	9.15	10669.49	21218.85
*	26.050	40.	0.0	0.0	2644.4	7680.0	2649.92	2649.92	2651.61	80.73	10.58	787.79	854.77
	26.050	40.	0.0	0.0	2644.4	16690.0	2655.04	0.0	2656.00	16.26	8.39	2718.66	4138.73
	26.050	40.	0.0	0.0	2644.4	22565.0	2658.83	0.0	2659.50	7.50	7.26	4571.49	8237.60
	26.050	40.	0.0	0.0	2644.4	43330.0	2669.57	0.0	2670.07	2.71	6.61	10332.10	26311.62
	26.050	15.	0.0	0.0	2644.4	7680.0	2650.62	0.0	2651.75	45.24	8.73	992.25	1141.83
	26.050	15.	0.0	0.0	2644.4	16690.0	2655.08	0.0	2656.02	16.01	8.35	2735.59	4171.15
	26.050	15.	0.0	0.0	2644.4	22565.0	2658.84	0.0	2659.51	7.48	7.26	4576.28	8249.52
	26.050	15.	0.0	0.0	2644.4	43330.0	2669.58	0.0	2670.07	2.71	6.60	10334.57	26321.01
	26.050	10.	0.0	0.0	2639.7	7680.0	2651.39	0.0	2651.83	6.13	5.58	1870.46	3101.70
	26.050	10.	0.0	0.0	2639.7	16690.0	2655.19	0.0	2656.04	8.22	8.04	3431.20	5821.14
	26.050	10.	0.0	0.0	2639.7	22565.0	2658.80	0.0	2659.56	5.82	7.92	5191.42	9349.53
	26.050	10.	0.0	0.0	2639.7	43330.0	2669.49	0.0	2670.17	3.13	8.02	10920.70	24472.65
	26.370	1665.	0.0	0.0	2648.3	7640.0	2653.55	2653.46	2654.85	94.90	9.81	1257.50	784.26
	26.370	1665.	0.0	0.0	2648.3	16400.0	2657.36	0.0	2658.30	25.17	8.60	3623.66	3308.54
	26.370	1665.	0.0	0.0	2648.3	22450.0	2660.20	0.0	2660.96	13.02	7.84	5788.30	6222.72
	26.370	1665.	0.0	0.0	2648.3	43105.0	2670.33	0.0	2670.70	2.88	6.00	17227.65	25414.25
	26.970	3300.	0.0	0.0	2662.3	7565.0	2674.41	0.0	2675.99	45.17	10.36	904.09	1125.60
*	26.970	3300.	0.0	0.0	2662.3	16440.0	2677.13	2677.13	2680.80	82.57	10.41	1654.00	1809.19
*	26.970	3300.	0.0	0.0	2662.3	22230.0	2679.05	2679.05	2683.05	60.70	17.80	2339.44	2474.60
*	26.970	3300.	0.0	0.0	2662.3	42685.0	2683.67	2683.67	2688.98	86.57	22.09	4075.71	4587.64
	27.480	2620.	2694.6	2689.7	2677.0	7500.0	2692.42	0.0	2692.96	96.42	5.91	1325.14	763.80
	27.480	2620.	2694.6	2689.7	2677.0	16305.0	2699.58	0.0	2699.88	58.40	5.04	4078.82	2133.65
	27.480	2620.	2694.6	2689.7	2677.0	22045.0	2701.44	0.0	2701.78	56.85	5.45	5126.86	2923.69
	27.480	2620.	2694.6	2689.7	2677.0	42330.0	2706.79	0.0	2707.24	49.33	6.24	8249.59	6027.00
	27.480	34.	2694.6	2689.7	2677.0	7500.0	2692.59	0.0	2693.12	28.51	5.90	1347.22	1404.58
	27.480	34.	2694.6	2689.7	2677.0	16305.0	2699.68	0.0	2699.98	17.23	5.05	4131.78	3927.52
	27.480	34.	2694.6	2689.7	2677.0	22045.0	2701.53	0.0	2701.87	16.93	5.47	5181.95	5357.99
	27.480	34.	2694.6	2689.7	2677.0	42330.0	2706.88	0.0	2707.33	15.06	6.34	8296.87	10707.62
	28.180	3685.	0.0	0.0	2702.7	7415.0	2709.17	0.0	2710.23	85.60	8.72	1148.99	801.46
	28.180	3685.	0.0	0.0	2702.7	16115.0	2711.27	0.0	2713.20	94.26	12.00	1891.06	1659.88
	28.180	3685.	0.0	0.0	2702.7	21790.0	2712.58	0.0	2714.87	88.44	13.19	2360.38	2317.02
	28.180	3685.	0.0	0.0	2702.7	41840.0	2716.20	0.0	2719.57	80.90	16.36	3978.22	4651.87
	28.500	1640.	0.0	0.0	2705.5	7375.0	2719.45	0.0	2720.65	48.01	8.82	837.49	1064.34
	28.500	1640.	0.0	0.0	2705.5	16030.0	2723.71	2720.03	2725.94	62.85	12.32	1810.36	2022.00
	28.500	1640.	0.0	0.0	2705.5	21670.0	2725.32	2723.65	2728.05	69.63	14.01	2558.21	2596.87
	28.500	1640.	0.0	0.0	2705.5	41615.0	2729.44	0.0	2733.30	81.75	17.93	4725.35	4602.59

E11

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.DIK
					7335.0	2725.66	0.0	2727.93	121.04	12.10	606.30	666.70
										12.48	1751.57	1012.00

28.500 1640. 0.0 ---

E11

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
	28.810	890.	2732.5	2731.8	2715.3	7335.0	2725.66	0.0	2727.93	121.04	12.10	606.30	666.70
	28.810	890.	2732.5	2731.8	2715.3	15945.0	2733.87	2728.72	2735.85	248.25	12.18	1751.57	1012.00
	28.810	890.	2732.5	2731.8	2715.3	21560.0	2736.44	0.0	2737.69	183.68	10.48	2923.93	1590.79
	28.810	890.	2732.5	2731.8	2715.3	41400.0	2741.06	0.0	2742.28	119.69	10.90	5391.82	3784.11
	28.810	34.	2732.5	2731.8	2715.3	7335.0	2726.34	0.0	2728.23	53.62	11.05	663.88	1001.69
	28.810	34.	2732.5	2731.8	2715.3	15945.0	2735.53	0.0	2736.38	71.37	8.48	2461.00	1887.46
	28.810	34.	2732.5	2731.8	2715.3	21560.0	2737.28	0.0	2738.06	57.84	8.28	3371.52	2834.95
	28.810	34.	2732.5	2731.8	2715.3	41400.0	2741.62	0.0	2742.54	44.56	9.09	5694.93	6202.01
	28.970	1690.	0.0	0.0	2718.4	7315.0	2731.89	0.0	2733.59	20.80	10.72	841.71	1603.88
	28.970	1690.	0.0	0.0	2718.4	15900.0	2739.81	0.0	2742.14	14.13	12.80	1839.22	4229.50
	28.970	1690.	0.0	0.0	2718.4	21500.0	2741.77	0.0	2745.08	17.88	15.39	2194.62	5085.28
	28.970	1690.	0.0	0.0	2718.4	41285.0	2746.52	2744.50	2753.53	29.98	22.91	3186.71	7539.51
*	29.890	4800.	0.0	0.0	2750.4	7200.0	2756.34	2756.34	2758.38	192.25	11.48	627.11	519.28
*	29.890	4800.	0.0	0.0	2750.4	15655.0	2759.39	2759.39	2762.24	145.11	13.60	1281.65	1299.57
*	29.890	4800.	0.0	0.0	2750.4	21165.0	2760.76	2760.76	2764.05	133.78	14.79	1764.15	1829.89
	29.890	4800.	0.0	0.0	2750.4	40645.0	2768.32	0.0	2770.46	39.55	12.66	4989.21	6463.00
	30.600	3810.	0.0	0.0	2779.3	7110.0	2785.26	0.0	2786.17	37.58	7.68	928.46	1159.82
	30.600	3810.	0.0	0.0	2779.3	15460.0	2787.56	0.0	2789.19	41.20	10.31	1708.15	2403.46
	30.600	3810.	0.0	0.0	2779.3	20905.0	2788.70	0.0	2790.65	42.21	11.40	2263.01	3217.82
*	30.600	3810.	0.0	0.0	2779.3	40145.0	2791.10	2791.10	2794.28	51.11	15.03	4222.73	5615.19
*	30.920	1600.	0.0	0.0	2792.0	7070.0	2798.22	2798.22	2800.87	219.86	13.05	541.85	476.81
*	30.920	1600.	0.0	0.0	2792.0	15375.0	2801.90	2801.90	2805.99	184.27	16.28	980.24	1132.62
*	30.920	1600.	0.0	0.0	2792.0	20785.0	2804.30	2804.30	2808.55	143.53	16.72	1463.40	1734.92
*	30.920	1600.	0.0	0.0	2792.0	39920.0	2809.45	2809.45	2814.18	106.71	18.82	3660.85	3864.47
	31.240	1630.	2820.0	2819.0	2800.2	7030.0	2812.45	0.0	2813.10	36.47	6.48	1131.92	1164.08
	31.240	1630.	2820.0	2819.0	2800.2	15290.0	2819.89	0.0	2820.33	49.23	6.08	3455.67	2179.08
	31.240	1630.	2820.0	2819.0	2800.2	20670.0	2822.54	0.0	2822.91	56.81	5.79	4700.73	2742.33
	31.240	1630.	2820.0	2819.0	2800.2	39700.0	2826.77	0.0	2827.28	59.19	6.96	7391.03	5160.32
	31.240	34.	2820.0	2819.0	2800.2	7030.0	2812.55	0.0	2813.18	15.73	6.41	1150.48	1772.36
	31.240	34.	2820.0	2819.0	2800.2	15290.0	2820.05	0.0	2820.44	19.53	5.75	3514.12	3459.77
	31.240	34.	2820.0	2819.0	2800.2	20670.0	2822.70	0.0	2823.03	21.31	5.29	4793.98	4477.92
	31.240	34.	2820.0	2819.0	2800.2	39700.0	2826.94	0.0	2827.40	21.63	6.36	7500.49	8536.05
*	31.710	2515.	0.0	0.0	2818.5	6975.0	2826.61	2826.61	2829.08	181.30	12.63	552.24	518.02
*	31.710	2515.	0.0	0.0	2818.5	15165.0	2830.81	2830.81	2833.35	96.90	13.21	1557.94	1540.57
*	31.710	2515.	0.0	0.0	2818.5	20500.0	2832.12	2832.12	2834.90	93.83	14.51	2227.29	2116.36
	31.710	2515.	0.0	0.0	2818.5	39370.0	2835.67	2835.52	2838.33	74.56	15.70	5225.50	4559.43
	32.360	3450.	0.0	0.0	2854.5	5835.0	2861.70	0.0	2862.71	55.63	8.33	978.60	782.30
	32.360	3450.	0.0	0.0	2854.5	12695.0	2863.51	2863.49	2865.54	88.92	12.47	1901.31	1346.29
*	32.360	3450.	0.0	0.0	2854.5	17160.0	2864.58	2864.58	2866.81	90.33	13.64	2623.38	1805.52
*	32.360	3450.	0.0	0.0	2854.5	32950.0	2867.20	2867.20	2869.92	95.00	16.55	4877.87	3380.55
	32.770	2230.	0.0	0.0	2868.3	5700.0	2877.13	2877.01	2878.26	89.22	9.93	1227.62	603.46
	32.770	2230.	0.0	0.0	2868.3	12395.0	2879.94	0.0	2880.75	52.95	9.94	3081.73	1703.40
	32.770	2230.	0.0	0.0	2868.3	16760.0	2881.05	0.0	2881.91	51.47	10.63	3962.09	2336.10
	32.770	2230.	0.0	0.0	2868.3	32180.0	2884.09	0.0	2885.11	49.88	12.53	6530.53	4556.55

F11

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
									143.41	10.65	510.41	453.84

32.770 2250. 0.0

F11

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
	33.580	4410.	2936.1	2932.3	2918.0	5435.0	2925.91	2924.70	2927.67	143.41	10.65	510.41	453.84
*	33.580	4410.	2936.1	2932.3	2918.0	11810.0	2929.96	2929.96	2932.20	135.54	12.49	1412.12	1014.41
*	33.580	4410.	2936.1	2932.3	2918.0	15970.0	2932.30	2932.30	2933.41	136.27	9.99	2760.83	1368.07
*	33.580	4410.	2936.1	2932.3	2918.0	30660.0	2933.53	2933.53	2935.91	337.47	15.72	3475.14	1669.00
	33.580	20.	2936.1	2932.3	2918.0	5435.0	2926.30	0.0	2927.86	54.06	10.02	542.56	739.20
	33.580	20.	2936.1	2932.3	2918.0	11810.0	2931.42	0.0	2932.43	28.43	9.06	2222.28	2214.87
	33.580	20.	2936.1	2932.3	2918.0	15970.0	2932.89	0.0	2933.59	42.19	8.34	3095.66	2458.68
	33.580	20.	2936.1	2932.3	2918.0	30660.0	2935.46	0.0	2936.30	59.87	9.93	4795.93	3962.34
	33.800	1160.	0.0	0.0	2926.8	5360.0	2933.99	0.0	2936.18	86.52	11.88	451.31	576.23
*	33.800	1160.	0.0	0.0	2926.8	11650.0	2938.78	2938.78	2940.83	55.39	12.04	1426.87	1565.33
*	33.800	1160.	0.0	0.0	2926.8	15755.0	2940.12	2940.12	2942.02	52.14	12.35	2166.42	2181.81
	33.800	1160.	0.0	0.0	2926.8	30250.0	2942.46	0.0	2944.76	66.09	15.05	3699.86	3721.08
*	34.530	3790.	0.0	0.0	2966.7	5120.0	2972.97	2972.97	2975.23	77.59	12.09	464.53	581.26
*	34.530	3790.	0.0	0.0	2966.7	11120.0	2976.18	2976.18	2978.97	56.55	14.11	1433.41	1478.72
*	34.530	3790.	0.0	0.0	2966.7	15040.0	2977.50	2977.50	2980.76	57.17	15.58	1900.33	1989.22
*	34.530	3790.	0.0	0.0	2966.7	28880.0	2981.23	2981.23	2985.72	55.16	19.15	3477.56	3888.62

G11

G11

CANE RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.020	14460.	2035.3	0.0	0.0	0.0	270.46	0.0
0.020	31420.	2039.7	4.4	0.0	0.0	370.14	0.0
0.020	42490.	2041.8	2.1	0.0	0.0	381.36	0.0
0.020	81555.	2047.8	6.0	0.0	0.0	497.29	0.0
0.270	14455.	2040.9	0.0	5.6	0.0	149.72	1400.00
0.270	31405.	2045.9	5.0	6.2	0.0	165.74	1400.00
0.270	42470.	2049.8	3.9	8.0	0.0	203.86	1400.00
0.270	81520.	2057.4	7.6	9.5	0.0	271.56	1400.00
0.270	14455.	2041.0	0.0	0.1	0.0	150.11	34.00
0.270	31405.	2046.2	5.1	0.2	0.0	166.02	34.00
0.270	42470.	2050.1	3.9	0.3	0.0	213.92	34.00
0.270	81520.	2059.3	9.2	1.9	0.0	276.84	34.00
0.970	14435.	2051.3	0.0	10.3	0.0	136.36	3575.00
0.970	31365.	2057.7	6.4	11.5	0.0	256.89	3575.00
0.970	42415.	2062.4	4.8	12.3	0.0	271.50	3575.00
0.970	81425.	2072.2	9.8	12.9	0.0	292.29	3575.00
1.550	14415.	2060.2	0.0	9.0	0.0	225.31	3170.00
1.550	31335.	2065.8	5.6	8.2	0.0	284.82	3170.00
1.550	42370.	2068.3	2.5	5.9	0.0	291.44	3170.00
1.550	81340.	2076.9	8.6	4.7	0.0	366.26	3170.00
2.000	14405.	2067.2	0.0	6.9	0.0	389.90	2350.00
2.000	31310.	2072.0	4.9	6.2	0.0	453.49	2350.00
2.000	42335.	2074.9	2.9	6.6	0.0	486.99	2350.00
2.000	81280.	2083.6	8.7	6.7	0.0	676.26	2350.00
2.750	14380.	2084.4	0.0	17.3	0.0	177.00	4000.00
2.750	31270.	2089.1	4.7	17.1	0.0	223.05	4000.00
2.750	42280.	2091.2	2.1	16.3	0.0	230.21	4000.00
2.750	81170.	2096.9	5.6	13.3	0.0	245.06	4000.00
3.520	14360.	2101.7	0.0	17.3	0.0	153.00	4100.00
3.520	31225.	2114.4	12.7	25.3	0.0	359.90	4100.00
3.520	42220.	2118.2	3.8	27.0	0.0	397.45	4100.00
3.520	81065.	2128.2	9.9	31.3	0.0	415.00	4100.00
3.520	14360.	2101.8	0.0	0.1	0.0	153.00	23.00
3.520	31225.	2114.5	12.8	0.1	0.0	361.14	23.00
3.520	42220.	2118.3	3.8	0.1	0.0	398.46	23.00
3.520	81065.	2128.2	9.9	0.1	0.0	415.00	23.00
4.220	13930.	2113.8	0.0	12.0	0.0	193.94	3665.00
4.220	30275.	2121.6	7.9	7.1	0.0	550.10	3665.00
4.220	40935.	2124.5	2.8	6.1	0.0	673.50	3665.00
4.220	78600.	2132.7	8.2	4.4	0.0	915.00	3665.00
5.000	13930.	2131.6	0.0	17.9	0.0	153.58	4100.00
* 5.000	30275.	2133.1	1.4	11.4	0.0	157.87	4100.00

H11

*	5.000	40935.	2136.1	3.1	11.7	0.0	194.49	4100.00
*	5.000	78600.	2142.9	6.8	10.2	0.0	422.72	4100.00

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	5.000	13930.	2131.8	0.0	11.4	0.0	157.87	4100.00
*	5.000	30275.	2133.1	1.4	11.4	0.0	157.87	4100.00

H11

*	5.000	40935.	2136.1	3.1	11.7	0.0	194.49	4100.00
*	5.000	78600.	2142.9	6.8	10.2	0.0	422.72	4100.00

I11

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	[illegible]	2133.8	0.0	2.2	0.0	151.20	730.00

12.750
12.750
13.440
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15.19(
15.87(
16.20(
16.20
16.97
17.46
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19.08
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24.

25.14
25.3

I11

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	5.140	13845.	2133.8	0.0	2.2	0.0	151.20	730.00
	5.140	30090.	2142.5	8.6	9.4	0.0	323.15	730.00
	5.140	40690.	2146.4	3.9	10.2	0.0	429.96	730.00
	5.140	48125.	2152.8	6.4	9.9	0.0	510.69	730.00
	5.140	13845.	2134.0	0.0	0.2	0.0	151.79	31.00
	5.140	30090.	2142.8	8.8	0.4	0.0	339.61	31.00
	5.140	40690.	2147.0	4.1	0.6	0.0	437.52	31.00
	5.140	48125.	2152.9	5.9	0.1	0.0	511.93	31.00
*	5.980	13765.	2158.6	0.0	24.6	0.0	121.64	4570.00
	5.980	29925.	2166.3	7.6	23.4	0.0	164.75	4570.00
	5.980	40460.	2168.7	2.5	21.8	0.0	203.78	4570.00
*	5.980	77690.	2174.1	5.4	21.2	0.0	235.29	4570.00
	6.600	13710.	2179.3	0.0	20.7	0.0	147.84	3150.00
	6.600	29800.	2182.7	3.4	16.5	0.0	159.30	3150.00
	6.600	40295.	2185.7	3.0	17.0	0.0	183.29	3150.00
	6.600	77370.	2195.6	9.9	21.5	0.0	316.40	3150.00
	6.930	13680.	2187.3	0.0	8.0	0.0	160.08	1700.00
	6.930	29735.	2199.4	12.1	16.7	0.0	378.25	1700.00
	6.930	40205.	2202.1	2.7	16.4	0.0	414.36	1700.00
	6.930	77195.	2209.7	7.5	14.0	0.0	513.90	1700.00
	6.930	13680.	2187.5	0.0	0.2	0.0	162.19	30.00
	6.930	29735.	2199.8	12.3	0.4	0.0	383.30	30.00
	6.930	40205.	2202.6	2.8	0.4	0.0	420.24	30.00
	6.930	77195.	2210.3	7.7	0.6	0.0	518.00	30.00
	7.380	13655.	2195.7	0.0	8.2	0.0	186.79	2370.00
	7.380	29645.	2204.7	9.0	4.9	0.0	250.74	2370.00
	7.380	40085.	2207.	2.8	4.8	0.0	254.07	2370.00
	7.380	76965.	2214.8	7.3	4.5	0.0	262.00	2370.00
*	8.240	13560.	2221.2	0.0	25.5	0.0	159.51	4360.00
*	8.240	29475.	2223.8	2.6	19.1	0.0	173.81	4360.00
*	8.240	39855.	2226.0	2.3	18.6	0.0	186.82	4360.00
*	8.240	76520.	2233.0	6.9	18.2	0.0	250.86	4360.00
	9.310	13460.	2258.9	0.0	37.7	0.0	127.86	5680.00
	9.310	29260.	2266.3	7.4	42.5	0.0	231.35	5680.00
	9.310	39565.	2269.0	2.7	43.0	0.0	243.69	5680.00
	9.310	75965.	2276.4	7.4	43.4	0.0	260.00	5680.00
*	9.980	12600.	2283.0	0.0	24.1	0.0	161.00	3570.00
	9.980	27385.	2290.9	7.9	24.6	0.0	270.95	3570.00
	9.980	37025.	2293.8	2.9	24.8	0.0	278.36	3570.00
	9.980	71080.	2302.2	8.4	25.8	0.0	294.00	3570.00
	9.980	12600.	2283.2	0.0	0.2	0.0	161.00	36.00
	9.980	27385.	2291.5	8.3	0.6	0.0	272.58	36.00
	9.980	37025.	2294.4	2.9	0.6	0.0	279.96	36.00
	9.980	71080.	2302.8	8.4	0.6	0.0	294.00	36.00

J11

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
					0.0	110.43	6465.00

24.480

25.140 4
25.310 4
25.340 4
26.050 4
26.050 4
26.370 4
26.970
27.480
27.480
28.180
28.500
28.810
28.810
28.970
29.890
30.600
30.920
31.240
31.240
31.710
32.360
32.770
33.580
33.580
33.800
34.530

J11

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	11.230	12480.	2326.7	0.0	43.5	0.0	110.43	6465.00
	11.230	27130.	2344.7	18.0	53.2	0.0	228.37	6465.00
	11.230	36680.	2347.1	2.4	52.7	0.0	244.19	6465.00
	11.230	70420.	2353.4	6.3	50.5	0.0	278.00	6465.00
	11.230	12480.	2327.6	0.0	0.9	0.0	113.46	37.00
	11.230	27130.	2345.0	17.4	0.3	0.0	230.26	37.00
	11.230	36680.	2347.5	2.4	0.3	0.0	246.52	37.00
	11.230	70420.	2353.9	6.5	0.5	0.0	278.00	37.00
*	12.000	12410.	2355.9	0.0	28.3	0.0	105.67	4100.00
	12.000	26975.	2364.0	8.1	19.0	0.0	141.88	4100.00
	12.000	36465.	2367.0	3.0	19.6	0.0	159.22	4100.00
	12.000	70015.	2374.8	7.8	20.9	0.0	225.29	4100.00
	12.260	12385.	2362.7	0.0	6.8	0.0	176.86	1545.00
	12.260	26920.	2369.5	6.9	5.5	0.0	205.11	1545.00
	12.260	36395.	2372.9	3.4	5.9	0.0	216.34	1545.00
	12.260	69875.	2381.9	9.0	7.1	0.0	233.00	1545.00
*	12.750	12335.	2372.7	0.0	10.0	0.0	133.30	2570.00
*	12.750	26820.	2377.4	4.7	7.8	0.0	159.99	2570.00
*	12.	36260.	2379.9	2.6	7.0	0.0	197.48	2570.00
*	12.	69620.	2387.0	7.1	5.2	0.0	230.56	2570.00
	12.750	12335.	2373.6	0.0	1.0	0.0	98.79	100.00
*	12.750	26820.	2379.3	5.7	1.9	0.0	124.47	100.00
*	12.750	36260.	2381.7	2.4	1.8	0.0	201.63	100.00
*	12.750	69320.	2389.4	7.6	2.3	0.0	236.39	100.00
*	12.750	12335.	2373.9	0.0	0.3	0.0	96.68	1.00
	12.750	26820.	2378.9	4.9	-0.4	0.0	100.00	1.00
*	12.750	36260.	2385.4	6.5	3.7	0.0	210.34	1.00
	12.750	69620.	2395.2	9.8	5.8	0.0	250.95	1.00
	12.750	12335.	2375.6	0.0	1.7	0.0	98.00	30.00
	12.750	26820.	2379.9	4.2	1.0	0.0	163.43	30.00
	12.750	36260.	2386.7	6.8	1.3	0.0	223.57	30.00
	12.750	69620.	2395.4	8.7	0.2	0.0	251.39	30.00
	12.750	12335.	2376.5	0.0	0.9	0.0	100.00	1.00
	12.750	26820.	2385.5	9.0	5.7	0.0	210.45	1.00
	12.750	36260.	2387.7	2.2	1.0	0.0	232.22	1.00
	12.750	69620.	2394.8	7.1	-0.6	0.0	249.97	1.00
	12.750	12335.	2377.4	0.0	0.9	0.0	160.16	25.00
	12.750	26820.	2386.3	8.9	0.8	0.0	212.29	25.00
	12.750	36260.	2388.8	2.5	1.1	0.0	235.05	25.00
	12.750	69620.	2396.6	7.8	1.8	0.0	254.54	25.00
	13.440	12270.	2388.2	0.0	10.7	0.0	119.20	3670.00
	13.440	26680.	2393.4	5.2	7.0	0.0	138.07	3670.00
	13.440	36070.	2397.1	3.7	8.3	0.0	162.36	3670.00
	13.440	69255.	2408.1	11.0	11.5	0.0	215.75	3670.00

K11

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
					0.0	122.76	35.00

13.440	36070.	2397.1	3.7	11.5	0.0	215.75	3670.00
13.440	69255.	2408.1	11.0	11.5	0.0	215.75	3670.00

K11

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	13.440	12270.	2389.6	0.0	1.4	0.0	122.76	35.00
	13.440	26680.	2395.4	5.8	2.0	0.0	151.23	35.00
	13.440	36070.	2398.6	3.2	1.5	0.0	172.21	35.00
	13.440	69255.	2409.8	11.2	1.7	0.0	223.63	35.00
	14.130	12205.	2408.1	0.0	18.5	0.0	146.49	3545.00
	14.130	26540.	2414.7	6.6	19.3	0.0	171.92	3545.00
	14.130	35880.	2417.9	3.2	19.3	0.0	181.71	3545.00
	14.130	68890.	2430.3	12.4	20.6	0.0	210.00	3545.00
	14.730	12150.	2416.2	0.0	8.2	0.0	172.65	3200.00
	14.730	26420.	2422.0	5.8	7.4	0.0	183.33	3200.00
	14.730	35715.	2425.2	3.1	7.3	0.0	200.48	3200.00
	14.730	68575.	2435.7	10.5	5.3	0.0	235.01	3200.00
*	14.730	12150.	2416.7	0.0	0.5	0.0	173.43	60.00
	14.730	26420.	2422.1	5.3	0.0	0.0	183.35	60.00
	14.730	35715.	2425.2	3.2	0.0	0.0	200.61	60.00
	14.730	68575.	2436.3	11.1	0.6	0.0	235.53	60.00
	14.730	12150.	2417.8	0.0	1.1	0.0	175.17	15.00
	14.730	26420.	2422.4	4.6	0.3	0.0	184.09	15.00
	14.730	35715.	2425.4	3.0	0.2	0.0	201.27	15.00
	14.730	68575.	2436.3	10.9	0.1	0.0	235.58	15.00
	14.730	12150.	2418.6	0.0	0.8	0.0	173.60	15.00
	14.730	26420.	2422.9	4.3	0.6	0.0	181.13	15.00
	14.730	35715.	2425.5	2.6	0.1	0.0	187.24	15.00
	14.730	68575.	2436.2	10.8	-0.1	0.0	233.95	15.00
	15.190	12105.	2427.2	0.0	8.6	0.0	136.33	2530.00
	15.190	26325.	2432.6	5.5	9.7	0.0	157.68	2530.00
	15.190	35585.	2435.3	2.6	9.8	0.0	170.57	2530.00
	15.190	68330.	2442.9	7.6	6.7	0.0	253.03	2530.00
	15.870	12045.	2442.3	0.0	15.1	0.0	139.47	3500.00
	15.870	26190.	2447.7	5.4	15.0	0.0	221.87	3500.00
	15.870	35400.	2450.6	2.9	15.3	0.0	302.82	3500.00
	15.870	67970.	2458.7	8.1	15.8	0.0	437.80	3500.00
	16.200	12010.	2447.4	0.0	5.2	0.0	136.00	1680.00
	16.200	26120.	2456.1	8.7	8.4	0.0	362.57	1680.00
	16.200	35310.	2459.4	3.3	8.8	0.0	507.55	1680.00
	16.200	67800.	2467.8	8.4	9.1	0.0	600.00	1680.00
	16.200	12010.	2447.6	0.0	0.2	0.0	137.26	30.00
	16.200	26120.	2456.9	9.3	0.8	0.0	425.08	30.00
	16.200	35310.	2459.9	3.0	0.6	0.0	517.24	30.00
	16.200	67800.	2468.1	8.2	0.4	0.0	600.00	30.00
	16.970	11940.	2457.5	0.0	9.9	0.0	124.99	4180.00
	16.970	25965.	2466.5	9.0	9.6	0.0	245.67	4180.00
	16.970	35095.	2469.0	2.5	9.1	0.0	252.00	4180.00
	16.970	67390.	2475.4	6.4	7.2	0.0	252.00	4180.00

L11

						TOPWID	XLCH

16.970	35095.	2467.0	6.2	7.2	0.0	252.00	4180.00
16.970	67390.	2475.4	6.4	7.2	0.0	252.00	4180.00

L11

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17.460	11895.	2463.8	0.0	6.3	0.0	340.21	2550.00
17.460	25865.	2470.0	6.3	3.6	0.0	615.71	2550.00
17.460	34960.	2473.3	3.3	4.3	0.0	629.15	2550.00
17.460	67135.	2482.3	9.0	6.9	0.0	666.08	2550.00
17.770	11865.	2469.7	0.0	5.9	0.0	531.40	1650.00
17.770	25800.	2473.5	3.8	3.5	0.0	615.06	1650.00
17.770	34875.	2476.0	2.5	2.7	0.0	682.30	1650.00
17.770	66970.	2484.1	8.1	1.8	0.0	761.63	1650.00
18.270	11815.	2474.0	0.0	4.2	0.0	325.32	2570.00
18.270	25700.	2478.6	4.6	5.1	0.0	779.23	2570.00
18.270	34740.	2480.8	2.2	4.8	0.0	832.34	2570.00
18.270	66705.	2487.8	7.0	3.7	0.0	849.10	2570.00
18.270	11815.	2474.0	0.0	0.1	0.0	309.07	100.00
18.270	25700.	2479.3	5.3	0.7	0.0	740.00	100.00
18.270	34740.	2482.0	2.7	1.2	0.0	846.69	100.00
18.270	66705.	2489.0	7.1	1.2	0.0	849.61	100.00
18.270	11815.	2473.9	0.0	-0.1	0.0	116.00	1.00
18.270	25700.	2479.2	5.3	-0.1	0.0	707.80	1.00
18.270	34740.	2482.3	3.1	0.3	0.0	825.43	1.00
18.270	66705.	2489.6	7.3	0.6	0.0	849.83	1.00
18.270	11815.	2474.1	0.0	0.2	0.0	116.00	19.00
18.270	25700.	2479.4	5.3	0.2	0.0	712.02	19.00
18.270	34740.	2482.4	3.0	0.1	0.0	835.44	19.00
18.270	66705.	2489.6	7.2	0.0	0.0	849.85	19.00
18.270	11815.	2474.6	0.0	0.5	0.0	345.76	1.00
18.270	25700.	2479.6	5.1	0.2	0.0	740.00	1.00
18.270	34740.	2482.3	2.6	-0.1	0.0	846.81	1.00
18.270	66705.	2489.4	7.1	-0.2	0.0	849.76	1.00
18.270	11815.	2475.1	0.0	0.6	0.0	409.45	25.00
18.270	25700.	2480.0	4.8	0.4	0.0	798.25	25.00
18.270	34740.	2482.3	2.3	0.0	0.0	846.83	25.00
18.270	66705.	2489.4	7.1	0.0	0.0	849.77	25.00
19.080	10580.	2482.7	0.0	7.6	0.0	819.05	4275.00
19.080	23000.	2486.0	3.3	6.0	0.0	1194.93	4275.00
19.080	31095.	2487.7	1.7	5.4	0.0	1217.46	4275.00
19.080	59710.	2493.3	5.6	3.9	0.0	1266.90	4275.00
19.780	10305.	2491.4	0.0	8.7	0.0	227.63	3750.00
19.780	22385.	2494.5	3.1	8.5	0.0	260.91	3750.00
19.780	30260.	2495.9	1.4	8.2	0.0	272.14	3750.00
19.780	58105.	2499.1	3.2	5.8	0.0	301.54	3750.00
20.250	10115.	2498.9	0.0	7.5	0.0	121.87	2550.00
20.250	21970.	2503.6	4.7	9.1	0.0	164.86	2550.00
20.250	29700.	2505.9	2.3	10.0	0.0	192.68	2550.00
20.250	57030.	2512.2	6.3	13.0	0.0	236.00	2550.00

M11

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	20.250	57030.	2512.2					

M11

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	20.960	9830.	2510.6	0.0	11.7	0.0	318.15	3770.00
	20.960	21340.	2515.0	4.4	11.4	0.0	548.57	3770.00
	20.960	28855.	2517.2	2.3	11.4	0.0	709.10	3770.00
	20.960	55405.	2523.9	6.7	11.8	0.0	811.00	3770.00
*	21.300	7695.	2516.6	0.0	6.0	0.0	110.86	1790.00
*	21.300	21040.	2521.7	5.0	6.7	0.0	137.97	1790.00
*	21.300	28450.	2523.8	2.1	6.6	0.0	144.92	1790.00
*	21.300	54630.	2530.3	6.5	6.4	0.0	197.28	1790.00
	21.520	9610.	2523.4	0.0	6.8	0.0	142.07	1130.00
	21.520	20850.	2530.2	6.7	8.5	0.0	172.18	1130.00
	21.520	28185.	2533.1	2.9	9.3	0.0	457.06	1130.00
	21.520	54125.	2541.5	8.4	11.2	0.0	711.41	1130.00
	21.520	9610.	2523.4	0.0	-0.0	0.0	122.54	1.00
	21.520	20850.	2530.1	6.7	-0.1	0.0	147.00	1.00
	21.520	28185.	2532.8	2.7	-0.3	0.0	150.26	1.00
	21.520	54125.	2542.6	9.8	1.1	0.0	721.13	1.00
	21.520	9610.	2523.5	0.0	0.2	0.0	123.21	30.00
	21.520	20850.	2530.4	6.9	0.3	0.0	147.00	30.00
	21.520	28185.	2533.4	3.0	0.6	0.0	230.86	30.00
	21.520	54125.	2542.8	9.4	0.2	0.0	722.99	30.00
	21.520	9610.	2523.8	0.0	0.3	0.0	143.33	1.00
	21.520	20850.	2531.0	7.2	0.6	0.0	218.11	1.00
	21.520	28185.	2535.5	4.5	2.1	0.0	557.58	1.00
	21.520	54125.	2542.3	6.8	-0.5	0.0	718.71	1.00
	22.050	9400.	2528.4	0.0	4.6	0.0	116.08	2990.00
	22.050	20380.	2534.4	6.0	3.4	0.0	177.60	2990.00
	22.050	27555.	2538.1	3.6	2.5	0.0	210.97	2990.00
	22.050	52910.	2544.9	6.9	2.6	0.0	273.79	2990.00
	22.850	9080.	2548.3	0.0	19.8	0.0	128.04	4150.00
	22.850	19675.	2551.5	3.2	17.1	0.0	142.86	4150.00
	22.850	26600.	2553.0	1.5	14.9	0.0	152.59	4150.00
	22.850	51080.	2559.4	6.4	14.4	0.0	165.61	4150.00
	22.850	9080.	2548.5	0.0	0.2	0.0	128.74	100.00
	22.850	19675.	2551.6	3.1	0.1	0.0	143.64	100.00
*	22.850	26600.	2553.0	1.4	0.0	0.0	152.61	100.00
*	22.850	51080.	2559.4	6.4	0.0	0.0	165.88	100.00
	22.850	9080.	2566.0	0.0	17.5	0.0	173.86	10.00
	22.850	19675.	2572.7	6.7	21.1	0.0	181.57	10.00
	22.850	26600.	2576.1	3.4	23.1	0.0	185.45	10.00
	22.850	51080.	2585.7	9.6	26.3	0.0	196.42	10.00
	22.850	9080.	2565.8	0.0	-0.1	0.0	163.00	25.00
	22.850	19675.	2572.5	6.6	-0.2	0.0	186.88	25.00
	22.850	26600.	2575.8	3.3	-0.3	0.0	198.94	25.00
	22.850	51080.	2585.3	9.5	-0.4	0.0	233.21	25.00

A12

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	23.350	8880.	2566.9	0.0	1.1	0.0	105.75	2665.00
	23.350	19235.	2573.5	6.6	1.0	0.0	119.11	2665.00
	23.350	26005.	2576.8	3.3	1.0	0.0	125.60	2665.00
	23.350	49935.	2585.9	9.1	0.6	0.0	147.05	2665.00
	24.140	8565.	2589.0	0.0	22.0	0.0	117.82	4160.00
	24.140	18540.	2592.4	3.4	18.9	0.0	133.66	4160.00
	24.140	25065.	2594.7	2.3	17.9	0.0	204.59	4160.00
	24.140	48130.	2601.9	7.2	16.0	0.0	334.37	4160.00
	24.480	7875.	2596.9	0.0	8.0	0.0	166.99	1710.00
	24.480	17110.	2601.9	5.0	9.5	0.0	186.10	1710.00
	24.480	23140.	2604.7	2.7	9.9	0.0	198.64	1710.00
	24.480	44430.	2611.1	6.5	9.2	0.0	251.69	1710.00
*	24.480	7875.	2597.6	0.0	0.7	0.0	169.82	1.00
	24.480	17110.	2601.2	3.6	-0.7	0.0	183.83	1.00
	24.480	23140.	2604.2	3.0	-0.5	0.0	197.78	1.00
	24.480	44430.	2610.9	6.7	-0.2	0.0	250.75	1.00
	24.480	7875.	2598.7	0.0	1.1	0.0	173.54	10.00
	24.480	17110.	2601.8	3.1	0.6	0.0	186.29	10.00
	24.480	23140.	2604.4	2.6	0.2	0.0	198.87	10.00
	24.480	44430.	2611.1	6.6	0.1	0.0	251.33	10.00
	24.480	7875.	2599.6	0.0	1.0	0.0	177.19	1.00
	24.480	17110.	2603.2	3.6	1.4	0.0	192.08	1.00
	24.480	23140.	2605.6	2.3	1.1	0.0	202.67	1.00
	24.480	44430.	2611.7	6.1	0.6	0.0	254.14	1.00
*	25.140	7795.	2616.1	0.0	16.5	0.0	58.63	3480.00
*	25.140	16935.	2622.7	6.6	19.5	0.0	85.10	3480.00
*	25.140	22900.	2626.2	3.5	20.6	0.0	98.90	3480.00
*	25.140	43970.	2636.7	10.5	25.0	0.0	178.00	3480.00
*	25.310	7775.	2623.7	0.0	7.6	0.0	58.39	895.00
*	25.310	16890.	2630.3	6.6	7.6	0.0	85.09	895.00
*	25.310	22835.	2633.8	3.5	7.6	0.0	98.95	895.00
*	25.310	43850.	2644.4	10.6	7.6	0.0	178.14	895.00
*	25.340	7770.	2633.5	0.0	9.8	0.0	58.58	160.00
*	25.340	16880.	2640.1	6.6	9.8	0.0	85.04	160.00
*	25.340	22825.	2643.6	3.5	9.8	0.0	98.90	160.00
*	25.340	43825.	2654.1	10.5	9.8	0.0	178.02	160.00
	26.050	7680.	2649.2	0.0	15.7	0.0	230.04	3775.00
	26.050	16690.	2654.9	5.7	14.8	0.0	472.05	3775.00
	26.050	22565.	2658.4	3.5	14.8	0.0	499.35	3775.00
	26.050	43330.	2669.0	10.6	14.9	0.0	550.00	3775.00
*	26.050	7680.	2649.9	0.0	0.8	0.0	257.24	40.00
	26.050	16690.	2655.0	5.1	0.2	0.0	473.14	40.00
	26.050	22565.	2658.8	3.8	0.4	0.0	502.43	40.00
	26.050	43330.	2669.6	10.7	0.5	0.0	550.00	40.00

B12

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH

B12

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	26.050	7680.	2650.6	0.0	0.7	0.0	310.56	15.00
	26.050	16690.	2655.1	4.5	0.0	0.0	473.41	15.00
	26.050	22565.	2658.8	3.8	0.0	0.0	502.51	15.00
	26.050	43330.	2669.6	10.7	0.0	0.0	550.00	15.00
	26.050	7680.	2651.4	0.0	0.8	0.0	316.63	10.00
	26.050	16690.	2655.2	3.8	0.1	0.0	474.38	10.00
	26.050	22565.	2658.8	3.6	-0.0	0.0	502.18	10.00
	26.050	43330.	2669.5	10.7	-0.1	0.0	550.00	10.00
	26.370	7640.	2653.5	0.0	2.2	0.0	537.14	1665.00
	26.370	16600.	2657.4	3.8	2.2	0.0	654.37	1665.00
	26.370	22450.	2660.2	2.8	1.4	0.0	888.63	1665.00
	26.370	43105.	2670.3	10.1	0.8	0.0	1173.09	1665.00
	26.970	7565.	2674.4	0.0	20.9	0.0	142.91	3300.00
*	26.970	16440.	2677.1	2.7	19.8	0.0	330.09	3300.00
*	26.970	22230.	2679.1	1.9	18.9	0.0	368.62	3300.00
*	26.970	42685.	2683.7	4.6	13.3	0.0	383.39	3300.00
	27.480	7500.	2692.4	0.0	18.0	0.0	291.04	2620.00
	27.480	16305.	2699.6	7.2	22.5	0.0	539.72	2620.00
	27.480	22045.	2701.4	1.9	22.4	0.0	579.42	2620.00
	27.480	42330.	2706.8	5.4	23.1	0.0	585.00	2620.00
	27.480	7500.	2692.6	0.0	0.2	0.0	310.78	34.00
	27.480	16305.	2699.7	7.1	0.1	0.0	542.62	34.00
	27.480	22045.	2701.5	1.9	0.1	0.0	579.57	34.00
	27.480	42330.	2706.9	5.3	0.1	0.0	585.00	34.00
	28.180	7415.	2709.2	0.0	16.6	0.0	349.06	3685.00
	28.180	16115.	2711.3	2.1	11.6	0.0	356.90	3685.00
	28.180	21790.	2712.6	1.3	11.0	0.0	361.77	3685.00
	28.180	41840.	2716.2	3.6	9.3	0.0	494.91	3685.00
	28.500	7375.	2719.4	0.0	10.3	0.0	93.44	1640.00
	28.500	16030.	2723.7	4.3	12.2	0.0	416.94	1640.00
	28.500	21670.	2725.3	1.6	12.7	0.0	509.70	1640.00
	28.500	41615.	2729.4	4.1	13.2	0.0	534.51	1640.00
	28.810	7335.	2725.7	0.0	6.2	0.0	83.68	890.00
	28.810	15945.	2733.9	8.2	10.2	0.0	450.67	890.00
	28.810	21560.	2736.4	2.6	11.1	0.0	522.73	890.00
	28.810	41400.	2741.1	4.6	11.6	0.0	542.89	890.00
	28.810	7335.	2726.3	0.0	0.7	0.0	86.47	34.00
	28.810	15945.	2735.5	9.2	1.7	0.0	514.79	34.00
	28.810	21560.	2737.3	1.8	0.8	0.0	526.44	34.00
	28.810	41400.	2741.6	4.3	0.6	0.0	545.31	34.00
	28.970	7315.	2731.9	0.0	5.6	0.0	97.03	1690.00
	28.970	15900.	2739.8	7.9	4.3	0.0	171.78	1690.00
	28.970	21500.	2741.8	2.0	4.5	0.0	190.84	1690.00
	28.970	41285.	2746.5	4.8	4.9	0.0	216.05	1690.00

C12

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH

DIK
23.97
11.97
12.30
62.82
67.89
32.45
81.95
12.27
20.91
73.71
88.57
42.92
425.47
242.76
548.18
177.00
992.57
623.54
143.15
559.25
578.84
370.40
403.94
428.52
471.26
1290.96
2214.51
5171.43
674.23
1451.77
2293.81
5243.21
2925.06
5305.91
7141.00
3145.15
919.36
2211.06
3080.84
6769.68
917.94
2210.74
3084.15
6783.13

C12

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	29.890	7200.	2756.3	0.0	24.4	0.0	156.34	4800.00
*	29.890	15655.	2759.4	3.1	19.6	0.0	331.46	4800.00
*	29.890	21165.	2760.8	1.4	19.0	0.0	372.16	4800.00
	29.890	40645.	2768.3	7.6	21.8	0.0	465.70	4800.00
	30.600	7110.	2785.3	0.0	28.9	0.0	243.86	3810.00
	30.600	15460.	2787.6	2.3	28.2	0.0	469.97	3810.00
	30.600	20905.	2788.7	1.1	27.9	0.0	527.42	3810.00
*	30.600	40145.	2791.1	2.4	22.8	0.0	942.27	3810.00
*	30.920	7070.	2798.2	0.0	13.0	0.0	105.04	1600.00
*	30.920	15375.	2801.(	3.7	14.3	0.0	133.76	1600.00
*	30.920	20785.	2804..	2.4	15.6	0.0	299.29	1600.00
*	30.920	39920.	2809.5	5.2	18.4	0.0	516.42	1600.00
	31.240	7030.	2812.5	0.0	14.2	0.0	193.42	1630.00
	31.240	15290.	2819.9	7.4	18.0	0.0	525.99	1630.00
	31.240	20670.	2822.5	2.7	18.2	0.0	604.35	1630.00
	31.240	39700.	2826.8	4.2	17.3	0.0	650.00	1630.00
	31.240	7030.	2812.5	0.0	0.1	0.0	196.32	34.00
	31.240	15290.	2820.0	7.5	0.2	0.0	531.33	34.00
	31.240	20570.	2822.7	2.7	0.2	0.0	607.47	34.00
	31.240	39700.	2826.9	4.2	0.2	0.0	650.00	34.00
*	31.710	6975.	2826.6	0.0	14.1	0.0	113.06	2515.00
*	31.710	15165.	2830.8	4.2	10.8	0.0	468.04	2515.00
*	31.710	20500.	2832.1	1.3	9.4	0.0	553.09	2515.00
	31.710	39370.	2835.7	3.5	8.7	0.0	1009.82	2515.00
	32.360	5835.	2861.7	0.0	35.1	0.0	376.68	3450.00
	32.360	12695.	2863.5	1.8	32.7	0.0	633.74	3450.00
*	32.360	17160.	2864.6	1.1	32.5	0.0	726.39	3450.00
*	32.360	32950.	2867.2	2.6	31.5	0.0	963.95	3450.00
	32.770	5700.	2877.1	0.0	15.4	0.0	592.00	2230.00
	32.770	12395.	2879.0	2.8	16.4	0.0	774.09	2230.00
	32.770	16760.	2881.1	1.1	16.5	0.0	795.21	2230.00
	32.770	32180.	2884.1	3.0	16.9	0.0	931.89	2230.00
	33.580	5435.	2925.9	0.0	48.8	0.0	82.65	4410.00
*	33.580	11810.	2930.0	4.0	50.0	0.0	513.75	4410.00
*	33.580	15970.	2932.3	2.3	51.2	0.0	635.00	4410.00
*	33.580	30660.	2933.5	1.2	49.4	0.0	725.90	4410.00
	33.580	5435.	2926.3	0.0	0.4	0.0	84.24	20.00
	33.580	11810.	2931.4	5.1	1.5	0.0	592.34	20.00
	33.580	15970.	2932.9	1.5	0.6	0.0	682.84	20.00
	33.580	30660.	2935.5	2.6	1.9	0.0	835.00	20.00
	33.800	5360.	2934.0	0.0	7.7	0.0	79.64	1160.00
*	33.800	11650.	2938.8	4.8	7.4	0.0	515.79	1160.00
*	33.800	15755.	2940.1	1.3	7.2	0.0	587.54	1160.00
	33.800	30250.	2942.5	2.3	7.0	0.0	734.57	1160.00

.DIK
917.59

D12

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
					0.0	156.23	3790.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	34.530	5120.	2973.0	0.0	39.0	0.0	156.23	3790.00
*	34.530	11120.	2976.2	3.2	37.4	0.0	350.52	3790.00
*	34.530	15040.	2977.5	1.3	37.4	0.0	355.85	3790.00
*	34.530	28880.	2981.2	3.7	38.8	0.0	493.12	3790.00

SUMMARY OF ERRORS

CAUTION SECNO= 5.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5.000 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 5.000 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 5.980 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5.980 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 8.240 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 8.240 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8.240 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8.240 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 9.980 PROFILE= 1
WSEL ASSUMED BASED ON MIN DIFF
CAUTION SECNO= 9.980 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 12.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 12.750 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 12.750 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 14.730 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 21.300 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 21.300 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 21.300 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 21.300 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 22.850 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 23.850 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 21.300 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 21.300 PROFILE= 4 CRITICAL DEPTH ASSUMED

E12

CAUTION SECNO= 22.850 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 22.850 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 24.480 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 24.480 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 24.480 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 25.140 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.140 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.140 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.140 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.140 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.140 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.140 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.140 PROFILE= 3
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.140 PROFILE= 3
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.140 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.140 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.140 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 25.310 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.310 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.310 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.310 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.310 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.310 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 25.340 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.340 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.340 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.340 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.340 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.340 PROFILE= 3
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 3
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 25.340 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 25.340 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

F12

CAUTION SECNO= 26.050 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.050 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 25.340 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

F12

CAUTION SECNO= 26.050 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.050 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.050 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 26.970 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.970 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.970 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 26.970 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.970 PROFILE= 3
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.970 PROFILE= 3
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 26.970 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 26.970 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 26.970 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 29.890 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 29.890 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 29.890 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 30.600 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 30.920 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 30.920 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 30.920 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 30.920 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 31.710 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 31.710 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 31.710 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 31.710 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 31.710 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 32.360 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 32.360 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 33.580 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 33.580 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 33.580 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 33.800 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 33.800 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 34.530 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 34.530 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 34.530 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 34.530 PROFILE= 4 CRITICAL DEPTH ASSUMED

G12

CANE RIVER

G12

CANE RIVER

YANCEY COUNTY NC FEMA ST

	500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
MILE	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.020	81555.	2047.8	42490.	2041.8	31420.	2039.7	14460.	2035.3
0.270	81520.	2057.4	42470.	2049.8	31405.	2045.9	14455.	2040.9
0.270	81520.	2059.3	42470.	2050.1	31405.	2046.2	14455.	2041.0
0.970	81425.	2072.2	42415.	2062.4	31365.	2057.7	14435.	2051.3
1.550	81340.	2076.9	42370.	2068.3	31335.	2065.8	14415.	2060.2
2.000	81280.	2083.6	42335.	2074.9	31310.	2072.0	14405.	2067.2
2.750	81170.	2096.9	42280.	2091.2	31270.	2089.1	14380.	2084.4
3.520	81065.	2128.2	42220.	2118.2	31225.	2114.4	14360.	2101.7
3.520	81065.	2128.2	42220.	2118.3	31225.	2114.5	14360.	2101.8
4.220	78600.	2132.7	40935.	2124.5	30275.	2121.6	13930.	2113.8
5.000	78600.	2142.9	40935.	2136.1	30275.	2133.1	13930.	2131.6
5.140	48125.	2152.8	40690.	2146.4	30090.	2142.5	13845.	2133.8
5.140	48125.	2152.9	40690.	2147.0	30090.	2142.8	13845.	2134.0
5.980	77690.	2174.1	40460.	2168.7	29925.	2166.3	13765.	2158.6
6.600	77370.	2195.6	40295.	2185.7	29800.	2182.7	13710.	2179.3
6.930	77195.	2209.7	40205.	2202.1	29735.	2199.4	13680.	2187.3
6.930	77195.	2210.3	40205.	2202.6	29735.	2199.8	13680.	2187.5
7.380	76965.	2214.8	40085.	2207.4	29645.	2204.7	13635.	2195.7
8.240	76520.	2233.0	39855.	2226.0	29475.	2223.8	13560.	2221.2
9.310	75965.	2276.4	39565.	2269.0	29260.	2266.3	13460.	2258.9
9.980	71080.	2302.2	37025.	2293.8	27385.	2290.9	12600.	2283.0
9.980	71080.	2302.8	37025.	2294.4	27385.	2291.5	12600.	2283.2
11.230	70420.	2353.4	36680.	2347.1	27130.	2344.7	12480.	2326.7
11.230	70420.	2353.9	36680.	2347.5	27130.	2345.0	12480.	2327.6
12.090	70015.	2374.8	36465.	2367.0	26975.	2364.0	12410.	2355.9
12.260	69875.	2381.9	36395.	2372.9	26920.	2369.5	12385.	2362.7

H12

12.750	69620.	2387.0	36260.	2379.9	26820.	2377.4	12335.	2372.7
12.750	69620.	2396.6	36260.	2388.8	26820.	2386.3	12335.	2377.4

12.260	69875.	2381.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

H12

12.750	69620.	2387.0	36260.	2379.9	26820.	2377.4	12335.	2372.7
12.750	69620.	2396.6	36260.	2388.8	26820.	2386.3	12335.	2377.4
13.440	69255.	2408.1	36070.	2397.1	26680.	2393.4	12270.	2388.2
13.440	69255.	2409.8	36070.	2398.6	26680.	2395.4	12270.	2389.6
14.130	68890.	2430.3	35880.	2417.9	26540.	2414.7	12205.	2408.1
14.730	68575.	2435.7	35715.	2425.2	26420.	2422.0	12150.	2416.2
14.730	68575.	2436.2	35715.	2425.5	26420.	2422.9	12150.	2418.6
15.190	68330.	2442.9	35585.	2435.3	26325.	2432.6	12105.	2427.2
15.870	67970.	2458.7	35400.	2450.6	26190.	2447.7	12045.	2442.3
16.200	67800.	2467.8	35310.	2459.4	26120.	2456.1	12010.	2447.4
16.200	67800.	2468.1	35310.	2459.9	26120.	2456.9	12010.	2447.6
16.970	67390.	2475.4	35095.	2469.0	25965.	2466.5	11940.	2457.5
17.460	67135.	2482.3	34960.	2473.3	25865.	2470.0	11895.	2463.8
17.770	66970.	2484.1	34875.	2476.0	25800.	2473.5	11865.	2469.7
18.270	66705.	2487.8	34740.	2480.8	25700.	2478.6	11815.	2474.0
18.270	66705.	2489.4	34740.	2482.3	25700.	2480.0	11815.	2475.1
19.080	59710.	2493.3	31095.	2487.7	23000.	2486.0	10580.	2482.7
19.780	58105.	2499.1	30260.	2495.9	22385.	2494.5	10305.	2491.4
20.250	57030.	2512.2	29700.	2505.9	21970.	2503.6	10115.	2498.9
20.960	55405.	2523.9	28855.	2517.2	21340.	2515.0	9830.	2510.6
21.300	54630.	2530.3	28450.	2523.8	21040.	2521.7	7695.	2516.6
21.520	54125.	2541.5	28185.	2533.1	20850.	2530.2	9610.	2523.4
21.520	54125.	2542.3	28185.	2535.5	20850.	2531.0	9610.	2523.8
22.050	52910.	2544.9	27555.	2538.1	20380.	2534.4	9400.	2528.4
22.850	51080.	2559.4	26600.	2553.0	19675.	2551.5	9080.	2548.3
22.850	51080.	2585.3	26600.	2575.8	19675.	2572.5	9080.	2565.8
23.350	49935.	2585.9	26005.	2576.8	19235.	2573.5	8880.	2566.9
24.140	48130.	2601.9	25065.	2594.7	18540.	2592.4	8565.	2589.0
24.480	44430.	2611.1	23140.	2604.7	17110.	2601.9	7875.	2596.9
24.480	44430.	2611.7	23140.	2605.6	17110.	2605.2	7875.	2599.6

I12

25.140	43970.	2636.7	22900.	2626.2	16935.	2622.7	7795.	2616.1
25.310	43850.	2644.4	22835.	2633.8	16890.	2630.3	7775.	2623.7

24.480	44430.	2611.7	23140.	2605.6	17110.	2603.2	7815.	2597.0

I12

25.140	43970.	2636.7	22900.	2626.2	16935.	2622.7	7795.	2616.1
25.310	43850.	2644.4	22835.	2633.8	16890.	2630.3	7775.	2623.7
25.340	43825.	2654.1	22825.	2643.6	16880.	2640.1	7770.	2633.5
26.050	43330.	2669.0	22565.	2658.4	16690.	2654.9	7680.	2649.2
26.050	43330.	2669.5	22565.	2658.8	16690.	2655.2	7680.	2651.4
26.370	43105.	2670.3	22450.	2660.2	16600.	2657.4	7640.	2653.5
26.970	42685.	2683.7	22230.	2679.1	16440.	2677.1	7565.	2674.4
27.480	42330.	2706.8	22045.	2701.4	16305.	2699.6	7500.	2692.4
27.480	42330.	2706.9	22045.	2701.5	16305.	2699.7	7500.	2692.6
28.180	41840.	2716.2	21790.	2712.6	16115.	2711.3	7415.	2709.2
28.500	41615.	2729.4	21670.	2725.3	16030.	2723.7	7375.	2719.4
28.810	41400.	2741.1	21560.	2736.4	15945.	2733.9	7335.	2725.7
28.810	41400.	2741.6	21560.	2737.3	15945.	2735.5	7335.	2726.3
28.970	41285.	2746.5	21500.	2741.8	15900.	2739.8	7315.	2731.9
29.890	40645.	2768.3	21165.	2760.8	15655.	2759.4	7200.	2756.3
30.600	40145.	2791.1	20905.	2788.7	15460.	2787.6	7110.	2785.3
30.920	39920.	2809.5	20785.	2804.3	15375.	2801.9	7070.	2798.2
31.240	39700.	2826.8	20670.	2822.5	15290.	2819.9	7030.	2812.5
31.240	39700.	2826.9	20670.	2822.7	15290.	2820.0	7030.	2812.5
31.710	39370.	2835.7	20500.	2832.1	15165.	2830.8	6975.	2826.6
32.360	32950.	2867.2	17160.	2864.6	12695.	2863.5	5835.	2861.7
32.770	32180.	2884.1	16760.	2881.1	12395.	2879.9	5700.	2877.1
33.580	30660.	2933.5	15970.	2932.3	11810.	2930.0	5435.	2925.9
33.580	30660.	2935.5	15970.	2932.9	11810.	2931.4	5435.	2926.3
33.800	30250.	2942.5	15755.	2940.1	11650.	2938.8	5360.	2934.0
34.530	28880.	2981.2	15040.	2977.5	11120.	2976.2	5120.	2973.0