

BEAR  
SWAMP

THIS RUN EXECUTED 6 MAR 86 16:22:55

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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C  
 T1 ROBESON COUNTY, N.C. FIS  
 T2 JAN 1986  
 T3 DEAR SWAMP 10-YEAR FLOOD

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	0.	2.	0.	0.	0.002700	0.00	0.0	0.	117.000	0.000
J2	NPROF	LPLDT	PREVS	ASECV	ASECH	EN	ALLDC	IBM	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	0.000	204.000	-77.000	243.000	268.000	335.000	0.000	0.000	0.000

NC	0.150	0.150	0.080	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	5.000	925.000	1695.000	2110.000	3345.000	2110.000	0.000	0.000	0.000	0.000
X1	0.000	9.000	1975.000	2025.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	127.000	0.000	125.000	750.000	120.000	950.000	115.000	1975.000	112.100	2000.000
GR	115.000	2025.000	120.000	2350.000	125.000	2720.000	127.000	3600.000	0.000	0.000
X1	14.000	23.000	1602.000	4659.000	700.000	1100.000	1400.000	0.000	0.000	0.000
X4	2.000	117.000	1626.000	118.000	4627.000	0.000	0.000	0.000	0.000	0.000
GR	128.000	3100.000	126.100	4000.000	125.200	4170.000	124.000	4200.000	123.000	4300.000
GR	122.300	4400.000	121.900	4500.000	120.000	4602.000	117.900	4625.000	119.000	4636.000
GR	119.300	4659.000	121.400	4700.000	119.900	4800.000	121.700	4900.000	123.900	5000.000
GR	123.500	5100.000	123.300	5200.000	123.700	5300.000	123.400	5400.000	123.800	5500.000
GR	124.500	5600.000	125.200	5700.000	130.000	6700.000	0.000	0.000	0.000	0.000
X1	22.600	16.000	3252.000	3300.000	1150.000	700.000	860.000	0.000	0.000	0.000
GR	130.000	1800.000	125.000	2080.000	123.100	3100.000	123.000	3252.000	119.900	3256.000
GR	118.300	3272.000	119.200	3289.000	122.800	3300.000	124.000	3400.000	125.300	3500.000
GR	125.200	3600.000	124.700	3700.000	124.500	3800.000	125.800	3900.000	126.800	4000.000
GR	130.000	5350.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.400	0.800	0.000	0.000	0.000	0.000	0.000
X1	23.650	20.000	3248.000	3304.000	105.000	105.000	105.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	125.000	125.000	0.000
GR	130.000	1800.000	125.000	2080.000	123.100	3100.000	123.000	3248.000	119.900	3255.000
GR	118.700	3266.000	118.800	3267.000	118.900	3268.000	119.100	3284.000	119.200	3285.000
GR	119.300	3291.000	122.800	3304.000	124.000	3400.000	125.300	3500.000	125.200	3600.000
GR	124.700	3700.000	124.500	3800.000	125.800	3900.000	126.800	4000.000	130.000	5350.000

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5	NH	5.000	0.150	1775.000	0.100	1818.000	0.150	2300.000	0.100	2400.000	0.150
6	NH	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	OT	5.000	845.000	1550.000	1930.000	3065.000	1930.000	0.000	0.000	0.000	0.000
8	X1	142.000	25.000	1775.000	1818.000	2500.000	2300.000	2700.000	0.000	0.000	0.000
9	GR	142.500	1000.000	140.000	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
10	GR	133.000	1500.000	130.500	1600.000	131.400	1700.000	130.200	1775.000	126.900	1800.000
11	GR	130.100	1817.000	131.700	1818.000	133.500	1900.000	133.000	2000.000	134.300	2100.000
12	GR	133.900	2200.000	133.700	2300.000	130.600	2383.000	132.400	2400.000	134.500	2500.000
13	GR	135.400	2600.000	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000
14	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000
15	NH	5.000	0.150	1752.000	0.100	1842.000	0.150	2380.200	0.100	2385.100	0.150
16	NH	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	X1	143.050	29.000	1752.000	2385.000	105.000	105.000	105.000	0.000	0.000	0.000
18	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	135.000	135.000	0.000
19	GR	142.500	1000.000	140.000	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
20	GR	133.000	1500.000	130.500	1600.000	131.400	1700.000	130.300	1752.000	130.200	1776.000
21	GR	127.000	1787.000	131.600	1810.000	131.700	1842.000	133.500	1900.000	133.000	2000.000
22	GR	134.300	2100.000	133.900	2200.000	133.700	2300.000	133.000	2380.200	130.600	2380.300
23	GR	130.600	2385.000	132.000	2385.100	132.400	2400.000	134.500	2500.000	135.400	2600.000
24	GR	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000	0.000	0.000
25	NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	X1	143.070	36.000	1765.000	2386.000	2.000	2.000	2.000	0.000	0.000	0.000
27	BT	-23.000	1765.000	139.200	139.200	1769.000	139.200	137.400	1797.000	139.200	137.400
28	BT	0.000	1797.000	139.200	128.000	1798.000	139.200	127.600	1798.000	139.200	137.400
29	BT	0.000	1825.000	139.200	137.400	1825.000	139.200	132.000	1826.000	139.200	132.300
30	BT	0.000	1826.000	139.200	137.400	1848.000	139.200	137.400	1855.000	139.200	139.200
31	BT	0.000	1900.000	139.000	139.000	2000.000	138.800	138.800	2100.000	138.500	138.500
32	BT	0.000	2200.000	138.500	138.500	2300.000	138.400	138.400	2381.200	138.500	138.500
33	BT	0.000	2381.200	138.500	131.000	2381.200	138.500	137.000	2386.000	138.500	137.000
34	BT	0.000	2386.000	138.500	131.000	2386.100	138.500	138.500	0.000	0.000	0.000
35	GR	150.000	0.000	145.000	740.000	141.000	1000.000	139.800	1100.000	138.900	1200.000
36	GR	138.300	1300.000	138.000	1400.000	138.000	1500.000	137.900	1600.000	139.200	1765.000
37	GR	137.400	1769.000	132.000	1783.000	128.000	1797.000	127.600	1798.000	127.100	1800.000
38	GR	131.800	1824.000	132.000	1825.000	132.300	1826.000	137.400	1848.000	139.200	1855.000
39	GR	139.000	1900.000	138.800	2000.000	138.500	2100.000	138.500	2200.000	138.400	2300.000
40	GR	138.500	2381.200	131.000	2381.200	131.000	2386.000	138.500	2386.100	138.100	2500.000
41	GR	138.500	2600.000	138.600	2700.000	138.800	2800.000	139.500	2900.000	141.100	3000.000
42	GR	145.000	3410.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	NC HWY 1550										
44	X1	143.330	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000
45	X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
46	NH	5.000	0.150	1752.000	0.100	1842.000	0.150	2380.200	0.100	2385.100	0.150
47	NH	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	X1	143.350	29.000	1752.000	2385.000	2.000	2.000	2.000	0.000	0.000	0.000
49	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	137.900	138.100	0.000
50	GR	142.500	1000.000	140.000	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
51	GR	133.000	1500.000	130.500	1600.000	131.400	1700.000	130.300	1752.000	130.200	1776.000
52	GR	127.000	1787.000	131.600	1810.000	131.700	1842.000	133.500	1900.000	133.000	2000.000
53	GR	134.300	2100.000	133.900	2200.000	133.700	2300.000	133.000	2380.200	130.600	2380.300

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4	GR	130.600	2385.000	132.000	2385.100	132.400	2400.000	134.500	2500.000	135.400	2600.000
5	GR	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000	0.000	0.000
6	NH	5.000	0.150	1775.000	0.100	1818.000	0.150	2300.000	0.100	2400.000	0.150
7	NH	300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	X1	103.700	25.000	1775.000	1818.000	35.000	35.000	35.000	0.000	0.000	0.000
9	GR	142.500	1000.000	140.000	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
10	GR	133.000	1500.000	130.500	1600.000	131.300	1700.000	130.200	1775.000	126.900	1800.000
11	GR	130.100	1817.000	131.700	1818.000	133.500	1900.000	133.000	2000.000	134.300	2100.000
12	GR	133.900	2200.000	133.700	2300.000	130.600	2383.000	132.400	2400.000	134.500	2500.000
13	GR	135.400	2600.000	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000
14	NC	0.150	0.150	0.100	0.200	0.400	0.000	0.000	0.000	0.000	0.000
15	X1	168.000	34.000	1800.000	1829.000	2200.000	2400.000	2430.000	0.000	0.000	0.000
16	X4	2.000	132.900	1813.000	132.000	1814.000	0.000	0.000	0.000	0.000	0.000
17	GR	145.000	1000.000	143.000	1100.000	139.500	1200.000	130.400	1300.000	134.300	1400.000
18	GR	134.200	1500.000	134.800	1600.000	134.500	1700.000	135.000	1800.000	133.700	1805.000
19	GR	132.800	1815.000	133.900	1825.000	135.500	1829.000	134.500	1900.000	134.600	2000.000
20	GR	134.800	2045.000	133.200	2058.000	134.300	2070.000	134.800	2100.000	134.600	2200.000
21	GR	134.900	2300.000	134.600	2400.000	134.200	2440.000	133.300	2449.000	134.100	2455.000
22	GR	134.600	2500.000	134.900	2600.000	134.600	2700.000	134.500	2800.000	134.600	2900.000
23	GR	134.800	3000.000	140.000	3090.000	145.000	3140.000	150.000	3190.000	0.000	0.000
24	X1	180.000	11.000	980.000	1020.000	1120.000	1150.000	1200.000	0.000	0.000	0.000
25	GR	150.000	440.000	145.000	540.000	140.000	630.000	137.000	750.000	135.000	980.000
26	GR	132.700	1000.000	135.000	1020.000	137.000	1800.000	140.000	2220.000	145.000	2290.000
27	GR	150.000	2330.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	X1	193.000	11.000	980.000	1020.000	1200.000	1250.000	1300.000	0.000	0.000	0.000
29	GR	150.000	150.000	145.000	200.000	140.000	290.000	138.000	400.000	136.000	980.000
30	GR	133.500	1000.000	136.000	1020.000	138.000	1600.000	140.000	1820.000	145.000	1920.000
31	GR	150.000	2000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	X1	201.000	13.000	950.000	1050.000	750.000	800.000	800.000	0.000	0.000	0.000
33	X4	2.000	136.000	990.000	136.900	1010.000	0.000	0.000	0.000	0.000	0.000
34	GR	152.000	0.000	150.000	50.000	145.000	140.000	140.000	290.000	139.000	950.000
35	GR	137.000	980.000	134.000	1000.000	137.000	1020.000	139.000	1050.000	140.000	1550.000
36	GR	145.000	1590.000	150.000	1660.000	155.000	1800.000	0.000	0.000	0.000	0.000
37	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000
38	X1	202.820	17.000	963.000	1037.000	160.000	170.000	182.000	0.000	0.000	0.000
39	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	142.500	142.500	0.000
40	GR	152.000	0.000	150.000	50.000	145.000	140.000	140.000	290.000	139.000	950.000
41	GR	139.000	963.000	139.000	971.000	137.500	973.000	134.200	994.000	138.000	1017.000
42	GR	139.000	1020.000	139.000	1037.000	139.000	1050.000	140.000	1550.000	145.000	1590.000
43	GR	150.000	1660.000	155.000	1800.000	0.000	0.000	0.000	0.000	0.000	0.000
44	NC	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	X1	202.840	30.000	1886.000	1960.000	2.000	2.000	2.000	0.000	0.000	0.000
46	BT	-8.000	1886.000	146.600	146.600	1888.000	146.600	145.200	1922.500	146.600	145.200
47	BT	0.000	1922.500	146.600	135.100	1924.000	146.600	135.300	1924.000	146.600	145.200
48	BT	0.000	1957.000	146.600	145.200	1960.000	146.600	146.600	0.000	0.000	0.000
49	GR	150.000	900.000	147.000	1000.000	145.500	1100.000	144.000	1200.000	143.300	1300.000
50	GR	143.400	1400.000	143.500	1500.000	144.100	1600.000	144.900	1700.000	145.900	1800.000

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4	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	150.000	2700.000
5	SB	1.050	1.600	2.800	0.000	20.000	1.000	266.000	1.900	143.200	143.200
7	X1	319.170	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000
8	X2	0.000	0.000	1.000	151.000	152.300	0.000	0.000	0.000	0.000	0.000
9	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	152.300	152.800	0.000
10	BT	-20.000	1000.000	150.100	0.000	1100.000	159.000	0.000	1200.000	157.900	0.000
11	BT	0.000	1300.000	156.400	0.000	1400.000	155.500	0.000	1500.000	154.200	0.000
12	BT	0.000	1600.000	153.200	0.000	1700.000	153.000	0.000	1800.000	152.800	0.000
13	BT	0.000	1900.000	152.400	0.000	2000.000	152.300	0.000	2125.000	152.800	0.000
14	BT	0.000	2175.000	152.800	0.000	2300.000	153.800	0.000	2400.000	155.000	0.000
15	BT	0.000	2500.000	156.300	0.000	2600.000	157.000	0.000	2700.000	158.100	0.000
16	BT	0.000	2800.000	159.000	0.000	2900.000	160.100	0.000	0.000	0.000	0.000
19	X1	319.500	20.000	2125.000	2175.000	33.000	33.000	33.000	0.000	0.000	0.000
17	GR	160.500	1200.000	156.700	1300.000	153.000	1400.000	148.800	1500.000	148.100	1600.000
18	GR	147.700	1700.000	148.000	1800.000	146.700	1900.000	147.500	2000.000	147.300	2100.000
19	GR	145.500	2125.000	143.000	2158.000	145.200	2175.000	148.400	2200.000	149.400	2268.000
20	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	160.000	2700.000
21	X1	328.000	21.000	2100.000	2200.000	400.000	1100.000	850.000	0.000	0.000	0.000
22	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000
23	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000
24	GR	147.000	2100.000	144.200	2150.000	147.200	2200.000	146.300	2300.000	146.800	2400.000
25	GR	146.000	2500.000	148.500	2600.000	148.300	2700.000	151.200	2800.000	155.500	2900.000
26	GR	159.500	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000
28	X1	329.480	24.000	2131.000	2206.000	148.000	148.000	148.000	0.000	0.000	0.000
29	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	154.000	154.000	0.000
30	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000
31	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000
32	GR	147.000	2100.000	146.900	2131.000	146.800	2145.000	145.000	2162.000	146.700	2188.000
33	GR	147.200	2200.000	146.300	2300.000	146.800	2400.000	148.000	2500.000	148.500	2600.000
34	GR	146.300	2700.000	151.200	2800.000	155.500	2900.000	159.500	3000.000	0.000	0.000
35	NC	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	X1	329.500	34.000	2131.000	2206.000	2.000	2.000	2.000	0.000	0.000	0.000
37	BT	-26.000	2131.000	157.900	157.900	2133.000	157.900	154.200	2133.000	157.900	155.200
38	BT	0.000	2144.000	157.900	155.200	2144.000	157.900	147.300	2145.000	157.900	146.800
39	BT	0.000	2145.000	157.900	155.200	2157.000	157.900	155.200	2157.000	157.900	145.500
40	BT	0.000	2158.000	157.900	145.400	2158.000	157.900	155.200	2169.000	157.900	155.200
41	BT	0.000	2169.000	157.900	145.400	2170.000	157.900	145.500	2170.000	157.900	155.100
42	BT	0.000	2180.000	157.900	155.100	2180.000	157.900	146.100	2181.000	157.900	146.200
43	BT	0.000	2181.000	157.900	155.100	2192.000	157.900	155.100	2192.000	157.900	148.800
44	BT	0.000	2193.000	157.900	149.200	2193.000	157.900	155.100	2204.000	157.900	155.100
45	BT	0.000	2204.000	157.900	154.800	2206.000	157.900	157.900	0.000	0.000	0.000
46	GR	161.000	1000.000	160.800	1100.000	160.200	1200.000	159.800	1300.000	159.400	1400.000
47	GR	159.000	1500.000	158.600	1600.000	158.200	1700.000	158.000	1800.000	157.900	2100.000
48	GR	157.900	2131.000	154.200	2133.000	147.300	2144.000	146.800	2145.000	145.500	2157.000
49	GR	145.400	2158.000	145.000	2162.000	145.400	2164.000	145.500	2170.000	146.100	2180.000
50	GR	146.200	2181.000	146.700	2188.000	148.800	2192.000	149.200	2193.000	154.800	2204.000
51	GR	157.900	2206.000	157.800	2300.000	157.800	2400.000	157.900	2500.000	158.000	2600.000

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1												1
2												2
3												3
4	GR	158.200	2700.000	158.900	2800.000	159.300	2900.000	160.100	3000.000	0.000	0.000	4
5												5
6		RAILROAD										6
7	X1	329.700	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000	7
8	X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	8
9	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9
10	X1	329.720	24.000	2131.000	2206.000	2.000	2.000	2.000	0.000	0.000	0.000	10
11	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	157.900	157.800	0.000	11
12	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000	12
13	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000	13
14	GR	147.000	2100.000	136.900	2131.000	146.800	2145.000	145.000	2162.000	146.700	2188.000	14
15	GR	147.200	2206.000	146.300	2300.000	146.800	2400.000	148.000	2500.000	148.500	2600.000	15
16	GR	148.300	2700.000	151.200	2800.000	155.500	2900.000	159.500	3000.000	0.000	0.000	16
17												17
18	X1	330.100	21.000	2100.000	2200.000	38.000	38.000	38.000	0.000	0.000	0.000	18
19	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000	19
20	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000	20
21	GR	147.000	2100.000	145.100	2150.000	147.200	2200.000	146.300	2300.000	146.800	2400.000	21
22	GR	148.000	2500.000	148.500	2600.000	149.300	2700.000	151.200	2800.000	155.500	2900.000	22
23	GR	159.500	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23
24												24
25	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000	25
26	X1	365.000	13.000	2950.000	3050.000	3800.000	2700.000	3490.000	0.000	0.000	0.000	26
27	GR	167.000	2050.000	165.000	2200.000	160.000	2350.000	155.000	2480.000	151.000	2950.000	27
28	GR	149.000	2975.000	146.000	3000.000	149.000	3025.000	151.000	3050.000	155.000	3190.000	28
29	GR	160.000	3300.000	165.000	3500.000	167.000	3650.000	0.000	0.000	0.000	0.000	29
30												30
31	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	31
32	X1	407.000	11.000	1950.000	2050.000	4200.000	4100.000	4200.000	0.000	0.000	0.000	32
33	GR	169.000	400.000	165.000	1530.000	160.000	1620.000	156.000	1900.000	154.000	1950.000	33
34	GR	149.000	2000.000	154.000	2050.000	156.000	2100.000	160.000	2350.000	165.000	2750.000	34
35	GR	168.000	3300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	35
36												36
37	UT	5.000	445.000	820.000	1020.000	1625.000	1020.000	0.000	0.000	0.000	0.000	37
38	X1	438.600	11.000	4980.000	5020.000	3100.000	3200.000	3160.000	0.000	0.000	0.000	38
39	GR	169.000	3400.000	165.000	4050.000	160.000	4780.000	157.000	4980.000	154.000	4990.000	39
40	GR	152.000	5000.000	154.000	5010.000	157.000	5020.000	160.000	5150.000	165.000	5590.000	40
41	GR	168.000	6400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	41
42												42
43	NC	0.090	0.090	0.080	0.400	0.600	0.000	0.000	0.000	0.000	0.000	43
44	X1	439.730	11.000	4985.000	5015.000	115.000	110.000	113.000	0.000	0.000	0.000	44
45	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	158.000	158.000	0.000	45
46	GR	169.000	3400.000	165.000	4050.000	160.000	4780.000	157.000	4985.000	154.000	4990.000	46
47	GR	152.000	5000.000	154.000	5010.000	157.000	5015.000	160.000	5150.000	165.000	5590.000	47
48	GR	168.000	6400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	48
49												49
50	SB	1.250	2.500	2.700	0.000	16.000	7.000	52.300	0.000	152.600	152.600	50
51												51
52		NC HWY 1563										52
53	X1	440.270	20.000	3532.000	3565.000	54.000	54.000	54.000	0.000	0.000	0.000	53
54	X2	0.000	0.000	1.000	158.000	159.500	0.000	0.000	0.000	0.000	0.000	54
55	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	159.700	159.500	0.000	55
56	BT	-15.000	500.000	170.000	0.000	3000.000	165.000	0.000	3100.000	163.200	0.000	56
57	BT	0.000	3200.000	161.800	0.000	3300.000	161.000	0.000	3400.000	160.200	0.000	57
58												58
59												59
60												60

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4	BT	0.000	3532.000	159.700	0.000	3565.000	159.700	0.000	3700.000	159.600	0.000	
5	BT	0.000	3800.000	159.500	0.000	3900.000	160.400	0.000	4000.000	162.000	0.000	
6	BT	0.000	4100.000	163.300	0.000	4180.000	165.000	0.000	4200.000	159.000	0.000	
7	GR	170.000	1700.000	165.000	2950.000	160.200	3000.000	160.800	3100.000	159.900	3200.000	
8	GR	159.000	3300.000	158.500	3400.000	157.800	3500.000	157.000	3532.000	154.800	3536.000	
9	GR	152.500	3545.000	155.000	3562.000	158.800	3565.000	159.000	3600.000	159.900	3700.000	
10	GR	159.800	3800.000	159.500	3900.000	163.800	4000.000	165.000	4047.000	168.000	5000.000	
11	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
12	X1	440.600	20.000	3532.000	3565.000	33.000	33.000	33.000	0.000	0.000	0.000	
13	GR	170.000	1700.000	165.000	2950.000	160.200	3000.000	160.800	3100.000	159.900	3200.000	
14	GR	159.000	3300.000	158.500	3400.000	157.800	3500.000	157.000	3532.000	154.800	3536.000	
15	GR	152.500	3545.000	155.000	3562.000	158.800	3565.000	159.000	3600.000	159.900	3700.000	
16	GR	159.800	3800.000	159.500	3900.000	163.800	4000.000	165.000	4047.000	168.000	5000.000	
17	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000	
18	X1	449.500	21.000	2638.000	2658.000	900.000	800.000	890.000	0.000	0.000	0.000	
19	GR	170.000	2000.000	169.300	2100.000	167.000	2200.000	162.300	2300.000	160.200	2400.000	
20	GR	158.000	2500.000	159.600	2600.000	157.800	2638.000	157.400	2640.000	154.600	2648.000	
21	GR	158.500	2658.000	158.800	2700.000	154.000	2800.000	151.300	2900.000	164.200	3000.000	
22	GR	164.000	3100.000	164.200	3200.000	166.200	3300.000	168.300	3400.000	169.000	3500.000	
23	GR	169.800	3600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
24	NC	0.090	0.090	0.070	0.400	0.600	0.000	0.000	0.000	0.000	0.000	
25	X1	450.330	22.000	1658.000	1683.000	83.000	83.000	83.000	0.000	0.000	0.000	
26	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	162.000	162.000	0.000	
27	X4	1.000	170.000	1022.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
28	GR	171.000	500.000	169.300	1122.000	167.000	1222.000	162.400	1322.000	160.200	1422.000	
29	GR	158.000	1522.000	159.500	1622.000	157.800	1658.000	157.200	1660.000	154.300	1665.000	
30	GR	156.100	1675.000	157.900	1680.000	158.300	1683.000	158.800	1722.000	158.000	1822.000	
31	GR	161.300	1922.000	164.300	2022.000	164.000	2122.000	164.200	2222.000	166.200	2322.000	
32	GR	168.000	2400.000	171.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
33	SB	1.250	1.300	2.000	0.000	12.630	2.000	52.600	0.000	154.300	154.300	
34	RAILROAD											
35	X1	450.670	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000	
36	X2	0.000	0.000	1.000	159.100	170.200	0.000	0.000	0.000	0.000	0.000	
37	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	170.200	170.200	0.000	
38	X4	1.000	170.000	1022.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	BT	16.000	1000.000	171.800	0.000	1100.000	170.400	0.000	1200.000	171.000	0.000	
40	BT	0.000	1300.000	170.800	0.000	1400.000	170.500	0.000	1500.000	170.300	0.000	
41	BT	0.000	1600.000	170.200	0.000	1658.000	170.300	0.000	1683.000	170.200	0.000	
42	BT	0.000	1800.000	170.200	0.000	1900.000	170.500	0.000	2000.000	170.800	0.000	
43	BT	0.000	2100.000	170.800	0.000	2200.000	170.900	0.000	2300.000	171.000	0.000	
44	BT	0.000	2400.000	171.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
45	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
46	X1	451.000	22.000	1658.000	1683.000	33.000	33.000	33.000	0.000	0.000	0.000	
47	X4	1.000	170.000	1022.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
48	GR	171.000	500.000	169.300	1122.000	167.000	1222.000	162.400	1322.000	160.200	1422.000	
49	GR	158.000	1522.000	159.500	1622.000	157.800	1658.000	157.200	1660.000	154.300	1665.000	
50	GR	156.100	1675.000	157.900	1680.000	158.300	1683.000	158.800	1722.000	158.000	1822.000	
51	GR	161.300	1922.000	164.300	2022.000	164.000	2122.000	164.200	2222.000	166.200	2322.000	
52	GR	168.000	2400.000	171.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	

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5	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000
6	X1	465.000	11.000	1975.000	2025.000	1200.000	1420.000	1400.000	0.000	0.000	0.000
7	GR	173.000	500.000	170.000	1100.000	165.000	1460.000	160.000	1700.000	160.000	1975.000
8	GR	156.400	2000.000	160.000	2025.000	160.000	2100.000	165.000	2240.000	170.000	2450.000
9	GR	173.000	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	X1	477.000	17.000	1800.000	1700.000	1220.000	1700.000	1200.000	0.000	0.000	0.000
11	GR	173.000	250.000	169.300	1000.000	168.800	1100.000	169.500	1200.000	167.600	1300.000
12	GR	160.900	1365.000	160.900	1400.000	160.000	1500.000	160.100	1600.000	158.100	1671.000
13	GR	160.500	1700.000	161.300	1800.000	162.500	1900.000	165.000	2000.000	165.800	2100.000
14	GR	170.000	2200.000	174.000	3300.000	0.000	0.000	0.000	0.000	0.000	0.000
15	X1	505.500	17.000	1585.000	1610.000	2400.000	3000.000	2850.000	0.000	0.000	0.000
16	GR	173.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000
17	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	163.900	1597.000
18	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000
19	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
20	NC	0.000	0.000	0.060	0.400	0.600	0.000	0.000	0.000	0.000	0.000
21	X1	506.700	17.000	1585.000	1610.000	120.000	120.000	120.000	0.000	0.000	0.000
22	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	166.000	168.000	0.000
23	GR	173.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000
24	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	162.600	1597.000
25	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000
26	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
27	SB	1.250	2.200	2.800	0.000	15.000	9.500	19.200	0.000	162.700	162.600
28	X1	507.090	17.000	1585.000	1610.000	39.000	39.000	39.000	0.000	0.000	0.000
29	X2	0.000	0.000	1.000	166.000	169.400	0.000	0.000	0.000	0.000	0.000
30	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	169.400	170.200	0.000
31	BT	-13.000	0.000	174.000	0.000	1090.000	172.000	0.000	1160.000	170.500	0.000
32	BT	0.000	1200.000	170.000	0.000	1300.000	169.800	0.000	1400.000	169.400	0.000
33	BT	0.000	150.000	169.700	0.000	1585.000	170.200	0.000	1610.000	170.200	0.000
34	BT	0.000	1700.000	170.800	0.000	1800.000	171.300	0.000	1900.000	172.600	0.000
35	BT	0.000	2000.000	173.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	GR	173.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000
37	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	162.700	1597.000
38	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000
39	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
40	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	X1	507.500	17.000	1585.000	1610.000	41.000	41.000	41.000	0.000	0.000	0.000
42	GR	173.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000
43	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	163.900	1597.000
44	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000
45	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000

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4												4
5	NC	0.140	0.150	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
6	X1	621.220	33.000	6690.000	6707.000	2.000	2.000	2.000	0.000	0.000	0.000	6
7	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	186.100	186.200	0.000	7
8	GR	190.000	500.000	186.000	3000.000	185.200	6000.000	185.600	6100.000	185.500	6200.000	8
9	GR	185.200	6300.000	184.000	6400.000	184.000	6433.000	186.300	6452.000	186.600	6476.000	9
10	GR	186.200	6508.000	182.800	6600.000	183.000	6682.000	180.900	6685.000	179.500	6689.000	10
11	GR	179.300	6690.000	178.500	6698.000	178.400	6699.000	180.800	6707.000	181.600	6709.000	11
12	GR	182.400	6710.000	181.000	6800.000	182.700	6900.000	182.200	7000.000	182.000	7100.000	12
13	GR	183.200	7183.000	184.500	7200.000	184.400	7300.000	184.000	7400.000	183.800	7500.000	13
14	GR	184.000	9100.000	185.000	9600.000	188.200	10000.000	0.000	0.000	0.000	0.000	14
15												15
16	X1	621.500	29.000	6682.000	6710.000	28.000	28.000	28.000	0.000	0.000	0.000	16
17	GR	190.000	500.000	186.000	3000.000	185.200	6000.000	185.600	6100.000	185.500	6200.000	17
18	GR	185.200	6300.000	184.000	6400.000	184.000	6433.000	186.300	6452.000	186.600	6476.000	18
19	GR	186.200	6508.000	182.800	6600.000	183.000	6682.000	180.900	6685.000	177.000	6697.000	19
20	GR	181.300	6707.000	182.400	6710.000	181.000	6800.000	182.700	6900.000	182.200	7000.000	20
21	GR	182.000	7100.000	183.200	7183.000	184.500	7200.000	184.400	7300.000	184.000	7400.000	21
22	GR	183.800	7500.000	184.000	9100.000	185.000	9600.000	188.200	10000.000	0.000	0.000	22
23	EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23
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THIS RUN EXECUTED 6 MAR 86 16:23:29

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 ROBESON COUNTY, N.C. FIS  
 T2 JAN 1986  
 TB BEAR SWAMP 50-YEAR FLOOD

J1	ICHECK	INO	NINV	IOJR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	3.	0.	0.	0.002700	0.00	0.0	0.	118.000	0.000
J2	NPROF	IPL0T	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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THIS RUN EXECUTED 6 MAR 86 16:23:45

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 ROBESON COUNTY, N.C. FIS  
 T2 JAN 1986

T3 BEAR SWAMP 100-YEAR FLOOD

J1	ICHECK	IND	INVT	IDIR	STRT	METHIC	HVINS	Q	WSED	FO	
	0.	4.	0.	0.	0.002700	0.00	0.0	0.	119.000	0.000	
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE	
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

1485



THIS RUN EXECUTED 6 MAR 86 16:24:01

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 ROBESON COUNTY, N.C. FIS  
 T2 JAN 1986

T3 BEAR SWAMP 500-YEAR FLOOD

J1	ICHECK	IND	NIHV	IDIR	STRT	METRIC	HVINS	U	WSEL	FO
	0.	5.	0.	0	0.002700	0.00	0.0	0.	120.000	0.000
J2	NPROF	IPLT	PRFVS	XSEC	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

1403

PRINTED IN USA



THIS RUN EXECUTED 6 MAR 86 16:24:13 AREA .01K 444.52 1149.94 23

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
ERROR CORR - 01,02,03,04,05  
MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BEAR SWAMP 10

SUMMARY PRINTOUT TABLE 150

SECD0	XLCH	ELTRD	ELLC	ELMIN	V	CWSEL	CRIBS	EG	10K+S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	112.10	925.00	117.43	0.00	117.47	26.92	2.37	990.05	178.29
0.000	0.00	0.00	0.00	112.10	1695.00	118.29	0.00	118.34	26.98	2.71	1702.34	326.30
0.000	0.00	0.00	0.00	112.10	2110.00	118.65	0.00	118.70	27.05	2.85	2053.01	405.69
0.000	0.00	0.00	0.00	112.10	3345.00	119.49	0.00	119.55	27.03	3.15	3022.48	643.42
14.000	1400.00	0.00	0.00	117.00	925.00	121.98	0.00	122.07	62.33	3.07	601.95	117.16
14.000	1400.00	0.00	0.00	117.00	1695.00	122.71	0.00	122.81	66.63	3.65	983.51	207.65
14.000	1400.00	0.00	0.00	117.00	2110.00	123.01	0.00	123.12	67.82	3.88	1175.60	256.21
14.000	1400.00	0.00	0.00	117.00	3345.00	123.73	0.00	123.86	69.84	4.38	1772.49	400.26
22.600	860.00	0.00	0.00	118.30	925.00	124.63	0.00	124.67	16.66	2.17	1247.89	226.64
22.600	860.00	0.00	0.00	118.30	1695.00	125.38	0.00	125.41	15.45	2.29	2413.70	431.26
22.600	860.00	0.00	0.00	118.30	2110.00	125.66	0.00	125.69	14.94	2.33	2943.87	545.81
22.600	860.00	0.00	0.00	118.30	3345.00	126.36	0.00	126.39	14.20	2.44	4271.04	887.53
23.650	105.00	0.00	0.00	118.70	925.00	124.83	0.00	125.00	38.86	3.32	276.24	148.38
23.650	105.00	0.00	0.00	118.70	1695.00	125.53	0.00	125.55	11.36	1.96	2708.70	502.81
23.650	105.00	0.00	0.00	118.70	2110.00	125.81	0.00	125.83	11.43	2.03	3232.25	624.19
23.650	105.00	0.00	0.00	118.70	3345.00	126.50	0.00	126.52	11.57	2.20	4558.32	983.20
23.670	2.00	127.80	127.80	118.70	925.00	124.81	0.00	125.07	107.18	4.06	227.70	89.35
23.670	2.00	127.80	127.80	118.70	1695.00	125.25	0.00	125.97	282.86	6.81	248.95	100.78
23.670	2.00	127.80	127.80	118.70	2110.00	125.41	0.00	126.46	405.11	6.23	256.35	104.83
23.670	2.00	127.80	127.80	118.70	3345.00	127.11	127.11	127.53	397.09	6.37	827.33	167.86
23.930	26.00	127.80	127.80	118.70	925.00	125.11	0.00	125.33	91.11	3.83	241.81	96.91
23.930	26.00	127.80	127.80	118.70	1695.00	126.12	0.00	126.64	184.84	5.61	294.03	124.67
23.930	26.00	127.80	127.80	118.70	2110.00	127.24	0.00	127.36	120.03	3.50	970.15	192.59
23.930	26.00	127.80	127.80	118.70	3345.00	127.96	0.00	127.99	56.44	1.95	2236.30	445.25
23.950	7.00	0.00	0.00	118.70	925.00	125.23	0.00	125.38	40.89	3.08	300.67	135.08
23.950	2.00	0.00	0.00	118.70	1695.00	126.85	0.00	126.85	2.07	0.77	5255.21	1179.03
23.950	2.00	0.00	0.00	118.70	2110.00	127.40	0.00	127.40	1.80	0.76	6452.94	1572.43
23.950	2.00	0.00	0.00	118.70	3345.00	128.00	0.00	128.01	2.59	0.95	7928.50	2078.51

1485

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SECNO	XLCH	ELTRD	ELLCC	ELMIN	O	CWSEL	CRWS	EG	10KFS	VCH	AREA	.DIR
24.300	35.00	0.00	0.00	118.30	925.00	125.47	0.00	125.47	4.33	0.98	2597.13	444.52
24.300	35.00	0.00	0.00	118.30	1695.00	126.80	0.00	126.86	2.10	0.79	5253.96	1169.94
24.300	35.00	0.00	0.00	118.30	2110.00	127.41	0.00	127.41	1.82	0.77	6453.13	1562.23
24.300	35.00	0.00	0.00	118.30	3345.00	128.01	0.00	128.02	2.61	0.97	7943.43	2071.71
85.000	6070.00	0.00	0.00	124.00	925.00	129.61	0.00	129.61	13.48	0.97	1862.04	251.98
85.000	6070.00	0.00	0.00	124.00	1695.00	129.83	128.70	129.84	26.90	1.45	2210.54	326.82
85.000	6070.00	0.00	0.00	124.00	2110.00	130.04	0.00	130.05	26.53	1.52	2562.10	409.68
85.000	6070.00	0.00	0.00	124.00	3345.00	130.91	0.00	130.92	14.19	1.32	4714.89	888.05
115.000	3000.00	0.00	0.00	126.50	925.00	131.80	0.00	131.80	4.92	0.59	2801.84	417.03
115.000	3000.00	0.00	0.00	126.50	1695.00	132.54	0.00	132.54	4.76	0.69	4141.17	777.08
115.000	3000.00	0.00	0.00	126.50	2110.00	132.83	0.00	132.84	4.97	0.75	4683.28	946.84
115.000	3000.00	0.00	0.00	126.50	3345.00	133.47	0.00	133.48	5.99	0.92	5883.82	1366.97
142.000	2700.00	0.00	0.00	126.99	845.00	133.55	0.00	133.57	11.55	1.44	1174.61	248.59
142.000	2700.00	0.00	0.00	126.99	1550.00	134.35	0.00	134.37	13.68	1.73	1906.27	419.08
142.000	2700.00	0.00	0.00	126.99	1930.00	134.69	0.00	134.71	13.80	1.81	2313.40	519.60
142.000	2700.00	0.00	0.00	126.99	3065.00	135.54	0.00	135.56	13.51	1.95	3429.01	833.93
143.050	105.00	0.00	0.00	127.00	845.00	133.76	0.00	133.81	49.39	1.68	501.62	120.24
143.050	105.00	0.00	0.00	127.00	1550.00	134.59	0.00	134.63	52.01	1.59	977.25	214.93
143.050	105.00	0.00	0.00	127.00	1930.00	134.93	0.00	134.98	50.63	1.82	1193.90	271.24
143.050	105.00	0.00	0.00	127.00	3065.00	135.69	0.00	135.71	13.65	0.93	3550.19	829.45
143.070	2.00	138.40	139.20	127.10	845.00	133.67	0.00	133.99	182.08	4.51	187.38	62.62
143.070	2.00	138.40	139.20	127.10	1550.00	134.34	0.00	135.07	376.76	6.85	226.35	79.85
143.070	2.00	138.40	139.20	127.10	1930.00	134.58	0.00	135.57	496.68	8.01	241.08	86.60
143.070	2.00	138.40	139.20	127.10	3065.00	134.94	134.94	137.03	994.66	11.62	263.69	97.18
143.330	26.00	138.40	139.20	127.10	845.00	134.17	0.00	134.41	125.86	3.91	216.29	75.32
143.330	26.00	138.40	139.20	127.10	1550.00	135.44	0.00	135.86	186.55	5.21	297.47	113.48
143.330	26.00	138.40	139.20	127.10	1930.00	136.06	0.00	136.56	204.04	5.67	340.65	135.11
143.330	26.00	138.40	139.20	127.10	3065.00	138.92	0.00	139.04	267.46	2.87	1169.89	187.41
143.350	2.00	0.00	0.00	127.00	845.00	134.49	0.00	134.51	17.81	0.92	915.27	200.24
143.350	2.00	0.00	0.00	127.00	1550.00	136.02	0.00	136.03	9.79	0.82	1879.47	495.40
143.350	2.00	0.00	0.00	127.00	1930.00	136.75	0.00	136.76	8.01	0.82	2341.52	681.79
143.350	2.00	0.00	0.00	127.00	3065.00	139.08	0.00	139.08	0.98	0.37	9185.65	3095.16
143.700	35.00	0.00	0.00	126.90	845.00	134.53	0.00	134.53	3.26	0.86	2106.94	467.92
143.700	35.00	0.00	0.00	126.90	1550.00	136.64	0.00	136.64	2.10	0.80	4189.70	1070.78
143.700	35.00	0.00	0.00	126.90	1930.00	136.77	0.00	136.77	1.71	0.77	5330.95	1476.65
143.700	35.00	0.00	0.00	126.90	3065.00	139.08	0.00	139.08	0.90	0.66	9301.76	3234.47
168.000	2430.00	0.00	0.00	132.00	845.00	135.84	0.00	135.84	11.94	0.85	2064.36	244.55
168.000	2430.00	0.00	0.00	132.00	1550.00	136.81	0.00	136.82	5.99	0.77	3733.56	633.32
168.000	2430.00	0.00	0.00	132.00	1930.00	137.37	0.00	137.38	4.38	0.75	4708.39	921.78
168.000	2430.00	0.00	0.00	132.00	3065.00	139.37	0.00	139.37	1.75	0.61	8356.06	2319.47

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SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	TON*5	VCH	AREA	.DJK
180.000	1200.00	0.00	0.00	132.70	845.00	137.88	0.00	137.39	15.09	1.33	1535.98	217.52
180.000	1200.00	0.00	0.00	132.70	1550.00	137.92	0.00	137.94	18.38	1.62	2173.62	361.56
180.000	1200.00	0.00	0.00	132.70	1930.00	138.25	0.00	138.27	17.10	1.64	2599.36	466.74
180.000	1200.00	0.00	0.00	132.70	3065.00	139.73	0.00	139.74	7.85	1.35	4675.75	1093.62
193.000	1300.00	0.00	0.00	133.50	845.00	138.62	0.00	138.63	7.08	0.97	2078.46	317.53
193.000	1300.00	0.00	0.00	133.50	1550.00	139.34	0.00	139.34	7.67	1.13	3043.74	559.53
193.000	1300.00	0.00	0.00	133.50	1930.00	139.65	0.00	139.66	7.68	1.20	3496.51	687.49
193.000	1300.00	0.00	0.00	133.50	3065.00	140.64	0.00	140.64	6.80	1.26	4998.48	1175.30
201.000	800.00	0.00	0.00	134.00	845.00	139.85	0.00	139.92	66.44	2.37	696.91	103.67
201.000	800.00	0.00	0.00	134.00	1550.00	140.51	0.00	140.56	44.47	2.24	1523.05	232.44
201.000	800.00	0.00	0.00	134.00	1930.00	140.80	0.00	140.84	38.78	2.21	1891.63	309.92
201.000	800.00	0.00	0.00	134.00	3065.00	141.58	0.00	141.61	28.58	2.15	2907.13	573.35
202.820	182.00	0.00	0.00	134.20	845.00	141.03	0.00	141.16	67.14	2.96	285.33	103.12
202.820	182.00	0.00	0.00	134.20	1550.00	141.67	0.00	142.01	134.70	4.65	333.22	133.55
202.820	182.00	0.00	0.00	134.20	1930.00	141.90	0.00	142.37	176.41	5.51	350.52	145.31
202.820	182.00	0.00	0.00	134.20	3065.00	142.40	0.00	143.37	318.32	7.91	387.56	171.79
202.840	2.00	146.60	146.60	134.20	845.00	141.01	0.00	141.22	75.87	3.67	230.34	97.01
202.840	2.00	146.60	146.60	134.20	1550.00	141.62	0.00	142.16	175.31	5.89	263.32	117.07
202.840	2.00	146.60	146.60	134.20	1930.00	141.82	0.00	142.59	241.80	7.03	274.58	124.12
202.840	2.00	146.60	146.60	134.20	3065.00	142.20	0.00	143.86	495.49	10.36	295.84	137.69
203.160	32.00	146.60	146.60	134.20	845.00	141.27	0.00	141.45	64.47	3.46	244.06	105.24
203.160	32.00	146.60	146.60	134.20	1550.00	142.26	0.00	142.67	122.80	5.18	299.20	139.87
203.160	32.00	146.60	146.60	134.20	1930.00	142.74	0.00	143.28	148.37	5.90	327.38	158.45
203.160	32.00	146.60	146.60	134.20	3065.00	144.68	0.00	144.93	74.69	4.70	1073.34	354.68
203.180	2.00	0.00	0.00	134.20	845.00	141.38	0.00	141.49	49.84	2.71	312.03	119.70
203.180	2.00	0.00	0.00	134.20	1550.00	142.53	0.00	142.76	75.19	3.91	396.90	178.75
203.180	2.00	0.00	0.00	134.20	1930.00	143.10	0.00	143.40	83.27	4.40	439.06	211.50
203.180	2.00	0.00	0.00	134.20	3065.00	145.92	0.00	145.02	1.55	0.72	7622.49	2459.46
203.500	32.00	0.00	0.00	134.00	845.00	141.55	0.00	141.55	1.10	0.53	3114.11	805.01
203.500	32.00	0.00	0.00	134.00	1550.00	142.87	0.00	142.87	1.23	0.63	4777.45	1399.88
203.500	32.00	0.00	0.00	134.00	1930.00	143.52	0.00	143.53	1.18	0.66	5702.75	1773.58
203.500	32.00	0.00	0.00	134.00	3065.00	145.03	0.00	145.03	1.14	0.74	7958.19	2813.82
225.000	2150.00	0.00	0.00	138.50	600.00	141.91	0.00	141.91	3.81	0.44	1947.88	307.22
225.000	2150.00	0.00	0.00	138.50	1100.00	143.20	0.00	143.20	2.16	0.50	3418.42	748.66
225.000	2150.00	0.00	0.00	138.50	1375.00	143.82	0.00	143.83	1.79	0.51	4170.01	1029.12
225.000	2150.00	0.00	0.00	138.50	2185.00	145.30	0.00	145.31	1.44	0.56	5943.97	1821.44
275.000	5000.00	0.00	0.00	141.00	600.00	143.91	0.00	143.92	4.22	0.43	1423.44	292.15
275.000	5000.00	0.00	0.00	141.00	1100.00	144.65	0.00	144.66	4.17	0.55	2078.21	538.63
275.000	5000.00	0.00	0.00	141.00	1375.00	145.08	0.00	145.09	3.81	0.58	2455.89	704.11
275.000	5000.00	0.00	0.00	141.00	2185.00	146.24	0.00	146.30	2.89	0.64	3585.73	1285.52

1485

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SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EG	10RFS	VCH	AREA	.01K
317.500	4250.00	0.00	0.00	143.00	600.00	147.97	0.00	148.03	41.03	2.30	480.84	93.67
317.500	4250.00	0.00	0.00	143.00	1100.00	148.66	0.00	148.72	40.78	2.57	925.82	172.26
317.500	4250.00	0.00	0.00	143.00	1375.00	148.89	0.00	148.95	44.35	2.77	1088.48	206.47
317.500	4250.00	0.00	0.00	143.00	2185.00	149.43	0.00	149.50	51.43	3.20	1496.86	304.68
318.830	133.00	0.00	0.00	143.00	600.00	148.54	0.00	148.66	49.07	2.76	217.18	85.65
318.830	133.00	0.00	0.00	143.00	1100.00	149.35	0.00	149.64	93.35	4.27	257.02	113.85
318.830	133.00	0.00	0.00	143.00	1375.00	149.66	0.00	150.06	119.93	5.03	273.20	125.56
318.830	133.00	0.00	0.00	143.00	2185.00	150.35	0.00	151.13	204.11	7.10	307.53	152.94
319.170	34.00	152.30	151.00	143.00	600.00	148.55	0.00	148.67	48.82	2.76	217.51	85.87
319.170	34.00	152.30	151.00	143.00	1100.00	149.37	0.00	149.65	92.28	4.26	258.51	114.51
319.170	34.00	152.30	151.00	143.00	1375.00	149.69	0.00	150.08	117.93	5.01	274.58	126.62
319.170	34.00	152.30	151.00	143.00	2185.00	151.46	0.00	152.02	110.96	6.01	363.44	202.04
319.500	33.00	0.00	0.00	143.00	600.00	148.76	0.00	148.77	10.46	1.32	990.55	185.54
319.500	33.00	0.00	0.00	143.00	1100.00	149.81	0.00	149.82	8.04	1.33	1797.62	387.89
319.500	33.00	0.00	0.00	143.00	1375.00	150.28	0.00	150.29	7.38	1.34	2180.95	500.09
319.500	33.00	0.00	0.00	143.00	2185.00	152.27	0.00	152.28	3.43	1.10	3970.25	1179.12
328.000	850.00	0.00	0.00	144.20	600.00	149.21	0.00	149.21	3.54	0.65	1668.24	319.06
328.000	850.00	0.00	0.00	144.20	1100.00	150.19	0.00	150.19	3.41	0.75	2626.79	595.50
328.000	850.00	0.00	0.00	144.20	1375.00	150.63	0.00	150.64	3.32	0.79	3113.27	754.33
328.000	850.00	0.00	0.00	144.20	2185.00	152.45	0.00	152.45	1.87	0.73	5241.35	1596.63
329.480	148.00	0.00	0.00	145.00	600.00	149.31	0.00	149.42	74.70	2.67	224.94	69.42
329.480	148.00	0.00	0.00	145.00	1100.00	150.24	0.00	150.46	101.73	3.73	294.96	109.06
329.480	148.00	0.00	0.00	145.00	1375.00	150.67	0.00	150.94	112.91	4.21	326.83	129.40
329.480	148.00	0.00	0.00	145.00	2185.00	152.39	0.00	152.75	93.60	4.79	456.22	225.60
329.500	2.00	157.90	157.90	145.00	600.00	149.27	0.00	149.53	202.55	4.12	145.74	42.16
329.500	2.00	157.90	157.90	145.00	1100.00	150.16	0.00	150.68	350.97	5.82	189.09	58.72
329.500	2.00	157.90	157.90	145.00	1375.00	150.55	0.00	151.22	424.29	6.57	209.33	66.75
329.500	2.00	157.90	157.90	145.00	2185.00	152.25	0.00	153.06	420.34	7.23	302.42	105.82
329.700	20.00	157.90	157.90	145.00	600.00	149.69	0.00	149.90	144.88	3.61	160.18	49.85
329.700	20.00	157.90	157.90	145.00	1100.00	150.93	0.00	151.29	215.35	4.79	224.55	74.96
329.700	20.00	157.90	157.90	145.00	1375.00	151.52	0.00	151.95	243.09	5.26	261.35	88.19
329.700	20.00	157.90	157.90	145.00	2185.00	153.27	0.00	153.83	269.34	6.01	363.64	133.14
329.720	2.00	0.00	0.00	145.00	600.00	149.88	0.00	149.96	41.79	2.24	267.75	92.81
329.720	2.00	0.00	0.00	145.00	1100.00	151.26	0.00	151.46	47.31	2.96	371.12	159.93
329.720	2.00	0.00	0.00	145.00	1375.00	151.90	0.00	152.07	49.13	3.28	419.51	196.17
329.720	2.00	0.00	0.00	145.00	2185.00	153.74	0.00	153.98	48.24	3.92	556.93	314.58
330.100	38.00	0.00	0.00	145.10	600.00	150.00	0.00	150.01	1.39	0.43	2391.72	508.59
330.100	38.00	0.00	0.00	145.10	1100.00	151.46	0.00	151.46	1.07	0.47	4005.03	1062.39
330.100	38.00	0.00	0.00	145.10	1375.00	152.15	0.00	152.15	0.97	0.49	4822.01	1395.09
330.100	38.00	0.00	0.00	145.10	2185.00	154.08	0.00	154.08	0.72	0.50	7286.71	2570.24

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SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EG	TORAS	VCH	AREA	OUT
465.000	1400.00	0.00	0.00	156.40	445.00	162.49	0.00	162.49	2.75	0.65	1319.37	268.57
465.000	1400.00	0.00	0.00	156.40	820.00	166.56	0.00	166.56	0.32	0.34	4398.58	1453.18
465.000	1400.00	0.00	0.00	156.40	1020.00	169.60	0.00	169.60	0.11	0.24	7827.78	3121.87
465.000	1400.00	0.00	0.00	156.40	1625.00	170.84	0.00	170.84	0.16	0.32	9626.92	4063.45
477.000	1200.00	0.00	0.00	158.10	445.00	162.81	0.00	162.81	2.64	0.57	1246.52	273.64
477.000	1200.00	0.00	0.00	158.10	820.00	166.61	0.00	166.61	0.33	0.35	3823.41	1328.41
477.000	1200.00	0.00	0.00	158.10	1020.00	169.61	0.00	169.61	0.13	0.26	6571.95	2798.90
477.000	1200.00	0.00	0.00	158.10	1625.00	170.86	0.00	170.86	0.20	0.34	8304.40	3646.65
* 505.500	2850.00	0.00	0.00	163.90	445.00	166.70	166.70	167.06	1033.54	6.26	130.43	13.84
* 505.500	2850.00	0.00	0.00	163.90	820.00	167.03	167.03	167.51	1281.83	7.70	193.10	22.90
505.500	2850.00	0.00	0.00	163.90	1020.00	169.72	0.00	169.73	14.89	1.53	1251.22	264.36
505.500	2850.00	0.00	0.00	163.90	1625.00	171.02	0.00	171.03	10.30	1.51	1996.99	506.32
506.700	120.00	0.00	0.00	162.60	445.00	167.82	0.00	167.86	17.84	2.11	386.58	105.37
506.700	120.00	0.00	0.00	162.60	820.00	168.40	0.00	168.45	19.93	2.51	644.08	183.66
506.700	120.00	0.00	0.00	162.60	1020.00	169.41	0.00	169.82	4.61	1.50	1309.93	474.85
506.700	120.00	0.00	0.00	162.60	1625.00	171.09	0.00	171.10	3.41	1.50	2047.23	879.56
* 507.090	39.00	169.40	166.00	162.70	445.00	170.13	0.00	170.14	0.86	0.67	1197.31	479.51
* 507.090	39.00	169.40	166.00	162.70	820.00	170.43	0.00	170.43	1.56	0.94	1656.76	655.80
* 507.090	39.00	169.40	166.00	162.70	1020.00	170.58	0.00	170.59	2.10	1.11	1744.64	704.57
* 507.090	39.00	169.40	166.00	162.70	1625.00	171.21	0.00	171.22	3.06	1.44	2130.67	929.10
507.500	41.00	0.00	0.00	163.90	445.00	170.14	0.00	170.14	1.78	0.56	1479.42	333.25
507.500	41.00	0.00	0.00	163.90	820.00	170.44	0.00	170.44	4.47	0.93	1649.67	387.92
507.500	41.00	0.00	0.00	163.90	1020.00	170.59	0.00	170.60	5.97	1.09	1738.71	417.44
507.500	41.00	0.00	0.00	163.90	1625.00	171.23	0.00	171.24	8.66	1.41	2125.29	552.16
523.000	1550.00	0.00	0.00	166.50	445.00	170.75	0.00	170.76	16.90	1.26	749.22	108.24
523.000	1550.00	0.00	0.00	166.50	820.00	171.58	0.00	171.55	14.09	1.35	1216.08	218.45
523.000	1550.00	0.00	0.00	166.50	1020.00	171.89	0.00	171.90	13.41	1.39	1433.65	278.49
523.000	1550.00	0.00	0.00	166.50	1625.00	172.77	0.00	172.79	12.29	1.52	2023.71	463.49
537.000	1400.00	0.00	0.00	169.00	445.00	172.65	0.00	172.66	10.74	0.93	833.99	135.77
537.000	1400.00	0.00	0.00	169.00	820.00	173.33	0.00	173.34	11.19	1.10	1315.55	245.15
537.000	1400.00	0.00	0.00	169.00	1020.00	173.64	0.00	173.65	11.14	1.17	1549.75	305.60
537.000	1400.00	0.00	0.00	169.00	1625.00	174.41	0.00	174.43	10.65	1.30	2217.08	497.84
550.000	1300.00	0.00	0.00	170.40	300.00	173.89	0.00	173.89	7.42	0.73	892.84	110.16
550.000	1300.00	0.00	0.00	170.40	500.00	174.52	0.00	174.53	6.43	0.79	1408.70	216.93
550.000	1300.00	0.00	0.00	170.40	800.00	174.81	0.00	174.81	6.23	0.83	1656.76	276.35
550.000	1300.00	0.00	0.00	170.40	1100.00	175.52	0.00	175.52	5.72	0.90	2355.62	459.91
576.000	2600.00	0.00	0.00	173.20	300.00	176.97	0.00	176.98	24.06	1.34	518.07	61.16
576.000	2600.00	0.00	0.00	173.20	500.00	177.41	0.00	177.42	26.37	1.56	793.07	107.11
576.000	2600.00	0.00	0.00	173.20	800.00	177.62	0.00	177.64	26.23	1.63	931.74	134.74
576.000	2600.00	0.00	0.00	173.20	1100.00	178.15	0.00	178.16	25.58	1.78	1298.77	217.47

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SECNO	XLCH	ELTRD	ELLC	ELMIN	"	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
576.880	88.00	0.00	0.00	172.40	300.00	177.09	0.00	177.10	9.52	1.16	489.35	97.22
576.880	88.00	0.00	0.00	172.40	550.00	177.55	0.00	177.56	10.90	1.36	720.83	166.59
576.880	88.00	0.00	0.00	172.40	690.00	177.77	0.00	177.78	11.22	1.44	833.25	205.96
576.880	88.00	0.00	0.00	172.40	1100.00	178.29	0.00	178.31	11.92	1.62	1115.14	318.67
* 577.520	64.00	178.00	177.60	172.60	300.00	178.28	0.00	178.28	0.91	0.44	1108.53	315.26
* 577.520	64.00	178.00	177.60	172.60	550.00	178.64	0.00	178.64	1.84	0.67	1307.46	405.18
* 577.520	64.00	178.00	177.60	172.60	690.00	178.77	0.00	178.78	2.43	0.78	1384.98	442.39
* 577.520	64.00	178.00	177.60	172.60	1100.00	179.07	0.00	179.08	4.30	1.08	1557.55	530.34
577.900	38.00	0.00	0.00	173.20	300.00	178.29	0.00	178.29	1.52	0.40	1404.99	243.51
577.900	38.00	0.00	0.00	173.20	550.00	178.65	0.00	178.65	3.04	0.61	1678.86	315.70
577.900	38.00	0.00	0.00	173.20	690.00	178.79	0.00	178.79	3.98	0.71	1787.61	345.89
577.900	38.00	0.00	0.00	173.20	1100.00	179.10	0.00	179.10	6.87	0.98	2050.46	419.63
603.000	2510.00	0.00	0.00	176.20	300.00	179.33	0.00	179.35	32.46	1.12	283.66	52.66
603.000	2510.00	0.00	0.00	176.20	550.00	180.27	0.00	180.29	20.84	1.18	568.22	120.49
603.000	2510.00	0.00	0.00	176.20	690.00	180.69	0.00	180.71	18.41	1.22	708.81	160.79
603.000	2510.00	0.00	0.00	176.20	1100.00	181.63	0.00	181.65	15.32	1.33	1080.03	281.00
620.000	1700.00	0.00	0.00	177.00	300.00	183.05	0.00	183.06	17.31	1.20	544.92	72.11
620.000	1700.00	0.00	0.00	177.00	550.00	183.52	0.00	183.53	20.01	1.41	827.88	122.95
620.000	1700.00	0.00	0.00	177.00	690.00	183.75	0.00	183.77	20.34	1.48	967.96	153.00
620.000	1700.00	0.00	0.00	177.00	1100.00	184.25	0.00	184.26	18.04	1.50	1906.67	259.01
620.780	78.00	0.00	0.00	178.40	300.00	183.22	0.00	183.52	170.99	4.39	68.26	22.94
620.780	78.00	0.00	0.00	178.40	550.00	183.52	0.00	184.39	451.77	7.50	73.37	25.88
620.780	78.00	0.00	0.00	178.40	690.00	183.55	0.00	184.90	691.71	9.33	73.98	26.24
620.780	78.00	0.00	0.00	178.40	1100.00	184.37	0.00	184.38	13.51	1.46	2241.25	299.32
620.800	2.00	186.20	186.20	178.40	300.00	183.21	0.00	183.56	65.75	4.73	63.44	37.00
620.800	2.00	186.20	186.20	178.40	550.00	183.50	0.00	184.52	183.42	8.08	68.03	40.61
620.800	2.00	186.20	186.20	178.40	690.00	183.51	0.00	185.10	286.22	10.11	68.25	40.79
* 620.800	2.00	186.20	186.20	178.40	1100.00	186.73	186.74	186.65	76.70	4.15	909.25	123.99
621.200	40.00	186.20	186.20	178.40	300.00	183.51	0.00	183.81	54.13	4.40	68.24	40.77
621.200	40.00	186.20	186.20	178.40	550.00	184.50	0.00	185.17	105.31	6.54	84.08	53.59
621.200	40.00	186.20	186.20	178.40	690.00	185.42	0.00	186.27	197.22	7.37	93.60	49.10
621.200	40.00	186.20	186.20	178.40	1100.00	187.00	0.00	187.02	29.05	2.15	1733.65	245.64
621.220	2.00	0.00	0.00	178.40	300.00	183.59	0.00	183.84	85.13	4.02	74.60	32.51
621.220	2.00	0.00	0.00	178.40	550.00	184.69	0.00	185.23	135.91	5.90	93.27	47.18
621.220	2.00	0.00	0.00	178.40	690.00	185.78	0.00	186.37	115.46	6.16	111.93	63.94
621.220	2.00	0.00	0.00	178.40	1100.00	187.03	0.00	187.03	0.12	0.22	15969.48	3139.77
621.500	28.00	0.00	0.00	177.00	300.00	183.94	0.00	183.94	2.52	0.66	1155.82	188.88
621.500	28.00	0.00	0.00	177.00	550.00	185.39	0.00	185.39	0.39	0.31	5447.55	881.38
621.500	28.00	0.00	0.00	177.00	690.00	186.55	0.00	186.55	0.09	0.17	12545.31	2281.59
621.500	28.00	0.00	0.00	177.00	1100.00	187.03	0.00	187.03	0.12	0.21	16032.24	3170.02

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BEAR SWAMP 10  
SUMMARY PRINTOUT TABLE 150

SECNO	Q	CNSL	DIFWSP	DIFWSX	DIFKAS	TOPWD	XLCH
0.000	925.00	117.43	0.00	0.00	0.43	705.67	0.00
0.000	1695.00	118.29	0.87	0.00	0.29	739.48	0.00
0.000	2110.00	118.65	0.36	0.00	-0.35	7035.36	0.00
0.000	3345.00	119.49	0.84	0.00	-0.51	1263.13	0.00
14.000	925.00	121.98	0.00	4.55	0.00	433.66	1400.00
14.000	1695.00	122.71	0.73	4.41	0.00	603.64	1400.00
14.000	2110.00	123.01	0.30	4.36	0.00	660.46	1400.00
14.000	3345.00	123.73	0.72	4.23	0.00	1199.35	1400.00
22.600	925.00	124.63	0.00	2.65	0.00	1240.19	860.00
22.600	1695.00	125.38	0.75	2.67	0.00	1808.02	860.00
22.600	2110.00	125.66	0.29	2.66	0.00	1846.58	860.00
22.600	3345.00	126.36	0.70	2.63	0.00	1952.49	860.00
23.650	925.00	124.83	0.00	0.20	0.00	56.00	105.00
23.650	1695.00	125.53	0.70	0.15	0.00	1828.57	105.00
23.650	2110.00	125.81	0.28	0.15	0.00	1866.43	105.00
23.650	3345.00	126.50	0.69	0.14	0.00	1974.16	105.00
23.670	925.00	124.81	0.00	-0.02	0.00	49.11	2.00
23.670	1695.00	125.25	0.44	-0.27	0.00	50.21	2.00
23.670	2110.00	125.41	0.15	-0.40	0.00	50.59	2.00
23.670	3345.00	127.11	1.71	0.61	0.00	1159.33	2.00
23.930	925.00	125.11	0.00	0.30	0.00	49.84	26.00
23.930	1695.00	126.12	1.01	0.86	0.00	114.70	26.00
23.930	2110.00	127.24	1.12	1.83	0.00	1318.63	26.00
23.930	3345.00	127.96	0.72	0.84	0.00	2318.67	26.00
23.950	925.00	125.23	0.00	0.13	0.00	56.00	2.00
23.950	1695.00	126.85	1.62	0.73	0.00	2044.23	2.00
23.950	2110.00	127.40	0.55	0.16	0.00	2307.29	2.00
23.950	3345.00	128.00	0.60	0.05	0.00	2594.97	2.00
24.300	925.00	125.47	0.00	0.23	0.00	1821.45	35.00
24.300	1695.00	126.86	1.39	0.01	0.00	2047.35	35.00
24.300	2110.00	127.41	0.55	0.01	0.00	2310.35	35.00
24.300	3345.00	128.01	0.61	0.01	0.00	2600.40	35.00
85.000	925.00	128.61	0.00	4.14	0.00	1595.20	6070.00
85.000	1695.00	129.83	0.22	2.97	0.00	1599.69	6070.00
85.000	2110.00	130.04	0.21	2.64	0.00	1747.78	6070.00
85.000	3345.00	130.91	0.87	2.90	0.00	2784.70	6070.00

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SECNO	G	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
115.000	925.00	131.80	0.00	2.19	0.00	1804.87	3000.00
115.000	1695.00	132.54	0.74	2.71	0.00	1835.21	3000.00
115.000	2110.00	132.83	0.29	2.79	0.00	1847.94	3000.00
115.000	3345.00	133.47	0.64	2.56	0.00	1875.83	3000.00
142.000	845.00	133.55	0.00	1.75	0.00	732.85	2700.00
142.000	1550.00	134.35	0.80	1.81	0.00	1089.50	2700.00
142.000	1930.00	134.69	0.34	1.86	0.00	1236.99	2700.00
142.000	3065.00	135.54	0.85	2.07	0.00	1482.14	2700.00
143.050	845.00	133.76	0.00	0.24	0.00	423.10	105.00
143.050	1550.00	134.59	0.83	0.24	0.00	633.00	105.00
143.050	1930.00	134.93	0.34	0.24	0.00	633.00	105.00
143.050	3065.00	135.69	0.76	0.15	0.00	1503.22	105.00
143.070	845.00	133.67	0.00	-0.09	0.00	58.02	2.00
143.070	1550.00	134.54	0.67	-0.25	0.00	62.66	2.00
143.070	1930.00	134.59	0.24	-0.36	0.00	64.32	2.00
* 143.070	3065.00	134.97	0.36	-0.76	0.00	66.79	2.00
143.330	845.00	134.17	0.00	0.50	0.00	61.50	26.00
143.330	1550.00	135.44	1.26	1.10	0.00	70.32	26.00
143.330	1930.00	136.06	0.62	1.48	0.00	74.58	26.00
143.330	3065.00	138.92	2.86	3.99	0.00	1504.20	26.00
143.350	845.00	134.49	0.00	0.32	0.00	633.00	2.00
143.350	1550.00	136.02	1.52	0.58	0.00	633.00	2.00
143.350	1930.00	136.75	0.73	0.69	0.00	633.00	2.00
143.350	3065.00	139.08	2.33	0.15	0.00	1811.79	2.00
143.700	845.00	134.53	0.00	0.03	0.00	1205.20	35.00
143.700	1550.00	136.04	1.51	0.02	0.00	1537.57	35.00
143.700	1930.00	136.77	0.73	0.02	0.00	1597.73	35.00
143.700	3065.00	139.08	2.31	0.00	0.00	1811.97	35.00
168.000	845.00	135.84	0.00	1.31	0.00	1891.62	2430.00
168.000	1550.00	136.81	0.97	0.77	0.00	1748.21	2430.00
168.000	1930.00	137.37	0.56	0.60	0.00	1775.63	2430.00
168.000	3065.00	139.37	1.99	0.28	0.00	1874.69	2430.00
180.000	845.00	137.38	0.00	1.54	0.00	1116.46	1200.00
180.000	1550.00	137.92	0.55	1.11	0.00	1214.92	1200.00
180.000	1930.00	138.25	0.33	0.88	0.00	1275.03	1200.00
180.000	3065.00	139.73	1.48	0.37	0.00	1541.69	1200.00
193.000	845.00	138.62	0.00	1.25	0.00	1303.91	1300.00
193.000	1550.00	139.34	0.71	1.41	0.00	1420.82	1300.00
193.000	1930.00	139.65	0.31	1.40	0.00	1472.69	1300.00
193.000	3065.00	140.64	0.99	0.91	0.00	1554.11	1300.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
201.000	845.00	139.85	0.00	1.23	0.00	1089.05	800.00
201.000	1550.00	140.51	0.06	1.18	0.00	1279.54	800.00
201.000	1930.00	140.80	0.29	1.15	0.00	1290.44	800.00
201.000	3065.00	141.58	0.78	0.94	0.00	1320.01	800.00
202.820	845.00	141.03	0.00	1.17	0.00	74.00	182.00
202.820	1550.00	141.67	0.64	1.16	0.00	74.00	182.00
202.820	1930.00	141.90	0.23	1.10	0.00	74.00	182.00
202.820	3065.00	142.40	0.50	0.81	0.00	74.00	182.00
202.840	845.00	141.01	0.00	-0.01	0.00	54.76	2.00
202.840	1550.00	141.62	0.61	-0.05	0.00	56.83	2.00
202.840	1930.00	141.82	0.20	-0.08	0.00	57.52	2.00
202.840	3065.00	142.20	0.37	-0.20	0.00	58.79	2.00
203.160	845.00	141.27	0.00	0.26	0.00	55.63	32.00
203.160	1550.00	142.26	0.99	0.64	0.00	58.99	32.00
203.160	1930.00	142.74	0.48	0.22	0.00	60.63	32.00
203.160	3065.00	144.68	1.94	2.48	0.00	872.64	32.00
203.180	845.00	141.38	0.00	0.11	0.00	74.00	2.00
203.180	1550.00	142.53	1.15	0.27	0.00	74.00	2.00
203.180	1930.00	143.10	0.57	0.36	0.00	74.00	2.00
203.180	3065.00	145.02	1.93	0.34	0.00	1450.70	2.00
203.500	845.00	141.55	0.00	0.17	0.00	1117.44	32.00
203.500	1550.00	142.87	1.32	0.34	0.00	1380.43	32.00
203.500	1930.00	143.52	0.66	0.43	0.00	1437.59	32.00
203.500	3065.00	145.03	1.50	0.00	0.00	1556.69	32.00
225.000	600.00	141.91	0.00	0.36	0.00	1121.78	2150.00
225.000	1100.00	143.20	1.28	0.33	0.00	1170.13	2150.00
225.000	1375.00	143.82	0.63	0.30	0.00	1185.81	2150.00
225.000	2185.00	145.30	1.48	0.28	0.00	1213.07	2150.00
275.000	600.00	143.91	0.00	2.00	0.00	870.28	5000.00
275.000	1100.00	144.65	0.74	1.46	0.00	895.60	5000.00
275.000	1375.00	145.08	0.43	1.26	0.00	909.88	5000.00
275.000	2185.00	146.29	1.21	0.99	0.00	950.16	5000.00
317.500	600.00	147.97	0.00	4.06	0.00	553.98	4250.00
317.500	1100.00	148.66	0.60	4.01	0.00	699.21	4250.00
317.500	1375.00	148.89	0.25	3.81	0.00	735.73	4250.00
317.500	2185.00	149.43	0.54	3.14	0.00	783.64	4250.00
318.830	600.00	148.54	0.00	0.57	0.00	50.00	133.00
318.830	1100.00	149.35	0.81	0.69	0.00	50.00	133.00
318.830	1375.00	149.66	0.31	0.77	0.00	50.00	133.00
318.830	2185.00	150.35	0.68	0.92	0.00	50.00	133.00

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PRINTED INDEX

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
319.170	600.00	148.55	0.00	0.01	0.00	50.00	34.00
319.170	1100.00	149.37	0.82	0.02	0.00	50.00	34.00
319.170	1375.00	149.69	0.32	0.03	0.00	50.00	34.00
319.170	2185.00	151.46	1.77	1.12	0.00	50.00	34.00
319.500	600.00	148.76	0.00	0.21	0.00	718.47	33.00
319.500	1100.00	149.81	1.05	0.44	0.00	800.78	33.00
319.500	1375.00	150.28	0.47	0.59	0.00	822.11	33.00
319.500	2185.00	152.27	1.99	0.81	0.00	996.27	33.00
328.000	600.00	149.21	0.00	0.45	0.00	918.03	850.00
328.000	1100.00	150.19	0.98	0.38	0.00	1062.94	850.00
328.000	1375.00	150.63	0.45	0.35	0.00	1101.21	850.00
328.000	2185.00	152.45	1.82	0.18	0.00	1235.21	850.00
329.480	600.00	149.31	0.00	0.10	0.00	75.00	148.00
329.480	1100.00	150.24	0.94	0.06	0.00	75.00	148.00
329.480	1375.00	150.67	0.42	0.04	0.00	75.00	148.00
329.480	2185.00	152.39	1.73	-0.06	0.00	75.00	148.00
329.500	600.00	149.27	0.00	-0.04	0.00	52.27	2.00
329.500	1100.00	150.16	0.89	-0.09	0.00	55.43	2.00
329.500	1375.00	150.55	0.40	-0.12	0.00	56.84	2.00
329.500	2185.00	152.25	1.70	-0.15	0.00	62.88	2.00
329.700	600.00	149.69	0.00	0.43	0.00	53.79	20.00
329.700	1100.00	150.93	1.24	0.78	0.00	58.21	20.00
329.700	1375.00	151.52	0.58	0.97	0.00	60.29	20.00
329.700	2185.00	153.27	1.75	1.02	0.00	66.53	20.00
329.720	600.00	149.88	0.00	0.19	0.00	75.00	2.00
329.720	1100.00	151.26	1.38	0.33	0.00	75.00	2.00
329.720	1375.00	151.90	0.64	0.39	0.00	75.00	2.00
329.720	2185.00	153.74	1.83	0.47	0.00	75.00	2.00
331.100	600.00	150.00	0.00	0.12	0.00	1030.74	38.00
331.100	1100.00	151.46	1.46	0.20	0.00	1166.07	38.00
331.100	1375.00	152.15	0.69	0.24	0.00	1214.72	38.00
331.100	2185.00	154.08	1.93	0.34	0.00	1337.98	38.00
331.000	600.00	151.37	0.00	1.37	0.00	155.16	3490.00
331.000	1100.00	152.50	1.13	1.04	0.00	329.31	3490.00
365.000	1375.00	153.08	0.58	0.93	0.00	415.86	3490.00
365.000	2185.00	154.74	1.66	0.67	0.00	670.40	3490.00
407.000	600.00	156.75	0.00	5.38	0.00	299.22	4200.00
407.000	1100.00	158.16	1.40	5.65	0.00	485.83	4200.00
407.000	1375.00	158.70	0.54	5.62	0.00	557.20	4200.00
407.000	2185.00	159.81	1.11	5.06	0.00	704.68	4200.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFRWS	TOPWID	ALCH
438.600	445.00	159.18	0.00	2.43	0.00	279.42	3160.00
438.600	820.00	160.55	1.37	2.39	0.00	497.97	3160.00
438.600	1020.00	161.07	0.52	2.37	0.00	621.03	3160.00
438.600	1625.00	162.24	1.17	2.44	0.00	895.67	3160.00
439.730	445.00	159.32	0.00	0.14	0.00	293.22	113.00
439.730	820.00	160.65	1.33	0.10	0.00	521.49	113.00
439.730	1020.00	161.16	0.51	0.09	0.00	641.95	113.00
439.730	1625.00	162.31	1.15	0.07	0.00	913.27	113.00
440.270	445.00	160.01	0.00	0.69	0.00	725.13	54.00
* 440.270	820.00	160.72	0.71	0.07	0.00	913.23	54.00
* 440.270	1020.00	161.22	0.50	0.06	0.00	950.76	54.00
* 440.270	1625.00	162.37	1.15	0.06	0.00	989.59	54.00
440.600	445.00	160.03	0.00	0.02	0.00	727.31	33.00
440.600	820.00	160.74	0.71	0.02	0.00	916.81	33.00
440.600	1020.00	161.23	0.49	0.01	0.00	950.96	33.00
440.600	1625.00	162.38	1.15	0.01	0.00	989.72	33.00
449.500	445.00	160.70	0.00	0.68	0.00	505.80	890.00
449.500	820.00	161.52	0.81	0.78	0.00	569.96	890.00
449.500	1020.00	161.91	0.40	0.68	0.00	602.41	890.00
449.500	1625.00	162.93	1.02	0.55	0.00	669.56	890.00
450.330	445.00	160.74	0.00	0.04	0.00	25.00	83.00
450.330	820.00	161.45	0.71	-0.07	0.00	25.00	83.00
450.330	1020.00	161.76	0.31	-0.15	0.00	25.00	83.00
450.330	1625.00	162.97	1.21	0.04	0.00	668.38	83.00
450.670	445.00	162.08	0.00	1.34	0.00	25.00	34.00
* 450.670	820.00	166.30	4.23	4.86	0.00	25.00	34.00
* 450.670	1020.00	169.38	3.07	7.62	0.00	25.00	34.00
* 450.670	1625.00	170.83	1.45	7.86	0.00	1997.65	34.00
451.000	445.00	162.28	0.00	0.21	0.00	627.37	33.00
451.000	820.00	166.53	4.25	0.23	0.00	1104.29	33.00
451.000	1020.00	169.58	3.05	0.21	0.00	1426.19	33.00
451.000	1625.00	170.83	1.24	0.00	0.00	2000.13	33.00
465.000	445.00	162.49	0.00	0.20	0.00	588.95	1400.00
465.000	820.00	166.56	4.08	0.03	0.00	958.20	1400.00
465.000	1020.00	169.60	3.03	0.01	0.00	1303.85	1400.00
465.000	1625.00	170.84	1.25	0.02	0.00	1670.32	1400.00
477.000	445.00	162.81	0.00	0.33	0.00	566.00	1200.00
477.000	820.00	166.61	3.79	0.04	0.00	809.33	1200.00
477.000	1020.00	169.61	3.00	0.01	0.00	1171.17	1200.00
477.000	1625.00	170.86	1.25	0.02	0.00	1684.21	1200.00

1485

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 505.500	445.00	166.70	0.00	3.89	0.00	177.79	2850.00
* 505.500	820.00	167.03	0.33	0.43	0.00	210.32	2850.00
505.500	1020.00	169.72	2.69	0.11	0.00	525.26	2850.00
505.500	1625.00	171.02	1.30	0.16	0.00	620.18	2850.00
506.700	445.00	167.82	0.00	1.12	0.00	266.74	120.00
506.700	820.00	168.40	0.58	1.37	0.00	415.12	120.00
506.700	1020.00	169.81	1.41	0.09	0.00	532.81	120.00
506.700	1625.00	171.09	1.27	0.07	0.00	624.67	120.00
* 507.090	445.00	170.13	0.00	2.31	0.00	421.82	39.00
* 507.090	820.00	170.43	0.30	2.02	0.00	578.51	39.00
* 507.090	1020.00	170.58	0.15	0.77	0.00	589.26	39.00
* 507.090	1625.00	171.21	0.63	0.12	0.00	634.21	39.00
507.500	445.00	170.14	0.00	0.01	0.00	557.53	41.00
507.500	820.00	170.44	0.30	0.01	0.00	578.89	41.00
507.500	1020.00	170.59	0.15	0.01	0.00	589.75	41.00
507.500	1625.00	171.23	0.64	0.02	0.00	634.76	41.00
523.000	445.00	170.75	0.00	0.61	0.00	573.54	1550.00
523.000	820.00	171.54	0.79	1.10	0.00	618.96	1550.00
523.000	1020.00	171.89	0.35	1.29	0.00	639.02	1550.00
523.000	1625.00	172.77	0.89	1.54	0.00	690.50	1550.00
537.000	445.00	172.65	0.00	1.90	0.00	669.43	1400.00
537.000	820.00	173.33	0.68	1.79	0.00	754.01	1400.00
537.000	1020.00	173.64	0.30	1.75	0.00	792.20	1400.00
537.000	1625.00	174.41	0.78	1.64	0.00	934.44	1400.00
550.000	300.00	173.89	0.00	1.23	0.00	793.62	1300.00
550.000	550.00	174.52	0.64	1.19	0.00	859.16	1300.00
550.000	690.00	174.81	0.28	1.17	0.00	888.96	1300.00
550.000	1100.00	175.52	0.71	1.10	0.00	1122.01	1300.00
576.000	300.00	176.97	0.00	3.08	0.00	605.66	2600.00
576.000	550.00	177.41	0.44	2.88	0.00	645.19	2600.00
576.000	690.00	177.62	0.22	2.82	0.00	667.11	2600.00
576.000	1100.00	178.15	0.52	2.63	0.00	721.91	2600.00
576.880	300.00	177.09	0.00	0.13	0.00	503.30	88.00
576.880	550.00	177.55	0.46	0.14	0.00	520.05	88.00
576.880	690.00	177.77	0.22	0.14	0.00	528.00	88.00
576.880	1100.00	178.29	0.53	0.15	0.00	547.41	88.00
* 577.520	300.00	178.28	0.00	1.19	0.00	547.10	64.00
* 577.520	550.00	178.64	0.36	1.09	0.00	560.40	64.00
* 577.520	690.00	178.77	0.14	1.01	0.00	565.50	64.00
* 577.520	1100.00	179.07	0.30	0.78	0.00	580.01	64.00

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SECNO	Q	CWSEL	DIPWSP	DIPWSX	DIFKWS	TOPWID	XLCH
577.900	300.00	178.29	0.00	0.00	0.00	737.02	38.00
577.900	550.00	178.65	0.36	0.01	0.00	774.59	38.00
577.900	690.00	178.79	0.14	0.01	0.00	789.02	38.00
577.900	1100.00	179.10	0.31	0.02	0.00	917.28	38.00
603.000	300.00	179.33	0.00	1.04	1.00	230.41	2510.00
603.000	550.00	180.27	0.95	1.63	0.00	337.97	2510.00
603.000	690.00	180.69	0.41	1.90	0.00	358.62	2510.00
603.000	1100.00	181.63	0.94	2.53	0.00	429.05	2510.00
620.000	300.00	183.05	0.00	3.73	0.00	579.73	1700.00
620.000	550.00	183.52	0.47	3.25	0.00	606.99	1700.00
620.000	690.00	183.75	0.23	3.07	0.00	616.19	1700.00
620.000	1100.00	184.25	0.49	2.62	0.00	2579.58	1700.00
620.780	300.00	183.22	0.00	0.17	0.00	17.00	78.00
620.780	550.00	183.52	0.30	0.00	0.00	17.00	78.00
620.780	690.00	183.55	0.03	-0.21	0.00	17.00	78.00
620.780	1100.00	184.37	0.83	0.12	0.00	2693.67	78.00
620.800	300.00	183.21	0.00	0.00	0.00	18.01	2.00
620.800	550.00	183.50	0.29	-0.02	0.00	18.11	2.00
620.800	690.00	183.51	0.01	-0.03	0.00	18.11	2.00
620.800	1100.00	186.74	3.23	2.37	0.00	2669.47	2.00
621.200	300.00	183.51	0.00	0.30	0.00	18.11	40.00
621.200	550.00	184.50	0.99	1.00	0.00	18.44	40.00
621.200	690.00	185.42	0.92	1.91	0.00	18.74	40.00
621.200	1100.00	187.00	1.58	0.26	0.00	3653.00	40.00
621.220	300.00	183.59	0.00	0.08	0.00	17.00	2.00
621.220	550.00	184.69	1.10	0.19	0.00	17.00	2.00
621.220	690.00	185.78	1.10	0.36	0.00	17.00	2.00
621.220	1100.00	187.03	1.24	0.02	0.00	7490.47	2.00
621.500	300.00	183.94	0.00	0.34	0.00	1771.78	28.00
621.500	550.00	185.39	1.46	0.71	0.00	4101.54	28.00
621.500	690.00	186.55	1.16	0.77	0.00	7130.93	28.00
621.500	1100.00	187.03	0.48	0.00	0.00	7496.09	28.00

1485

PRINTED IN U.S.A.



THIS RUN EXECUTED 11 AUG 87 16:16:47

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 50,51,52,53,54,55,56  
 \*\*\*\*\*

C 10-YR 117.43; 50-YR 118.29; 100-YR 118.65; 500-YR 119.49; FW 119.65  
 T1 ROBESON COUNTY, N.C. FIS REVISED 8/87 WRB  
 T2 10 YR NATURAL  
 T3 BEAR SWAMP, JAN 86 RST-REVISED JULY 86 WTH

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
0	2	0	0	0	0.000000	0.00	0.0	0	117.430	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
38.000	1.000	3.000	42.000	41.000	49.000	4.000	5.000	0.000	38.000	
1.000	13.000	14.000	15.000	55.000	26.000	56.000	0.000	38.000	1.000	
53.000	21.000	22.000	54.000	4.000	0.000	150.000	201.000	0.000	0.000	
NC	0.150	0.150	0.080	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	5.000	925.000	1695.000	2110.000	3345.000	2110.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1698.000	2040.000
X1	0.000	9.000	1975.000	2025.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	127.000	0.000	125.000	750.000	120.000	950.000	115.000	1975.000	112.100	2000.000
GR	115.000	2025.000	120.000	2350.000	125.000	2720.000	127.000	3600.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4569.000	4807.000
X1	14.000	117.000	4602.000	4659.000	700.000	1100.000	1400.000	0.000	0.000	0.000
X4	2.000	23.000	4626.000	118.000	4627.000	0.000	0.000	0.000	0.000	0.000
GR	128.000	3100.000	126.100	4000.000	125.200	4100.000	124.000	4200.000	123.000	4300.000
GGR	122.300	4400.000	121.900	4500.000	120.000	4602.000	117.900	4625.000	119.000	4636.000
GR	119.300	4659.000	121.400	4700.000	119.900	4800.000	121.700	4900.000	123.900	5000.000
GR	123.500	5100.000	123.300	5200.000	123.700	5300.000	123.400	5400.000	123.800	5500.000
GR	124.500	5600.000	125.200	5700.000	130.000	6700.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	3130.000	3350.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	3000.000	3400.000

THIS GOVERNMENT WORK IS OFFICE USE ONLY







7	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1765.0000	2386.0000
8	X1	143.3300	0.0000	0.0000	0.0000	26.0000	26.0000	26.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	X2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	NH	5.0000	0.1500	1752.0000	0.1000	1842.0000	0.1500	2380.2000	0.1000	2385.1000	0.1500	0.0000	0.0000
12	ET	3000.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	X1	143.3500	29.0000	1752.0000	2385.0000	2.0000	2.0000	2.0000	0.0000	1752.0000	2385.0000	0.0000	0.0000
14	X3	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	GR	133.2500	10.0000	140.0000	1100.0000	135.8000	1200.0000	134.5000	1300.0000	133.7900	138.1000	140.0000	140.0000
16	GR	133.0000	15.0000	130.5000	1600.0000	131.4000	1700.0000	130.3000	1750.0000	134.4000	134.4000	1776.0000	1776.0000
17	GR	127.0000	1787.0000	131.6000	1810.0000	131.7000	1842.0000	133.5000	1900.0000	133.0000	133.0000	2000.0000	2000.0000
18	GR	134.3000	2100.0000	133.9000	2200.0000	133.7000	2300.0000	133.0000	2380.0000	130.6000	130.6000	2380.0000	2380.0000
19	GR	130.6000	2385.0000	132.0000	2385.0000	132.4000	2400.0000	134.5000	2500.0000	135.4000	135.4000	2600.0000	2600.0000
20	GR	135.5000	2700.0000	137.2000	2800.0000	138.1000	2900.0000	141.0000	3000.0000	0.0000	0.0000	0.0000	0.0000
23	NH	5.0000	0.1500	1775.0000	0.1000	1818.0000	0.1500	2300.0000	0.1000	2400.0000	0.1500	0.0000	0.0000
24	ET	3000.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	X1	143.7000	25.0000	1775.0000	1818.0000	35.0000	35.0000	35.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	X2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	GR	133.2500	10.0000	140.0000	1100.0000	135.8000	1200.0000	134.5000	1300.0000	134.4000	134.4000	1400.0000	1400.0000
28	GR	133.0000	15.0000	130.5000	1600.0000	131.4000	1700.0000	130.3000	1775.0000	126.9000	126.9000	1800.0000	1800.0000
29	GR	130.1000	1817.0000	131.7000	1818.0000	133.5000	1900.0000	133.0000	2000.0000	134.3000	134.3000	2100.0000	2100.0000
30	GR	133.9000	2200.0000	133.7000	2300.0000	130.6000	2383.0000	132.4000	2400.0000	134.5000	134.5000	2500.0000	2500.0000
31	GR	135.4000	2600.0000	135.5000	2700.0000	137.2000	2800.0000	138.1000	2900.0000	141.0000	141.0000	3000.0000	3000.0000
34	NC	0.0000	0.1500	0.0000	0.1000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36	X1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
37	X2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38	GR	14.5000	10.0000	133.0000	1829.0000	132.9000	1200.0000	136.4000	1300.0000	134.3000	134.3000	1400.0000	1400.0000
39	GR	133.2500	15.0000	130.5000	1600.0000	131.4000	1700.0000	130.3000	1800.0000	133.7000	133.7000	1800.0000	1800.0000
40	GR	130.2000	1815.0000	131.8000	1829.0000	133.5000	1900.0000	133.0000	1900.0000	134.6000	134.6000	2000.0000	2000.0000
41	GR	134.9000	2200.0000	134.6000	2400.0000	134.2000	2440.0000	133.3000	2449.0000	134.1000	134.1000	2455.0000	2455.0000
42	GR	134.6000	2500.0000	134.9000	2600.0000	134.6000	2700.0000	134.5000	2800.0000	134.6000	134.6000	2900.0000	2900.0000
43	GR	134.8000	3000.0000	140.0000	3090.0000	145.0000	3140.0000	150.0000	3190.0000	0.0000	0.0000	0.0000	0.0000
46	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47	X1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	GR	150.0000	440.0000	980.0000	1020.0000	1120.0000	1150.0000	1200.0000	1200.0000	980.0000	980.0000	1440.0000	1440.0000
49	GR	132.7000	1000.0000	135.0000	1020.0000	137.0000	1300.0000	140.0000	1400.0000	145.0000	145.0000	2290.0000	2290.0000
50	GR	150.0000	2330.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
52	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
53	X1	190.0000	11.0000	980.0000	1020.0000	1200.0000	1250.0000	1300.0000	1300.0000	725.0000	725.0000	1305.0000	1305.0000
54	GR	150.0000	150.0000	145.0000	2000.0000	140.0000	290.0000	138.0000	400.0000	136.0000	136.0000	980.0000	980.0000
55	GR	133.5000	1600.0000	136.0000	1020.0000	138.0000	1600.0000	140.0000	1820.0000	145.0000	145.0000	1920.0000	1920.0000
56	GR	150.0000	2000.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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7	ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.110	0.0000	0.0000	2050.0000	2175.0000
8	ET	0.0000	9.110	9.110	9.110	9.110	0.0000	0.0000	0.0000	2000.0000	2300.0000
9	X1	319.5000	20.0000	2125.0000	2175.0000	33.0000	33.0000	33.0000	0.0000	0.0000	0.0000
10	GR	160.5000	1200.0000	156.7000	1300.0000	153.0000	1400.0000	148.8000	1500.0000	148.1000	1600.0000
11	GR	147.7000	1700.0000	148.0000	1800.0000	146.7000	1900.0000	147.5000	2000.0000	147.3000	2100.0000
12	GR	145.5000	2125.0000	143.0000	2150.0000	145.2000	2175.0000	148.4000	2200.0000	149.4000	2268.0000
13	GR	150.9000	2300.0000	152.0000	2400.0000	154.0000	2500.0000	154.1000	2600.0000	160.0000	2700.0000
14											
15	ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.110	0.0000	0.0000	2000.0000	2350.0000
16	ET	0.0000	9.110	9.110	9.110	9.110	0.0000	0.0000	0.0000	2000.0000	2350.0000
17	X1	328.0000	21.0000	2100.0000	2200.0000	400.0000	1100.0000	850.0000	0.0000	0.0000	0.0000
18	GR	161.0000	1000.0000	159.0000	1100.0000	158.0000	1200.0000	157.1000	1400.0000	154.0000	1500.0000
19	GR	152.3000	1600.0000	150.2000	1700.0000	149.5000	1800.0000	147.3000	1900.0000	147.8000	2000.0000
20	GR	147.0000	2100.0000	144.2000	2150.0000	147.2000	2200.0000	146.3000	2300.0000	146.8000	2400.0000
21	GR	148.0000	2500.0000	148.5000	2600.0000	148.3000	2700.0000	151.2000	2800.0000	155.5000	2900.0000
22	GR	159.5000	3000.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23											
24	NC	0.0000	0.0000	0.0000	0.4000	0.6000	0.0000	0.0000	0.0000	0.0000	0.0000
25	ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.110	0.0000	0.0000	2131.0000	2206.0000
26	X1	329.4800	24.0000	2131.0000	2206.0000	148.0000	148.0000	148.0000	0.0000	0.0000	0.0000
27	X3	161.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	GR	152.0000	1000.0000	159.0000	1100.0000	158.0000	1200.0000	157.1000	1400.0000	154.0000	1500.0000
29	GR	147.0000	1600.0000	149.2000	1700.0000	149.5000	1800.0000	147.3000	1900.0000	147.8000	2000.0000
30	GR	147.0000	2100.0000	146.9000	2131.0000	146.8000	2145.0000	145.0000	2162.0000	146.7000	2188.0000
31	GR	147.2000	2206.0000	146.3000	2300.0000	146.8000	2400.0000	148.0000	2500.0000	148.5000	2600.0000
32	GR	148.3000	2700.0000	151.2000	2800.0000	155.5000	2900.0000	159.5000	3000.0000	0.0000	0.0000
33											
34	NC	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1000	0.0000	0.0000	2131.0000	2206.0000
36	X1	329.5000	34.0000	2131.0000	2206.0000	2.0000	2.0000	2.0000	0.0000	0.0000	0.0000
37	BT	0.0000	2144.0000	157.9000	155.2000	2144.0000	157.9000	154.2000	2133.0000	157.9000	155.2000
38	BT	0.0000	2145.0000	157.9000	155.2000	2157.0000	157.9000	155.2000	2145.0000	157.9000	146.8000
39	BT	0.0000	2158.0000	157.9000	145.4000	2158.0000	157.9000	155.5000	2169.0000	157.9000	145.5000
40	BT	0.0000	2169.0000	157.9000	155.1000	2170.0000	157.9000	146.1000	2170.0000	157.9000	155.2000
41	BT	0.0000	2181.0000	157.9000	155.1000	2180.0000	157.9000	146.1000	2181.0000	157.9000	146.2000
42	BT	0.0000	2181.0000	157.9000	155.1000	2192.0000	157.9000	155.1000	2192.0000	157.9000	148.8000
43	BT	0.0000	2204.0000	157.9000	149.2000	2204.0000	157.9000	155.1000	2204.0000	157.9000	155.1000
44	BT	0.0000	2204.0000	157.9000	154.8000	2206.0000	157.9000	159.0000	0.0000	0.0000	0.0000
45	GR	161.0000	1000.0000	160.0000	1100.0000	160.2000	1200.0000	159.8000	1300.0000	159.4000	1400.0000
46	GR	159.0000	1500.0000	158.0000	1160.0000	158.2000	1700.0000	158.0000	1800.0000	157.9000	2100.0000
47	GR	157.0000	2131.0000	154.2000	2133.0000	147.3000	2144.0000	146.8000	2145.0000	145.5000	2157.0000
48	GR	145.4000	2158.0000	145.0000	2162.0000	145.4000	2169.0000	145.5000	2170.0000	146.1000	2180.0000
49	GR	146.2000	2181.0000	146.7000	2188.0000	148.8000	2192.0000	149.2000	2193.0000	154.8000	2204.0000
50	GR	157.9000	2206.0000	157.8000	2300.0000	157.8000	2400.0000	157.9000	2500.0000	158.0000	2600.0000
51	GR	158.2000	2700.0000	158.9000	2800.0000	159.5000	2900.0000	160.1000	3000.0000	0.0000	0.0000
52											
53											
54	ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1000	0.0000	0.0000	2131.0000	2206.0000
55	X1	329.7000	0.0000	0.0000	0.0000	20.0000	20.0000	20.0000	0.0000	0.0000	0.0000
56	X2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
57											
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BT	0.0000	1800.0000	170.2000	0.0000	1900.0000	170.5000	0.0000	2000.0000	170.6000	0.0000
BT	0.0000	2100.0000	170.8000	0.0000	2200.0000	170.9000	0.0000	2300.0000	171.0000	0.0000
BT	0.0000	2400.0000	171.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NC	0.1500	0.1500	0.1000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	9.1100	9.1100	9.1100	9.1100	9.1100	9.1100	9.1100	1570.0000	1770.0000
X1	451.0000	22.0000	1658.0000	1683.0000	33.0000	33.0000	33.0000	33.0000	1620.0000	1720.0000
X4	1.0000	170.0000	1022.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GR	17.0000	1500.0000	169.3000	1122.0000	167.0000	1222.0000	162.4000	1322.0000	160.2000	1422.0000
GR	158.6500	1522.0000	159.3000	1522.0000	157.8000	1658.0000	157.2000	1660.0000	154.3000	1665.0000
GR	156.1000	1673.0000	157.9000	1680.0000	158.3000	1683.0000	158.8000	1722.0000	158.0000	1822.0000
GR	161.3000	1922.0000	164.3000	2022.0000	164.0000	2122.0000	164.2000	2222.0000	166.2000	2322.0000
GR	168.0000	2400.0000	171.0000	2600.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NC	0.0000	0.0000	0.0000	0.2000	0.4000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	1490.0000	2170.0000
X1	465.0000	11.0000	1975.0000	2025.0000	1200.0000	1420.0000	1400.0000	1700.0000	160.0000	1975.0000
GR	173.0000	500.0000	170.0000	1100.0000	165.0000	1460.0000	160.0000	1700.0000	160.0000	1975.0000
GR	154.4000	2000.0000	160.0000	2025.0000	160.0000	2100.0000	165.0000	2240.0000	170.0000	2450.0000
GR	173.0000	3000.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	1375.0000	1965.0000
X1	477.0000	17.0000	1600.0000	1700.0000	1220.0000	1200.0000	1200.0000	1200.0000	167.6000	1300.0000
GR	173.0000	250.0000	169.0000	1000.0000	168.8000	1100.0000	169.5000	1200.0000	168.3000	1300.0000
GR	160.9000	1365.0000	160.9000	1400.0000	160.0000	1500.0000	160.1000	1600.0000	158.1000	1671.0000
GR	160.5000	1700.0000	161.3000	1900.0000	162.5000	1900.0000	165.0000	2000.0000	165.8000	2100.0000
GR	170.0000	2200.0000	174.0000	3320.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	1382.0000	1610.0000
X1	505.5000	17.0000	1585.0000	1610.0000	2400.0000	3000.0000	2850.0000	1200.0000	168.3000	1300.0000
GR	174.0000	0.0000	173.3000	1000.0000	171.9000	1100.0000	169.9000	1200.0000	168.3000	1300.0000
GR	167.2000	1400.0000	165.6000	1500.0000	166.5000	1585.0000	165.2000	1588.0000	163.9000	1597.0000
GR	166.1000	1605.0000	166.9000	1610.0000	168.0000	1700.0000	172.7000	1800.0000	173.6000	1900.0000
GR	175.0000	2400.0000	176.0000	2600.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NC	0.0900	0.0900	0.0600	0.4000	0.6000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	1380.0000	1610.0000
X1	506.7000	17.0000	1585.0000	1610.0000	120.0000	120.0000	120.0000	120.0000	168.0000	1300.0000
X3	10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	166.0000	168.0000	1300.0000
GR	174.0000	0.0000	173.3000	1000.0000	171.9000	1100.0000	169.9000	1200.0000	168.3000	1300.0000
GR	167.2000	1400.0000	165.6000	1500.0000	166.5000	1585.0000	165.2000	1588.0000	162.6000	1597.0000
GR	166.1000	1605.0000	166.9000	1610.0000	168.0000	1700.0000	172.7000	1800.0000	173.6000	1900.0000
GR	175.0000	2400.0000	176.0000	2600.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SB	1.2500	2.2000	2.8000	0.0000	15.0000	9.5000	19.2000	0.0000	162.7000	162.6000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	1380.0000	1610.0000
X1	507.0000	17.0000	1585.0000	1610.0000	39.0000	39.0000	39.0000	0.0000	0.0000	0.0000
X2	0.0000	0.0000	1.0000	166.0000	169.4000	0.0000	0.0000	0.0000	0.0000	0.0000
X3	10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	169.4000	170.2000	0.0000
BT	-13.0000	0.0000	174.0000	0.0000	1000.0000	172.0000	0.0000	1100.0000	170.5000	0.0000
BT	0.0000	1200.0000	170.0000	0.0000	1300.0000	169.8000	0.0000	1400.0000	169.4000	0.0000
BT	0.0000	1500.0000	169.7000	0.0000	1585.0000	170.2000	0.0000	1610.0000	170.2000	0.0000
BT	0.0000	1700.0000	170.8000	0.0000	1800.0000	171.3000	0.0000	1900.0000	172.6000	0.0000

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SB	1.2500	2.2000	2.8000	0.0000	12.8000	4.2000	39.2700	0.0000	172.6000	172.4000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
X1	577.5200	21.0000	3630.0000	3657.0000	64.0000	64.0000	64.0000	64.0000	3630.0000	3886.0000
X2	0.0000	0.0000	1.0000	177.6000	178.0000	0.0000	0.0000	0.0000	0.0000	0.0000
X3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BT	-17.0000	3330.0000	181.9000	0.0000	3185.0000	181.4000	0.0000	179.5000	178.0000	0.0000
BT	0.0000	3385.0000	180.6000	0.0000	3485.0000	180.0000	0.0000	3285.0000	181.2000	0.0000
BT	0.0000	3362.9000	179.4000	0.0000	3630.0000	179.0000	0.0000	3585.0000	180.2000	0.0000
BT	0.0000	3365.7000	179.7000	0.0000	3685.0000	179.5000	0.0000	3655.0000	179.8000	0.0000
BT	0.0000	3388.5000	178.2000	0.0000	3985.0000	178.0000	0.0000	3785.0000	178.6000	0.0000
BT	0.0000	41.8500	178.8000	0.0000	4215.0000	179.9000	0.0000	4085.0000	178.8000	0.0000
GR	183.0000	0.0000	182.0000	50.0000	181.8000	3000.0000	181.5000	3100.0000	180.7000	3200.0000
GR	179.0000	3300.0000	178.9000	3400.0000	177.4000	3500.0000	175.5000	3600.0000	175.4000	3630.0000
GR	174.3000	3363.3000	172.6000	3642.0000	175.0000	3652.0000	176.8000	3657.0000	176.5000	3700.0000
GR	176.8000	3380.0000	175.9000	3900.0000	175.7000	4000.0000	176.2000	4100.0000	178.9000	4200.0000
GR	179.8000	4250.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NC	0.1400	0.1500	0.1100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
X1	577.9000	21.0000	3630.0000	3657.0000	39.0000	38.0000	38.0000	38.0000	3617.0000	4000.0000
GR	183.0000	0.0000	182.0000	50.0000	181.8000	3000.0000	181.5000	3100.0000	180.7000	3200.0000
GR	179.0000	3300.0000	178.9000	3400.0000	177.4000	3500.0000	175.5000	3600.0000	175.4000	3630.0000
GR	174.3000	3363.3000	172.6000	3642.0000	175.0000	3652.0000	176.8000	3657.0000	176.5000	3700.0000
GR	176.8000	3380.0000	175.9000	3900.0000	175.7000	4000.0000	176.2000	4100.0000	178.9000	4200.0000
GR	179.8000	4250.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NC	0.0000	0.0000	0.0000	0.2000	0.4000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
X1	603.0000	19.0000	2634.0000	2700.0000	2400.0000	2700.0000	2510.0000	2300.0000	2634.0000	2788.0000
GR	185.8000	2500.0000	184.0000	2100.0000	182.7000	2200.0000	182.5000	2200.0000	182.8000	2400.0000
GR	183.0000	2500.0000	180.8000	2600.0000	179.0000	2634.0000	177.3000	2700.0000	176.2000	2755.0000
GR	179.9000	2788.0000	179.7200	2800.0000	178.8000	2900.0000	181.9000	3000.0000	182.7000	3100.0000
GR	182.5000	3200.0000	183.2000	3300.0000	183.0000	3400.0000	185.0000	4150.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	6682.0000	6876.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6682.0000	6876.0000
X1	620.0000	28.0000	6682.0000	6710.0000	2000.0000	1400.0000	1700.0000	6100.0000	6682.0000	6876.0000
GR	190.0000	6300.0000	186.0000	3000.0000	185.2000	6000.0000	185.6000	6100.0000	185.5000	6200.0000
GR	185.2000	6500.0000	184.0000	6400.0000	184.0000	6433.0000	186.3000	6452.0000	186.6000	6476.0000
GR	186.2000	6500.0000	182.8000	6600.0000	183.0000	6682.0000	180.9000	6685.0000	177.0000	6697.0000
GR	181.3000	6700.0000	182.4000	6710.0000	181.0000	6800.0000	182.7000	6900.0000	182.2000	7000.0000
GR	182.0000	7100.0000	183.2000	6710.0000	184.5000	7200.0000	184.7000	7300.0000	184.0000	7400.0000
GR	185.6000	7500.0000	184.0000	9120.0000	185.0000	9600.0000	0.0000	0.0000	0.0000	0.0000
NC	0.0000	0.0000	0.0000	0.3000	0.5000	0.0000	0.0000	0.0000	0.0000	0.0000
ET	0.0000	0.0000	0.0000	0.0000	0.0000	9.1100	0.0000	0.0000	6690.0000	6707.0000
X1	620.7800	33.0000	6690.0000	6707.0000	78.0000	73.0000	78.0000	6100.0000	6690.0000	6707.0000
X3	10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GR	190.0000	5000.0000	186.0000	3000.0000	185.2000	6000.0000	185.6000	6100.0000	185.5000	6200.0000
GR	185.2000	6300.0000	184.0000	6400.0000	184.0000	6433.0000	186.3000	6452.0000	186.6000	6476.0000
GR	186.2000	6500.0000	182.8000	6600.0000	183.0000	6682.0000	180.9000	6685.0000	179.5000	6689.0000
GR	179.3000	6690.0000	178.5000	6690.0000	178.4000	6699.0000	180.8000	6707.0000	181.6000	6709.0000
GR	182.4000	6710.0000	181.0000	6800.0000	182.7000	6900.0000	182.2000	7000.0000	182.0000	7100.0000

6	GR	183.200	7183.000	184.500	7200.000	184.400	7300.000	184.000	7400.000	183.800	7500.000
7	GR	184.000	9100.000	185.000	9600.000	187.000	10000.000	0.000	0.000	0.000	0.000
8											
9	NC	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	6690.000	6707.000
11	X1	621.000	21.000	6690.000	6707.000	6690.000	2.000	6690.000	6690.000	186.000	185.100
12	BT	180.000	6699.000	186.200	185.100	6698.000	186.200	179.300	6699.000	186.200	178.400
13	BT	0.000	6698.000	186.200	185.100	6698.000	186.200	178.500	6699.000	186.200	180.800
14	BT	0.000	6699.000	186.200	185.100	6707.000	186.200	185.100	6707.000	186.200	180.800
15	BT	0.000	6708.000	186.200	186.000	0.000	0.000	0.000	0.000	0.000	0.000
16	GR	190.000	7000.000	186.500	6130.000	186.500	6330.000	186.300	6430.000	186.200	6552.000
17	GR	186.100	6630.000	186.200	6689.000	179.300	6698.000	178.500	6698.000	178.400	6699.000
18	GR	180.800	6707.000	186.200	6708.000	186.300	6830.000	186.400	6930.000	186.500	7030.000
19	GR	186.300	7130.000	186.200	7230.000	186.200	7330.000	186.300	7430.000	187.000	7000.000
20	GR	188.500	12000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21											
22	ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	6690.000	6707.000
23	X1	621.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
24	X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
25											
26	NC	0.140	0.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	6690.000	6707.000
28	X1	621.000	33.000	6690.000	6707.000	6690.000	2.000	6690.000	6690.000	186.000	185.100
29	X3	190.000	50.000	186.000	300.000	185.200	600.000	185.600	6100.000	186.200	6200.000
30	GR	185.200	6300.000	184.000	6400.000	184.000	6433.000	186.300	6452.000	186.600	6476.000
31	GR	186.200	6508.000	182.000	6600.000	183.000	6682.000	180.900	6685.000	179.500	6689.000
32	GR	179.300	6590.000	178.000	6698.000	178.400	6699.000	180.800	6707.000	181.600	6709.000
33	GR	182.400	6710.000	181.500	6800.000	182.700	6900.000	182.200	7000.000	182.000	7100.000
34	GR	183.200	7130.000	184.500	7200.000	184.400	7300.000	184.000	7400.000	183.800	7500.000
35	GR	184.000	9100.000	185.000	9600.000	188.200	10000.000	0.000	0.000	0.000	0.000
36											
37											
38	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	6682.000	6876.000
39	ET	0.000	0.000	0.000	0.000	9.110	9.110	0.000	0.000	6682.000	6876.000
40	X1	621.000	29.000	6682.000	6710.000	28.000	28.000	28.000	0.000	0.000	0.000
41	GR	190.000	50.000	186.000	300.000	185.200	600.000	185.600	6100.000	186.200	6200.000
42	GR	185.200	6300.000	184.000	6400.000	184.000	6433.000	186.300	6452.000	186.600	6476.000
43	GR	186.200	6508.000	182.000	6600.000	183.000	6682.000	180.900	6685.000	179.500	6689.000
44	GR	181.300	6707.000	182.000	6710.000	181.000	6800.000	182.700	6900.000	182.200	7000.000
45	GR	182.400	6710.000	183.000	6800.000	184.500	7200.000	184.400	7300.000	184.000	7400.000
46	GR	183.800	7500.000	184.000	9100.000	185.000	9600.000	183.200	10000.000	0.000	0.000
47	EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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U.S. GOVERNMENT PRINTING OFFICE: 1987-57-240-000



THIS RUN EXECUTED 11 AUG 87 16:17:49

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 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR 01,02,03,04,05,06  
 MODIFICATION 50,51,52,53,54,55,56  
 \*\*\*\*\*

T1 ROBESON COUNTY N.C. FIS REVISED 8/87 WRB  
 T2 50 YEAR  
 T3 BEAR SWAMP JAN 86 RBT-REVISED JULY 87 WTH

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	118.290	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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11 AUG 87 16:16:46

\*\*\*\*\* THIS RUN EXECUTED 11 AUG 87 16:18:48 \*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 050,51,52,53,54,55,56  
 \*\*\*\*\*

T1 BOBSON COUNTY, N.C. FIS REVISED 8/87 WRB  
 T3 BEAR SWAMP JAN 86 RBT-REVISED JULY 86 WTH

U1	CHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
0.	5.	0.	0.	0.000000	0.00	0.0	0.	119.490	0.000	
U2	NPROF	PILOT	PREVS	XSECV	XSECH	FN	AL'DC	IBW	CHNIM	ITRACE
15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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THIS RUN EXECUTED 11 AUG 87 16:19:05

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

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

BEAR SWAMP JAN 86 RBT  
SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K+S
0.000	117.43	117.48	112.10	0.00	0.00	706.10	26.85
0.000	118.29	118.34	112.10	0.00	0.00	938.30	27.13
0.000	118.65	118.70	112.10	0.00	0.00	1035.50	27.03
0.000	119.49	119.54	112.10	0.00	0.00	1262.30	27.11
14.000	121.97	122.07	117.00	0.00	0.00	433.42	62.42
14.000	122.71	122.82	117.00	0.00	0.00	604.25	66.32
14.000	123.01	123.12	117.00	0.00	0.00	660.40	67.85
14.000	123.73	123.86	117.00	0.00	0.00	1200.44	69.70
22.600	124.79	124.85	118.30	0.00	0.00	400.00	18.96
22.600	125.85	125.95	118.30	0.00	0.00	400.00	21.49
22.600	126.34	126.41	118.30	0.00	0.00	400.00	22.74
22.600	127.44	127.54	118.30	0.00	0.00	400.00	26.31
23.650	125.04	125.25	118.70	0.00	0.00	49.67	50.64
23.650	126.13	126.60	118.70	0.00	0.00	121.82	94.74
23.650	126.59	127.16	118.70	0.00	0.00	497.97	110.51
23.650	127.79	128.07	118.70	0.00	0.00	2051.34	68.74
23.950	125.05	125.26	118.70	126.50	1.00	49.71	50.15
23.950	126.19	126.65	118.70	126.50	30.00	219.07	91.57
23.950	126.70	127.16	118.70	126.50	30.00	620.72	92.05
23.950	127.99	128.07	118.70	126.50	30.00	2358.67	26.59
24.300	125.39	125.43	118.30	0.00	0.00	350.00	18.63
24.300	126.89	126.93	118.30	0.00	0.00	350.00	16.34
24.300	127.40	127.45	118.30	0.00	0.00	350.00	17.52
24.300	128.08	128.17	118.30	0.00	0.00	350.00	28.38
30.000	125.93	125.94	118.80	0.00	0.00	1225.00	5.13
30.000	127.29	127.29	118.80	0.00	0.00	1225.00	3.37
30.000	127.80	127.80	118.80	0.00	0.00	1225.00	3.27
30.000	128.65	128.66	118.80	0.00	0.00	1225.00	4.24

U.S. GOVERNMENT PRINTING OFFICE: 1967 O 340-012



SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	16K+S
85.0000	130.71	130.71	124.00	0.00	0.00	1597.10	10.51
85.0000	130.26	130.26	124.00	0.00	0.00	2303.93	11.42
85.0000	130.56	130.56	124.00	0.00	0.00	2685.73	9.94
85.0000	131.42	131.42	124.00	0.00	0.00	2814.61	6.80
115.0000	131.77	131.77	126.50	0.00	0.00	1904.10	5.20
115.0000	132.45	132.45	126.50	0.00	0.00	1831.42	5.40
115.0000	132.72	132.72	126.50	0.00	0.00	1842.98	5.76
115.0000	133.38	133.38	126.50	0.00	0.00	1871.68	6.62
142.0000	133.68	133.70	126.90	0.00	0.00	552.44	13.04
142.0000	134.53	134.56	126.90	0.00	0.00	800.00	16.14
142.0000	134.91	134.94	126.90	0.00	0.00	800.00	16.66
142.0000	135.82	135.85	126.90	0.00	0.00	800.00	17.87
143.0500	133.90	133.93	127.00	0.00	0.00	500.88	42.17
143.0500	134.79	134.82	127.00	0.00	0.00	633.00	40.26
143.0500	135.17	135.20	127.00	0.00	0.00	633.00	39.93
143.0500	136.08	136.12	127.00	0.00	0.00	633.00	37.88
143.0700	133.81	134.10	127.10	139.20	0.00	58.98	163.94
143.0700	134.36	135.21	127.10	139.20	0.00	64.16	325.30
143.0700	134.85	135.72	127.10	139.20	0.00	66.23	415.34
143.0700	135.47	137.10	127.10	139.20	0.00	70.46	720.49
143.3300	134.26	134.49	127.10	139.20	0.00	62.11	118.29
143.3300	135.51	135.92	127.10	139.20	0.03	70.80	179.11
143.3300	136.10	136.59	127.10	139.20	0.00	74.88	199.24
143.3300	138.35	138.95	127.10	139.20	0.00	585.71	441.71
143.3500	134.57	134.58	127.00	0.00	0.00	633.00	16.00
143.3500	136.07	136.08	127.00	0.00	0.00	633.00	9.31
143.3500	136.78	136.79	127.00	0.00	0.00	633.00	7.82
143.3500	139.19	139.20	127.00	0.00	0.00	1818.57	0.92
143.7000	134.60	134.62	126.90	0.00	0.00	650.00	7.95
143.7000	136.10	136.11	126.90	0.00	0.00	650.00	6.39
143.7000	136.80	136.81	126.90	0.00	0.00	650.00	5.81
143.7000	139.20	139.21	126.90	0.00	0.00	650.00	3.67
168.0000	136.17	136.17	132.00	0.00	0.00	1712.78	5.59
168.0000	137.19	137.20	132.00	0.00	0.00	1767.13	3.51
168.0000	137.74	137.74	132.00	0.00	0.00	1794.13	2.96
168.0000	139.71	139.71	132.00	0.00	0.00	1890.76	1.38
180.0000	137.25	137.25	132.70	0.00	0.00	1095.50	19.50
180.0000	137.95	137.95	132.70	0.00	0.00	1221.76	17.28
180.0000	138.36	138.38	132.70	0.00	0.00	1295.62	14.56
180.0000	139.99	140.00	132.70	0.00	0.00	1589.45	6.17

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SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
193.0000	138.63	138.63	133.50	0.00	0.00	1304.76	7.01
193.0000	139.34	139.34	133.50	0.00	0.00	1420.58	7.69
193.0000	139.66	139.66	133.50	0.00	0.00	1473.98	7.80
193.0000	140.75	140.76	133.50	0.00	0.00	1558.53	6.89
201.0000	139.86	139.94	134.00	0.00	0.00	440.00	71.56
201.0000	140.64	140.73	134.00	0.00	0.00	440.00	68.56
201.0000	140.93	141.07	134.00	0.00	0.00	440.00	68.52
201.0000	141.02	141.94	134.00	0.00	0.00	440.00	69.00
202.8200	141.07	141.20	134.20	0.00	0.00	74.00	64.77
202.8200	142.05	142.34	134.20	0.00	0.00	74.00	103.11
202.8200	142.46	142.84	134.20	0.00	0.00	74.00	122.01
202.8200	143.30	144.01	134.20	0.00	0.00	74.00	187.86
202.6400	141.05	141.26	134.20	146.60	0.00	54.90	73.85
202.8400	142.01	142.47	134.20	146.60	0.00	58.14	140.63
202.8400	142.40	143.01	134.20	146.60	0.00	59.48	176.57
202.8400	143.16	144.33	134.20	146.60	0.00	62.07	304.95
203.1600	141.30	141.49	134.20	146.60	0.00	55.75	63.10
203.1600	142.51	142.89	134.20	146.60	0.00	59.86	107.39
203.1600	143.06	143.54	134.20	146.60	0.00	61.71	127.02
203.1600	144.91	145.08	134.20	146.60	0.00	964.89	53.44
203.1800	141.41	141.53	134.20	0.00	0.00	74.00	50.64
203.1800	142.75	142.97	134.20	0.00	0.00	74.00	69.91
203.1800	143.37	143.64	134.20	0.00	0.00	74.00	83.08
203.1800	144.81	145.26	134.20	0.00	0.00	74.00	119.28
203.5000	141.58	141.61	134.00	0.00	0.00	100.00	8.02
203.5000	143.06	143.12	134.00	0.00	0.00	100.00	13.93
203.5000	143.74	143.82	134.00	0.00	0.00	100.00	16.50
203.5000	145.30	145.53	134.00	0.00	0.00	100.00	23.82
225.0000	142.41	142.41	138.50	0.00	0.00	1140.33	1.72
225.0000	143.85	143.85	138.50	0.00	0.00	1186.08	1.13
225.0000	144.52	144.52	138.50	0.00	0.00	1198.52	1.00
225.0000	146.21	146.21	138.50	0.00	0.00	1229.67	0.83
275.0000	143.80	143.81	141.00	0.00	0.00	866.50	5.30
275.0000	144.77	144.77	141.00	0.00	0.00	899.49	3.57
275.0000	145.31	145.32	141.00	0.00	0.00	918.07	2.90
275.0000	146.01	146.81	141.00	0.00	0.00	964.93	1.90
317.5000	148.38	148.44	143.00	0.00	0.00	199.85	33.96
317.5000	148.76	148.91	143.00	0.00	0.00	224.36	74.74
317.5000	148.02	149.04	143.00	0.00	0.00	228.44	109.49
317.5000	149.23	149.61	143.00	0.00	0.00	256.31	181.51

U.S. GOVERNMENT PRINTING OFFICE: 1977-77-046-010



LINE	SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
7	318.8300	148.85	148.95	143.00	0.00	0.00	50.00	39.16
8	318.8300	149.71	149.96	143.00	0.00	0.00	50.00	74.72
9	318.8300	150.11	150.44	143.00	0.00	0.00	50.00	92.71
10	318.8300	151.00	151.64	143.00	0.00	0.00	50.00	146.04
12	319.1700	148.85	148.96	143.00	151.00	1.00	50.00	39.02
13	319.1700	149.72	149.97	143.00	151.00	1.00	50.00	74.00
14	319.1700	150.13	150.46	143.00	151.00	1.00	50.00	91.41
18	319.1700	152.59	152.60	143.00	151.00	30.00	765.46	3.59
17	319.5000	149.03	149.06	143.00	0.00	0.00	242.78	16.72
18	319.5000	150.12	150.16	143.00	0.00	0.00	283.28	20.21
19	319.5000	150.65	150.70	143.00	0.00	0.00	294.59	20.52
20	319.5000	152.60	152.64	143.00	0.00	0.00	300.00	14.33
22	328.0000	149.69	149.70	144.20	0.00	0.00	350.00	4.39
23	328.0000	150.91	150.92	144.20	0.00	0.00	350.00	5.28
24	328.0000	151.47	151.49	144.20	0.00	0.00	350.00	5.60
25	328.0000	153.28	153.30	144.20	0.00	0.00	350.00	5.15
27	329.4800	149.81	149.90	145.00	0.00	0.00	75.00	44.52
28	329.4800	151.04	151.19	145.00	0.00	0.00	75.00	55.17
29	329.4800	151.60	151.79	145.00	0.00	0.00	75.00	59.31
30	329.4800	153.36	153.63	145.00	0.00	0.00	75.00	57.36
32	329.5000	149.78	149.98	145.00	157.90	0.00	54.11	135.44
33	329.5000	150.98	151.33	145.00	157.90	0.00	58.35	210.42
34	329.5000	151.52	151.95	145.00	157.90	0.00	60.29	243.12
35	329.5000	153.26	153.83	145.00	157.90	0.00	66.49	270.37
37	329.7000	150.07	150.23	145.00	157.90	0.00	55.12	110.77
38	329.7000	151.44	151.72	145.00	157.90	0.00	59.99	162.80
39	329.7000	152.06	152.41	145.00	157.90	0.00	62.22	184.54
40	329.7000	153.88	154.34	145.00	157.90	0.00	68.70	209.92
42	329.7200	150.22	150.28	145.00	0.00	0.00	75.00	30.98
43	329.7200	151.69	151.80	145.00	0.00	0.00	75.00	35.91
44	329.7200	152.36	152.59	145.00	0.00	0.00	75.00	37.85
45	329.7200	154.25	154.46	145.00	0.00	0.00	75.00	38.63
47	330.1000	150.32	150.33	145.10	0.00	0.00	470.00	1.97
48	330.1000	151.57	151.58	145.10	0.00	0.00	470.00	2.03
49	330.1000	152.57	152.58	145.10	0.00	0.00	470.00	2.06
50	330.1000	154.55	154.56	145.10	0.00	0.00	470.00	1.98
52	365.0000	151.05	151.99	146.00	0.00	0.00	243.84	31.67
53	365.0000	153.38	153.43	146.00	0.00	0.00	263.40	31.20
54	365.0000	154.04	154.08	146.00	0.00	0.00	563.68	17.34
55	365.0000	155.76	155.78	146.00	0.00	0.00	746.35	9.51

U.S. GOVERNMENT PRINTING OFFICE: 1967 O 304-100

LINE	SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
7	407.000	156.65	156.67	149.00	0.00	0.00	285.80	5.62
8	407.000	157.98	158.00	149.00	0.00	0.00	462.74	6.63
9	407.000	158.49	158.52	149.00	0.00	0.00	530.22	7.13
10	407.000	159.55	159.58	149.00	0.00	0.00	670.38	8.67
11	438.600	159.20	159.24	152.00	0.00	0.00	282.56	15.28
12	438.600	160.57	160.59	152.00	0.00	0.00	502.47	11.34
13	438.600	161.08	161.10	152.00	0.00	0.00	623.39	10.08
14	438.600	162.25	162.26	152.00	0.00	0.00	894.95	8.26
17	439.730	159.34	159.37	152.00	0.00	0.00	294.09	9.10
18	439.730	160.66	160.68	152.00	0.00	0.00	526.05	5.85
19	439.730	161.17	161.19	152.00	0.00	0.00	644.84	5.01
20	439.730	162.31	162.33	152.00	0.00	0.00	911.68	3.88
22	440.270	160.02	160.03	152.50	158.00	30.00	725.46	3.78
23	440.270	160.73	160.74	152.50	158.00	30.00	918.91	4.00
24	440.270	161.23	161.24	152.50	158.00	30.00	951.14	3.05
25	440.270	162.37	162.38	152.50	158.00	30.00	989.67	2.08
27	440.600	160.03	160.04	152.50	0.00	0.00	727.63	7.66
28	440.600	160.75	160.77	152.50	0.00	0.00	920.87	9.00
29	440.600	161.24	161.25	152.50	0.00	0.00	951.33	7.16
30	440.600	162.38	162.39	152.50	0.00	0.00	989.80	5.17
32	449.500	161.02	161.05	154.60	0.00	0.00	200.00	18.02
33	449.500	161.98	161.98	154.60	0.00	0.00	200.00	24.24
34	449.500	162.31	162.35	154.60	0.00	0.00	200.00	27.29
35	449.500	163.27	163.33	154.60	0.00	0.00	200.00	33.67
37	450.330	161.16	161.36	154.30	0.00	0.00	25.00	36.22
38	450.330	162.09	162.57	154.30	0.00	0.00	25.00	69.72
39	450.330	162.43	163.10	154.30	0.00	0.00	25.00	88.60
40	450.330	163.29	164.59	154.30	0.00	0.00	25.00	147.38
42	450.670	162.52	162.64	154.30	159.10	10.00	25.00	16.20
43	450.670	160.96	167.11	154.30	159.10	10.00	25.00	9.52
44	450.670	170.07	172.20	154.30	159.10	30.00	25.00	6.19
45	450.670	170.84	170.84	154.30	159.10	30.00	2003.39	0.04
47	451.000	162.70	162.71	154.30	0.00	0.00	200.00	3.22
48	451.000	167.17	167.17	154.30	0.00	0.00	200.00	1.15
49	451.000	170.25	170.26	154.30	0.00	0.00	200.00	0.68
50	451.000	170.81	170.84	154.30	0.00	0.00	200.00	1.49
52	465.000	162.99	162.99	156.40	0.00	0.00	627.39	1.53
53	465.000	167.23	167.23	156.40	0.00	0.00	1033.65	0.22
54	465.000	170.28	170.28	156.40	0.00	0.00	1457.91	0.08
55	465.000	170.89	170.89	156.40	0.00	0.00	1690.61	0.16



SECD	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
477.000	163.19	163.19	158.10	0.00	0.00	584.59	1.69
477.000	167.25	167.25	158.10	0.00	0.00	831.28	0.26
477.000	170.29	170.29	158.10	0.00	0.00	1395.74	0.10
477.000	170.91	170.91	158.10	0.00	0.00	1710.12	0.19
505.500	166.73	167.06	163.90	0.00	0.00	179.84	935.90
505.500	167.39	167.61	163.90	0.00	0.00	267.61	491.40
505.500	170.37	170.38	163.90	0.00	0.00	574.08	7.39
505.500	171.06	171.07	163.90	0.00	0.00	623.18	9.93
506.700	167.81	167.84	162.60	0.00	0.00	265.57	18.26
506.700	168.34	168.39	162.60	0.00	0.00	410.94	21.69
506.700	170.42	170.43	162.60	0.00	0.00	577.28	2.45
506.700	171.13	171.14	162.60	0.00	0.00	627.51	3.30
507.090	170.13	170.14	162.70	166.00	30.00	421.81	0.86
507.090	170.43	170.43	162.70	166.00	30.00	578.41	1.57
507.090	170.65	170.66	162.70	166.00	30.00	594.37	1.96
507.090	171.24	171.25	162.70	166.00	30.00	636.45	2.98
507.500	170.14	170.14	163.90	0.00	0.00	557.51	1.78
507.500	170.44	170.44	163.90	0.00	0.00	576.79	4.47
507.500	170.66	170.67	163.90	0.00	0.00	594.56	5.60
507.500	171.26	171.27	163.90	0.00	0.00	636.97	8.44
523.000	170.75	170.76	166.50	0.00	0.00	573.53	16.91
523.000	171.54	171.55	166.50	0.00	0.00	618.94	13.09
523.000	171.90	171.91	166.50	0.00	0.00	639.79	13.18
523.000	172.78	172.79	166.50	0.00	0.00	690.81	12.23
537.000	172.65	172.66	169.00	0.00	0.00	669.44	10.74
537.000	173.33	173.34	169.00	0.00	0.00	754.01	11.19
537.000	173.63	173.65	169.00	0.00	0.00	792.15	11.15
537.000	174.41	174.43	169.00	0.00	0.00	934.58	10.65
550.000	173.80	173.80	170.40	0.00	0.00	793.61	7.42
550.000	174.52	174.53	170.40	0.00	0.00	859.16	6.43
550.000	174.81	174.81	170.40	0.00	0.00	888.99	6.23
550.000	175.52	175.52	170.40	0.00	0.00	1122.11	5.72
576.000	176.07	176.08	173.20	0.00	0.00	605.66	24.06
576.000	177.41	177.42	173.20	0.00	0.00	645.19	26.37
576.000	177.62	177.64	173.20	0.00	0.00	667.07	26.25
576.000	178.15	178.16	173.20	0.00	0.00	721.89	25.59
576.880	177.09	177.10	172.40	0.00	0.00	507.30	9.52
576.880	177.55	177.56	172.40	0.00	0.00	520.05	10.90
576.880	177.77	177.78	172.40	0.00	0.00	527.99	11.23
576.880	178.29	178.31	172.40	0.00	0.00	547.41	11.92

ELC 5000-40000 Meeting Center, 100-100-100

SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
7	577.520	178.28	178.28	172.60	177.60	30.00	547.10
8	577.520	178.64	178.64	172.60	177.60	30.00	560.40
9	577.520	178.77	178.78	172.60	177.60	30.00	565.50
10	577.520	179.07	179.08	172.60	177.60	30.00	580.01
12	577.900	178.29	178.29	173.20	0.00	0.00	737.02
13	577.900	178.65	178.65	173.20	0.00	0.00	774.59
14	577.900	178.79	178.79	173.20	0.00	0.00	789.02
16	577.900	179.10	179.10	173.20	0.00	0.00	917.28
17	603.000	179.33	179.35	176.20	0.00	0.00	230.41
18	603.000	180.27	180.29	176.20	0.00	0.00	337.97
19	603.000	180.69	180.71	176.20	0.00	0.00	358.62
20	603.000	181.63	181.65	176.20	0.00	0.00	429.05
22	620.000	183.31	183.33	177.00	0.00	0.00	194.00
23	620.000	184.09	184.01	177.00	0.00	0.00	194.00
24	620.000	184.31	184.34	177.00	0.00	0.00	194.00
25	620.000	185.11	185.16	177.00	0.00	0.00	194.00
27	620.780	183.51	183.77	178.40	0.00	0.00	17.00
28	620.780	184.15	184.81	178.40	0.00	0.00	17.00
29	620.780	184.41	185.36	178.40	0.00	0.00	17.00
30	620.780	185.21	185.21	178.40	0.00	0.00	3309.97
32	620.800	183.50	183.81	178.40	186.20	0.00	18.11
33	620.800	184.14	184.91	178.40	186.20	0.00	18.32
34	620.800	184.39	185.48	178.40	186.20	0.00	18.40
36	620.800	186.74	186.85	173.40	186.20	0.00	2669.47
37	621.200	183.75	184.02	178.40	186.20	0.00	18.19
38	621.200	184.79	185.39	178.40	186.20	0.00	18.53
39	621.200	185.46	186.30	178.40	186.20	0.00	18.75
40	621.200	187.00	187.02	178.40	186.20	0.00	3653.00
42	621.220	183.81	184.04	178.40	0.00	0.00	17.00
43	621.220	184.95	185.44	178.40	0.00	0.00	17.00
44	621.220	185.83	186.41	178.40	0.00	0.00	17.00
45	621.220	187.03	187.53	178.40	0.00	0.00	7490.47
47	621.500	184.14	184.14	177.00	0.00	0.00	194.00
48	621.500	185.61	185.62	177.00	0.00	0.00	194.00
49	621.500	186.61	186.61	177.00	0.00	0.00	194.00
50	621.500	187.02	187.04	177.00	0.00	0.00	194.00



BEAR SWAMP JAN 86 RBT  
SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
0.0000	117.43	353.78	459.05	112.17	0.58	2.37	0.58
0.0000	118.29	797.83	644.22	252.95	0.72	2.72	0.72
0.0000	118.65	1050.46	726.49	333.05	0.77	2.85	0.77
0.0000	119.49	1827.56	938.01	579.43	0.88	3.16	0.88
14.0000	121.97	84.26	538.07	302.67	0.79	3.07	0.95
14.0000	122.71	249.48	789.82	655.79	0.99	3.65	1.27
14.0000	123.01	351.77	986.81	841.42	1.07	3.88	1.39
14.0000	123.73	750.72	1200.70	1393.58	1.30	4.38	1.51
22.6000	124.79	260.16	589.88	74.96	0.61	2.37	0.54
22.6000	125.88	628.70	860.57	205.73	0.90	2.86	0.83
22.6000	126.34	834.00	995.89	280.11	1.02	3.08	0.95
22.6000	127.44	1457.90	1378.74	508.37	1.34	3.67	1.26
23.6500	125.04	0.00	925.00	0.00	0.00	3.69	0.00
23.6500	126.13	0.00	1694.64	0.33	0.06	5.54	0.15
23.6500	126.50	43.54	2045.13	21.33	0.50	6.19	0.46
23.6500	127.79	603.58	2108.14	633.28	0.85	5.32	0.74
23.9500	125.05	0.00	925.00	0.00	0.00	3.68	0.00
23.9500	126.19	1.13	1692.04	1.79	0.23	5.47	0.37
23.9500	126.70	123.90	1921.38	64.72	0.98	5.70	0.92
23.9500	127.99	919.62	1372.88	1052.50	1.06	3.37	0.93
24.3000	125.39	179.39	564.28	185.34	0.75	2.02	0.68
24.3000	126.89	378.04	770.54	546.42	0.96	2.20	0.95
24.3000	127.40	479.91	893.08	737.01	1.08	2.39	1.09
24.3000	128.08	774.70	1306.85	1263.95	1.50	3.21	1.56
30.0000	125.93	522.54	298.10	104.36	0.36	1.06	0.36
30.0000	127.80	1057.52	342.14	203.33	0.39	0.99	0.39
30.0000	127.80	1348.31	377.78	383.91	0.43	1.02	0.43
30.0000	128.65	2168.13	512.33	664.54	0.56	1.25	0.57
05.0000	129.71	259.23	91.02	574.76	0.45	0.88	0.43
05.0000	130.26	435.91	130.46	1128.64	0.56	1.04	0.55
05.0000	130.56	509.73	142.85	1457.40	0.57	1.04	0.53
05.0000	131.42	686.22	169.94	2488.84	0.57	0.99	0.52
115.0000	131.77	519.13	73.14	332.73	0.30	0.60	0.36
115.0000	132.45	973.23	112.13	609.63	0.39	0.72	0.46
115.0000	132.72	1217.95	132.88	759.17	0.43	0.79	0.51
115.0000	133.38	1948.45	192.04	1204.51	0.54	0.95	0.63





DUPLICATE OF ORIGINAL RECORD

SECNO	CWSEL	QLOS	QCH	QROB	VLOB	VCH	VROB
202.820	141.07	0.00	845.00	0.00	0.00	2.93	0.00
202.820	142.05	0.00	1550.00	0.00	0.00	4.29	0.00
202.820	142.46	0.00	1930.00	0.00	0.00	4.93	0.00
202.820	143.30	0.00	3065.00	0.00	0.00	6.75	0.00
202.840	141.05	0.00	845.00	0.00	0.00	3.63	0.00
202.840	142.01	0.00	1550.00	0.00	0.00	5.44	0.00
202.840	142.40	0.00	1930.00	0.00	0.00	6.28	0.00
202.840	143.16	0.00	3065.00	0.00	0.00	8.69	0.00
203.160	141.30	0.00	845.00	0.00	0.00	3.44	0.00
203.160	142.35	0.00	1550.00	0.00	0.00	4.94	0.00
203.160	144.09	954.29	1866.54	244.17	1.57	5.57	1.11
203.180	141.41	0.00	845.00	0.00	0.00	2.69	0.00
203.180	142.75	0.00	1550.00	0.00	0.00	3.75	0.00
203.180	143.37	0.00	1930.00	0.00	0.00	4.20	0.00
203.180	144.81	0.00	3065.00	0.00	0.00	5.42	0.00
203.500	141.50	0.00	845.00	0.00	0.00	1.35	0.00
203.500	143.00	0.00	1550.00	0.00	0.00	2.00	0.00
203.500	143.70	0.00	1930.00	0.00	0.00	2.99	0.00
203.500	145.30	0.00	3065.00	0.00	0.00	3.84	0.00
225.000	142.41	266.37	102.48	233.14	0.23	0.38	0.22
225.000	143.85	432.02	108.95	429.03	0.25	0.41	0.24
225.000	144.52	604.21	204.59	566.21	0.26	0.42	0.26
225.000	146.21	964.79	308.99	910.13	0.29	0.47	0.29
275.000	143.80	13.55	581.91	4.54	0.26	0.46	0.19
275.000	144.77	290.64	1056.35	14.02	0.29	0.52	0.22
275.000	145.31	390.00	1313.66	21.48	0.30	0.54	0.22
275.000	146.81	74.29	2055.46	55.25	0.30	0.57	0.26
317.500	148.38	100.57	668.51	33.92	0.68	0.34	0.70
317.500	148.70	150.79	863.75	42.46	1.00	0.52	0.25
317.500	148.82	296.79	993.04	55.26	1.47	0.50	1.51
317.500	149.23	549.32	1473.12	102.85	2.17	0.86	1.94
318.830	148.85	0.00	600.00	0.00	0.00	2.58	0.00
318.830	149.71	0.00	1100.00	0.00	0.00	3.99	0.00
318.830	150.11	0.00	1375.00	0.00	0.00	4.66	0.00
318.830	151.00	0.00	2185.00	0.00	0.00	6.43	0.00
319.170	148.85	0.00	600.00	0.00	0.00	2.58	0.00
319.170	149.72	0.00	1100.00	0.00	0.00	3.98	0.00
319.170	150.13	0.00	1375.00	0.00	0.00	4.64	0.00
319.170	152.59	1711.31	473.69	0.00	0.52	1.13	0.00

1	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	1
2									2
3	319.5000	149.83	141.10	418.06	40.84	0.62	1.73	0.59	3
4	319.5000	150.12	330.57	644.59	124.85	0.91	2.18	0.73	4
5	319.5000	150.65	437.59	749.36	188.06	1.02	2.32	0.81	5
6	319.5000	152.60	761.17	972.68	451.15	1.13	2.32	0.95	6
7									7
8	328.0000	149.69	82.13	319.99	197.88	0.36	0.79	0.43	8
9	328.0000	150.91	180.87	542.77	376.36	0.52	1.03	0.59	9
10	328.0000	151.47	237.76	662.00	475.24	0.58	1.14	0.66	10
11	328.0000	153.28	416.67	998.10	770.23	0.71	1.31	0.77	11
12									12
13	329.4800	149.81	0.00	600.00	0.00	0.00	2.28	0.00	13
14	329.4800	151.04	0.00	1100.00	0.00	0.00	3.10	0.00	14
15	329.4800	151.60	0.00	1375.00	0.00	0.00	3.47	0.00	15
16	329.4800	153.36	0.00	2185.00	0.00	0.00	4.13	0.00	16
17									17
18	329.5000	149.70	0.00	600.00	0.00	0.00	3.52	0.00	18
19	329.5000	150.90	0.00	1100.00	0.00	0.00	4.75	0.00	19
20	329.5000	151.52	0.00	1375.00	0.00	0.00	5.26	0.00	20
21	329.5000	153.26	0.00	2185.00	0.00	0.00	6.02	0.00	21
22									22
23	329.7000	150.07	0.00	600.00	0.00	0.00	3.25	0.00	23
24	329.7000	151.44	0.00	1100.00	0.00	0.00	4.29	0.00	24
25	329.7000	152.06	0.00	1375.00	0.00	0.00	4.71	0.00	25
26	329.7000	153.88	0.00	2185.00	0.00	0.00	5.44	0.00	26
27									27
28	329.7200	150.22	0.00	600.00	0.00	0.00	2.85	0.00	28
29	329.7200	151.69	0.00	1100.00	0.00	0.00	2.73	0.00	29
30	329.7200	152.36	0.00	1375.00	0.00	0.00	3.03	0.00	30
31	329.7200	154.25	0.00	2185.00	0.00	0.00	3.67	0.00	31
32									32
33	330.1000	150.32	17.93	230.21	351.85	0.28	0.55	0.31	33
34	330.1000	151.86	33.32	392.28	674.40	0.35	0.68	0.40	34
35	330.1000	152.57	41.51	479.91	853.58	0.38	0.74	0.44	35
36	330.1000	154.55	64.57	713.02	1307.41	0.43	0.87	0.53	36
37									37
38	365.0000	151.05	17.65	577.09	55.26	0.34	1.81	0.34	38
39	365.0000	153.38	171.04	878.03	50.33	0.51	1.90	0.51	39
40	365.0000	154.04	206.22	990.57	80.01	0.55	1.87	0.55	40
41	365.0000	155.76	779.90	1172.20	232.01	0.60	1.87	0.59	41
42									42
43	407.0000	156.65	28.59	538.63	32.78	0.29	1.85	0.34	43
44	407.0000	157.98	113.68	839.47	126.35	0.40	1.33	0.47	44
45	407.0000	158.49	172.82	1011.01	191.17	0.44	1.45	0.52	45
46	407.0000	159.55	370.68	1409.93	404.39	0.55	1.75	0.65	46
47									47
48	438.6000	159.20	67.00	327.76	50.24	0.41	1.65	0.48	48
49	438.6000	160.57	226.96	423.02	170.02	0.52	1.67	0.60	49
50	438.6000	161.88	323.65	454.61	241.74	0.54	1.66	0.62	50
51	438.6000	162.25	626.68	534.51	463.31	0.56	1.67	0.66	51
52									52
53									53
54									54
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56									56
57									57
58									58
59									59
60									60
61									61
62									62
63									63

155 (CONTRACT PRINTING CENTER)





SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
506.700	167.81	284.74	160.26	0.00	0.93	2.13	0.06
506.700	168.34	530.91	230.23	58.86	1.17	2.59	0.71
506.700	170.42	693.24	165.95	168.81	0.59	1.18	0.49
506.700	171.13	1112.85	234.41	277.75	0.75	1.48	0.64
507.090	170.13	355.51	189.49	0.00	0.33	0.67	0.00
507.090	170.43	558.18	132.08	129.74	0.47	0.94	0.39
507.090	170.65	1696.12	157.80	166.07	0.54	1.08	0.46
507.090	171.24	1115.18	228.55	281.28	0.73	1.43	0.62
507.500	170.14	307.51	168.81	168.68	0.29	0.56	0.24
507.500	170.44	567.69	121.28	132.04	0.48	0.93	0.40
507.500	170.66	706.99	144.29	168.72	0.55	1.06	0.46
507.500	171.26	1129.32	210.66	285.01	0.73	1.40	0.63
523.000	170.75	167.24	151.70	125.97	0.47	1.26	0.46
523.000	171.54	350.17	103.05	265.00	0.58	1.35	0.58
523.000	171.90	448.55	229.45	342.00	0.62	1.38	0.61
523.000	172.78	746.01	304.59	574.40	0.73	1.52	0.72
537.000	172.65	105.26	212.89	36.85	0.38	0.93	0.39
537.000	173.35	422.03	318.04	79.93	0.49	1.10	0.47
537.000	173.63	547.03	367.26	105.72	0.54	1.17	0.49
537.000	174.11	923.08	496.70	199.62	0.63	1.30	0.55
550.000	173.89	115.39	71.40	113.20	0.29	0.73	0.29
550.000	174.52	230.62	97.15	222.22	0.35	0.79	0.36
550.000	174.81	296.10	110.88	283.02	0.37	0.83	0.39
550.000	175.52	493.48	146.39	460.13	0.43	0.90	0.44
576.000	176.97	51.62	93.06	155.32	0.51	1.34	0.45
576.000	177.41	94.03	126.79	329.19	0.61	1.56	0.59
576.000	177.62	121.24	141.63	427.13	0.66	1.63	0.65
576.000	178.15	204.30	180.20	715.44	0.76	1.78	0.77
576.880	177.09	0.00	93.15	206.85	0.00	1.16	0.51
576.880	177.55	0.00	126.14	423.86	0.00	1.36	0.67
576.880	177.77	0.00	141.62	548.38	0.00	1.44	0.75
576.880	178.29	0.00	182.51	917.49	0.00	1.62	0.92
577.520	178.28	0.00	48.84	251.16	0.00	0.44	0.25
577.520	178.64	0.00	80.15	469.85	0.00	0.67	0.40
577.520	178.77	0.00	96.89	593.11	0.00	0.78	0.47
577.520	179.07	0.00	143.27	956.73	0.00	1.08	0.67
577.900	178.29	60.62	42.52	196.87	0.20	0.40	0.20
577.900	178.65	114.84	69.74	365.43	0.31	0.61	0.31
577.900	178.79	145.87	84.25	459.80	0.37	0.71	0.36
577.900	179.10	40.59	123.96	735.44	0.50	0.98	0.51



SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
603.000	179.33	0.18	295.23	4.59	0.18	1.12	0.23
603.010	180.27	0.36	482.16	62.27	0.41	1.12	0.43
603.060	183.69	1.88	573.98	105.14	0.41	1.22	0.58
603.000	181.63	3.83	820.69	240.48	0.52	1.33	0.62
620.000	183.31	0.00	136.08	163.92	0.00	1.33	0.60
620.000	183.99	0.00	208.38	341.62	0.00	1.71	0.89
620.000	184.31	0.00	245.20	444.80	0.00	1.88	1.02
620.000	185.11	0.00	344.39	755.60	0.00	2.25	1.33
620.780	183.51	0.00	300.00	0.00	0.00	4.09	0.00
620.780	184.15	0.00	550.00	0.00	0.00	6.52	0.00
620.780	184.41	0.00	690.00	0.00	0.00	7.79	0.00
620.780	185.21	97.09	67.46	935.44	0.24	7.66	0.22
620.800	183.50	0.00	300.00	0.00	0.00	4.40	0.00
620.800	184.14	0.00	330.00	0.00	0.00	7.03	0.00
620.800	184.39	0.00	690.00	0.00	0.00	8.40	0.00
620.800	186.74	234.03	426.65	439.32	0.87	4.15	0.82
621.200	183.75	0.00	300.00	0.00	0.00	4.17	0.00
621.200	184.79	0.00	550.00	0.00	0.00	6.21	0.00
621.200	185.46	0.00	690.00	0.00	0.00	7.37	0.00
621.200	187.00	305.28	231.05	563.67	0.54	2.15	0.53
621.220	183.81	0.00	300.00	0.00	0.00	3.83	0.00
621.220	184.95	0.00	550.00	0.00	0.00	5.63	0.00
621.220	185.83	0.00	690.00	0.00	0.00	6.12	0.00
621.220	187.03	313.33	29.82	756.85	0.05	0.22	0.08
621.500	184.14	0.00	124.69	175.31	0.00	0.99	0.43
621.500	185.61	0.00	185.66	364.34	0.00	1.11	0.56
621.500	186.61	0.00	212.74	477.26	0.00	1.09	0.58
621.500	187.02	0.00	328.79	771.21	0.00	1.59	0.87

LOS ANGELES PRINTING OFFICE: 1967 O-271



BEAR SWAMP JAN 86 RBT  
SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	SZCHL	STCHR	TENDST	TOPWID
0.0000	117.43	1476.85	1975.00	2025.00	2182.95	706.10
0.0000	118.29	1300.55	1975.00	2025.00	2238.85	938.30
0.0000	118.65	1226.75	1975.00	2025.00	2262.25	1035.50
0.0000	119.49	1054.55	1975.00	2025.00	2316.85	1262.30
14.0000	121.97	4479.41	4602.00	4659.00	4912.83	433.42
14.0000	122.71	4741.60	4602.00	4659.00	4945.85	604.25
14.0000	123.01	4799.10	4602.00	4659.00	4959.50	660.40
14.0000	123.73	4227.75	4602.00	4659.00	5480.63	1200.44
22.6000	124.79	3000.00	3252.00	3300.00	3400.00	400.00
22.6000	125.88	3000.00	3252.00	3300.00	3400.00	400.00
22.6000	126.34	3000.00	3252.00	3300.00	3400.00	400.00
22.6000	127.44	3000.00	3252.00	3300.00	3400.00	400.00
23.6500	125.04	3264.10	3262.00	3318.00	3313.76	49.67
23.6500	126.13	2992.17	3262.00	3318.00	3912.76	121.82
23.6500	126.59	2861.26	3262.00	3318.00	3958.91	497.97
23.6500	127.79	2571.10	3262.00	3318.00	4656.85	2051.34
23.9500	125.05	3264.08	3262.00	3318.00	3313.79	49.71
23.9500	126.19	2974.41	3262.00	3318.00	7919.02	219.07
23.9500	126.70	2825.80	3262.00	3318.00	3971.41	620.72
23.9500	127.99	2464.48	3262.00	3318.00	4823.16	2358.67
24.3000	125.39	3150.00	3252.00	3300.00	3500.00	350.00
24.3000	126.89	3150.00	3252.00	3300.00	3500.00	350.00
24.3000	127.40	3150.00	3252.00	3300.00	3500.00	350.00
24.3000	128.08	3150.00	3252.00	3300.00	3500.00	350.00
30.0000	125.93	2390.00	3252.00	3300.00	3615.00	1225.00
30.0000	127.29	2300.00	3252.00	3300.00	3615.00	1225.00
30.0000	127.80	2390.00	3252.00	3300.00	3615.00	1225.00
30.0000	128.65	2390.00	3252.00	3300.00	3615.00	1225.00
85.0000	129.71	2399.14	2760.00	2800.00	3996.33	1597.15
85.0000	130.26	2394.70	2760.00	2800.00	4698.63	2303.93
85.0000	130.56	2392.16	2760.00	2800.00	5077.89	2685.73
85.0000	131.42	2385.39	2760.00	2800.00	5200.00	2814.61
115.0000	131.77	2102.10	3250.00	3300.00	3906.30	1804.10
115.0000	132.45	2082.30	3250.00	3300.00	3913.72	1831.42
115.0000	132.72	2073.68	3250.00	3300.00	3916.66	1842.98
115.0000	133.38	2052.27	3250.00	3300.00	3923.95	1871.68

	SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
1							
2							
3							
4	142.0000	133.68	1560.00	1775.00	1818.00	2360.00	552.44
5	142.0000	134.53	1560.00	1775.00	1818.00	2360.00	800.00
6	142.0000	134.91	1560.00	1775.00	1818.00	2360.00	800.00
7	142.0000	135.82	1560.00	1775.00	1818.00	2360.00	800.00
8							
9	143.0500	133.90	1752.00	1752.00	2385.00	2385.00	500.88
10	143.0500	134.79	1752.00	1752.00	2385.00	2385.00	633.00
11	143.0500	135.17	1752.00	1752.00	2385.00	2385.00	633.00
12	143.0500	136.08	1752.00	1752.00	2385.00	2385.00	633.00
13							
14	143.0700	133.81	1778.31	1765.00	2386.00	2386.00	58.98
15	143.0700	134.56	1776.37	1765.00	2386.00	2386.00	64.16
16	143.0700	134.85	1775.60	1765.00	2386.00	2386.00	66.23
17	143.0700	135.47	1774.01	1765.00	2386.00	2386.00	70.46
18							
19	143.3300	134.26	1777.14	1765.00	2386.00	2386.00	62.11
20	143.3300	135.51	1773.89	1765.00	2386.00	2386.00	70.80
21	143.3300	136.10	1772.36	1765.00	2386.00	2386.00	74.88
22	143.3300	138.35	1292.29	1765.00	2386.00	2561.56	585.71
23							
24	143.3500	134.57	1752.00	1752.00	2385.00	2385.00	633.00
25	143.3500	136.07	1752.00	1752.00	2385.00	2385.00	633.00
26	143.3500	136.78	1752.00	1752.00	2385.00	2385.00	633.00
27	143.3500	139.19	1119.17	1752.00	2385.00	2937.75	1818.57
28							
29	143.7000	134.60	1640.00	1775.00	1818.00	2290.00	650.00
30	143.7000	136.10	1640.00	1775.00	1818.00	2290.00	650.00
31	143.7000	136.80	1640.00	1775.00	1818.00	2290.00	650.00
32	143.7000	139.20	1640.00	1775.00	1818.00	2290.00	650.00
33							
34	168.0000	136.17	1310.94	1800.00	1829.00	3023.72	1712.73
35	168.0000	137.19	1274.33	1800.00	1829.00	3041.46	1767.13
36	168.0000	137.74	1256.76	1800.00	1829.00	3050.89	1794.13
37	168.0000	139.71	1194.14	1800.00	1829.00	3084.90	1890.76
38							
39	180.0000	137.25	739.89	980.00	1020.00	1835.39	1095.50
40	180.0000	137.95	711.83	980.00	1020.00	1933.59	1221.76
41	180.0000	138.36	695.42	980.00	1020.00	1991.04	1295.62
42	180.0000	139.99	630.12	980.00	1020.00	2219.57	1580.45
43							
44	193.0000	133.63	365.08	930.00	1020.00	1669.84	1304.76
45	193.0000	139.34	326.47	960.00	1020.00	1747.06	1420.58
46	193.0000	130.66	300.67	980.00	1020.00	1782.66	1473.98
47	193.0000	140.75	276.48	980.00	1020.00	1835.02	1558.53
48							
49	201.0000	139.86	780.00	950.00	1050.00	1220.00	440.00
50	201.0000	140.64	780.00	950.00	1050.00	1220.00	440.00
51	201.0000	140.98	780.00	950.00	1050.00	1220.00	440.00
52	201.0000	141.82	780.00	950.00	1050.00	1220.00	440.00
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U.S. GOVERNMENT PRINTING OFFICE: 1975 O-271-810-10

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
2002.820	141.07	963.00	963.00	1037.00	1037.00	74.00
2002.820	142.05	963.00	963.00	1037.00	1037.00	74.00
2002.820	142.46	963.00	963.00	1037.00	1037.00	74.00
2002.820	143.30	963.00	963.00	1037.00	1037.00	74.00
2002.840	141.05	1892.31	1886.00	1960.00	1947.21	54.90
2002.840	142.01	1891.32	1886.00	1960.00	1949.46	58.14
2002.840	142.40	1890.91	1886.00	1960.00	1950.39	59.48
2002.840	143.16	1890.12	1886.00	1960.00	1952.18	62.07
2003.160	141.30	1892.05	1886.00	1960.00	1947.80	55.75
2003.160	142.51	1890.79	1886.00	1960.00	1950.65	59.86
2003.160	143.06	1890.23	1886.00	1960.00	1951.94	61.71
2003.160	144.91	1139.33	1886.00	1960.00	2501.01	964.89
2003.180	141.41	963.00	963.00	1037.00	1037.00	74.00
2003.180	142.75	963.00	963.00	1037.00	1037.00	74.00
2003.180	143.37	963.00	963.00	1037.00	1037.00	74.00
2003.180	144.81	963.00	963.00	1037.00	1037.00	74.00
2003.500	141.58	1900.00	1900.00	2000.00	2000.00	100.00
2003.500	143.06	1900.00	1900.00	2000.00	2000.00	100.00
2003.500	143.74	1900.00	1900.00	2000.00	2000.00	100.00
2003.500	145.39	1900.00	1900.00	2000.00	2000.00	100.00
225.000	142.41	433.17	950.00	1050.00	1573.50	1140.33
225.000	143.85	393.69	950.00	1050.00	1579.77	1186.06
225.000	144.52	384.19	950.00	1050.00	1582.71	1198.52
225.000	146.21	360.78	950.00	1050.00	1590.06	1229.67
275.000	143.80	3304.56	3430.00	4219.00	4251.06	866.50
275.000	144.77	3372.17	3430.00	4219.00	4271.66	899.49
275.000	145.31	3365.19	3430.00	4219.00	4283.26	918.07
275.000	146.81	3345.91	3430.00	4219.00	4310.89	964.98
317.500	148.33	2125.00	2125.00	2175.00	2190.85	199.85
317.500	148.76	2125.00	2125.00	2175.00	2224.36	224.36
317.500	148.82	2125.00	2125.00	2175.00	2228.44	228.44
317.500	149.23	2125.00	2125.00	2175.00	2256.31	256.31
318.830	148.85	2125.00	2125.00	2175.00	2175.00	50.00
318.830	149.71	2125.00	2125.00	2175.00	2175.00	50.00
318.830	150.11	2125.00	2125.00	2175.00	2175.00	50.00
318.830	151.00	2125.00	2125.00	2175.00	2175.00	50.00
319.170	148.85	2125.00	2125.00	2175.00	2175.00	50.00
319.170	149.72	2125.00	2125.00	2175.00	2175.00	50.00
319.170	150.13	2125.00	2125.00	2175.00	2175.00	50.00
319.170	152.59	1409.54	2125.00	2175.00	2175.00	765.46



U.S. GOVERNMENT PRINTING OFFICE: 1975 O-240-000

	SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
1							
2							
3							
4	319.5000	149.23	20000.00	21255.00	2175.00	2242.78	242.78
5	319.5000	150.12	20000.00	21255.00	2175.00	2283.28	283.28
6	319.5000	150.65	20000.00	21255.00	2175.00	2294.59	294.59
7	319.5000	152.68	20000.00	2125.00	2175.00	2300.00	300.00
8							
9	328.0000	149.69	20000.00	21000.00	22000.00	2350.00	350.00
10	328.0000	150.91	20000.00	21000.00	22000.00	2350.00	350.00
11	328.0000	151.47	20000.00	21000.00	22000.00	2350.00	350.00
12	328.0000	153.28	20000.00	21000.00	22000.00	2350.00	350.00
13							
14	329.4800	149.81	2131.00	2131.00	2206.00	2286.00	75.00
15	329.4800	151.84	2131.00	2131.00	2206.00	2286.00	75.00
16	329.4800	151.88	2131.00	2131.00	2206.00	2286.00	75.00
17	329.4800	153.36	2131.00	2131.00	2206.00	2286.00	75.00
18							
19	329.5000	149.78	2140.04	2131.00	2206.00	2194.15	54.11
20	329.5000	150.92	2138.14	2131.00	2206.00	2196.49	58.35
21	329.5000	151.52	2137.27	2131.00	2206.00	2197.56	60.29
22	329.5000	153.26	2134.49	2131.00	2206.00	2200.98	66.49
23							
24	329.7000	150.87	2139.59	2131.00	2206.00	2194.71	55.12
25	329.7000	151.44	2137.41	2131.00	2206.00	2197.39	59.99
26	329.7000	152.66	2136.40	2131.00	2206.00	2198.63	62.22
27	329.7000	153.88	2133.50	2131.00	2206.00	2202.20	68.70
28							
29	329.7200	150.22	2131.00	2131.00	2206.00	2206.00	75.00
30	329.7200	151.69	2131.00	2131.00	2206.00	2206.00	75.00
31	329.7200	152.36	2131.00	2131.00	2206.00	2206.00	75.00
32	329.7200	154.25	2131.00	2131.00	2206.00	2206.00	75.00
33							
34	330.1000	150.37	2000.00	2100.00	2200.00	2550.00	470.00
35	330.1000	151.86	2000.00	2100.00	2200.00	2550.00	470.00
36	330.1000	152.57	2000.00	2100.00	2200.00	2550.00	470.00
37	330.1000	154.53	2000.00	2100.00	2200.00	2550.00	470.00
38							
39	365.0000	151.95	2039.18	2050.00	3050.00	3083.81	243.84
40	365.0000	153.33	2070.00	2050.00	3050.00	3133.40	403.40
41	365.0000	154.84	2592.74	2950.00	3050.00	3156.42	563.68
42	365.0000	155.76	2460.31	2950.00	3050.00	3206.66	746.66
43							
44	407.0000	156.65	1854.67	1950.00	2050.00	2140.47	285.80
45	407.0000	157.98	1761.19	1950.00	2050.00	2223.93	462.74
46	407.0000	158.49	1725.59	1950.00	2050.00	2255.76	538.22
47	407.0000	159.55	1651.50	1950.00	2050.00	2321.88	670.38
48							
49	438.6000	159.20	4832.99	4900.00	5020.00	5115.56	282.56
50	438.6000	160.57	4697.35	4900.00	5020.00	5190.82	382.47
51	438.6000	161.08	4621.98	4900.00	5020.00	5245.29	623.49
52	438.6000	162.25	4452.47	4900.00	5020.00	5347.42	894.95
53							
54							
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63							

LINE	SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
3							
4	439.730	159.34	4825.77	4985.00	5015.00	5119.86	294.09
5	439.730	160.66	4682.64	4985.00	5015.00	5208.69	526.05
6	439.730	161.17	4608.52	4985.00	5015.00	5253.36	644.84
7	439.730	162.31	4442.03	4985.00	5015.00	5353.71	911.68
8							
9	440.270	160.02	3186.64	3532.00	3565.00	3912.10	725.46
10	440.270	160.73	2994.34	3532.00	3565.00	3928.92	918.91
11	440.270	161.23	2989.22	3532.00	3565.00	3940.36	951.14
12	440.270	162.37	2977.30	3532.00	3565.00	3966.97	989.67
13							
14	440.600	160.03	3184.85	3532.00	3565.00	3912.47	727.63
15	440.600	160.75	2994.27	3532.00	3565.00	3929.07	920.87
16	440.600	161.24	2989.16	3532.00	3565.00	3940.49	951.33
17	440.600	162.38	2977.26	3532.00	3565.00	3967.06	989.80
18							
19	449.500	161.02	2548.00	2638.00	2658.00	2748.00	200.00
20	449.500	161.95	2548.00	2638.00	2658.00	2748.00	200.00
21	449.500	162.31	2548.00	2638.00	2658.00	2748.00	200.00
22	449.500	163.27	2548.00	2638.00	2658.00	2748.00	200.00
23							
24	450.330	161.16	1658.00	1658.00	1683.00	1683.00	25.00
25	450.330	162.09	1658.00	1658.00	1683.00	1683.00	25.00
26	450.330	162.43	1658.00	1658.00	1683.00	1683.00	25.00
27	450.330	163.29	1658.00	1658.00	1683.00	1683.00	25.00
28							
29	450.670	162.52	1658.00	1658.00	1683.00	1683.00	25.00
30	450.670	166.96	1658.00	1658.00	1683.00	1683.00	25.00
31	450.670	170.07	1658.00	1658.00	1683.00	1683.00	25.00
32	450.670	170.84	5855.67	1658.00	1683.00	2589.06	2003.39
33							
34	451.000	162.78	1570.00	1658.00	1683.00	1770.00	200.00
35	451.000	167.17	1570.00	1658.00	1683.00	1770.00	200.00
36	451.000	170.25	1570.00	1658.00	1683.00	1770.00	200.00
37	451.000	170.83	1570.00	1658.00	1683.00	1770.00	200.00
38							
39	465.000	162.99	1556.39	1975.00	2025.00	2183.78	1627.39
40	465.000	167.33	1599.30	1975.00	2025.00	2333.45	1033.65
41	465.000	170.28	1843.79	1975.00	2025.00	2501.01	1457.91
42	465.000	170.89	922.29	1975.00	2025.00	2612.90	1690.61
43							
44	477.000	163.19	1342.33	1600.00	1700.00	1927.42	584.59
45	477.000	167.25	1333.35	1600.00	1700.00	2134.63	831.28
46	477.000	170.29	884.63	1600.00	1700.00	2280.37	1395.74
47	477.000	170.91	739.98	1600.00	1700.00	2450.10	1710.12
48							
49	505.500	166.73	1429.12	1585.00	1610.00	1608.96	179.84
50	505.500	167.39	1382.63	1585.00	1610.00	1650.21	267.61
51	505.500	170.37	1176.39	1585.00	1610.00	1750.47	574.08
52	505.500	171.06	1141.95	1585.00	1610.00	1765.13	623.18
53							
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LINE NO	SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
4	506.700	167.81	1344.43	1585.00	1610.00	1610.00	265.57
5	506.700	168.34	1296.60	1585.00	1610.00	1707.54	414.94
6	506.700	170.42	1174.15	1585.00	1610.00	1751.43	577.28
7	506.700	171.13	1138.91	1585.00	1610.00	1766.42	627.51
9 *	507.090	170.13	1188.19	1585.00	1610.00	1610.00	421.81
10 *	507.090	170.43	1173.35	1585.00	1610.00	1751.76	578.41
11 *	507.090	170.65	1162.15	1585.00	1610.00	1756.53	594.37
12 *	507.090	171.24	1132.64	1585.00	1610.00	1769.09	636.45
14	507.500	170.14	1188.02	1585.00	1610.00	1745.52	557.51
15	507.500	170.44	1173.08	1585.00	1610.00	1751.88	578.79
16	507.500	170.66	1162.03	1585.00	1610.00	1756.53	594.56
17	507.500	171.26	1132.27	1585.00	1610.00	1769.25	636.97
18	523.000	170.75	678.98	980.00	1020.00	1252.52	573.53
20	523.000	171.51	657.06	980.00	1020.00	1276.00	618.94
21	523.000	171.91	647.00	980.00	1020.00	1286.79	639.79
22	523.000	172.78	622.37	980.00	1020.00	1313.18	690.81
24	537.000	172.65	2159.03	2650.00	2737.00	2828.47	669.44
25	537.000	173.33	2116.74	2650.00	2737.00	2870.76	754.01
26	537.000	173.63	2097.52	2650.00	2737.00	2889.67	792.15
27	537.000	174.41	2041.97	2650.00	2737.00	2976.55	934.58
29	550.000	173.00	1587.59	1980.00	2020.00	2381.20	793.61
30	550.000	174.52	1543.89	1980.00	2020.00	2403.05	850.16
31	550.000	174.81	1524.01	1980.00	2020.00	2413.00	888.99
32	550.000	175.52	1396.62	1980.00	2020.00	2518.74	1122.11
34	576.000	176.97	3522.76	3630.00	3657.00	4128.43	605.66
35	576.000	177.41	3499.52	3630.00	3657.00	4144.71	645.19
36	576.000	177.62	3485.46	3630.00	3657.00	4152.52	667.07
37	576.000	178.15	3450.21	3630.00	3657.00	4172.11	721.89
39	576.880	177.09	3630.00	3630.00	3657.00	4133.38	503.30
40	576.880	177.55	3630.00	3630.00	3657.00	4150.05	520.05
41	576.880	177.77	3630.00	3630.00	3657.00	4157.99	527.99
42	576.880	178.29	3630.00	3630.00	3657.00	4177.41	547.41
44 *	577.520	178.20	3630.00	3630.00	3657.00	4177.10	547.10
45 *	577.520	178.64	3630.00	3630.00	3657.00	4190.40	560.40
46 *	577.520	178.77	3630.00	3630.00	3657.00	4195.50	565.50
47 *	577.520	179.07	3630.00	3630.00	3657.00	4210.01	580.01
49	577.900	178.29	3440.49	3630.00	3657.00	4177.51	737.02
50	577.900	178.65	3416.33	3630.00	3657.00	4190.93	774.59
51	577.900	178.72	3407.06	3630.00	3657.00	4196.08	780.02
52	577.900	179.10	3293.97	3630.00	3657.00	4211.25	917.28



SECNO CWSEL SSTA STCHL STCHR ENDST TOPWID

603.000 179.33 2627.85 2634.00 2788.00 2916.96 230.41

603.000 180.27 2609.80 2634.00 2788.00 2947.77 337.97

603.000 180.69 2602.18 2634.00 2788.00 2960.80 358.62

603.000 181.63 2562.25 2634.00 2788.00 2991.31 429.05

620.000 183.31 6682.00 6682.00 6710.00 6876.00 194.00

620.000 183.97 6682.00 6682.00 6710.00 6876.00 194.00

620.000 184.31 6682.00 6682.00 6710.00 6876.00 194.00

620.000 185.11 6682.00 6682.00 6710.00 6876.00 194.00

620.780 183.51 6690.00 6690.00 6707.00 6707.00 17.00

620.780 184.15 6690.00 6690.00 6707.00 6707.00 17.00

620.780 184.41 6690.00 6690.00 6707.00 6707.00 17.00

620.780 185.21 5949.02 6690.00 6707.00 9642.72 3309.97

620.800 183.50 6689.39 6690.00 6707.00 6707.50 18.11

620.800 184.14 6689.30 6690.00 6707.00 6707.62 18.32

620.800 184.39 6689.26 6690.00 6707.00 6707.66 18.40

620.800 186.74 5753.46 6690.00 6707.00 8422.93 2669.47

621.200 183.75 6689.36 6690.00 6707.00 6707.55 18.19

621.200 184.79 6689.20 6690.00 6707.00 6707.74 18.53

621.200 185.46 6689.11 6690.00 6707.00 6707.86 18.75

621.200 187.00 5349.19 6690.00 6707.00 9002.19 3653.00

621.220 183.81 6690.00 6690.00 6707.00 6707.00 17.00

621.220 184.95 6690.00 6690.00 6707.00 6707.00 17.00

621.220 185.83 6690.00 6690.00 6707.00 6707.00 17.00

621.220 187.03 2362.11 6690.00 6707.00 9852.58 7490.47

621.500 184.14 6682.00 6682.00 6710.00 6876.00 194.00

621.500 185.61 6682.00 6682.00 6710.00 6876.00 194.00

621.500 186.61 6682.00 6682.00 6710.00 6876.00 194.00

621.500 187.02 6682.00 6682.00 6710.00 6876.00 194.00

621.500 187.02 6682.00 6682.00 6710.00 6876.00 194.00

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621.500 187.02 6682.00 6682.00 6710.00 6876.00 194.00

U.S. GOVERNMENT PRINTING OFFICE: 1967 O 281-000

BEAR SWAMP JAN 86 RBT  
SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10X*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	112.10	925.00	117.43	0.00	117.48	26.85	2.37	991.16	178.51
0.000	0.00	0.00	0.00	112.10	1695.00	118.29	0.00	118.34	27.13	2.72	1698.25	325.40
0.000	0.00	0.00	0.00	112.10	2110.00	118.65	0.00	118.70	27.03	2.85	2053.54	405.81
0.000	0.00	0.00	0.00	112.10	3345.00	119.49	0.00	119.54	27.11	3.16	3018.61	642.42
14.000	1400.00	0.00	0.00	117.00	925.00	121.97	0.00	122.07	62.42	3.07	601.60	117.08
14.000	1400.00	0.00	0.00	117.00	1695.00	122.71	0.00	122.82	66.32	3.65	985.45	208.13
14.000	1400.00	0.00	0.00	117.00	2110.00	123.01	0.00	123.12	67.85	3.88	1175.37	256.15
14.000	1400.00	0.00	0.00	117.00	3345.00	123.73	0.00	123.86	69.78	4.38	1774.52	400.68
22.600	860.00	0.00	0.00	118.30	925.00	124.79	0.00	124.85	18.96	2.37	815.01	212.46
22.600	860.00	0.00	0.00	118.30	1695.00	125.88	0.00	125.95	21.49	2.86	1246.89	365.65
22.600	860.00	0.00	0.00	118.30	2110.00	126.34	0.00	126.41	22.74	3.08	1430.57	442.51
22.600	860.00	0.00	0.00	118.30	3345.00	127.44	0.00	127.54	26.31	3.67	1870.42	652.11
23.650	105.00	0.00	0.00	118.70	925.00	125.04	0.00	125.25	50.64	3.69	250.51	129.98
23.650	105.00	0.00	0.00	118.70	1695.00	126.13	0.00	126.60	94.74	5.54	308.82	174.15
23.650	105.00	0.00	0.00	118.70	2110.00	126.59	123.67	127.16	110.51	6.19	464.16	200.71
23.650	105.00	0.00	0.00	118.70	3345.00	127.79	0.00	128.07	68.74	5.32	1959.03	403.44
23.950	30.00	126.00	126.50	118.70	925.00	125.05	0.00	125.26	50.15	3.68	251.34	130.62
23.950	30.00	126.00	126.50	118.70	1695.00	126.19	0.00	126.65	91.57	5.47	319.50	177.13
23.950	30.00	126.00	126.50	118.70	2110.00	126.70	0.00	127.16	92.05	5.70	533.87	219.93
23.950	30.00	126.00	126.50	118.70	3345.00	127.99	0.00	128.07	26.59	3.37	2406.52	648.74
24.300	35.00	0.00	0.00	118.30	925.00	125.39	0.00	125.43	18.63	2.02	791.21	214.31
24.300	35.00	0.00	0.00	118.30	1695.00	126.89	0.00	126.93	16.34	2.20	1315.98	419.31
24.300	35.00	0.00	0.00	118.30	2110.00	127.40	0.00	127.45	17.52	2.39	1494.57	504.16
24.300	35.00	0.00	0.00	118.30	3345.00	128.08	0.00	128.17	28.38	3.21	1732.52	627.89
30.000	570.00	0.00	0.00	118.00	925.00	125.93	0.00	125.94	5.13	1.06	2139.76	408.38
30.000	570.00	0.00	0.00	118.00	1695.00	127.29	0.00	127.29	3.37	0.90	3708.62	923.40
30.000	570.00	0.00	0.00	118.00	2110.00	127.80	0.00	127.80	3.27	1.02	4426.21	1167.67
30.000	570.00	0.00	0.00	118.00	3345.00	128.65	0.00	128.66	4.24	1.25	5462.71	1624.10
85.000	5500.00	0.00	0.00	124.00	925.00	129.71	0.00	129.71	10.61	0.88	2016.03	283.96
85.000	5500.00	0.00	0.00	124.00	1695.00	130.26	0.00	130.26	11.42	1.24	2966.49	501.47
85.000	5500.00	0.00	0.00	124.00	2110.00	130.56	0.00	130.57	9.94	1.04	3793.43	669.26
85.000	5500.00	0.00	0.00	124.00	3345.00	131.42	0.00	131.42	6.80	0.99	6125.26	1283.03
115.000	3000.00	0.00	0.00	126.50	925.00	131.77	0.00	131.77	5.20	0.60	2752.63	405.56
115.000	3000.00	0.00	0.00	126.50	1695.00	132.45	0.00	132.45	5.40	0.72	3980.43	729.28
115.000	3000.00	0.00	0.00	126.50	2110.00	132.72	0.00	132.72	5.76	0.79	4471.36	878.93
115.000	3000.00	0.00	0.00	126.50	3345.00	133.38	0.00	133.38	6.62	0.95	5704.10	1300.37

U.S. GOVERNMENT PRINTING OFFICE: 1980 O-274-840-01  
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SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CMSL	CRWS	EG	10K*S	VCH	AREA	.01K
439.730	113.00	0.00	0.00	152.00	445.00	159.34	0.00	159.37	9.10	1.67	472.60	147.53
439.730	113.00	0.00	0.00	152.00	820.00	160.66	0.00	160.68	5.85	1.55	993.78	339.01
439.730	113.00	0.00	0.00	152.00	1020.00	161.17	0.00	161.19	5.01	1.50	1290.97	455.80
439.730	113.00	0.00	0.00	152.00	1625.00	162.31	0.00	162.33	3.88	1.46	2178.44	825.01
440.270	54.00	159.50	158.00	152.50	445.00	160.02	0.00	160.03	3.78	1.10	798.94	228.98
440.270	54.00	159.50	158.00	152.50	820.00	160.73	0.00	160.74	4.00	1.22	1384.98	410.08
440.270	54.00	159.50	158.00	152.50	1020.00	161.23	0.00	161.24	3.05	1.12	1848.15	503.93
440.270	54.00	159.50	158.00	152.50	1625.00	162.37	0.00	162.38	2.08	1.02	2958.59	1126.10
440.600	33.00	0.00	0.00	152.50	445.00	160.03	0.00	160.04	7.66	1.25	810.65	160.78
440.600	33.00	0.00	0.00	152.50	820.00	160.75	0.00	160.77	9.00	1.47	1390.77	273.33
440.600	33.00	0.00	0.00	152.50	1020.00	161.24	0.00	161.25	7.16	1.37	1813.53	381.20
440.600	33.00	0.00	0.00	152.50	1625.00	162.38	0.00	162.39	5.17	1.29	2962.35	714.90
449.500	890.00	0.00	0.00	154.60	445.00	161.02	0.00	161.05	18.82	1.71	490.43	102.58
449.500	890.00	0.00	0.00	154.60	820.00	161.95	0.00	161.98	24.24	2.19	674.78	166.55
449.500	890.00	0.00	0.00	154.60	1020.00	162.31	0.00	162.35	27.29	2.43	747.63	195.25
449.500	890.00	0.00	0.00	154.60	1625.00	163.27	0.00	163.33	33.67	2.98	941.08	280.06
450.330	83.00	0.00	0.00	154.30	445.00	161.16	0.00	161.36	36.22	3.50	124.05	73.94
450.330	83.00	0.00	0.00	154.30	820.00	162.09	0.00	162.57	80.72	5.58	177.08	98.20
450.330	83.00	0.00	0.00	154.30	1020.00	162.43	0.00	163.10	88.60	6.54	156.03	108.36
450.330	83.00	0.00	0.00	154.30	1625.00	163.29	0.00	164.59	147.38	9.17	177.11	133.85
450.670	34.00	170.20	159.10	154.30	445.00	162.52	0.00	162.64	16.20	3.82	157.03	110.57
450.670	34.00	170.20	159.10	154.30	820.00	160.90	0.00	162.11	0.32	3.05	268.99	268.00
450.670	34.00	170.20	159.10	154.30	1020.00	170.07	0.00	170.20	6.19	2.94	346.60	409.84
450.670	34.00	170.20	159.10	154.30	1625.00	170.84	0.00	170.94	0.04	0.24	11433.59	8289.07
451.000	33.00	0.00	0.00	154.30	445.00	162.73	0.00	162.71	3.22	0.90	853.90	247.83
451.000	33.00	0.00	0.00	154.30	820.00	167.17	0.00	167.17	1.15	0.76	1746.35	763.60
451.000	33.00	0.00	0.00	154.30	1020.00	170.25	0.00	170.26	0.68	0.69	2364.10	1234.84
451.000	33.00	0.00	0.00	154.30	1625.00	170.83	0.00	170.84	1.49	1.05	2479.75	1332.01
465.000	1400.00	0.00	0.00	156.40	445.00	162.99	0.00	162.99	1.53	0.52	1626.96	360.00
465.000	1400.00	0.00	0.00	156.40	820.00	167.23	0.00	167.23	0.22	0.37	3057.71	1750.00
465.000	1400.00	0.00	0.00	156.40	1020.00	170.28	0.00	170.28	0.08	0.22	8760.22	3616.33
465.000	1400.00	0.00	0.00	156.40	1625.00	170.89	0.00	170.89	0.16	0.32	9715.85	4108.16
477.000	1200.00	0.00	0.00	158.10	445.00	163.19	0.00	163.19	1.69	0.49	1461.66	342.20
477.000	1200.00	0.00	0.00	158.10	820.00	167.25	0.00	167.26	0.26	0.31	4360.89	1598.66
477.000	1200.00	0.00	0.00	158.10	1020.00	170.29	0.00	170.29	0.10	0.23	7432.29	3239.23
477.000	1200.00	0.00	0.00	158.10	1625.00	170.91	0.00	170.91	0.19	0.34	8390.74	3685.47
505.500	2850.00	0.00	0.00	163.00	445.00	166.73	166.73	167.06	935.90	6.00	135.78	14.55
505.500	2850.00	0.00	0.00	163.00	820.00	167.39	0.00	167.61	491.40	5.39	278.49	36.99
505.500	2850.00	0.00	0.00	163.00	1020.00	170.37	0.00	170.38	7.39	1.18	1610.73	375.21
505.500	2850.00	0.00	0.00	163.00	1625.00	171.06	0.00	171.07	9.93	1.49	2023.11	515.57

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SRNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K																																																		
506.700	120.00	0.00	0.00	162.60	445.00	167.81	0.00	167.84	18.26	2.13	383.15	104.14																																																		
506.700	120.00	0.00	0.00	162.60	820.00	168.34	0.00	168.39	21.69	2.59	623.48	176.07																																																		
506.700	120.00	0.00	0.00	162.60	1020.00	170.42	0.00	170.43	2.45	1.18	1647.65	651.23																																																		
506.700	120.00	0.00	0.00	162.60	1625.00	171.13	0.00	171.14	3.30	1.48	2072.15	894.40																																																		
* 507.090	39.00	169.40	166.00	162.70	445.00	170.13	0.00	170.14	0.86	0.67	1197.15	479.42																																																		
* 507.090	39.00	169.40	166.00	162.70	820.00	170.43	0.00	170.43	1.57	0.94	1655.98	655.37																																																		
* 507.090	39.00	169.40	166.00	162.70	1020.00	170.65	0.00	170.66	1.96	1.08	1787.32	728.44																																																		
* 507.090	39.00	169.40	166.00	162.70	1625.00	171.24	0.00	171.25	2.98	1.43	2150.60	941.14																																																		
507.500	41.00	0.00	0.00	163.90	445.00	170.14	0.00	170.14	1.78	0.56	1479.22	333.19																																																		
507.500	41.00	0.00	0.00	163.90	820.00	170.44	0.00	170.44	6.47	0.93	1648.89	387.67																																																		
507.500	41.00	0.00	0.00	163.90	1020.00	170.66	0.00	170.67	5.60	1.06	1778.64	430.87																																																		
507.500	41.00	0.00	0.00	163.90	1625.00	171.26	0.00	171.27	8.44	1.40	2145.06	559.32																																																		
523.000	1550.00	0.00	0.00	166.50	445.00	170.75	0.00	170.76	16.91	1.26	749.14	108.22																																																		
523.000	1550.00	0.00	0.00	166.50	820.00	171.54	0.00	171.55	14.09	1.35	1215.92	218.42																																																		
523.000	1550.00	0.00	0.00	166.50	1020.00	171.90	0.00	171.91	13.18	1.38	1442.15	280.93																																																		
523.000	1550.00	0.00	0.00	166.50	1625.00	172.78	0.00	172.79	12.23	1.52	2027.36	464.72																																																		
537.000	1400.00	0.00	0.00	169.00	445.00	172.65	0.00	172.66	10.74	0.93	834.02	135.78																																																		
537.000	1400.00	0.00	0.00	169.00	820.00	173.33	0.00	173.34	11.19	1.10	1315.57	245.15																																																		
537.000	1400.00	0.00	0.00	169.00	1020.00	173.63	0.00	173.65	11.15	1.17	1549.45	305.52																																																		
537.000	1400.00	0.00	0.00	169.00	1625.00	174.41	0.00	174.43	10.65	1.30	2217.74	498.04																																																		
550.000	1300.00	0.00	0.00	170.40	300.00	173.89	0.00	173.89	7.42	0.73	892.83	110.16																																																		
550.000	1300.00	0.00	0.00	170.40	550.00	174.52	0.00	174.53	6.43	0.79	1408.69	216.93																																																		
550.000	1300.00	0.00	0.00	170.40	690.00	174.81	0.00	174.81	6.23	0.83	1657.01	276.41																																																		
550.000	1300.00	0.00	0.00	170.40	1100.00	175.52	0.00	175.52	5.72	0.90	2355.90	459.98																																																		
576.000	2600.00	0.00	0.00	173.20	300.00	176.97	0.00	176.98	24.06	1.34	518.09	61.16																																																		
576.000	2600.00	0.00	0.00	173.20	550.00	177.41	0.00	177.42	26.37	1.56	793.08	107.11																																																		
576.000	2600.00	0.00	0.00	173.20	690.00	177.62	0.00	177.64	26.35	1.63	931.48	134.68																																																		
576.000	2600.00	0.00	0.00	173.20	1100.00	178.15	0.00	178.16	25.59	1.78	1298.63	217.44																																																		
576.880	80.00	0.00	0.00	172.40	300.00	177.09	0.00	177.10	0.52	1.16	489.36	97.22																																																		
576.880	80.00	0.00	0.00	172.40	550.00	177.35	0.00	177.36	10.90	1.36	720.84	166.50																																																		
576.880	80.00	0.00	0.00	172.40	690.00	177.77	0.00	177.78	11.23	1.44	833.07	205.90																																																		
576.880	80.00	0.00	0.00	172.40	1100.00	178.29	0.00	178.31	11.92	1.62	1115.06	318.63																																																		
* 577.520	64.00	178.00	177.60	172.60	300.00	178.28	0.00	178.28	0.91	0.44	1108.53	315.26																																																		
* 577.520	64.00	178.00	177.60	172.60	550.00	178.64	0.00	178.64	1.84	0.67	1307.46	405.18																																																		
* 577.520	64.00	178.00	177.60	172.60	690.00	178.77	0.00	178.78	2.43	0.78	1394.97	442.38																																																		
* 577.520	64.00	178.00	177.60	172.60	1100.00	179.07	0.00	179.08	4.30	1.08	1557.54	530.33																																																		
577.900	38.00	0.00	0.00	173.20	300.00	178.29	0.00	178.29	1.52	0.40	1404.99	243.51																																																		
577.900	38.00	0.00	0.00	173.20	550.00	178.65	0.00	178.65	3.04	0.61	1678.86	315.70																																																		
577.900	38.00	0.00	0.00	173.20	690.00	178.79	0.00	178.79	3.98	0.71	1787.59	345.88																																																		
577.900	38.00	0.00	0.00	173.20	1100.00	179.10	0.00	179.10	6.87	0.98	2050.45	419.63																																																		

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
603.0000	2510.00	0.00	0.00	176.20	300.00	179.33	0.00	179.35	32.46	1.12	283.66	52.66
603.0000	2510.00	0.00	0.00	176.20	550.00	180.27	0.00	180.29	20.84	1.18	568.22	120.49
603.0000	2510.00	0.00	0.00	176.20	690.00	180.69	0.00	180.71	18.41	1.22	708.81	160.79
603.0000	2510.00	0.00	0.00	176.20	1100.00	181.63	0.00	181.65	15.32	1.33	1088.03	281.00
620.0000	1700.00	0.00	0.00	177.00	300.00	183.31	0.00	183.33	19.35	1.33	374.30	68.19
620.0000	1700.00	0.00	0.00	177.00	550.00	183.99	0.00	184.01	26.39	1.71	507.07	107.06
620.0000	1700.00	0.00	0.00	177.00	690.00	184.31	0.00	184.34	20.30	1.88	568.47	127.48
620.0000	1700.00	0.00	0.00	177.00	1100.00	185.11	0.00	185.16	35.31	2.25	722.99	185.13
620.780	78.00	0.00	0.00	178.40	300.00	183.51	0.00	183.77	134.78	4.09	73.31	25.84
620.780	78.00	0.00	0.00	178.40	550.00	184.15	0.00	184.81	284.00	6.52	84.34	32.64
620.780	78.00	0.00	0.00	178.40	690.00	184.41	0.00	185.36	379.63	7.79	88.57	35.41
620.780	78.00	0.00	0.00	178.40	1100.00	185.21	0.00	185.21	2.25	0.66	4778.11	732.73
620.8000	2.00	186.20	186.20	178.40	300.00	183.50	0.00	183.81	54.13	4.40	68.24	40.78
620.8000	2.00	186.20	186.20	178.40	550.00	184.14	0.00	184.91	127.14	7.03	78.20	48.78
620.8000	2.00	186.20	186.20	178.40	690.00	184.39	0.00	185.48	175.80	8.40	82.19	52.04
620.8000	2.00	186.20	186.20	178.40	1100.00	186.74	186.74	186.85	78.70	4.15	909.25	123.99
621.2000	40.00	186.20	186.20	178.40	300.00	183.75	0.00	184.02	47.08	4.17	71.94	43.72
621.2000	40.00	186.20	186.20	178.40	550.00	184.79	0.00	185.30	91.97	6.21	88.62	57.35
621.2000	40.00	186.20	186.20	178.40	690.00	185.46	0.00	186.30	197.52	7.37	93.60	49.10
621.2000	40.00	186.20	186.20	178.40	1100.00	187.00	0.00	187.02	20.05	2.15	1733.66	245.64
621.220	2.00	0.00	0.00	178.40	300.00	183.81	0.00	184.04	72.26	3.83	78.36	35.29
621.220	2.00	0.00	0.00	178.40	550.00	184.95	0.00	185.44	116.69	5.63	97.64	50.92
621.220	2.00	0.00	0.00	178.40	690.00	185.83	0.00	186.41	113.95	6.12	112.67	64.64
621.220	2.00	0.00	0.00	178.40	1100.00	187.03	0.00	187.03	0.12	0.22	15969.48	3139.77
621.5000	28.00	0.00	0.00	177.00	300.00	184.14	0.00	184.14	5.73	0.99	534.14	125.35
621.5000	28.00	0.00	0.00	177.00	550.00	185.61	0.00	185.62	5.23	1.11	820.51	240.58
621.5000	28.00	0.00	0.00	177.00	690.00	186.61	0.00	186.61	4.27	1.09	1012.93	333.79
621.5000	28.00	0.00	0.00	177.00	1100.00	187.02	0.00	187.04	8.55	1.59	1093.27	376.12



BEAR SWAMP JAN 86 RBT  
SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.0000	925.00	117.43	0.00	0.00	0.00	706.10	0.00
0.0000	1695.00	118.29	0.36	0.00	0.00	938.30	0.00
0.0000	2110.00	118.65	0.36	0.00	0.00	1035.50	0.00
0.0000	3345.00	119.49	0.84	0.00	0.00	1262.30	0.00
14.0000	925.00	121.97	0.00	4.54	0.00	433.42	1400.00
14.0000	1695.00	122.71	0.73	4.42	0.00	604.25	1400.00
14.0000	2110.00	123.01	0.30	4.36	0.00	660.40	1400.00
14.0000	3345.00	123.73	0.72	4.24	0.00	1230.44	1400.00
22.6000	925.00	124.70	0.00	2.02	0.00	400.00	860.00
22.6000	1695.00	125.88	1.00	3.17	0.00	400.00	860.00
22.6000	2110.00	126.34	0.46	3.33	1.54	400.00	860.00
22.6000	3345.00	127.44	1.10	3.71	2.64	400.00	860.00
23.6500	925.00	125.04	0.00	0.24	0.00	49.67	105.00
23.6500	1695.00	126.13	1.09	0.25	1.09	121.82	105.00
23.6500	2110.00	126.59	0.46	0.25	1.55	497.97	105.00
23.6500	3345.00	127.79	1.20	0.35	2.75	2051.34	105.00
23.9500	925.00	125.05	0.00	0.02	0.00	49.71	30.00
23.9500	1695.00	126.19	1.13	0.06	1.13	219.07	30.00
23.9500	2110.00	126.70	0.57	0.12	1.65	620.72	30.00
23.9500	3345.00	127.99	1.29	0.20	2.93	2358.67	30.00
24.3000	925.00	125.39	0.00	0.34	0.00	350.00	35.00
24.3000	1695.00	126.89	1.50	0.70	1.50	350.00	35.00
24.3000	2110.00	127.43	0.51	0.70	2.01	350.00	35.00
24.3000	3345.00	128.08	0.60	0.09	2.69	350.00	35.00
30.0000	925.00	125.93	0.00	0.54	0.00	1225.00	570.00
30.0000	1695.00	127.29	1.35	0.40	1.35	1225.00	570.00
30.0000	2110.00	127.83	0.51	0.40	1.87	1225.00	570.00
30.0000	3345.00	128.65	0.85	0.57	2.72	1225.00	570.00
85.0000	925.00	129.71	0.00	3.77	0.00	1597.19	5500.00
85.0000	1695.00	130.26	0.55	2.97	0.55	2303.93	5500.00
85.0000	2110.00	130.56	0.31	2.76	0.86	2605.73	5500.00
85.0000	3345.00	131.42	0.95	2.77	1.71	2814.61	5500.00
115.0000	925.00	131.77	0.00	2.07	0.00	1804.10	3000.00
115.0000	1695.00	132.45	0.68	2.19	0.68	1831.42	3000.00
115.0000	2110.00	132.72	0.27	2.15	0.95	1842.98	3000.00
115.0000	3345.00	133.38	0.66	1.96	1.61	1871.68	3000.00

U.S. GOVERNMENT PRINTING OFFICE: 1967-72-64 12-00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOF/JD	XLCH
142.0000	845.000	133.68	0.00	1.91	0.00	552.44	2700.00
142.0000	1550.000	134.53	0.86	2.09	0.86	800.00	2700.00
142.0000	1930.000	134.91	0.38	2.19	1.23	800.00	2700.00
142.0000	3065.000	135.82	0.91	2.45	2.14	800.00	2700.00
143.0550	845.000	133.90	0.00	0.22	0.00	500.88	105.00
143.0550	1550.000	134.79	0.39	0.25	0.89	633.00	105.00
143.0550	1930.000	135.17	0.38	0.26	1.27	633.00	105.00
143.0550	3065.000	136.08	0.92	0.26	2.19	633.00	105.00
143.0700	845.000	133.81	0.00	-1.09	0.00	58.98	2.00
143.0700	1550.000	134.56	0.75	-1.23	0.75	64.16	2.00
143.0700	1930.000	134.95	0.38	-1.31	1.04	66.23	2.00
143.0700	3065.000	135.47	0.61	-0.62	1.66	70.46	2.00
143.3330	845.000	134.26	0.00	0.45	0.00	62.11	26.00
143.3330	1550.000	135.28	1.25	1.00	1.25	70.80	26.00
143.3330	1930.000	136.10	0.60	1.25	1.84	74.88	26.00
143.3330	3065.000	138.35	2.24	2.88	4.09	585.71	26.00
143.3550	845.000	134.17	0.00	0.31	0.00	633.00	2.00
143.3550	1550.000	136.37	1.50	0.56	1.50	633.00	2.00
143.3550	1930.000	136.78	0.71	0.67	2.21	633.00	2.00
143.3550	3065.000	139.19	2.42	0.85	4.63	1818.57	2.00
143.7000	845.000	134.60	0.00	0.04	0.00	650.00	35.00
143.7000	1550.000	136.10	1.49	0.03	1.49	650.00	35.00
143.7000	1930.000	136.80	0.70	0.02	2.20	650.00	35.00
143.7000	3065.000	139.20	2.40	0.00	4.59	650.00	35.00
168.0000	845.000	136.17	0.00	1.56	0.00	1712.78	2430.00
168.0000	1550.000	137.19	1.03	1.10	1.03	1767.13	2430.00
168.0000	1930.000	137.74	0.55	0.04	1.57	1794.13	2430.00
168.0000	3065.000	139.71	1.97	0.51	3.54	1890.76	2430.00
180.0000	845.000	137.25	0.00	1.09	0.00	1095.50	1200.00
180.0000	1550.000	137.95	0.70	0.76	0.70	1221.72	1200.00
180.0000	1930.000	138.36	0.41	0.62	1.11	1295.62	1200.00
180.0000	3065.000	139.99	1.63	0.29	2.74	1589.45	1200.00
193.0000	845.000	138.63	0.00	1.37	0.00	1304.76	1300.00
193.0000	1550.000	139.34	0.71	1.38	0.71	1420.58	1300.00
193.0000	1930.000	139.66	0.32	1.30	1.03	1473.98	1300.00
193.0000	3065.000	140.75	1.09	0.76	2.13	1558.53	1300.00
201.0000	845.000	139.86	0.00	1.24	0.00	440.00	800.00
201.0000	1550.000	140.64	0.78	1.31	0.78	440.00	800.00
201.0000	1930.000	140.98	0.33	1.11	1.11	440.00	800.00
201.0000	3065.000	141.92	0.34	1.07	1.96	440.00	800.00

U.S. GOVERNMENT PRINTING OFFICE: 1967-77-744-870

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2022.8200	1845.00	141.07	0.00	1.20	0.00	74.00	182.00
2022.8200	1550.00	142.05	0.98	1.41	0.98	74.00	182.00
2022.8200	1930.00	142.46	0.41	1.49	1.39	74.00	182.00
2022.8200	3865.00	143.30	0.84	1.48	2.23	74.00	182.00
2022.8400	1845.00	141.05	0.00	-0.01	0.00	54.90	2.00
2022.8400	1550.00	142.01	0.95	-0.05	0.95	58.14	2.00
2022.8400	1930.00	142.40	0.39	-0.06	1.34	59.48	2.00
2022.8400	3865.00	143.16	0.76	-0.14	2.11	62.07	2.00
2033.1600	1845.00	141.33	0.00	0.25	0.00	55.75	32.00
2033.1600	1550.00	142.51	1.21	0.50	1.21	59.86	32.00
2033.1600	1930.00	143.06	0.54	0.66	1.75	61.71	32.00
2033.1600	3865.00	144.91	1.85	1.75	3.61	964.89	32.00
2033.1800	1845.00	141.41	0.00	0.11	0.00	74.00	2.00
2033.1800	1550.00	142.75	1.34	0.24	1.34	74.00	2.00
2033.1800	1930.00	143.37	0.61	0.31	1.95	74.00	2.00
2033.1800	3865.00	144.81	1.44	-0.10	3.39	74.00	2.00
2033.5000	1845.00	141.58	0.00	0.17	0.00	100.00	32.00
2033.5000	1550.00	143.03	1.47	0.30	1.47	100.00	32.00
2033.5000	1930.00	143.74	0.68	0.37	2.15	100.00	32.00
2033.5000	3865.00	145.39	1.65	0.58	3.80	100.00	32.00
225.0000	600.00	142.41	0.00	0.02	0.00	1140.33	2150.00
225.0000	1100.00	143.85	1.44	0.79	1.44	1186.08	2150.00
225.0000	1375.00	144.52	0.67	0.78	2.12	1198.52	2150.00
225.0000	2185.00	146.21	1.69	0.82	3.80	1229.67	2150.00
275.0000	600.00	143.80	0.00	1.40	0.00	366.53	5000.00
275.0000	1100.00	144.77	0.97	0.92	0.97	899.49	5000.00
275.0000	1375.00	145.31	0.54	0.79	1.51	918.07	5000.00
275.0000	2185.00	146.81	1.49	0.63	3.01	964.98	5000.00
317.5000	600.00	148.38	0.00	4.58	0.00	199.85	4250.00
317.5000	1100.00	148.76	0.38	3.99	0.38	224.36	4250.00
317.5000	1375.00	148.92	0.06	3.51	0.44	228.44	4250.00
317.5000	2185.00	149.23	0.41	2.42	0.85	256.31	4250.00
318.8300	600.00	148.85	0.00	0.47	0.00	50.00	133.00
318.8300	1100.00	149.71	0.86	0.95	0.86	50.00	133.00
318.8300	1375.00	150.11	0.40	1.29	1.26	50.00	133.00
318.8300	2185.00	151.00	0.89	1.77	2.15	50.00	133.00
319.1700	600.00	148.85	0.00	0.00	0.00	50.00	34.00
319.1700	1100.00	149.72	0.87	0.01	0.87	50.00	34.00
319.1700	1375.00	150.13	0.40	0.02	1.28	50.00	34.00
319.1700	2185.00	152.59	2.46	1.59	3.74	765.46	34.00



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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
319.5000	600.0000	149.03	0.00	0.18	0.00	242.78	33.00
319.5000	1100.0000	150.12	1.00	0.39	1.00	283.28	33.00
319.5000	1375.0000	150.65	0.53	0.52	1.62	294.59	33.00
319.5000	2185.0000	152.60	1.95	0.00	3.57	300.00	33.00
328.0000	600.0000	149.69	0.00	0.67	0.00	350.00	850.00
328.0000	1100.0000	150.91	1.22	0.79	1.22	350.00	850.00
328.0000	1375.0000	151.47	0.56	0.83	1.78	350.00	850.00
328.0000	2185.0000	153.23	1.81	0.68	3.59	350.00	850.00
329.4800	600.0000	149.81	0.00	0.12	0.00	75.00	148.00
329.4800	1100.0000	151.04	1.22	0.13	1.22	75.00	148.00
329.4800	1375.0000	151.60	0.56	0.12	1.78	75.00	148.00
329.4800	2185.0000	153.36	1.76	0.08	3.55	75.00	148.00
329.5000	600.0000	149.78	0.00	-0.03	0.00	54.11	2.00
329.5000	1100.0000	150.92	1.19	-0.06	1.19	58.35	2.00
329.5000	1375.0000	151.52	0.55	-0.08	1.74	60.29	2.00
329.5000	2185.0000	153.26	1.74	-0.10	3.48	66.49	2.00
329.7000	600.0000	150.07	0.00	0.28	0.00	55.12	20.00
329.7000	1100.0000	151.44	1.37	0.46	1.37	59.99	20.00
329.7000	1375.0000	152.06	0.63	0.54	1.99	62.22	20.00
329.7000	2185.0000	153.82	1.82	0.62	3.82	68.70	20.00
329.7200	600.0000	150.22	0.00	0.15	0.00	75.00	2.00
329.7200	1100.0000	151.69	1.47	0.25	1.47	75.00	2.00
329.7200	1375.0000	152.36	0.67	0.30	2.14	75.00	2.00
329.7200	2185.0000	154.25	1.89	0.36	4.03	75.00	2.00
330.1000	600.0000	150.32	0.00	0.11	0.00	470.00	38.00
330.1000	1100.0000	151.86	1.54	0.18	1.54	470.00	38.00
330.1000	1375.0000	152.57	0.71	0.21	2.25	470.00	38.00
330.1000	2185.0000	154.55	1.98	0.30	4.23	470.00	38.00
365.0000	600.0000	151.95	0.00	1.62	0.00	243.84	3490.00
365.0000	1100.0000	153.33	1.44	1.52	1.44	465.40	3490.00
365.0000	1375.0000	154.24	0.66	1.47	2.09	563.68	3490.00
365.0000	2185.0000	155.76	1.72	1.21	3.81	746.35	3490.00
407.0000	600.0000	156.65	0.00	4.71	0.00	285.83	4200.00
407.0000	1100.0000	157.98	1.33	4.60	1.33	462.74	4200.00
407.0000	1375.0000	159.49	0.51	4.45	1.34	530.22	4200.00
407.0000	2185.0000	159.55	1.06	3.79	2.90	670.38	4200.00
438.6000	465.0000	159.20	0.00	2.55	0.00	282.56	3160.00
438.6000	825.0000	160.57	1.36	2.50	1.36	502.47	3160.00
438.6000	1020.0000	161.03	0.52	2.59	1.88	623.39	3160.00
438.6000	1625.0000	162.25	1.10	2.69	3.04	894.95	3160.00



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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
506.700	445.00	167.81	0.00	1.08	0.00	265.57	120.00
506.700	820.00	163.34	0.53	0.95	0.53	410.94	120.00
506.700	1020.00	170.42	2.07	0.95	2.61	577.28	120.00
506.700	1625.00	171.13	0.71	0.06	3.31	627.51	120.00
507.090	445.00	170.13	0.00	2.32	0.00	421.81	39.00
507.090	820.00	170.43	0.29	2.08	0.29	578.41	39.00
507.090	1020.00	170.65	0.22	0.23	0.52	594.37	39.00
507.090	1625.00	171.24	0.59	0.12	1.11	636.45	39.00
507.500	445.00	170.14	0.00	0.01	0.00	557.51	41.00
507.500	820.00	170.44	0.30	0.01	0.30	578.79	41.00
507.500	1020.00	170.66	0.23	0.01	0.52	594.56	41.00
507.500	1625.00	171.26	0.60	0.02	1.12	636.97	41.00
523.000	445.00	170.75	0.00	0.61	0.00	573.53	1550.00
523.000	820.00	171.54	0.79	1.10	0.79	618.94	1550.00
523.000	1020.00	171.90	0.36	1.24	1.15	639.79	1550.00
523.000	1625.00	172.78	0.88	1.52	2.03	690.81	1550.00
537.000	445.00	172.65	0.00	1.90	0.00	669.44	1400.00
537.000	820.00	173.33	0.68	1.79	0.68	754.01	1400.00
537.000	1020.00	173.63	0.30	1.73	0.98	792.15	1400.00
537.000	1625.00	174.41	0.78	1.64	1.76	934.58	1400.00
550.000	300.00	173.69	0.00	1.23	0.00	793.61	1300.00
550.000	550.00	174.52	0.64	1.19	0.64	859.16	1300.00
550.000	690.00	174.81	0.28	1.17	0.92	888.99	1300.00
550.000	1100.00	175.37	0.71	1.10	1.63	1122.11	1300.00
576.000	300.00	176.07	0.00	3.08	0.00	605.66	2600.00
576.000	550.00	177.41	0.44	2.88	0.44	645.19	2600.00
576.000	690.00	177.62	0.22	2.82	0.66	667.07	2600.00
576.000	1100.00	178.15	0.52	2.63	1.18	721.89	2600.00
576.880	300.00	177.09	0.00	0.13	0.00	503.30	88.00
576.880	550.00	177.55	0.46	0.14	0.46	520.95	88.00
576.880	690.00	177.77	0.22	0.14	0.67	527.99	88.00
576.880	1100.00	178.29	0.55	0.15	1.20	547.41	88.00
577.520	300.00	178.28	0.00	1.19	0.00	547.10	64.00
577.520	550.00	178.64	0.36	1.09	0.36	560.40	64.00
577.520	690.00	178.77	0.14	1.01	0.49	565.50	64.00
577.520	1100.00	179.07	0.30	0.78	0.79	580.81	64.00
577.900	300.00	178.29	0.00	0.00	0.00	737.02	38.00
577.900	550.00	178.65	0.36	0.01	0.36	774.59	38.00
577.900	690.00	178.79	0.14	0.01	0.50	789.02	38.00
577.900	1100.00	179.13	0.31	0.02	0.81	917.28	38.00

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LINE NO	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1	003:0000	300:0000	179:33	0:00	1:04	0:00	230:41	2510:00
2	003:0000	550:0000	180:27	0:05	1:03	0:00	337:97	2510:00
3	003:0000	690:0000	180:69	0:41	1:00	0:36	338:62	2510:00
4	003:0000	1100:0000	181:63	0:94	2:53	2:30	429:05	2510:00
5	003:0000	300:0000	183:31	0:00	3:92	0:00	194:00	1700:00
6	003:0000	550:0000	183:09	0:08	3:72	0:68	194:00	1700:00
7	003:0000	690:0000	184:31	0:30	3:62	1:00	194:00	1700:00
8	003:0000	1100:0000	185:11	0:30	3:48	1:80	194:00	1700:00
9	020:780	300:0000	183:51	0:05	0:20	0:00	17:00	78:00
10	020:780	550:0000	184:15	0:05	0:17	0:65	17:00	78:00
11	020:780	690:0000	184:41	0:26	0:00	0:90	17:00	78:00
12	020:780	1100:0000	185:21	0:30	0:10	1:71	330:07	78:00
13	020:800	300:0000	183:50	0:00	0:02	0:00	13:12	2:00
14	020:800	550:0000	184:14	0:00	0:03	0:00	13:30	2:00
15	020:800	690:0000	184:39	0:00	0:03	0:88	18:30	2:00
16	020:800	1100:0000	186:74	0:36	1:53	3:24	189:47	2:00
17	021:200	300:0000	183:75	0:04	0:24	0:00	18:19	40:00
18	021:200	550:0000	184:79	0:07	0:57	1:04	18:53	40:00
19	021:200	690:0000	185:46	0:07	1:02	1:71	18:75	40:00
20	021:200	1100:0000	187:00	1:55	1:00	3:26	18:00	40:00
21	021:220	300:0000	183:81	0:00	0:07	0:00	17:00	2:00
22	021:220	550:0000	184:95	1:13	0:16	1:13	17:00	2:00
23	021:220	690:0000	185:03	0:88	0:37	2:01	17:00	2:00
24	021:220	1100:0000	187:03	1:20	0:00	3:22	7490:47	2:00
25	021:500	300:0000	184:14	0:00	0:37	0:00	194:00	28:00
26	021:500	550:0000	185:61	1:48	0:00	1:48	194:00	28:00
27	021:500	690:0000	189:02	0:41	0:00	2:47	194:00	28:00
28	021:500	1100:0000	187:02	0:41	0:00	2:88	194:00	28:00









7	ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1765.000	2384.000
8	X1	143.333	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000
9	X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
11	NH	5.000	0.000	1752.000	0.000	1842.000	6.150	2380.200	0.100	2385.100	0.150
12	NH	5.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1752.000	2385.000
14	X1	143.333	0.000	1752.000	2385.000	0.000	0.000	0.000	0.000	0.000	0.000
15	X2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	GR	143.333	0.000	143.333	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
17	GR	133.333	0.000	133.333	1410.000	131.700	1700.000	133.500	1752.000	130.200	1776.000
18	GR	134.000	0.000	134.000	1410.000	131.700	1842.000	133.500	1900.000	133.000	2000.000
19	GR	134.000	0.000	134.000	1410.000	133.700	2300.000	133.000	2380.200	130.600	2380.300
20	GR	135.500	0.000	135.500	2325.100	132.400	2400.000	134.500	2500.000	135.400	2600.000
21	GR	135.500	0.000	137.200	2600.000	138.100	2900.000	141.000	3000.000	0.000	0.000
23	NH	5.000	0.000	1725.000	0.000	1810.000	0.150	2300.000	0.100	2400.000	0.150
24	NH	5.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1640.000	2290.000
26	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1640.000	2290.000
27	X1	143.333	0.000	1725.000	1810.000	0.000	0.000	0.000	0.000	0.000	0.000
28	X2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	GR	143.333	0.000	143.333	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
30	GR	133.333	0.000	133.333	1600.000	131.400	1700.000	133.000	1775.000	126.900	1800.000
31	GR	133.333	0.000	133.333	1313.000	133.500	1900.000	133.000	2000.000	134.300	2100.000
32	GR	135.500	0.000	135.500	2300.000	137.200	2383.000	133.400	2400.000	134.500	2500.000
33	GR	135.500	0.000	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000
34	NC	0.150	0.150	0.100	0.200	0.400	0.000	0.000	0.000	0.000	0.000
35	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1655.000	2668.000
36	X1	160.000	0.000	160.000	160.000	0.000	2400.000	2430.000	0.000	0.000	0.000
37	X2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	GR	143.333	0.000	143.333	1100.000	139.500	1200.000	136.400	1300.000	134.300	1400.000
39	GR	134.000	0.000	134.000	1600.000	134.500	1700.000	135.000	1800.000	133.700	1805.000
40	GR	134.000	0.000	134.000	1325.000	134.500	1329.000	134.500	1900.000	134.600	2000.000
41	GR	134.000	0.000	134.000	1350.000	134.500	2070.000	134.500	2100.000	134.600	2200.000
42	GR	134.000	0.000	134.000	2400.000	134.200	2440.000	133.300	2449.000	134.100	2455.000
43	GR	134.000	0.000	134.000	2600.000	134.600	2700.000	134.500	2800.000	134.600	2900.000
44	GR	134.000	0.000	134.000	3100.000	145.000	3140.000	150.000	3190.000	0.000	0.000
46	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	980.000	1440.000
47	X1	160.000	0.000	160.000	160.000	0.000	1150.000	1200.000	0.000	0.000	0.000
48	GR	132.700	0.000	132.700	140.000	0.000	630.000	137.000	750.000	135.000	990.000
49	GR	130.000	0.000	130.000	137.000	0.000	1800.000	140.000	2220.000	145.000	2290.000
50	GR	130.000	0.000	130.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	725.000	1305.000
53	X1	193.000	0.000	193.000	193.000	1200.000	1250.000	1300.000	0.000	0.000	0.000
54	GR	150.000	0.000	150.000	140.000	0.000	290.000	150.000	400.000	136.000	980.000
55	GR	133.000	0.000	133.000	1320.000	138.000	1600.000	140.000	1820.000	145.000	1920.000
56	GR	150.000	0.000	150.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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7	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.300	0.000	0.000	0.000
8	QT	5.000	5.000	11.000	1375.000	2135.000	1375.000	0.000	0.000	0.000	0.000	0.000
9	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	590.000	1395.000	0.000
10	X1	225.000	22.000	250.000	1350.000	2500.000	1300.000	2150.000	0.000	0.000	0.000	0.000
11	X4	2.000	130.000	690.000	138.500	690.000	0.000	0.000	0.000	0.000	0.000	0.000
12	GR	155.100	0.000	154.800	10.000	154.500	200.000	150.500	300.000	143.400	400.000	0.000
13	GR	140.400	500.000	140.200	535.000	140.000	600.000	139.600	700.000	140.200	800.000	0.000
14	GR	140.000	900.000	130.000	950.000	130.500	1300.000	139.900	1050.000	139.900	1100.000	0.000
15	GR	140.000	1500.000	140.100	1300.000	140.500	1400.000	140.800	1500.000	141.600	1570.000	0.000
16	GR	148.500	1600.000	155.400	1700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17												
18	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	3430.000	4220.000	0.000
19	X1	275.000	250.000	3430.000	4210.000	4900.000	5100.000	5000.000	0.000	0.000	0.000	0.000
20	X4	2.000	141.000	3051.000	141.000	3062.000	0.000	0.000	0.000	0.000	0.000	0.000
21	GR	162.000	0.000	161.000	1050.000	161.000	2800.000	158.800	3000.000	154.000	3100.000	0.000
22	GR	153.800	3200.000	153.400	3300.000	142.600	3400.000	142.200	3430.000	142.200	3500.000	0.000
23	GR	141.900	3000.000	142.000	3700.000	142.200	3800.000	143.300	3900.000	141.800	3960.000	0.000
24	GR	142.000	4000.000	142.300	4100.000	142.200	4200.000	142.300	4219.000	146.100	4300.000	0.000
25	GR	152.700	4400.000	154.500	4500.000	155.800	4540.000	160.000	4720.000	162.000	5000.000	0.000
26												
27	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	2050.000	2175.000	0.000
28	X1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2000.000	2300.000	0.000
29	GR	317.500	12.000	2125.000	2175.000	4100.000	4300.000	4250.000	0.000	0.000	0.000	0.000
30	GR	160.500	1200.000	155.000	1700.000	153.000	1400.000	148.800	1500.000	149.100	1600.000	0.000
31	GR	147.700	1700.000	146.000	1800.000	146.700	1900.000	147.500	2000.000	147.300	2100.000	0.000
32	GR	145.500	2100.000	143.000	2150.000	145.200	2175.000	148.400	2200.000	149.400	2268.000	0.000
33	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	160.000	2700.000	0.000
34												
35	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000	0.000
36	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	2125.000	2175.000	0.000
37	X1	318.830	20.000	2125.000	2175.000	130.000	130.000	133.000	0.000	0.000	0.000	0.000
38	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	151.000	151.000	0.000	0.000
39	GR	160.500	1200.000	155.000	1300.000	153.000	1400.000	148.800	1500.000	142.100	1600.000	0.000
40	GR	147.700	1700.000	146.000	1800.000	146.700	1900.000	147.500	2000.000	147.300	2100.000	0.000
41	GR	145.500	2100.000	143.000	2150.000	145.200	2175.000	148.400	2200.000	149.400	2268.000	0.000
42	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	160.000	2700.000	0.000
43												
44	SB	1.050	1.000	0.000	0.000	0.000	1.000	266.000	1.900	143.200	143.200	0.000
45	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	2125.000	2175.000	0.000
46	X1	319.170	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000	0.000
47	X2	0.000	0.000	0.000	151.000	152.300	0.000	0.000	0.000	0.000	0.000	0.000
48	X3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	152.300	152.800	0.000	0.000
49	BT	-22.000	1000.000	156.100	0.000	1100.000	159.000	0.000	1200.000	157.900	0.000	0.000
50	BT	0.000	1300.000	156.400	0.000	1400.000	155.500	0.000	1500.000	154.200	0.000	0.000
51	BT	0.000	1600.000	155.200	0.000	1700.000	153.000	0.000	1800.000	152.800	0.000	0.000
52	BT	0.000	1900.000	152.000	0.000	2000.000	152.300	0.000	2125.000	152.800	0.000	0.000
53	BT	0.000	2175.000	152.000	0.000	2300.000	153.800	0.000	2400.000	158.000	0.000	0.000
54	BT	0.000	2500.000	156.300	0.000	2600.000	157.000	0.000	2700.000	158.100	0.000	0.000
55	BT	0.000	2800.000	159.000	0.000	2900.000	160.100	0.000	0.000	0.000	0.000	0.000
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7	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2050.0000	2175.0000
8	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2000.0000	2300.0000
9	X1	319.5000	21.0000	2125.0000	2175.0000	333.0000	33.0000	33.0000	33.0000	33.0000	33.0000	0.0000	0.0000
10	GR	150.5000	12.0000	1500.0000	1300.0000	153.0000	14.0000	14.0000	14.0000	14.0000	14.0000	1500.0000	148.1000
11	GR	147.5000	17.0000	1480.0000	1200.0000	145.7000	19.0000	147.5000	2000.0000	147.3000	2100.0000	147.3000	2100.0000
12	GR	145.5000	21.25.0000	143.0000	215.0000	145.2000	217.5.0000	145.4000	2200.0000	149.4000	2268.0000	149.4000	2268.0000
13	GR	155.0000	23.00.0000	152.0000	242.0000	154.0000	25.00.0000	154.1000	2600.0000	160.0000	2700.0000	160.0000	2700.0000
15	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2000.0000	2350.0000
16	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2000.0000	2350.0000
17	X1	328.0000	21.0000	2100.0000	2200.0000	400.0000	1100.0000	850.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	GR	171.0000	15.0000	150.0000	1100.0000	158.0000	1200.0000	157.1000	1400.0000	154.8000	1500.0000	154.8000	1500.0000
19	GR	152.3000	16.0000	1500.0000	11700.0000	149.5000	1800.0000	147.3000	1900.0000	147.8000	2000.0000	147.8000	2000.0000
20	GR	148.0000	21.0000	144.0000	215.0000	147.2000	2200.0000	146.3000	2300.0000	146.8000	2400.0000	146.8000	2400.0000
21	GR	159.5000	25.00.0000	151.0000	240.0000	148.0000	27.00.0000	151.2000	2800.0000	155.5000	2900.0000	155.5000	2900.0000
22	GR	159.5000	25.00.0000	151.0000	240.0000	148.0000	27.00.0000	151.2000	2800.0000	155.5000	2900.0000	155.5000	2900.0000
24	NC	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	X1	329.4800	21.0000	2131.0000	2206.0000	143.0000	148.0000	148.0000	0.0000	0.0000	0.0000	2131.0000	2206.0000
27	X3	171.0000	15.0000	150.0000	1100.0000	158.0000	1200.0000	157.1000	1400.0000	154.8000	1500.0000	154.8000	1500.0000
28	GR	152.3000	16.0000	1500.0000	11700.0000	149.5000	1800.0000	147.3000	1900.0000	147.8000	2000.0000	147.8000	2000.0000
29	GR	147.0000	21.0000	146.0000	2131.0000	146.0000	2145.0000	145.0000	2162.0000	146.7000	2188.0000	146.7000	2188.0000
31	GR	147.0000	22.0000	146.0000	2300.0000	146.0000	2400.0000	148.0000	2500.0000	148.5000	2600.0000	148.5000	2600.0000
32	GR	142.5000	27.00.0000	151.2000	2000.0000	155.5000	29.00.0000	159.5000	3000.0000	0.0000	0.0000	0.0000	0.0000
34	NC	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	X1	329.5000	21.0000	2131.0000	2206.0000	143.0000	148.0000	148.0000	0.0000	0.0000	0.0000	2131.0000	2206.0000
36	X1	326.0000	21.0000	2131.0000	2206.0000	143.0000	148.0000	148.0000	0.0000	0.0000	0.0000	2131.0000	2206.0000
37	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
40	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
42	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
43	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
44	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
45	BT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
46	GR	161.0000	15.0000	150.0000	1100.0000	158.0000	1200.0000	157.1000	1400.0000	154.8000	1500.0000	154.8000	1500.0000
47	GR	152.3000	16.0000	1500.0000	11700.0000	149.5000	1800.0000	147.3000	1900.0000	147.8000	2000.0000	147.8000	2000.0000
48	GR	145.5000	21.0000	144.0000	215.0000	147.2000	2200.0000	146.3000	2300.0000	146.8000	2400.0000	146.8000	2400.0000
49	GR	145.5000	21.0000	144.0000	215.0000	147.2000	2200.0000	146.3000	2300.0000	146.8000	2400.0000	146.8000	2400.0000
50	GR	145.5000	21.0000	144.0000	215.0000	147.2000	2200.0000	146.3000	2300.0000	146.8000	2400.0000	146.8000	2400.0000
51	GR	155.0000	23.00.0000	152.0000	242.0000	154.0000	25.00.0000	154.1000	2600.0000	160.0000	2700.0000	160.0000	2700.0000
52	GR	155.0000	23.00.0000	152.0000	242.0000	154.0000	25.00.0000	154.1000	2600.0000	160.0000	2700.0000	160.0000	2700.0000
53	ET	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
54	X1	329.7000	21.0000	2131.0000	2206.0000	143.0000	148.0000	148.0000	0.0000	0.0000	0.0000	2131.0000	2206.0000
55	X2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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6 AUG 27 1954

6	BT	0.000	1302.200	170.500	0.200	1022.000	170.500	0.000	2000.000	170.600	0.000
7	BT	0.000	2110.000	170.000	0.000	2200.000	170.900	0.000	2300.000	171.000	0.000
8	BT	0.000	2400.000	171.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	NC	2.150	0.150	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	ET	0.000	0.000	0.110	0.110	0.000	0.000	0.000	0.000	1570.000	1770.000
12	X1	451.000	22.000	1452.000	1483.000	33.000	33.000	33.000	0.000	1620.000	1720.000
13	X4	171.000	173.000	172.000	172.000	0.000	0.000	0.000	0.000	0.000	0.000
14	GR	171.000	173.000	172.000	172.000	0.000	0.000	0.000	0.000	0.000	0.000
15	GR	156.100	167.500	152.900	158.000	158.300	168.300	158.800	1722.000	158.000	1822.000
16	GR	168.000	2400.000	171.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
17	GR	156.100	167.500	152.900	158.000	158.300	168.300	158.800	1722.000	158.000	1822.000
18	GR	168.000	2400.000	171.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
21	NC	0.000	0.000	0.000	0.000	0.400	0.000	0.000	0.000	0.000	0.000
22	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1490.000	2170.000
23	X1	465.000	11.000	1375.000	2225.000	1200.000	1420.000	1400.000	0.000	0.000	0.000
24	GR	173.000	0.000	171.000	11.000	165.000	1460.000	160.000	1700.000	160.000	1975.000
25	GR	156.400	2000.000	150.000	2625.000	160.000	2100.000	165.000	2240.000	170.000	2450.000
26	GR	173.000	0.000	171.000	11.000	165.000	1460.000	160.000	1700.000	160.000	1975.000
28	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	X1	477.000	17.000	1490.000	1730.000	1220.000	1200.000	1200.000	0.000	1375.000	1965.000
30	GR	173.000	0.000	160.000	1320.000	160.000	1100.000	169.500	1200.000	0.000	0.000
31	GR	160.000	1300.000	160.000	1400.000	160.000	1500.000	160.100	1600.000	158.100	1671.000
32	GR	160.000	1300.000	160.000	1400.000	160.000	1500.000	160.100	1600.000	158.100	1671.000
33	GR	174.000	2200.000	174.000	3300.000	0.000	0.000	0.000	0.000	0.000	0.000
35	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	X1	525.500	17.000	1500.000	1510.000	2400.000	3000.000	2850.000	0.000	1382.000	1610.000
37	GR	174.000	0.000	173.000	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000
38	GR	167.000	1400.000	160.000	1500.000	166.500	1585.000	165.200	1580.000	163.900	1597.000
39	GR	167.000	1400.000	160.000	1500.000	166.500	1585.000	165.200	1580.000	163.900	1597.000
40	GR	175.000	2400.000	174.000	2550.000	0.000	0.000	0.000	0.000	0.000	0.000
42	NC	0.000	0.000	0.000	0.000	0.400	0.000	0.000	0.000	0.000	0.000
43	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1380.000	1610.000
44	X1	506.700	17.000	1585.000	1610.000	120.000	120.000	120.000	0.000	0.000	0.000
45	X3	174.000	0.000	173.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	GR	170.000	0.000	172.000	110.000	171.000	1100.000	169.000	1200.000	163.000	1300.000
47	GR	167.000	1400.000	160.000	1500.000	166.500	1585.000	165.200	1580.000	162.600	1597.000
48	GR	166.100	1300.000	160.000	1610.000	161.000	1700.000	172.700	1800.000	173.600	1900.000
49	GR	175.000	2400.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
51	BT	1.000	2.000	0.000	0.000	15.000	9.500	19.200	0.000	162.700	162.600
52	X1	507.000	17.000	1585.000	1610.000	39.000	39.000	39.000	0.000	1380.000	1610.000
53	X2	0.000	0.000	0.000	0.000	160.000	0.000	0.000	0.000	0.000	0.000
54	X3	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	169.400	170.200	0.000
56	BT	0.000	1200.000	170.000	0.000	1000.000	172.000	0.000	1100.000	170.500	0.000
57	BT	0.000	1500.000	150.000	0.000	1500.000	169.800	0.000	1400.000	169.400	0.000
58	BT	0.000	1500.000	150.000	0.000	1500.000	170.200	0.000	1510.000	170.200	0.000
59	BT	0.000	1700.000	170.000	0.000	1800.000	171.300	0.000	1900.000	172.500	0.000

U.S. GOVERNMENT PRINTING OFFICE: 1953 O-271-512





7	SE	1.250	2.400	2.800	3.000	12.000	4.200	39.270	172.600	172.400
8	ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	3530.000	3886.000
9	X1	577.520	21.000	3630.000	3657.000	64.000	64.000	64.000	0.000	0.000
10	X2	0.000	0.000	0.000	177.600	0.000	0.000	0.000	0.000	0.000
11	X3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	BT	17.000	0.000	121.000	170.000	3185.000	181.400	0.000	3285.000	178.000
13	BT	0.000	0.000	183.000	0.000	3435.000	180.000	0.000	3585.000	130.200
14	BT	0.000	0.000	179.000	0.000	3430.000	179.000	0.000	3655.000	179.000
15	BT	0.000	0.000	179.000	0.000	3685.000	179.500	0.000	3785.000	178.600
16	BT	0.000	0.000	179.000	0.000	3985.000	178.000	0.000	4885.000	178.000
17	BT	0.000	0.000	4185.000	179.000	4215.000	179.900	0.000	4885.000	179.000
18	GR	183.000	0.000	179.000	550.000	181.000	3000.000	181.500	3180.000	180.700
19	GR	179.000	0.000	179.000	3400.000	179.400	3500.000	175.500	3600.000	175.400
20	GR	174.500	0.000	179.000	3442.000	175.000	3652.000	176.800	3657.000	176.500
21	GR	176.800	0.000	175.000	3900.000	175.700	4000.000	176.200	4180.000	178.900
22	GR	179.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23										
24	NC	0.140	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	3617.000	4000.000
26	X1	177.000	0.000	3630.000	3657.000	181.000	38.000	36.000	0.000	0.000
27	GR	183.000	0.000	182.000	3400.000	177.400	3800.000	181.500	3180.000	180.700
28	GR	174.500	0.000	179.000	3442.000	175.000	3652.000	176.800	3657.000	176.500
29	GR	176.800	0.000	175.000	3900.000	175.700	4000.000	176.200	4180.000	178.900
30	GR	179.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	GR	179.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32										
33	NC	0.000	0.000	0.000	0.000	0.400	0.000	0.700	0.000	0.000
34	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	2634.000	2780.000
35	X1	183.000	0.000	2634.000	2780.000	2400.000	2700.000	2510.000	2300.000	152.800
36	GR	183.000	0.000	182.000	3400.000	182.700	2300.000	182.500	2300.000	152.800
37	GR	183.000	0.000	182.000	3400.000	179.000	2634.000	177.300	2700.000	176.200
38	GR	179.000	0.000	179.000	3400.000	179.000	2900.000	181.500	3000.000	182.700
39	GR	182.000	0.000	183.200	3300.000	183.000	3400.000	185.000	4150.000	0.000
40										
41	ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	6682.000	6876.000
42	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6602.000	6876.000
43	X1	620.000	0.000	650.000	6710.000	2800.000	1400.000	1700.000	6100.000	185.500
44	GR	193.000	0.000	185.000	6400.000	185.200	6000.000	135.600	6452.000	186.600
45	GR	185.000	0.000	184.000	6400.000	184.000	6433.000	186.300	6452.000	186.600
46	GR	186.000	0.000	182.000	6400.000	183.000	6682.000	180.900	6685.000	177.000
47	GR	181.000	0.000	182.400	6710.000	181.000	6800.000	162.700	6900.000	182.200
48	GR	182.000	0.000	183.000	7100.000	184.500	7200.000	184.400	7300.000	184.000
49	GR	183.000	0.000	184.000	9100.000	185.000	9600.000	0.000	0.000	0.000
50										
51	NC	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000
52	ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	6690.000	6707.000
53	X1	620.000	0.000	650.000	6707.000	78.000	78.000	78.000	6100.000	185.500
54	X3	179.000	0.000	180.000	6400.000	185.000	6000.000	185.600	6100.000	185.500
55	GR	183.000	0.000	184.000	6400.000	184.000	6433.000	186.300	6452.000	186.600
56	GR	185.000	0.000	184.000	6400.000	183.000	6682.000	180.900	6685.000	177.000
57	GR	186.000	0.000	182.000	6710.000	181.000	6800.000	162.700	6900.000	182.200
58	GR	182.000	0.000	183.000	7100.000	184.500	7200.000	184.400	7300.000	184.000
59	GR	183.000	0.000	184.000	9100.000	185.000	9600.000	0.000	0.000	0.000
60										
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U.S. GOVERNMENT PRINTING OFFICE: 1967 O-304-800

6	GR	183.200	7183.000	184.000	7220.000	184.400	7300.000	184.000	7400.000	183.000	7500.000
7	GR	184.000	7183.000	184.000	7220.000	187.000	7300.000	184.000	7400.000	183.000	7500.000
9	NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	BT	620.000	6699.000	620.000	6699.000	620.000	6699.000	620.000	6699.000	620.000	6699.000
12	BT	10.000	6699.000	10.000	6699.000	10.000	6699.000	10.000	6699.000	10.000	6699.000
13	BT	0.000	6699.000	0.000	6699.000	0.000	6699.000	0.000	6699.000	0.000	6699.000
14	BT	0.000	6699.000	0.000	6699.000	0.000	6699.000	0.000	6699.000	0.000	6699.000
16	GR	184.000	7183.000	184.000	7220.000	185.500	7300.000	186.300	7400.000	186.200	7500.000
17	GR	184.000	7183.000	184.000	7220.000	179.300	7300.000	178.500	7400.000	178.400	7500.000
18	GR	184.000	7183.000	184.000	7220.000	186.300	7300.000	186.400	7400.000	185.500	7500.000
19	GR	184.000	7183.000	184.000	7220.000	186.300	7300.000	186.400	7400.000	187.000	7500.000
20	GR	180.500	7183.000	180.500	7220.000	180.500	7300.000	180.500	7400.000	180.500	7500.000
22	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	X1	621.200	6699.000	621.200	6699.000	621.200	6699.000	621.200	6699.000	621.200	6699.000
24	X2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	NC	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
27	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	X1	621.200	6699.000	621.200	6699.000	621.200	6699.000	621.200	6699.000	621.200	6699.000
29	X3	10.000	6699.000	10.000	6699.000	10.000	6699.000	10.000	6699.000	10.000	6699.000
30	GR	184.000	7183.000	184.000	7220.000	185.200	7300.000	186.600	7400.000	185.500	7500.000
31	GR	184.000	7183.000	184.000	7220.000	184.000	7300.000	186.300	7400.000	186.600	7500.000
32	GR	184.000	7183.000	184.000	7220.000	183.000	7300.000	186.850	7400.000	179.500	7500.000
33	GR	184.000	7183.000	184.000	7220.000	184.000	7300.000	186.850	7400.000	181.600	7500.000
34	GR	184.000	7183.000	184.000	7220.000	184.000	7300.000	186.850	7400.000	182.000	7500.000
36	GR	184.000	7183.000	184.000	7220.000	184.000	7300.000	184.000	7400.000	183.800	7500.000
36	GR	184.000	7183.000	184.000	7220.000	183.200	7300.000	184.000	7400.000	183.800	7500.000
37	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	X1	621.500	6699.000	621.500	6699.000	621.500	6699.000	621.500	6699.000	621.500	6699.000
41	GR	184.000	7183.000	184.000	7220.000	185.200	7300.000	186.600	7400.000	185.500	7500.000
42	GR	184.000	7183.000	184.000	7220.000	184.000	7300.000	186.300	7400.000	186.600	7500.000
43	GR	184.000	7183.000	184.000	7220.000	183.000	7300.000	186.850	7400.000	177.000	7500.000
44	GR	184.000	7183.000	184.000	7220.000	181.000	7300.000	186.850	7400.000	182.200	7500.000
45	GR	184.000	7183.000	184.000	7220.000	184.500	7300.000	184.400	7400.000	184.000	7500.000
46	GR	183.300	7183.000	183.300	7220.000	185.000	7300.000	184.200	7400.000	184.000	7500.000
47	EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

U.S. GOVERNMENT PRINTING OFFICE: 1967 O 271-600-002  
U.S. GOVERNMENT PRINTING OFFICE: 1967 O 271-600-002



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THIS RUN EXECUTED 6 AUG 87 9:19:08

HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984

MODIFICATION - 50751,52,53,54,55,56

ROBESON COUNTY N.C. FIS REVISED 8/87 WRB  
100 YR ENCHROACHED  
BEAR SWAMP JAN 86 PRT-REVISED JULY 87 WTH

J1	ICHECK	INC	MINV	ISER	STRT	METRIC	HVINS	WSEL	FQ	
	0.	0.	1.	0.	0.000000	0.00	0.0	0.	119.550	
J2	KPROB	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	2.000	-1.200	0.000	1.0.000	0.000	0.000	0.000	0.000	0.000



THIS RUN EXECUTED 6 AUG 87 9:19:17

HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984

ERROR CORRECTION - 50, 51, 52, 53, 54, 55, 56  
MODIFICATION - 50, 51, 52, 53, 54, 55, 56

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

BLAR SWAMP JANUARY 1987  
SUMMARY PRINTOUT

SECTNO	CWSEL	DIFWS	DIFWSX	ELMIN	XLCH
0.000	113.65	0.00	0.00	112.10	0.00
0.000	112.60	0.00	0.00	112.10	0.00
14.000	123.01	0.00	0.00	117.00	1400.00
14.000	123.45	0.00	0.00	117.00	1400.00
22.000	126.15	0.00	0.00	118.30	060.00
22.000	127.12	0.00	0.00	118.30	060.00
20.000	126.59	0.00	0.00	118.70	105.00
23.650	127.41	0.00	0.00	118.70	105.00
23.850	126.77	0.00	0.00	118.70	30.00
23.850	127.61	0.00	0.00	118.70	30.00
24.300	127.40	0.00	0.00	118.30	35.00
24.300	128.37	0.00	0.00	118.30	35.00
30.000	127.34	0.00	0.00	118.80	570.00
30.000	128.34	0.00	0.00	118.80	570.00
33.000	130.82	0.00	0.00	124.00	5500.00
33.000	131.82	0.00	0.00	124.00	5500.00
115.000	137.72	0.00	0.00	126.50	3000.00
115.000	138.64	0.00	0.00	126.50	3000.00
122.000	135.91	0.00	0.00	128.90	2700.00
123.000	135.64	0.00	0.00	127.00	105.00







SECNO CWSEL DIFWSP DZFM5X ELMIN XLCH

319.170	150.13	0.00	0.00	143.00	34.00
319.170	150.39	0.27	0.02	143.00	34.00
319.500	150.65	0.24	0.02	143.00	33.00
319.500	150.80	0.21	0.46	143.00	33.00
328.000	151.27	0.00	0.03	144.20	850.00
328.000	151.73	0.40	0.01	144.20	850.00
329.480	151.60	0.00	0.12	145.00	148.00
329.480	151.67	0.27	0.10	145.00	148.00
329.500	151.52	0.00	0.08	145.00	2.00
329.500	151.51	0.28	0.02	145.00	2.00
329.700	152.06	0.01	0.54	145.00	20.00
329.700	152.27	0.01	0.46	145.00	20.00
329.720	152.36	0.00	0.30	145.00	2.00
329.720	152.35	0.18	0.02	145.00	2.00
330.100	152.93	0.00	0.01	145.10	38.00
330.100	152.93	0.17	0.00	145.10	38.00
332.000	154.04	0.00	1.47	146.00	3490.00
335.000	154.16	0.12	1.42	146.00	3490.00
407.000	150.42	0.00	0.65	149.00	4200.00
407.000	150.14	0.85	0.00	149.00	4200.00
433.000	181.01	0.00	0.50	152.00	3160.00
433.000	181.01	0.00	0.74	152.00	3160.00
439.730	182.07	0.00	0.10	152.00	113.00
439.730	182.07	0.00	0.10	152.00	113.00
440.270	182.08	0.00	0.06	152.50	54.00
440.270	182.08	0.06	0.06	152.50	54.00
440.800	182.04	0.00	0.01	152.50	33.00
440.800	182.10	0.00	0.01	152.50	33.00
442.500	182.31	0.00	1.07	154.60	890.00
442.500	182.31	0.00	1.00	154.60	890.00
450.330	183.04	0.00	0.17	154.30	83.00
450.330	183.04	0.00	0.17	154.30	83.00
450.870	170.01	0.00	0.03	154.30	34.00
450.870	170.56	0.00	0.33	154.30	34.00



SECHO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH
431.800	170.75	0.19	0.19	154.30	33.00
451.800	170.75	0.17	0.17	154.30	33.00
465.800	170.78	0.05	0.05	156.70	1400.00
477.800	170.23	0.31	0.31	158.10	1200.00
505.300	170.17	0.03	0.03	163.90	2850.00
505.500	170.82	0.00	0.00	163.90	2850.00
508.700	171.05	0.07	0.07	162.80	120.00
507.800	171.65	0.33	0.33	162.70	39.00
507.500	171.88	0.01	0.01	163.90	41.00
523.800	171.90	1.24	1.24	164.50	1550.00
523.800	171.74	1.52	1.52	166.50	1550.00
537.800	172.80	1.73	1.73	169.00	1400.00
537.800	174.84	1.86	1.86	169.00	1400.00
550.800	174.81	1.27	1.27	170.40	1300.00
550.800	175.81	1.27	1.27	170.40	1300.00
576.800	177.62	2.82	2.82	173.20	2600.00
576.800	177.62	2.82	2.82	173.20	2600.00
576.880	177.77	0.14	0.14	172.40	88.00
576.880	177.77	0.14	0.14	172.40	88.00
577.320	178.57	0.78	0.78	172.60	64.00
577.320	178.57	0.78	0.78	172.60	64.00
577.800	179.72	0.01	0.01	173.20	38.00
577.900	179.60	0.01	0.01	173.20	38.00
603.000	180.69	1.90	1.90	176.20	2510.00
603.000	181.47	1.82	1.82	176.20	2510.00
620.000	184.31	2.62	2.62	177.00	1700.00
620.000	184.38	2.91	2.91	177.00	1700.00
620.780	184.91	0.10	0.10	179.40	78.00
620.780	184.40	0.11	0.11	179.40	78.00



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STANDARD... PASSENGER 53

SECNO CUSSEL DTMSR DTPHX ELMIN VLCH

620.800 137.39 0.00 0.03 178.45 2.00

620.800 137.47 0.00 0.02 178.40 2.00

621.200 135.48 0.00 0.01 178.40 40.00

621.200 135.53 0.00 0.07 178.40 2.00

621.500 136.57 0.00 0.03 177.00 28.00

621.500 136.67 0.00 0.07 177.00 28.00

621.500 136.67 0.00 0.07 177.00 28.00

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BEAR SWAMP JAN 85 89T

SUMMARY PRINTOUT

LINE NO	SEINO	WTL	STOUR	STAIR	ENDST	TOPWID	CWSEL
13	0:000	1875:00	3025:00	1236:75	2242:35	1035:50	118:65
16	14:000	4622:00	4639:00	4569:00	4937:00	660:40	123:25
19	22:000	3252:00	3300:00	3130:00	3400:00	420:00	129:72
22	23:050	3252:00	3310:00	3141:26	3059:01	497:97	126:59
23	23:050	3252:00	3310:00	3139:00	3317:39	136:65	127:41
25	23:050	3252:00	3310:00	3125:00	3971:41	620:72	126:70
26	23:950	3252:00	3310:00	3139:00	3315:00	168:00	127:31
28	24:300	3252:00	3300:00	3139:00	3500:00	350:00	128:37
31	28:000	3252:00	3300:00	3139:00	3615:00	1225:00	127:80
32	30:000	3252:00	3300:00	3139:00	3615:00	1225:00	128:58
34	35:000	2763:00	2840:00	2792:16	5177:39	2655:73	130:56
35	42:000	3400:00	3400:00	2760:00	3650:00	870:00	130:82
37	115:000	3250:00	3300:00	2073:60	3916:66	1042:98	132:72
38	115:000	3250:00	3320:00	2037:00	3545:00	1065:00	133:64
40	142:000	1755:00	1810:00	1581:00	2360:00	800:00	134:91
41	142:000	1755:00	1810:00	1510:00	2315:00	705:00	135:51
43	143:050	1765:00	2386:00	1752:00	2385:00	633:00	135:17
44	143:050	1765:00	2386:00	1752:00	2385:00	633:00	135:69
46	143:070	1765:00	2386:00	1775:60	2386:05	65:23	134:85
47	143:070	1765:00	2386:00	1774:05	2386:00	70:30	135:45
48	143:330	1765:00	2386:00	1777:36	2386:07	74:98	136:10
50	143:330	1765:00	2386:00	1771:79	2386:00	76:33	136:32
51	143:350	1752:00	2385:00	1752:00	2385:00	633:00	136:78
53	143:350	1752:00	2385:00	1752:00	2385:00	633:00	136:93
54	143:700	1775:00	1815:00	1640:00	2200:00	650:00	136:80
55	143:700	1775:00	1815:00	1640:00	2200:00	650:00	136:95
58	168:000	1520:00	1629:00	1636:76	3050:39	1794:13	137:74
59	168:000	1520:00	1629:00	1655:00	2668:00	1313:00	138:19

U.S. GOVERNMENT PRINTING OFFICE: 1981-271-600-100



SECTO	STCHL	STCHR	SSTA	ENDST	TOPWID	CWSEL
180.000	980.00	1020.00	695.42	1091.04	1295.62	138.36
180.000	980.00	1020.00	980.00	1440.00	460.00	139.20
181.000	980.00	1020.00	708.97	1232.66	1473.98	139.66
193.000	980.00	1020.00	725.00	1305.00	580.00	140.84
201.000	950.00	1050.00	780.00	1220.00	440.00	140.98
201.000	950.00	1050.00	010.40	1095.00	285.00	141.81
202.820	963.00	1037.00	963.00	1037.00	74.00	142.46
202.820	963.00	1037.00	963.00	1037.00	74.00	142.88
202.840	1000.00	1050.00	1050.00	1050.00	59.46	142.40
202.840	1000.00	1050.00	1090.46	1951.40	60.94	142.83
203.160	963.00	1037.00	963.00	1037.00	74.00	143.37
203.160	963.00	1037.00	963.00	1037.00	74.00	143.62
203.500	1000.00	2000.00	1000.00	2000.00	100.00	143.76
225.000	950.00	1050.00	584.19	1582.71	1198.52	144.52
225.000	950.00	1050.00	590.00	1395.00	825.00	144.87
275.000	3430.00	4210.00	3365.19	4265.26	918.07	145.31
275.000	3430.00	4210.00	3427.00	4227.00	790.00	145.79
312.500	2125.00	2175.00	2064.07	2233.44	220.44	148.82
312.500	2125.00	2175.00	2050.00	2175.00	125.00	148.69
318.830	2125.00	2175.00	2125.00	2175.00	50.00	150.11
318.830	2125.00	2175.00	2125.00	2175.00	50.00	150.38
319.170	2125.00	2175.00	2125.00	2175.00	50.00	150.13
319.170	2125.00	2175.00	2125.00	2175.00	50.00	150.39
319.500	2125.00	2175.00	2000.00	2294.59	294.59	150.65
319.500	2125.00	2175.00	2050.00	2175.00	125.00	150.86
320.000	2100.00	2200.00	2000.00	2350.00	350.00	151.47
320.000	2100.00	2200.00	2000.00	2350.00	350.00	151.77
329.480	2131.00	2206.00	2131.00	2206.00	75.00	151.60
329.480	2131.00	2206.00	2131.00	2206.00	75.00	151.87
329.500	2131.00	2208.00	2137.00	2197.55	60.39	151.52
329.500	2131.00	2208.00	2136.00	2108.12	61.30	151.81

SECNO	STCHL	STCH4	SSTA	ENDST	TOPWID	CWSEL
329.700	2131.00	2206.00	2136.40	2198.67	62.22	152.06
329.700	2131.00	2206.00	2136.00	2199.03	62.95	152.27
329.720	2131.00	2206.00	2131.00	2206.00	75.00	152.30
329.720	2131.00	2206.00	2131.00	2206.00	75.00	152.34
330.100	2131.00	2210.00	2080.00	2554.00	470.00	152.57
330.100	2131.00	2210.00	2080.00	2550.00	470.00	152.74
365.000	2350.00	2950.00	2375.70	3075.60	500.00	154.00
407.000	1850.00	2050.00	1920.00	2075.00	127.00	158.42
438.600	4900.00	5020.00	4901.90	5055.00	623.30	161.00
438.600	4900.00	5020.00	4900.00	5055.00	620.00	161.01
439.750	4900.00	5015.00	4600.50	5055.00	644.84	161.17
439.750	4900.00	5015.00	4672.00	5050.00	147.00	162.00
440.270	3330.00	3565.00	2900.20	3540.36	951.14	161.23
440.270	3330.00	3565.00	3320.00	3650.00	332.00	162.08
440.600	3330.00	3565.00	2900.16	3740.40	951.35	161.24
440.600	3330.00	3565.00	3324.00	3645.00	321.00	162.10
449.500	2650.00	2650.00	2540.00	2740.00	200.00	162.31
449.500	2650.00	2650.00	2570.00	2720.00	150.00	163.10
450.370	1650.00	1683.00	1650.00	1683.00	25.00	162.43
450.370	1650.00	1683.00	1650.00	1683.00	25.00	163.24
450.670	1650.00	1683.00	1650.00	1683.00	25.00	170.07
450.670	1650.00	1683.00	1650.00	1683.00	25.00	170.56
451.000	1650.00	1683.00	1650.00	1770.00	200.00	170.25
451.000	1650.00	1683.00	1650.00	1720.00	100.00	170.73
460.000	1875.00	2025.00	1840.70	2501.61	1457.91	170.28
460.000	1875.00	2025.00	1870.00	2170.00	680.00	170.78
477.000	1620.00	1700.00	1640.63	2230.37	1395.74	170.29
477.000	1620.00	1700.00	1370.00	1965.00	590.00	170.79
505.500	1585.00	1610.00	1170.39	1750.47	574.08	170.37
505.500	1585.00	1610.00	1380.00	1610.00	220.00	170.88
506.700	1585.00	1610.00	1170.15	1751.45	577.28	170.42
506.700	1585.00	1610.00	1380.00	1610.00	230.00	170.95



SECNO	STCHL	STCHR	SSA	ENDST	TOPWID	CWSEL
507.300	1585.00	1610.00	1335.00	1756.53	594.37	170.65
507.300	1585.00	1610.00	1335.00	1610.00	230.00	171.24
507.500	1585.00	1610.00	1335.00	1615.00	250.00	171.25
523.000	830.00	1220.00	647.00	1285.79	639.79	171.90
537.000	2650.00	2737.00	2097.52	2889.67	792.15	173.63
537.000	2650.00	2737.00	2085.00	2737.00	352.00	174.64
550.000	1900.00	2020.00	1811.00	2159.00	348.00	175.83
570.000	3630.00	3657.00	3030.00	3086.00	283.00	178.64
576.880	3630.00	3657.00	3020.00	3086.00	286.00	178.79
577.520	3630.00	3657.00	3030.00	3086.00	286.00	178.57
577.900	3630.00	3657.00	3017.00	3086.00	383.00	179.60
620.000	6690.00	6707.00	6690.00	6707.00	17.00	184.41
620.700	6690.00	6707.00	6690.00	6707.00	17.00	184.49
620.800	6690.00	6707.00	6690.00	6707.00	17.00	184.47
621.200	6690.00	6707.00	6690.00	6707.00	17.00	185.48
621.220	6690.00	6707.00	6690.00	6707.00	17.00	185.53
621.500	8687.00	8710.00	8082.00	8078.00	194.00	186.61



GEAR SWAMP JAN 86 RPT  
SUMMARY PRINTOUT TABLE 110

SECNO	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG	CHG
1	0.000	118.65	0.00	118.70	1035.50	1050.46	726.49	333.05	0.00	0.00	1975.00	2025.00	0.00	
2	0.000	118.65	1.00	119.71	742.00	1205.16	835.86	68.98	342.00	1698.00	1975.00	2025.00	2040.00	
3	14.000	133.45	0.00	133.45	660.00	381.77	1150.17	841.43	238.00	4569.00	4602.00	4659.00	4807.00	
4	22.000	135.78	0.00	135.78	500.00	830.00	1295.89	280.11	470.00	3000.00	3252.00	3300.00	3400.00	
5	22.000	135.78	0.00	135.78	220.00	818.76	1295.89	240.00	220.00	3150.00	3252.00	3300.00	3350.00	
6	23.650	125.50	0.00	127.16	497.97	47.14	2745.13	21.33	0.00	0.00	3262.00	3318.00	0.00	
7	49.000	127.61	0.00	127.61	176.65	21.00	2089.00	0.00	169.00	3150.00	3262.00	3318.00	3318.00	
8	23.650	127.61	1.00	127.16	628.72	123.95	1921.38	64.72	0.00	0.00	3262.00	3318.00	0.00	
9	23.650	127.61	1.00	127.16	168.00	93.79	2016.20	0.00	168.00	3150.00	3262.00	3318.00	3318.00	
10	24.300	125.50	0.00	127.45	352.00	479.91	803.08	737.01	350.00	3150.00	3252.00	3300.00	3500.00	
11	24.300	125.50	0.00	127.45	378.00	563.87	764.57	782.36	370.00	3150.00	3252.00	3300.00	3500.00	
12	30.000	135.78	0.00	135.78	1025.00	1348.31	377.78	383.91	1225.00	2390.00	3252.00	3300.00	3615.00	
13	30.000	135.78	0.00	135.78	1725.00	1366.43	326.87	416.71	1225.00	2390.00	3252.00	3300.00	3615.00	
14	35.000	137.56	1.00	137.57	2625.73	509.75	142.85	1457.40	0.00	0.00	2760.00	2800.00	0.00	
15	35.000	137.56	1.00	137.57	870.00	0.00	233.80	1876.20	870.00	2760.00	2760.00	2800.00	3630.00	
16	115.000	132.72	0.00	132.72	1842.98	1217.95	132.88	759.17	0.00	0.00	3250.00	3300.00	0.00	
17	115.000	132.72	0.00	132.72	1065.00	1332.03	185.46	592.51	1065.00	2480.00	3250.00	3300.00	3545.00	
18	142.000	135.51	0.00	135.51	705.00	751.64	552.47	507.94	800.00	1560.00	1775.00	1818.00	2360.00	
19	142.000	135.51	0.00	135.51	705.00	751.64	576.70	599.66	705.00	1610.00	1775.00	1818.00	2315.00	
20	143.050	135.69	0.00	135.69	633.00	0.00	1930.00	0.00	633.00	1752.00	1752.00	2385.00	2385.00	
21	143.050	135.69	0.00	135.69	633.00	0.00	1930.00	0.00	633.00	1752.00	1752.00	2385.00	2385.00	
22	143.070	136.10	0.00	136.10	65.23	0.00	1930.00	0.00	0.00	0.00	1765.00	2386.00	0.00	
23	143.070	136.10	0.00	136.10	70.30	0.00	1930.00	0.00	621.00	1765.00	1765.00	2386.00	2386.00	
24	143.330	136.32	0.00	136.32	74.88	0.00	1930.00	0.00	0.00	0.00	1765.00	2386.00	0.00	
25	143.330	136.32	0.00	136.32	75.33	0.00	1930.00	0.00	621.00	1765.00	1765.00	2386.00	2386.00	
26	143.350	136.94	0.00	136.94	633.00	0.00	1930.00	0.00	0.00	0.00	1752.00	2385.00	0.00	
27	143.350	136.94	0.00	136.94	633.00	0.00	1930.00	0.00	633.00	1752.00	1752.00	2385.00	2385.00	
28	144.700	136.81	0.00	136.81	650.00	597.33	304.24	828.43	650.00	1640.00	1775.00	1818.00	2290.00	
29	144.700	136.81	0.00	136.81	850.00	590.89	493.12	845.99	850.00	1640.00	1775.00	1818.00	2290.00	
30	160.000	137.74	0.00	137.74	1794.13	542.52	74.78	1312.71	0.00	0.00	1800.00	1820.00	0.00	
31	160.000	137.74	0.00	137.74	1013.00	258.92	119.58	1551.49	1013.00	1655.00	1800.00	1820.00	2668.00	

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PAGE 59

SECNO	CWELL	DEFKPS	LS	YORWID	GLOB	QCH	QROF	PERENC	STENCL	STCHL	STCHR	STENCR
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FBI GOVERNMENT PRINTING OFFICE: 1967 O-321-210

LINE	SECNO	CWSEL	DAYS	EG	TOPWID	ALOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
7	329.700	152.28	0.00	152.41	82.22	0.00	1375.00	0.00	0.00	0.00	2131.00	2206.00	0.00
8	329.700	152.28	0.00	152.39	82.95	0.00	1375.00	0.00	75.00	2131.00	2131.00	2206.00	2206.00
11	329.720	152.28	0.00	152.29	72.00	0.00	1375.00	0.00	0.00	0.00	2131.00	2206.00	0.00
12	329.720	152.28	0.00	152.27	75.00	0.00	1375.00	0.00	75.00	2131.00	2131.00	2206.00	2206.00
14	330.100	152.57	0.00	152.58	477.00	41.51	479.91	853.58	470.00	2080.00	2100.00	2200.00	2550.00
16	330.100	152.57	0.00	152.55	477.00	41.46	477.83	855.72	470.00	2080.00	2100.00	2200.00	2550.00
17	383.000	154.06	0.00	154.02	563.00	288.23	1228.89	88.21	200.00	2475.00	2950.00	3050.00	3075.00
20	407.000	158.47	0.00	158.48	147.00	170.87	1212.21	192.02	147.00	1928.00	1950.00	2050.00	2075.00
23	430.500	161.17	0.00	161.16	623.39	323.55	454.61	241.74	0.00	4890.00	4980.00	5020.00	5055.00
24	430.500	161.17	0.00	161.24	160.00	321.95	568.32	149.73	160.00	4895.00	4980.00	5020.00	5055.00
26	439.730	161.17	0.00	161.19	644.34	416.41	330.85	272.74	0.00	0.00	4985.00	5015.00	0.00
27	439.730	161.17	0.00	162.02	187.00	440.25	392.10	187.66	187.00	4872.00	4985.00	5015.00	5059.00
29	440.270	161.23	0.00	161.24	951.14	524.45	257.29	238.26	0.00	0.00	3532.00	3565.00	0.00
30	440.270	162.08	0.00	162.10	732.00	564.55	305.47	149.98	332.00	3320.00	3532.00	3565.00	3652.00
32	440.600	162.11	0.00	161.25	951.73	484.83	315.73	220.24	0.00	0.00	3532.00	3565.00	0.00
33	440.600	162.11	0.00	162.11	321.00	514.63	375.95	129.42	321.00	3324.00	3532.00	3565.00	3645.00
35	449.500	163.15	0.00	163.15	230.00	334.21	284.83	396.96	200.00	2548.00	2638.00	2658.00	2748.00
36	449.500	163.15	0.00	163.15	150.00	325.45	331.22	363.32	150.00	2573.00	2638.00	2658.00	2723.00
38	450.330	163.10	0.00	163.10	25.00	0.00	1020.00	0.00	0.00	0.00	1658.00	1683.00	0.00
39	450.330	163.10	0.00	163.10	25.00	0.00	1020.00	0.00	25.00	1658.00	1658.00	1683.00	1683.00
41	450.670	170.20	0.00	170.20	25.00	0.00	1020.00	0.00	0.00	0.00	1658.00	1683.00	0.00
42	450.670	170.20	0.00	170.20	25.00	0.00	1020.00	0.00	25.00	1658.00	1658.00	1683.00	1683.00
44	451.000	170.26	0.00	170.26	30.00	302.14	242.36	305.50	200.00	1570.00	1658.00	1683.00	1770.00
45	451.000	170.26	0.00	170.25	100.00	318.35	429.56	272.89	100.00	1620.00	1658.00	1683.00	1720.00
47	465.400	170.78	0.00	170.78	1457.91	633.80	132.41	253.71	0.00	0.00	1975.00	2025.00	0.00
48	465.400	170.78	0.00	170.78	680.00	662.77	153.50	223.74	680.00	1490.00	1975.00	2025.00	2170.00
50	477.000	170.29	0.00	170.29	1395.74	393.06	259.58	367.36	0.00	0.00	1600.00	1700.00	0.00
51	477.000	170.29	0.00	170.29	520.00	374.24	303.16	342.59	590.00	1375.00	1600.00	1700.00	1965.00
53	505.500	170.97	0.00	170.97	574.00	785.80	151.31	162.81	0.00	0.00	1585.00	1610.00	0.00
54	505.500	170.97	0.00	170.97	229.00	624.89	195.11	0.00	228.00	1382.00	1585.00	1610.00	1610.00
56	506.100	170.97	0.00	170.97	277.20	603.24	165.95	163.81	0.00	0.00	1585.00	1610.00	0.00
57	506.100	170.97	0.00	170.97	250.00	306.22	210.78	0.00	230.00	1380.00	1585.00	1610.00	1610.00



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SECHG	CWSEL	DIFKWS	EN	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
507.500	170.67	2.00	170.67	594.56	706.99	144.29	168.72	0.00	0.00	1585.00	1610.00	0.00
507.500	171.25	2.58	171.25	230.00	815.46	204.54	0.00	230.00	1380.00	1585.00	1610.00	1610.00
507.500	170.67	2.00	170.67	594.56	706.99	144.29	168.72	0.00	0.00	1585.00	1610.00	0.00
507.500	171.25	2.58	171.27	250.00	815.37	196.72	10.18	250.00	1365.00	1585.00	1610.00	1615.00
523.000	171.91	0.00	171.91	639.79	448.55	229.45	342.00	0.00	0.00	980.00	1020.00	0.00
523.000	172.00	0.00	172.00	264.00	438.14	333.92	247.95	264.00	836.00	980.00	1020.00	1100.00
537.000	173.63	0.00	173.65	792.15	547.03	367.26	105.72	0.00	0.00	2650.00	2737.00	0.00
537.000	174.64	1.00	174.66	252.00	475.56	544.44	0.00	252.00	2485.00	2650.00	2737.00	2737.00
550.000	174.81	0.00	174.81	309.09	296.10	110.88	283.72	0.00	0.00	1980.00	2020.00	0.00
550.000	175.83	1.03	175.84	340.00	283.51	171.20	235.29	348.00	1811.00	1980.00	2020.00	2159.00
576.000	177.62	0.00	177.64	667.07	121.26	141.63	427.13	0.00	0.00	3630.00	3657.00	0.00
576.000	178.64	1.02	178.67	281.00	0.00	211.11	478.89	283.00	3630.00	3630.00	3657.00	3913.00
576.000	177.77	0.00	177.78	527.99	0.00	141.62	548.38	0.00	0.00	3630.00	3657.00	0.00
576.000	178.79	1.02	178.81	256.00	0.00	211.66	478.34	256.00	3630.00	3630.00	3657.00	3886.00
577.500	179.73	0.00	179.78	565.50	0.00	96.89	593.11	0.00	0.00	3630.00	3657.00	0.00
577.500	179.87	2.00	179.88	256.00	0.00	163.72	526.26	256.00	3630.00	3630.00	3657.00	3886.00
577.900	179.79	0.00	179.79	780.02	145.87	84.25	450.88	0.00	0.00	3630.00	3657.00	0.00
577.900	179.40	2.81	179.60	380.00	26.96	121.26	541.78	383.00	3617.00	3630.00	3657.00	4000.00
603.000	180.69	0.00	180.71	358.62	10.88	573.98	105.14	0.00	0.00	2634.00	2788.00	0.00
603.000	181.47	0.00	181.50	254.00	0.00	390.00	0.00	154.00	2634.00	2634.00	2788.00	2788.00
620.000	184.31	0.00	184.34	194.00	0.00	245.20	444.80	194.00	6682.00	6682.00	6710.00	6876.00
620.000	184.38	0.00	184.41	194.00	0.00	242.48	447.52	194.00	6682.00	6682.00	6710.00	6876.00
620.700	184.41	0.00	185.36	17.00	0.00	690.00	0.00	0.00	0.00	6690.00	6707.00	0.00
620.700	184.49	0.00	185.41	17.00	0.00	690.00	0.00	17.00	6690.00	6690.00	6707.00	6707.00
620.800	184.39	0.00	185.43	17.40	0.00	690.00	0.00	0.00	0.00	6690.00	6707.00	0.00
620.800	184.47	2.00	185.53	17.00	0.00	690.00	0.00	17.00	6690.00	6690.00	6707.00	6707.00
621.200	185.46	0.00	186.30	18.75	0.00	690.00	0.00	0.00	0.00	6690.00	6707.00	0.00
621.200	185.45	0.00	186.32	17.00	0.00	690.00	0.00	17.00	6690.00	6690.00	6707.00	6707.00
621.220	185.83	0.00	186.41	17.00	0.00	690.00	0.00	0.00	0.00	6690.00	6707.00	0.00
621.220	185.86	0.00	186.44	17.00	0.00	690.00	0.00	17.00	6690.00	6690.00	6707.00	6707.00
621.500	186.61	0.00	186.61	194.00	0.00	212.74	477.36	194.00	6682.00	6682.00	6710.00	6876.00
621.500	186.64	0.00	186.65	194.00	0.00	212.22	477.38	194.00	6682.00	6682.00	6710.00	6876.00

U.S. GOVERNMENT PRINTING OFFICE: 1981 O-274-000

BEAR SWAMP JAN 86 RUT

SUMMARY PRINTOUT TABLE

LINE	SECNO	ALCH	BL	RO	ELL	MIN	Q	CHSEL	CRWS	EG	10K*S	VCH	AREA	.01K
12	0.000	0.00	0.00	0.00	0.00	112.10	2110.00	118.65	0.00	119.70	27.03	2.85	2053.54	405.81
13	0.000	0.00	0.00	0.00	0.00	112.10	2110.00	119.65	0.00	119.71	19.70	2.74	1473.92	475.36
16	14.000	1400.00	0.00	0.00	0.00	117.00	2110.00	123.01	0.00	123.12	67.85	3.88	1175.37	256.15
17	14.000	1400.00	0.00	0.00	0.00	117.00	2110.00	123.45	0.00	123.65	78.65	4.47	795.06	237.92
19	22.500	2250.00	0.00	0.00	0.00	118.30	2110.00	126.34	0.00	126.41	22.74	3.98	1430.57	442.51
20	22.500	2250.00	0.00	0.00	0.00	118.30	2110.00	127.12	0.00	127.24	24.91	3.77	1060.47	422.76
22	23.550	2355.00	0.00	0.00	0.00	118.70	2110.00	126.59	127.67	127.16	110.51	6.19	464.16	200.71
23	23.550	2355.00	0.00	0.00	0.00	118.70	2110.00	127.41	0.00	127.98	79.87	5.57	411.86	236.10
25	23.950	2395.00	0.00	0.00	0.00	118.70	2110.00	126.70	0.00	127.16	92.05	5.70	533.87	219.93
26	23.950	2395.00	0.00	0.00	0.00	118.70	2110.00	127.81	0.00	128.19	62.27	5.07	473.46	267.39
28	24.350	2435.00	0.00	0.00	0.00	118.30	2110.00	127.40	0.00	127.45	17.52	2.39	1494.57	504.16
29	24.350	2435.00	0.00	0.00	0.00	118.30	2110.00	128.37	0.00	128.40	8.68	1.82	1939.76	715.98
31	50.000	5000.00	0.00	0.00	0.00	118.80	2110.00	127.80	0.00	127.80	3.27	1.02	4426.21	1167.67
32	50.000	5000.00	0.00	0.00	0.00	118.80	2110.00	128.58	0.00	128.58	1.77	0.80	5376.65	1583.80
34	55.000	5500.00	0.00	0.00	0.00	124.00	2110.00	130.56	0.00	130.57	9.94	1.04	3793.43	669.26
35	55.000	5500.00	0.00	0.00	0.00	124.00	2110.00	130.82	0.00	130.84	23.00	1.59	2073.05	439.95
37	115.000	3000.00	0.00	0.00	0.00	124.50	2110.00	132.72	0.00	132.72	5.76	0.79	4471.36	878.93
38	115.000	3000.00	0.00	0.00	0.00	124.50	2110.00	133.64	0.00	133.64	5.01	0.86	3807.17	942.81
40	142.000	2700.00	0.00	0.00	0.00	126.00	1930.00	134.91	0.00	134.94	16.66	2.03	1946.48	472.79
41	142.000	2700.00	0.00	0.00	0.00	126.00	1930.00	135.51	0.00	135.53	13.54	1.94	2049.66	524.56
43	143.050	1000.00	0.00	0.00	0.00	127.00	1930.00	135.17	0.00	135.20	39.93	1.44	1341.15	305.43
44	143.050	1000.00	0.00	0.00	0.00	127.00	1930.00	135.69	0.00	135.71	22.13	1.15	1673.12	410.26
46	143.070	2.00	133.40	139.20	127.10	1930.00	134.85	0.00	135.72	415.34	7.47	258.44	94.70	
47	143.070	2.00	136.40	139.20	127.10	1930.00	135.45	0.00	136.10	288.22	6.48	297.87	113.68	
49	143.330	26.00	138.40	139.20	127.10	1930.00	136.10	0.00	136.59	199.24	5.51	343.82	136.73	
50	143.330	26.00	139.40	139.20	127.10	1930.00	136.32	0.00	136.76	176.99	5.36	360.00	145.07	
52	143.350	2.00	0.00	0.00	127.00	1930.00	136.78	0.00	136.79	7.82	0.82	2361.05	690.25	
53	143.350	2.00	0.00	0.00	127.00	1930.00	136.93	0.00	136.94	7.01	0.79	2458.34	728.98	
55	143.700	35.00	0.00	0.00	126.00	1930.00	136.80	0.00	136.81	5.81	1.43	2697.21	800.83	
56	143.700	35.00	0.00	0.00	126.00	1930.00	136.95	0.00	136.06	5.23	1.37	2795.75	844.23	
58	160.000	2430.00	0.00	0.00	132.00	1930.00	137.74	0.00	137.74	2.86	0.63	5374.38	1141.37	
59	160.000	2430.00	0.00	0.00	132.00	1930.00	138.19	0.00	138.19	5.18	0.90	3604.36	847.88	

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SECHO	YLCH	ELTRD	ELLC	FLMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
180.000	1200.00	0.00	0.00	132.70	1930.00	138.36	0.00	138.36	14.56	1.54	2736.35	505.77
180.000	1200.00	0.00	0.00	132.70	1930.00	139.28	0.00	139.22	18.38	1.82	1750.45	450.23
193.000	1300.00	0.00	0.00	133.50	1930.00	139.66	0.00	139.67	7.80	1.19	3510.10	690.85
193.000	1300.00	0.00	0.00	133.50	1930.00	140.64	0.00	140.66	7.82	1.35	2495.69	690.02
201.000	802.00	0.00	0.00	134.00	1930.00	140.96	0.00	141.37	68.52	3.00	1000.52	233.16
201.000	802.00	0.00	0.00	134.00	1930.00	141.81	0.00	141.90	43.90	2.00	974.40	291.30
202.020	133.00	0.00	0.00	134.20	1930.00	142.46	0.00	142.84	122.01	4.93	391.52	174.73
202.320	133.00	0.00	0.00	134.20	1930.00	142.88	0.00	143.21	107.20	4.56	223.33	186.40
202.840	2.00	146.60	146.60	134.20	1930.00	142.40	0.00	143.01	176.57	6.28	307.43	145.24
202.840	2.00	146.60	146.60	134.20	1930.00	142.83	0.00	143.35	141.88	5.80	332.72	162.03
203.140	3.00	145.60	145.60	134.20	1930.00	143.00	0.00	143.54	127.02	5.57	346.34	171.25
203.180	3.00	145.60	145.60	134.20	1930.00	143.35	0.00	143.79	110.67	5.30	364.12	183.46
203.180	3.00	0.00	0.00	134.20	1930.00	143.37	0.00	143.64	93.08	4.20	459.09	211.74
203.180	3.00	0.00	0.00	134.20	1930.00	143.62	0.00	143.88	73.17	4.04	478.09	225.62
203.300	3.00	0.00	0.00	134.00	1930.00	143.74	0.00	143.82	16.50	2.29	842.36	475.15
203.300	3.00	0.00	0.00	134.00	1930.00	143.96	0.00	144.04	15.20	2.23	864.67	495.01
203.000	215.00	0.00	0.00	138.50	1375.00	144.52	0.00	144.52	1.00	0.42	4991.79	1374.86
203.000	215.00	0.00	0.00	138.50	1375.00	144.87	0.00	144.87	1.31	0.51	3956.48	1203.00
275.000	500.00	0.00	0.00	141.00	1375.00	145.31	0.00	145.32	2.90	0.54	2675.19	807.20
275.000	500.00	0.00	0.00	141.00	1375.00	145.70	0.00	145.70	2.17	0.50	2747.88	933.39
317.500	3.00	0.00	0.00	143.00	1375.00	148.82	0.00	149.04	109.49	4.30	489.66	131.40
317.500	3.00	0.00	0.00	143.00	1375.00	148.49	0.00	148.89	210.74	5.44	323.10	94.72
318.030	133.00	0.00	0.00	143.00	1375.00	150.11	0.00	150.44	92.71	4.66	295.14	142.81
318.030	133.00	0.00	0.00	143.00	1375.00	150.38	0.00	150.69	90.07	4.45	308.69	144.17
319.170	34.00	151.00	151.00	143.00	1375.00	150.13	0.00	150.46	91.41	4.64	296.39	143.82
319.170	34.00	151.00	151.00	143.00	1375.00	150.39	0.00	150.70	89.96	4.44	309.77	144.97
319.500	3.00	0.00	0.00	143.00	1375.00	150.65	0.00	150.70	20.52	2.32	284.65	303.55
319.500	3.00	0.00	0.00	143.00	1375.00	150.93	0.00	150.96	35.50	2.01	619.70	230.76
320.000	350.00	0.00	0.00	144.20	1375.00	151.47	0.00	151.49	5.60	1.14	1714.69	581.28
320.000	350.00	0.00	0.00	144.20	1375.00	151.77	0.00	151.78	4.64	1.07	1810.88	638.63
320.480	128.00	0.00	0.00	145.00	1375.00	151.60	0.00	151.72	59.31	3.47	396.47	178.54
320.480	128.00	0.00	0.00	145.00	1375.00	151.87	0.00	152.04	52.30	3.30	417.06	186.60
329.500	2.00	157.90	157.90	145.00	1375.00	151.52	0.00	151.95	243.12	5.26	261.34	88.18
329.500	2.00	157.90	157.90	145.00	1375.00	151.81	0.00	152.19	209.83	4.96	277.20	94.92



SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT	SECT
SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRTWS	EG	10K+S	VCH	AREA	.01K		
329.700	24.00	157.90	157.90	145.00	1375.00	152.96	0.00	152.41	134.54	4.71	291.83	101.22		
329.700	24.00	157.90	157.90	149.00	1375.00	152.27	0.00	152.59	167.12	4.53	303.66	106.36		
329.720	24.00	157.90	157.90	145.00	1375.00	152.36	0.00	152.50	37.85	3.03	453.67	223.51		
329.720	24.00	157.90	157.90	145.00	1375.00	152.54	0.00	152.67	37.62	2.94	467.14	224.18		
330.100	20.00	146.10	146.10	145.10	1375.00	152.57	0.00	152.58	2.06	0.74	2681.77	956.92		
330.100	20.00	146.10	146.10	146.10	1375.00	152.74	0.00	152.75	1.88	0.72	2760.44	1002.87		
349.000	34.00	146.00	146.00	146.00	1375.00	154.04	0.00	154.08	17.34	1.87	1233.96	330.21		
349.000	34.00	146.00	146.00	146.00	1375.00	154.16	0.00	154.21	20.34	2.08	1233.91	301.17		
407.000	22.00	149.00	149.00	149.00	1375.00	158.49	0.00	158.52	7.13	1.45	1459.92	515.04		
407.000	22.00	149.00	149.00	149.00	1375.00	159.44	0.00	159.18	7.61	1.59	984.34	498.53		
430.000	31.00	161.00	161.00	161.00	1020.00	161.08	0.00	161.10	10.08	1.66	1262.85	321.35		
430.000	31.00	161.00	161.00	161.00	1020.00	161.91	0.00	161.84	13.78	1.86	826.67	310.73		
439.730	11.00	162.00	162.00	162.00	1020.00	161.17	0.00	161.19	5.01	1.50	1290.97	455.80		
439.740	11.00	162.00	162.00	162.00	1020.00	162.00	0.00	162.02	4.91	1.60	916.73	460.20		
440.270	34.00	159.50	159.50	152.50	1020.00	161.23	0.00	161.24	3.05	1.12	1848.15	583.93		
440.270	34.00	159.50	159.50	152.50	1020.00	162.08	0.00	162.10	2.92	1.18	1333.41	596.44		
440.500	33.00	162.00	162.00	162.00	1020.00	161.24	0.00	161.25	7.16	1.37	1353.58	381.20		
440.500	33.00	162.00	162.00	162.00	1020.00	162.10	0.00	162.11	6.90	1.46	1304.36	388.29		
449.500	30.00	163.00	163.00	163.00	1020.00	162.31	0.00	162.35	27.22	2.43	747.63	195.25		
449.500	30.00	163.00	163.00	163.00	1020.00	163.10	0.00	163.15	24.19	2.49	688.45	207.40		
450.330	23.00	163.00	163.00	163.00	1020.00	162.43	0.00	163.10	88.60	6.54	156.03	108.36		
450.330	23.00	163.00	163.00	163.00	1020.00	163.24	0.00	163.76	74.97	5.81	175.69	117.80		
450.670	34.00	159.10	159.10	154.30	1020.00	170.07	0.00	170.20	6.19	2.94	346.60	409.84		
450.670	34.00	159.10	159.10	154.30	1020.00	172.56	0.00	170.69	13.41	2.84	358.99	278.50		
451.000	33.00	163.00	163.00	163.00	1020.00	170.25	0.00	170.26	0.68	0.69	2364.10	1234.84		
451.000	33.00	163.00	163.00	163.00	1020.00	170.73	0.00	170.75	1.92	1.18	1271.97	736.67		
465.000	14.00	170.00	170.00	170.00	1020.00	170.28	0.00	170.28	0.09	0.22	8760.27	3616.33		
465.000	14.00	170.00	170.00	170.00	1020.00	170.78	0.00	170.78	0.09	0.24	6873.61	3337.02		
477.000	12.00	170.00	170.00	170.00	1020.00	170.29	0.00	170.29	0.10	0.23	7432.29	3239.23		
477.000	12.00	170.00	170.00	170.00	1020.00	170.79	0.00	170.79	0.12	0.26	5884.35	2984.68		
505.500	28.00	163.00	163.00	163.00	1020.00	170.37	0.00	170.38	7.39	1.18	1610.73	375.21		
505.500	28.00	163.00	163.00	163.00	1020.00	170.88	0.00	170.82	10.84	1.38	1064.96	309.74		
506.700	12.00	162.00	162.00	162.00	1020.00	170.42	0.00	170.43	3.45	1.18	1647.65	651.23		
506.700	12.00	162.00	162.00	162.00	1020.00	170.95	0.00	170.97	3.54	1.37	1098.09	542.24		

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SECNO	XLCH	ELTPO	ELLC	ELMIN	G	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
507.000	30.00	163.40	163.00	163.70	1020.00	170.65	0.00	170.66	1.96	1.08	1787.32	728.44
507.000	39.00	169.40	166.00	162.70	1020.00	171.24	0.00	171.25	2.93	1.28	1164.34	595.44
507.500	41.00	0.00	0.00	163.90	1020.00	170.66	0.00	170.67	5.60	1.06	1778.64	430.87
507.500	41.00	0.00	0.00	163.92	1020.00	171.25	0.00	171.27	7.37	1.31	1233.44	375.85
523.000	1557.00	0.00	0.00	166.50	1020.00	171.90	0.00	171.91	13.18	1.38	1442.15	280.93
523.000	1567.00	0.00	0.00	166.50	1020.00	172.78	0.00	172.80	14.65	1.66	994.78	266.46
537.000	1420.00	0.00	0.00	169.00	1020.00	173.63	0.00	173.65	11.15	1.17	1549.45	305.52
537.000	1420.00	0.00	0.00	169.00	1020.00	174.64	0.00	174.66	11.58	1.36	997.43	299.76
550.000	1300.00	0.00	0.00	170.40	690.00	174.81	0.00	174.81	6.23	0.93	1657.01	276.41
550.000	1300.00	0.00	0.00	170.40	690.00	175.83	0.00	175.84	6.10	0.98	1162.93	279.39
576.000	2420.00	0.00	0.00	173.20	690.00	177.62	0.00	177.64	26.25	1.63	931.48	134.68
576.000	2500.00	0.00	0.00	173.20	690.00	178.60	0.00	178.67	26.76	1.84	672.71	133.38
576.880	00.00	0.00	0.00	172.40	690.00	177.77	0.00	177.78	11.23	1.44	833.07	205.90
576.880	00.00	0.00	0.00	172.40	690.00	178.79	0.00	178.81	11.02	1.68	639.18	207.81
577.520	84.00	138.00	173.00	172.80	690.00	178.77	0.00	178.78	2.43	0.78	1384.97	442.38
577.520	84.00	138.00	173.00	172.80	690.00	179.57	0.00	179.58	2.90	0.73	1336.85	411.72
577.900	35.00	0.00	0.00	173.20	690.00	176.79	0.00	176.79	3.98	0.71	1787.59	345.88
577.900	35.00	0.00	0.00	173.20	690.00	179.60	0.00	179.60	4.70	0.86	1332.15	318.34
603.000	0510.00	0.00	0.00	176.20	690.00	180.69	0.00	180.71	18.41	1.22	708.81	160.79
603.000	0510.00	0.00	0.00	176.20	690.00	181.47	0.00	181.50	12.87	1.17	591.28	192.32
620.000	1300.00	0.00	0.00	177.00	690.00	184.31	0.00	184.34	20.30	1.88	568.47	127.48
620.000	1300.00	0.00	0.00	177.00	690.00	184.38	0.00	184.41	27.52	1.83	500.16	131.53
620.700	70.00	0.00	0.00	178.40	690.00	184.41	0.00	185.36	379.63	7.79	88.57	35.41
620.700	70.00	0.00	0.00	178.40	690.00	184.49	0.00	185.41	466.34	7.67	89.94	31.95
620.800	2.00	184.60	186.20	178.40	690.00	184.39	0.00	185.48	175.80	8.40	82.19	52.04
620.800	2.00	184.60	186.20	178.40	690.00	184.47	0.00	185.53	168.32	8.26	83.58	53.18
621.200	48.00	184.20	186.20	178.40	690.00	185.46	0.00	186.30	197.52	7.37	93.60	49.10
621.200	48.00	184.20	186.20	178.40	690.00	185.48	0.00	186.32	197.55	7.37	93.59	49.09
621.220	2.00	0.00	0.00	178.40	690.00	185.33	0.00	186.41	113.95	6.10	112.67	64.64
621.220	2.00	0.00	0.00	178.40	690.00	185.86	0.00	186.44	157.21	6.09	113.31	55.03
621.500	20.00	0.00	0.00	177.00	690.00	186.61	0.00	186.61	4.27	1.09	1012.93	333.79
621.500	20.00	0.00	0.00	177.00	690.00	186.61	0.00	186.61	4.20	1.09	1018.91	338.88







SECNO	Q	CWSEL	DIFWSP	DIFWSY	DIFKWS	TOPWID	XLCH
80.000	1930.00	158.36	0.00	0.42	0.00	1295.62	1200.00
80.000	1930.00	158.36	0.83	1.01	0.83	460.00	1200.00
103.000	1930.00	158.36	0.00	0.00	0.00	1473.98	1300.00
193.000	1930.00	140.95	0.98	1.45	0.98	580.00	1500.00
201.000	1930.00	140.95	0.00	1.31	0.00	440.00	800.00
201.000	1930.00	140.95	0.84	1.70	0.84	285.00	800.00
202.820	1930.00	142.88	0.00	1.49	0.00	74.00	182.00
202.820	1930.00	142.88	0.22	1.07	0.42	74.00	182.00
202.840	1930.00	142.88	0.00	0.06	0.00	59.43	2.00
202.840	1930.00	142.88	0.43	0.06	0.43	60.94	2.00
203.100	1930.00	143.37	0.00	0.56	0.00	61.71	32.00
203.100	1930.00	143.37	0.29	0.52	0.29	62.71	32.00
203.130	1930.00	143.37	0.00	0.31	0.00	74.00	2.00
203.130	1930.00	143.37	0.26	0.27	0.26	74.00	2.00
203.500	1930.00	143.08	0.00	0.37	0.00	100.00	32.00
203.500	1930.00	143.08	0.22	0.34	0.22	100.00	32.00
225.000	1375.00	144.63	0.00	0.78	0.00	1198.52	2150.00
225.000	1375.00	144.63	0.35	0.91	0.35	805.00	2150.00
275.000	1375.00	145.71	0.00	0.70	0.00	918.07	5000.00
275.000	1375.00	145.71	0.38	0.83	0.38	790.00	5000.00
317.500	1375.00	143.82	0.00	3.51	0.00	228.44	4250.00
317.500	1375.00	143.82	0.33	1.80	0.33	125.00	4250.00
318.630	1375.00	150.11	0.00	1.39	0.00	50.00	133.00
318.630	1375.00	150.11	0.27	1.09	0.27	50.00	133.00
319.170	1375.00	150.13	0.00	0.02	0.00	50.00	34.00
319.170	1375.00	150.13	0.27	0.02	0.27	50.00	34.00
318.500	1375.00	150.08	0.00	0.52	0.00	225.59	33.00
318.500	1375.00	150.08	0.21	0.48	0.21	225.00	33.00
320.000	1375.00	151.47	0.00	0.33	0.00	350.00	850.00
320.000	1375.00	151.47	0.30	0.31	0.30	350.00	850.00
329.480	1375.00	151.60	0.00	2.10	0.00	75.00	148.00
329.480	1375.00	151.60	0.27	1.10	0.27	75.00	148.00
329.500	1375.00	151.61	0.00	0.08	0.00	60.29	2.00
329.500	1375.00	151.61	0.28	0.07	0.28	61.30	2.00



SECNO	Q	CHSEL	DTMSP	D-FWSX	DIFKWS	TOPWID	XLCH
327.700	1375.00	152.06	0.00	0.54	0.00	62.22	20.00
327.700	1375.00	152.27	0.21	0.46	0.20	62.95	20.00
327.720	1375.00	152.11	0.10	0.50	0.00	75.00	2.00
327.720	1375.00	152.11	0.10	0.27	0.18	75.00	2.00
330.100	1375.00	152.27	0.00	0.01	0.00	470.00	38.00
330.100	1375.00	152.27	0.00	0.80	0.17	470.00	38.00
335.000	1375.00	152.04	0.00	1.47	0.00	563.68	3400.00
335.000	1375.00	152.16	0.12	1.42	0.12	563.68	3400.00
402.000	1375.00	152.16	0.05	4.65	0.05	729.28	4200.00
430.600	1020.00	161.01	0.00	2.78	0.00	623.39	3100.00
430.600	1020.00	161.01	0.00	2.78	0.00	623.39	3100.00
439.750	1020.00	161.17	0.00	0.09	0.00	644.84	113.00
439.750	1020.00	161.17	0.00	0.10	0.03	644.84	113.00
440.270	1020.00	161.01	0.00	0.06	0.00	951.14	54.00
440.270	1020.00	161.01	0.00	0.08	0.06	951.14	54.00
440.600	1020.00	161.01	0.00	0.01	0.00	951.33	33.00
440.600	1020.00	161.01	0.00	0.01	0.06	951.33	33.00
449.500	1020.00	161.17	0.00	1.07	0.00	200.00	890.00
449.500	1020.00	161.17	0.00	1.00	0.79	200.00	890.00
450.330	1020.00	161.43	0.00	0.13	0.00	25.00	83.00
450.330	1020.00	161.43	0.00	0.14	0.00	25.00	83.00
450.670	1020.00	170.07	0.00	7.63	0.00	25.00	34.00
450.670	1020.00	170.58	0.50	7.33	0.50	25.00	34.00
451.000	1020.00	170.73	0.00	0.19	0.00	200.00	33.00
451.000	1020.00	170.73	0.00	0.17	0.49	200.00	33.00
465.000	1020.00	170.73	0.00	0.03	0.00	1457.91	1400.00
465.000	1020.00	170.73	0.00	0.03	0.50	680.00	1400.00
477.000	1020.00	170.22	0.00	0.01	0.00	1395.74	1200.00
477.000	1020.00	170.22	0.00	0.01	0.50	590.00	1200.00
505.500	1020.00	170.73	0.00	0.08	0.00	574.08	2850.00
505.500	1020.00	170.73	0.51	0.09	0.51	228.00	2850.00
506.700	1020.00	170.73	0.00	0.15	0.00	577.28	120.00
506.700	1020.00	170.73	0.53	0.07	0.53	230.00	120.00

U.S. GOVERNMENT PRINTING OFFICE



SECNO	Q	CVSEL	DIENSP	DFUSY	DIFKS	TOPWID	XLCH
507.000	1220.00	175.65	0.00	0.00	0.00	594.37	39.00
507.000	1220.00	175.65	0.00	0.00	0.58	230.00	39.00
507.000	1220.00	175.65	0.00	0.00	0.00	594.56	41.00
507.500	1220.00	175.65	0.00	0.00	0.59	250.00	41.00
523.000	1220.00	175.65	0.00	1.24	0.00	639.79	1550.00
523.000	1220.00	175.65	0.00	1.24	0.88	264.00	1550.00
537.000	1220.00	173.64	0.00	1.73	0.00	792.15	1400.00
537.000	1220.00	173.64	0.00	1.73	1.00	252.00	1400.00
550.000	580.00	175.65	0.00	1.17	0.00	888.99	1300.00
550.000	580.00	175.65	0.00	1.20	1.03	348.00	1300.00
576.000	580.00	175.65	0.00	2.82	0.00	667.87	2600.00
576.000	580.00	175.65	0.00	2.81	1.02	283.00	2600.00
576.000	580.00	175.65	0.00	0.14	0.00	527.99	88.00
576.000	580.00	175.65	0.00	0.15	1.02	256.00	88.00
577.520	890.00	175.65	0.00	1.01	0.00	565.50	64.00
577.520	890.00	175.65	0.00	0.78	0.80	256.00	64.00
577.900	890.00	175.65	0.00	1.01	0.00	789.02	38.00
577.900	890.00	175.65	0.00	0.03	0.81	393.00	38.00
603.000	890.00	175.65	0.00	1.97	0.00	358.62	2510.00
603.000	890.00	175.65	0.00	1.88	0.79	154.00	2510.00
620.000	890.00	175.65	0.00	3.61	0.00	194.00	1700.00
620.000	890.00	175.65	0.00	2.91	0.02	194.00	1700.00
621.780	890.00	175.65	0.00	0.10	0.00	17.00	73.00
621.780	890.00	175.65	0.00	0.11	0.00	17.00	73.00
620.000	890.00	175.65	0.00	0.03	0.00	18.40	2.00
620.000	890.00	175.65	0.00	0.02	0.09	17.00	2.00
621.000	890.00	175.65	0.00	0.07	0.00	18.75	40.00
621.000	890.00	175.65	0.00	0.11	0.02	17.00	40.00
621.220	890.00	175.65	0.00	0.37	0.00	17.00	2.00
621.220	890.00	175.65	0.00	0.36	0.04	17.00	2.00
621.500	890.00	175.65	0.00	0.78	0.00	194.00	28.00
621.500	890.00	175.65	0.00	0.77	0.03	194.00	28.00

THIS DOCUMENT CONTAINS NEITHER RECOMMENDATIONS NOR CONCLUSIONS OF THE NATIONAL BUREAU OF STANDARDS







ON STATION  
ARLINGTON ROAD

STATION ELEVATION  
WIND INSTRUMENT DIFFERENCE  
MOUNTING HEIGHT

STATION	ELEVATION	WIND INSTRUMENT DIFFERENCE	MOUNTING HEIGHT
16	72.5	0.0	0.0
17	72.4	0.0	0.0
18	72.3	0.0	0.0
19	72.2	0.0	0.0
20	72.1	0.0	0.0
21	72.0	0.0	0.0
22	71.9	0.0	0.0
23	71.8	0.0	0.0
24	71.7	0.0	0.0
25	71.6	0.0	0.0
26	71.5	0.0	0.0
27	71.4	0.0	0.0
28	71.3	0.0	0.0
29	71.2	0.0	0.0
30	71.1	0.0	0.0
31	71.0	0.0	0.0
32	70.9	0.0	0.0
33	70.8	0.0	0.0
34	70.7	0.0	0.0
35	70.6	0.0	0.0
36	70.5	0.0	0.0
37	70.4	0.0	0.0
38	70.3	0.0	0.0
39	70.2	0.0	0.0
40	70.1	0.0	0.0
41	70.0	0.0	0.0
42	69.9	0.0	0.0
43	69.8	0.0	0.0
44	69.7	0.0	0.0
45	69.6	0.0	0.0
46	69.5	0.0	0.0
47	69.4	0.0	0.0
48	69.3	0.0	0.0
49	69.2	0.0	0.0
50	69.1	0.0	0.0
51	69.0	0.0	0.0
52	68.9	0.0	0.0
53	68.8	0.0	0.0
54	68.7	0.0	0.0
55	68.6	0.0	0.0
56	68.5	0.0	0.0
57	68.4	0.0	0.0
58	68.3	0.0	0.0
59	68.2	0.0	0.0
60	68.1	0.0	0.0
61	68.0	0.0	0.0
62	67.9	0.0	0.0
63	67.8	0.0	0.0

THIS RUN EXECUTED 6 MAR 86 18:55:51

\*\*\*\*\*  
HECZ RELEASE DATED NOV 76 UPDATED MARC 1982  
ERRGR CORR - 01,02,03,04,05  
MODIFICATION - 50,51,52,53,54,55  
\*\*\*\*\*

C  
T1 ROBEESON COUNTY, N.C. FIS  
T2 JAN 1986  
T3 BEAR SWAMP 100-YEAR FLOOD

J1	ICHECK	ING	IIINV	IDIR	STRT	METRIC	HVINS	Q	LNSEL	EQ
	0.	4.	0.	0.	0.002700	0.00	0.0	0.	119.000	0.000
J2	NPROF	IPLDT	PREVS	XSECV	XSECH	EN	ALLDC	INW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	50.000	51.000	42.000	39.000	0.000	38.000	21.000	22.000
	53.000	54.000	4.000	0.000	150.000	0.000	200.000	0.000	0.000	0.000

NE	0.150	0.150	0.080	0.200	0.400	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	925.000	1695.000	2110.000	3345.000	2110.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.400	0.000	0.000	0.000	0.000	0.000
X1	0.000	9.000	1975.000	2025.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	127.000	0.000	125.000	750.000	120.000	950.000	115.000	1975.000	112.100	2000.000	0.000
GR	115.000	2025.000	120.000	2350.000	125.000	2720.000	127.000	3600.000	0.000	0.000	0.000
X1	14.000	23.000	4602.000	4659.000	700.000	1100.000	1400.000	0.000	0.000	0.000	0.000
X4	2.000	117.000	4626.000	118.000	4627.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	128.000	3100.000	126.100	4000.000	125.200	4100.000	124.000	4200.000	123.000	4300.000	0.000
GR	122.300	4400.000	121.900	4500.000	120.000	4602.000	117.900	4625.000	119.000	4636.000	0.000
GR	119.300	4659.000	121.400	4700.000	119.900	4800.000	121.700	4900.000	123.900	5000.000	0.000
GR	123.500	5100.000	123.300	5200.000	123.700	5300.000	123.400	5400.000	123.800	5500.000	0.000
GR	124.500	5600.000	125.200	5700.000	130.000	5700.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	8.400	0.000	0.000	0.000	0.000	0.000
X1	22.600	16.000	3252.000	3300.000	1150.000	700.000	860.000	0.000	0.000	0.000	0.000
GR	130.000	1800.000	125.000	2080.000	123.100	3100.000	123.000	3252.000	119.900	3256.000	0.000
GR	118.300	3272.000	119.200	3289.000	122.800	3300.000	124.000	3400.000	125.300	3500.000	0.000
GR	125.200	3600.000	124.700	3700.000	124.500	3800.000	125.800	3900.000	126.800	4000.000	0.000
GR	130.000	5350.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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5	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000	0.000
6	X1	23.650	20.000	3248.000	3304.000	105.000	105.000	105.000	0.000	0.000	0.000	0.000
7	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	125.000	125.000	0.000	0.000
8	GR	130.000	1800.000	125.000	2080.000	123.100	3100.000	123.000	3248.000	119.900	3255.000	0.000
9	GR	118.700	3266.000	118.800	3267.000	118.900	3268.000	119.100	3284.000	119.200	3285.000	0.000
10	GR	119.300	3291.000	122.800	3304.000	124.000	3400.000	125.300	3500.000	125.200	3600.000	0.000
11	GR	124.700	3700.000	124.500	3800.000	125.800	3900.000	126.800	4000.000	130.000	5350.000	0.000
12	NC	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	X1	23.670	29.000	3262.000	3318.000	2.000	2.000	2.000	0.000	0.000	0.000	0.000
14	BT	-13.000	3261.000	127.800	127.800	3262.000	127.800	127.300	3262.700	127.800	126.500	0.000
15	BT	0.000	3281.000	127.800	126.500	3281.000	127.800	118.800	3282.000	127.800	118.900	0.000
16	BT	0.000	3282.000	127.800	126.500	3298.000	127.800	126.500	3298.000	127.800	119.100	0.000
17	BT	0.000	3299.000	127.800	119.200	3299.000	127.800	126.500	3318.000	127.800	126.500	0.000
18	BT	0.000	3318.000	127.800	127.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	GR	140.000	650.000	135.000	710.000	131.000	840.000	131.000	1610.000	126.100	3000.000	0.000
20	GR	126.200	3100.000	127.000	3200.000	127.800	3261.000	127.300	3262.000	126.500	3262.700	0.000
21	GR	119.900	3269.000	118.700	3260.000	118.800	3281.000	118.900	3282.000	119.100	3298.000	0.000
22	GR	119.200	3299.000	119.300	3305.000	126.500	3318.000	127.800	3318.000	127.800	3319.000	0.000
23	GR	127.800	3400.000	127.000	3500.000	127.000	3600.000	126.800	3700.000	126.600	3800.000	0.000
24	GR	126.000	3900.000	127.000	4000.000	130.000	6500.000	133.000	8000.000	0.000	0.000	0.000
25	ET	0.000	0.000	0.000	0.000	0.000	9.400	0.000	0.000	0.000	0.000	0.000
26		NC HWY 1339										
27	X1	23.930	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000	0.000
28	X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000
29	NC	0.150	0.130	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	X1	23.950	20.000	3248.000	3304.000	2.000	2.000	2.000	0.000	0.000	0.000	0.000
31	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	125.000	125.000	0.000	0.000
32	GR	130.000	1800.000	125.000	2080.000	123.100	3100.000	123.000	3248.000	119.900	3255.000	0.000
33	GR	118.700	3266.000	118.800	3267.000	118.900	3268.000	119.100	3284.000	119.200	3285.000	0.000
34	GR	119.300	3291.000	122.800	3304.000	124.000	3400.000	125.300	3500.000	125.200	3600.000	0.000
35	GR	124.700	3700.000	124.500	3800.000	125.800	3900.000	126.800	4000.000	130.000	5350.000	0.000
36	X1	24.300	16.000	3252.000	3300.000	35.000	35.000	35.000	0.000	0.000	0.000	0.000
37	GR	130.000	1800.000	125.000	2080.000	123.100	3100.000	123.000	3252.000	119.900	3256.000	0.000
38	GR	118.300	3272.000	119.200	3289.000	122.800	3300.000	124.000	3400.000	125.300	3500.000	0.000
39	GR	125.200	3600.000	124.700	3700.000	124.500	3800.000	125.800	3900.000	126.800	4000.000	0.000
40	GR	130.000	5350.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000	0.000
42	X1	65.000	27.000	2700.000	2800.000	7000.000	4500.000	5070.000	0.000	0.000	0.000	0.000
43	X4	2.000	126.900	2770.000	126.800	2780.000	0.000	0.000	0.000	0.000	0.000	0.000
44	GR	145.000	1700.000	144.100	2270.000	142.000	2300.000	129.600	2400.000	127.800	2500.000	0.000
45	GR	127.600	2600.000	128.100	2760.000	124.000	2776.000	128.800	2800.000	128.000	2900.000	0.000
46	GR	127.800	3000.000	128.200	3100.000	128.800	3200.000	128.600	3300.000	128.500	3400.000	0.000
47	GR	128.800	3500.000	129.300	3600.000	129.300	3700.000	128.200	3800.000	128.500	3900.000	0.000
48	GR	129.200	3900.000	130.000	4000.000	130.000	4010.000	130.000	4100.000	130.200	4300.000	0.000
49	GR	130.300	5000.000	131.000	5200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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5	X1	115.000	20.000	3250.000	3300.000	2100.000	3500.000	3000.000	0.000	0.000	0.000
6	X1	2.000	129.300	3270.000	129.300	3280.000	0.000	0.000	0.000	0.000	0.000
7	GR	145.000	1520.000	140.000	1880.000	135.000	2000.000	131.900	2100.000	139.800	2119.000
8	GR	130.200	2200.000	131.500	2300.000	130.100	2400.000	129.300	2500.000	130.500	2600.000
9	GR	130.800	2700.000	130.200	2800.000	130.100	3250.000	126.500	3275.000	130.100	3300.000
10	GR	129.500	3500.000	130.600	3700.000	131.200	3900.000	140.300	4000.000	145.000	5000.000
11	NH	5.000	0.150	1775.000	0.100	1818.000	0.150	2300.000	0.100	2400.000	0.150
12	NH	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	O1	5.000	845.000	1550.000	1930.000	3065.000	1930.000	0.000	0.000	0.000	0.000
14	X1	142.000	25.000	1775.000	1818.000	2500.000	2300.000	2700.000	0.000	0.000	0.000
15	GR	142.500	1000.000	140.000	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
16	GR	133.000	1500.000	130.500	1600.000	131.400	1700.000	130.200	1775.000	126.900	1800.000
17	GR	130.100	1817.000	131.700	1818.000	133.500	1900.000	133.000	2000.000	134.300	2100.000
18	GR	133.900	2200.000	133.700	2300.000	130.600	2383.000	132.400	2400.000	134.500	2500.000
19	GR	135.400	2600.000	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000
20	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000
21	NH	5.000	0.150	1752.000	0.100	1842.000	0.150	2340.200	0.100	2385.100	0.150
22	NH	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	X1	143.050	29.000	1752.000	2385.000	105.000	105.000	105.000	0.000	0.000	0.000
24	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	135.000	135.000	0.000
25	GR	142.500	1000.000	140.000	1100.000	135.800	1200.000	134.500	1300.000	134.400	1400.000
26	GR	133.000	1500.000	130.500	1600.000	131.400	1700.000	130.300	1752.000	130.200	1776.000
27	GR	127.000	1787.000	131.600	1810.000	131.700	1842.000	133.500	1900.000	133.000	2000.000
28	GR	134.300	2100.000	133.900	2200.000	133.700	2300.000	133.000	2380.200	130.600	2380.300
29	GR	130.600	2385.000	132.000	2385.100	132.400	2400.000	134.500	2500.000	135.400	2600.000
30	GR	135.500	2700.000	137.200	2800.000	138.100	2900.000	141.000	3000.000	0.000	0.000
31	NC	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	X1	143.070	36.000	1765.000	2386.000	2.000	2.000	2.000	0.000	0.000	0.000
33	BT	-23.000	1765.000	139.200	139.200	1769.000	139.200	137.400	1797.000	139.200	137.400
34	BT	0.000	1797.000	139.200	128.000	1798.000	139.200	127.600	1798.000	139.200	137.400
35	BT	0.000	1825.000	139.200	137.400	1825.000	139.200	132.600	1825.000	139.200	132.300
36	BT	0.000	1826.000	139.200	137.400	1848.000	139.200	137.400	1855.000	139.200	139.200
37	BT	0.000	1900.000	139.000	139.000	2000.000	138.800	138.600	2100.000	138.500	138.500
38	BT	0.000	2200.000	138.500	138.500	2300.000	138.400	138.400	2381.200	138.500	138.500
39	BT	0.000	2381.300	138.500	131.000	2381.300	138.500	137.000	2386.000	138.500	137.000
40	BT	0.000	2336.000	138.500	131.000	2386.100	138.500	0.000	0.000	0.000	0.000
41	GR	150.000	0.000	135.000	740.000	141.000	1000.000	139.800	1160.000	138.900	1200.000
42	GR	138.300	1300.000	136.000	1400.000	138.000	1500.000	137.900	1600.000	139.200	1765.000
43	GR	137.400	1769.000	132.000	1783.000	125.000	1797.000	127.600	1798.000	127.100	1800.000
44	GR	131.800	1824.000	132.000	1825.000	132.300	1826.000	137.400	1848.000	132.200	1855.000
45	GR	139.000	1900.000	138.800	2000.000	138.500	2100.000	138.500	2200.000	138.400	2300.000
46	GR	138.500	2381.200	131.000	2381.300	131.000	2386.000	138.500	2386.100	138.100	2500.000
47	GR	138.500	2600.000	138.600	2700.000	138.800	2800.000	139.500	2900.000	141.100	3000.000
48	GR	145.000	3410.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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10







1												1
2												2
3												3
4												4
5	X1	275.000	25.000	3430.000	4219.000	4900.000	5100.000	5000.000	0.000	0.000	0.000	5
6	X4	2.000	141.000	3961.000	141.800	3962.000	0.000	0.000	0.000	0.000	0.000	6
7	GR	162.000	900.000	151.000	1050.000	160.000	2800.000	158.800	3000.000	154.800	3100.000	7
8	GR	153.800	3200.000	150.400	3300.000	142.600	3400.000	142.200	3430.000	142.200	3500.000	8
9	GR	141.900	3600.000	142.000	3700.000	142.200	3800.000	143.300	3900.000	141.800	3960.000	9
10	GR	142.000	4000.000	142.300	4100.000	142.200	4200.000	142.300	4219.000	146.100	4300.000	10
11	GR	152.700	4400.000	154.500	4500.000	155.800	4540.000	160.000	4720.000	162.000	5000.000	11
12												12
13	X1	317.500	20.000	2125.000	2175.000	4100.000	4300.000	4250.000	0.000	0.000	0.000	13
14	GR	160.500	1200.000	156.700	1300.000	153.000	1400.000	148.800	1500.000	148.100	1600.000	14
15	GR	147.700	1700.000	148.000	1800.000	146.700	1900.000	147.500	2000.000	147.300	2100.000	15
16	GR	145.500	2125.000	143.000	2158.000	145.200	2175.000	148.400	2200.000	149.400	2268.000	16
17	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	160.000	2700.000	17
18												18
19	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000	19
20	ET	0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000	20
21	X1	318.830	20.000	2125.000	2175.000	130.000	130.000	133.000	0.000	0.000	0.000	21
22	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	151.000	151.000	0.000	22
23	GR	160.500	1200.000	156.700	1300.000	153.000	1400.000	148.800	1500.000	148.100	1600.000	23
24	GR	147.700	1700.000	148.000	1800.000	146.700	1900.000	147.500	2000.000	147.300	2100.000	24
25	GR	145.500	2125.000	143.000	2158.000	145.200	2175.000	148.400	2200.000	149.400	2268.000	25
26	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	160.000	2700.000	26
27												27
28	SB	1.050	1.600	2.800	0.000	20.000	1.000	266.000	1.900	143.200	143.200	28
29												29
30												30
31	X1	319.170	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000	31
32	X2	0.000	0.000	0.000	151.000	152.300	0.000	0.000	0.000	0.000	0.000	32
33	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	152.300	152.800	0.000	33
34	BT	-20.000	1000.000	160.100	0.000	1100.000	159.000	0.000	1200.000	157.900	0.000	34
35	BT	0.000	1300.000	156.400	0.000	1400.000	155.500	0.000	1500.000	154.200	0.000	35
36	BT	0.000	1600.000	153.200	0.000	1700.000	153.000	0.000	1800.000	152.800	0.000	36
37	BT	0.000	1900.000	152.400	0.000	2000.000	152.300	0.000	2125.000	152.800	0.000	37
38	BT	0.000	2175.000	152.800	0.000	2300.000	153.800	0.000	2400.000	155.000	0.000	38
39	BT	0.000	2500.000	156.300	0.000	2600.000	157.000	0.000	2700.000	158.100	0.000	39
40	BT	0.000	2800.000	159.000	0.000	2900.000	160.100	0.000	0.000	0.000	0.000	40
41												41
42	X1	319.500	20.000	2125.000	2175.000	33.000	33.000	33.000	0.000	0.000	0.000	42
43	GR	160.500	1200.000	156.700	1300.000	153.000	1400.000	148.800	1500.000	148.100	1600.000	43
44	GR	147.700	1700.000	148.000	1800.000	146.700	1900.000	147.500	2000.000	147.300	2100.000	44
45	GR	145.500	2125.000	143.000	2158.000	145.200	2175.000	148.400	2200.000	149.400	2268.000	45
46	GR	150.900	2300.000	152.000	2400.000	154.000	2500.000	154.100	2600.000	160.000	2700.000	46
47												47
48	X1	322.000	21.000	2100.000	2200.000	400.000	1100.000	850.000	0.000	0.000	0.000	48
49	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000	49
50	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.600	2000.000	50
51	GR	147.000	2100.000	144.200	2150.000	147.200	2200.000	146.300	2300.000	146.800	2400.000	51
52	GR	148.000	2500.000	148.500	2600.000	148.300	2700.000	151.200	2800.000	155.500	2900.000	52
53	GR	159.500	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	53
54												54
55												55
56												56
57												57
58												58
59												59
60												60

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5	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000	
6	X1	329.480	24.000	2131.000	2205.000	148.000	148.000	148.000	0.000	0.000	0.000	
7	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	154.000	154.000	0.000	
8	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000	
9	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000	
10	GR	147.000	2100.000	146.900	2131.000	146.800	2145.000	145.000	2162.000	146.700	2188.000	
11	GR	147.200	2205.000	146.300	2300.000	146.800	2400.000	148.000	2500.000	148.500	2600.000	
12	GR	148.300	2700.000	151.200	2800.000	155.500	2900.000	159.500	3000.000	0.000	0.000	
13	NC	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14	X1	329.500	34.000	2131.000	2205.000	2.000	2.000	2.000	0.000	0.000	0.000	
15	BT	-26.000	2131.000	157.900	157.900	2133.000	157.900	154.200	2133.000	157.900	155.200	
16	BT	0.000	2144.000	157.900	155.200	2144.000	157.900	147.300	2145.000	157.900	146.800	
17	BT	0.000	2145.000	157.900	155.200	2157.000	157.900	155.200	2157.000	157.900	145.500	
18	BT	0.000	2158.000	157.900	145.400	2158.000	157.900	155.200	2169.000	157.900	155.200	
19	BT	0.000	2169.000	157.900	145.400	2170.000	157.900	145.500	2170.000	157.900	155.100	
20	BT	0.000	2180.000	157.900	155.100	2180.000	157.900	146.100	2181.000	157.900	146.200	
21	BT	0.000	2181.000	157.900	155.100	2192.000	157.900	155.100	2192.000	157.900	148.800	
22	BT	0.000	2193.000	157.900	149.200	2193.000	157.900	155.100	2204.000	157.900	155.100	
23	BT	0.000	2204.000	157.900	154.800	2206.000	157.900	157.900	0.000	0.000	0.000	
24	GR	161.000	1000.000	160.800	1100.000	160.200	1200.000	159.800	1300.000	159.400	1400.000	
25	GR	159.000	1500.000	158.500	1600.000	158.200	1700.000	158.000	1800.000	157.900	2100.000	
26	GR	157.900	2131.000	154.200	2133.000	147.300	2144.000	146.800	2145.000	145.500	2157.000	
27	GR	145.400	2158.000	145.000	2162.000	145.400	2169.000	145.500	2170.000	146.100	2180.000	
28	GR	146.200	2181.000	146.700	2188.000	148.800	2192.000	149.200	2193.000	154.800	2204.000	
29	GR	157.900	2206.000	157.800	2300.000	157.800	2400.000	157.900	2500.000	158.000	2600.000	
30	GR	158.200	2700.000	158.900	2800.000	159.300	2900.000	160.100	3000.000	0.000	0.000	
31	RAILROAD											
32	X1	329.700	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000	
33	X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	
34	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
35	X1	329.720	24.000	2131.000	2205.000	2.000	2.000	2.000	0.000	0.000	0.000	
36	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	157.900	157.800	0.000	
37	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000	
38	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000	
39	GR	147.000	2100.000	146.900	2131.000	146.800	2145.000	145.000	2162.000	146.700	2188.000	
40	GR	147.200	2206.000	146.300	2300.000	146.800	2400.000	146.000	2500.000	148.500	2600.000	
41	GR	148.300	2700.000	151.200	2800.000	155.500	2900.000	159.500	3000.000	0.000	0.000	
42	X1	330.100	21.000	2100.000	2200.000	38.000	38.000	38.000	0.000	0.000	0.000	
43	GR	161.000	1000.000	159.000	1100.000	158.000	1200.000	157.100	1400.000	154.800	1500.000	
44	GR	152.300	1600.000	150.200	1700.000	149.500	1800.000	147.300	1900.000	147.800	2000.000	
45	GR	147.000	2100.000	145.100	2150.000	147.200	2200.000	146.300	2300.000	146.800	2400.000	
46	GR	148.000	2500.000	148.500	2600.000	148.300	2700.000	151.200	2800.000	155.500	2900.000	
47	GR	159.500	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

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5	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000	
6	X1	449.500	21.000	2638.000	2658.000	900.000	800.000	890.000	0.000	0.000	0.000	
7	GR	170.000	2000.000	169.300	2100.000	167.000	2200.000	162.300	2300.000	160.200	2400.000	
8	GR	158.000	2500.000	159.600	2600.000	157.800	2638.000	157.400	2640.000	154.600	2648.000	
9	GR	158.500	2658.000	158.800	2700.000	188.000	2300.000	161.300	2900.000	164.200	3000.000	
10	GR	164.000	3100.000	164.200	3200.000	166.200	3300.000	168.300	3400.000	169.000	3500.000	
11	GR	169.800	3600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
12	NC	0.090	0.090	0.070	0.400	0.600	0.000	0.000	0.000	0.000	0.000	
13	X1	450.330	22.000	1658.000	1683.000	83.000	83.000	83.000	0.000	0.000	0.000	
14	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	162.000	162.000	0.000	
15	X4	1.000	170.000	1022.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
16	GR	171.000	500.000	169.300	1122.000	167.000	1222.000	162.400	1322.000	160.200	1422.000	
17	GR	158.000	1522.000	159.500	1622.000	157.800	1658.000	157.200	1660.000	154.300	1665.000	
18	GR	156.100	1675.000	157.900	1680.000	158.300	1683.000	158.800	1722.000	158.000	1822.000	
19	GR	161.300	1922.000	164.300	2022.000	164.000	2122.000	164.200	2222.000	166.200	2322.000	
20	GR	168.000	2400.000	171.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
21	SR	1.250	1.300	2.600	0.000	12.830	2.000	52.000	0.000	154.300	154.300	
22	RAILROAD											
23	X1	450.670	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000	
24	X2	0.000	0.000	1.000	159.100	170.200	0.000	0.000	0.000	0.000	0.000	
25	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	170.200	170.200	0.000	
26	X4	1.000	170.000	1022.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
27	BT	-16.000	1000.000	171.800	0.000	1100.000	170.400	0.000	1200.600	171.000	0.000	
28	BT	0.000	1300.000	170.800	0.000	1400.000	170.500	0.000	1500.000	170.300	0.000	
29	BT	0.000	1500.000	170.200	0.000	1658.000	170.300	0.000	1683.000	170.200	0.000	
30	BT	0.000	1800.000	170.200	0.000	1900.000	170.500	0.000	2000.000	170.600	0.000	
31	BT	0.000	2100.000	170.900	0.000	2200.000	170.900	0.000	2300.000	171.000	0.000	
32	BT	0.000	2400.000	171.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
33	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
34	X1	451.000	22.000	1658.000	1683.000	33.000	33.000	33.000	0.000	0.000	0.000	
35	X4	1.000	170.000	1022.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
36	GR	171.000	500.000	169.300	1122.000	167.000	1222.000	162.400	1322.000	160.200	1422.000	
37	GR	158.000	1522.000	159.500	1622.000	157.800	1658.000	157.200	1660.000	154.300	1665.000	
38	GR	156.100	1675.000	157.900	1680.000	158.300	1683.000	158.800	1722.000	158.000	1822.000	
39	GR	161.300	1922.000	164.300	2022.000	164.000	2122.000	164.200	2222.000	166.200	2322.000	
40	GR	168.000	2400.000	171.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
41	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000	
42	X1	465.000	11.000	1975.000	2025.000	1200.000	1420.000	1400.000	0.000	0.000	0.000	
43	GR	173.000	500.000	170.000	1100.000	165.000	1460.000	160.000	1700.000	160.000	1975.000	
44	GR	156.400	2000.000	160.000	2025.000	160.000	2100.000	165.000	2240.000	170.000	2450.000	
45	GR	173.000	3000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
46	X1	477.000	17.000	1600.000	1700.000	1220.000	1200.000	1200.000	0.000	0.000	0.000	
47	GR	173.000	250.000	169.800	1000.000	168.800	1100.000	169.500	1200.000	167.000	1300.000	
48	GR	160.900	1365.000	160.900	1400.000	160.000	1500.000	160.100	1600.000	158.100	1671.000	
49	GR	160.500	1700.000	161.300	1800.000	162.500	1900.000	165.000	2000.000	165.800	2100.000	
50	GR	170.000	2200.000	174.000	3300.000	0.000	0.000	0.000	0.000	0.000	0.000	

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UNITED BANK



5	X1	505.500	17.000	1585.000	1610.000	2400.000	3000.000	2850.000	0.000	0.000	0.000	
6	GR	174.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000	
7	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	163.900	1597.000	
8	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000	
9	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
10	NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000	
11	X1	506.700	17.000	1585.000	1610.000	120.000	120.000	120.000	0.000	0.000	0.000	
12	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	166.000	168.000	0.000	
13	GR	174.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000	
14	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	162.600	1597.000	
15	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000	
16	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
17	SR	1.250	2.200	2.300	0.000	15.000	9.500	19.200	0.000	162.700	162.600	
18	NC HWY 1515											
19	X1	507.090	17.000	1585.000	1610.000	39.000	39.000	39.000	0.000	0.000	0.000	
20	X2	0.000	0.000	1.000	166.000	169.400	0.000	0.000	0.000	0.000	0.000	
21	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	169.400	170.200	0.000	
22	BT	-13.000	0.000	174.000	0.000	1000.000	172.000	0.000	1100.000	170.500	0.000	
23	BT	0.000	1200.000	170.000	0.000	1300.000	169.800	0.000	1400.000	169.400	0.000	
24	BT	0.000	1500.000	169.700	0.000	1585.000	170.200	0.000	1610.000	170.200	0.000	
25	BT	0.000	1700.000	170.800	0.000	1800.000	171.300	0.000	1900.000	172.600	0.000	
26	BT	0.000	2000.000	173.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
27	GR	174.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000	
28	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	162.700	1597.000	
29	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000	
30	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
31	NC	0.150	0.150	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
32	X1	507.500	17.000	1585.000	1610.000	41.000	41.000	41.000	0.000	0.000	0.000	
33	GR	174.000	0.000	173.300	1000.000	171.900	1100.000	169.900	1200.000	168.300	1300.000	
34	GR	167.200	1400.000	165.600	1500.000	166.500	1585.000	165.200	1588.000	163.900	1597.000	
35	GR	166.100	1605.000	166.900	1610.000	168.000	1700.000	172.700	1800.000	173.600	1900.000	
36	GR	175.000	2480.000	176.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000	
37	X1	522.000	0.000	980.000	1020.000	1500.000	1500.000	1550.000	0.000	0.000	0.000	
38	GR	174.000	250.000	175.000	560.000	170.000	700.000	169.000	980.000	166.500	1000.000	
39	GR	175.000	1020.000	170.000	1230.000	175.000	1380.000	177.000	2000.000	0.000	0.000	
40	X1	537.000	17.000	2650.000	2737.000	1470.000	1390.000	1400.000	0.000	0.000	0.000	
41	X4	2.000	169.800	2648.000	169.000	2649.000	0.000	0.000	0.000	0.000	0.000	
42	GR	175.000	600.000	180.000	700.000	175.000	2000.000	173.600	2100.000	172.000	2200.000	
43	GR	171.600	2300.000	172.000	2400.000	172.000	2500.000	170.600	2600.000	170.200	2650.000	
44	GR	169.800	2700.000	170.300	2737.000	172.200	2800.000	173.800	2900.000	174.600	3000.000	
45	GR	175.300	3100.000	178.000	4000.000	0.000	0.000	0.000	0.000	0.000	0.000	
46	QT	5.000	300.000	550.000	640.000	1100.000	690.000	0.000	0.000	0.000	0.000	
47	X1	550.000	9.000	1980.000	2020.000	1500.000	1100.000	1300.000	0.000	0.000	0.000	
48	GR	180.000	400.000	175.000	1510.000	173.000	1250.000	172.500	1980.000	170.400	2000.000	
49	GR	172.500	2020.000	173.000	2350.000	175.000	2420.000	178.000	3000.000	0.000	0.000	

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5	X1	576.000	21.000	3630.000	3657.000	2450.000	2500.000	2600.000	0.000	0.000	0.000
6	GR	183.000	0.000	182.000	500.000	181.800	3000.000	181.500	3100.000	180.700	3200.000
7	GR	179.000	3300.000	178.900	3400.000	177.400	3500.000	175.500	3600.000	175.400	3630.000
8	GR	174.300	3633.000	173.200	3642.000	175.000	3652.000	176.800	3657.000	176.500	3700.000
9	GR	176.800	3800.000	175.800	3900.000	175.700	4000.000	176.200	4100.000	178.900	4200.000
10	GR	179.800	4250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	NC	0.090	0.090	0.080	0.400	0.600	0.000	0.000	0.000	0.000	0.000
12	X1	576.880	21.000	3630.000	3657.000	88.000	88.000	88.000	0.000	0.000	0.000
13	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	179.000	177.000	0.000
14	GR	183.000	0.000	182.000	500.000	181.800	3000.000	181.500	3100.000	180.700	3200.000
15	GR	179.000	3300.000	178.900	3400.000	177.400	3500.000	175.500	3600.000	175.400	3630.000
16	GR	174.300	3633.000	172.400	3642.000	175.000	3652.000	176.800	3657.000	176.500	3700.000
17	GR	176.800	3800.000	175.800	3900.000	175.700	4000.000	176.200	4100.000	178.900	4200.000
18	GR	179.800	4250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	SB	1.250	2.200	2.800	0.000	12.000	4.200	39.270	0.000	172.600	172.400
20	NC HWY 1577										
21	X1	577.520	21.000	3630.000	3657.000	64.000	64.000	64.000	0.000	0.000	0.000
22	X2	0.000	0.000	1.000	177.600	178.000	0.000	0.000	0.000	0.000	0.000
23	X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	179.500	178.000	0.000
24	BT	-17.000	3085.000	181.900	0.000	3185.000	181.400	0.000	3285.000	181.200	0.000
25	BT	0.000	3385.000	180.600	0.000	3485.000	180.000	0.000	3585.000	180.200	0.000
26	BT	0.000	3629.000	179.400	0.000	3630.000	179.000	0.000	3655.000	179.000	0.000
27	BT	0.000	3657.000	179.700	0.000	3685.000	179.500	0.000	3785.000	178.600	0.000
28	BT	0.000	3885.000	178.200	0.000	3985.000	178.000	0.000	4085.000	178.000	0.000
29	BT	0.000	4185.000	178.800	0.000	4215.000	179.900	0.000	0.000	0.000	0.000
30	GR	183.000	0.000	182.000	500.000	181.800	3000.000	181.500	3100.000	180.700	3200.000
31	GR	179.000	3300.000	178.900	3400.000	177.400	3500.000	175.500	3600.000	175.400	3630.000
32	GR	174.300	3633.000	172.600	3642.000	175.000	3652.000	176.800	3657.000	176.500	3700.000
33	GR	176.800	3800.000	175.800	3900.000	175.700	4000.000	176.200	4100.000	178.900	4200.000
34	GR	179.800	4250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	NC	0.140	0.150	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	X1	577.900	21.000	3630.000	3657.000	38.000	38.000	38.000	0.000	0.000	0.000
37	GR	183.000	0.000	182.000	500.000	181.800	3000.000	181.500	3100.000	180.700	3200.000
38	GR	179.000	3300.000	178.900	3400.000	177.400	3500.000	175.500	3600.000	175.400	3630.000
39	GR	174.300	3633.000	173.200	3642.000	175.000	3652.000	176.800	3657.000	176.500	3700.000
40	GR	176.800	3800.000	175.800	3900.000	175.700	4000.000	176.200	4100.000	178.900	4200.000
41	GR	179.800	4250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000
43	X1	603.000	19.000	2634.000	2788.000	2400.000	2700.000	2510.000	0.000	0.000	0.000
44	GR	185.000	2000.000	184.000	2100.000	182.700	2200.000	182.500	2300.000	182.800	2400.000
45	GR	183.000	2500.000	180.800	2600.000	179.000	2634.000	177.300	2700.000	176.200	2755.000
46	GR	179.900	2788.000	179.700	2800.000	178.800	2900.000	181.900	3000.000	182.700	3100.000
47	GR	182.500	3200.000	183.200	3300.000	183.000	3400.000	185.000	4150.000	0.000	0.000

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GR	182.000	7100.000	183.200	7183.000	184.500	7200.000	184.400	7300.000	184.000	7400.000
GR	183.800	7500.000	184.000	9100.000	185.000	9500.000	186.200	10000.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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PRINTED IN U.S.A.

THIS RUN EXECUTED 6 MAR 86 18:56:24

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 ROBESON COUNTY, N.C. FIS  
 T2 JAN 1986  
 T3 BEAR SWAMP 100-YEAR FLOOD

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	O	WSEL	FQ
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	119.650	0.000
J2	NPROF	IPLGT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NO COPY TO BE MADE

THIS RUN EXECUTED 6 MAR 86 18:56:43

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BEAR SWAMP 10

SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH
0.000	118.65	0.00	0.00	112.10	0.00
0.000	119.65	1.00	0.00	112.10	0.00
14.000	123.01	0.00	4.36	117.00	1400.00
14.000	123.97	0.96	4.32	117.00	1400.00
22.600	125.66	0.00	2.66	118.30	660.00
22.600	126.58	0.92	2.61	118.30	860.00
23.650	125.81	0.00	0.15	118.70	105.00
23.650	126.72	0.91	0.14	118.70	105.00
23.670	125.41	0.00	-0.40	118.70	2.00
23.670	126.45	1.04	-0.27	118.70	2.00
23.930	127.24	0.00	1.83	118.70	26.00
23.930	127.84	0.60	1.39	118.70	26.00
23.950	127.40	0.00	0.16	118.70	2.00
23.950	128.07	0.67	0.23	118.70	2.00
24.300	127.41	0.00	0.01	118.30	35.00
24.300	128.08	0.67	0.01	118.30	35.00
85.000	130.04	0.00	2.64	124.00	6070.00
85.000	130.95	0.90	2.87	124.00	6070.00
115.000	132.83	0.00	2.79	126.50	3000.00
115.000	133.79	0.96	2.84	126.50	3000.00
142.000	134.69	0.00	1.86	126.90	2700.00
142.000	135.60	0.91	1.81	126.90	2700.00

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SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH
143.050	134.93	0.00	0.24	127.00	105.00
143.050	135.78	0.85	0.18	127.00	105.00
143.070	134.58	0.00	-0.36	127.10	2.00
143.070	135.55	0.98	-0.23	127.10	2.00
143.330	136.06	0.00	1.48	127.10	26.00
143.330	136.37	0.31	0.81	127.10	26.00
143.350	136.75	0.00	0.69	127.00	2.00
143.350	136.97	0.22	0.60	127.00	2.00
143.700	136.77	0.00	0.02	126.90	35.00
143.700	136.99	0.22	0.02	126.90	35.00
168.000	137.37	0.00	0.60	132.00	2430.00
168.000	137.95	0.58	0.96	132.00	2430.00
180.000	138.25	0.00	0.88	132.70	1200.00
180.000	139.15	0.89	1.20	132.70	1200.00
193.000	139.65	0.00	1.40	133.50	1300.00
193.000	140.64	0.99	1.49	133.50	1300.00
201.000	140.80	0.00	1.15	134.00	800.00
201.000	141.79	0.99	1.15	134.00	800.00
202.820	141.90	0.00	1.10	134.20	182.00
202.820	142.79	0.90	1.01	134.20	182.00
202.840	141.82	0.00	-0.08	134.20	2.00
202.840	142.74	0.92	-0.06	134.20	2.00
203.160	142.74	0.00	0.92	134.20	32.00
203.160	143.26	0.55	0.55	134.20	32.00
203.180	143.10	0.00	0.36	134.20	2.00
203.180	143.57	0.47	0.28	134.20	2.00
203.500	143.52	0.00	0.43	134.00	32.00
203.500	143.94	0.41	0.37	134.00	32.00
225.000	143.82	0.00	0.30	138.50	2150.00
225.000	144.32	0.50	0.39	138.50	2150.00
275.000	145.08	0.00	1.26	141.00	5000.00
275.000	145.49	0.41	1.17	141.00	5000.00
317.500	148.89	0.00	3.81	143.00	4250.00
317.500	148.76	0.13	3.27	143.00	4250.00

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SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH
318.830	149.66	0.00	0.77	143.00	133.00
318.830	150.12	0.45	1.35	143.00	133.00
319.170	149.69	0.00	0.03	143.00	34.00
319.170	150.69	1.00	0.57	143.00	34.00
319.500	150.28	0.00	0.59	143.00	33.00
319.500	151.12	0.84	0.43	143.00	33.00
328.000	150.61	0.00	0.35	144.20	850.00
328.000	151.53	0.89	0.41	144.20	850.00
329.480	150.67	0.00	0.04	145.00	148.00
329.480	151.59	0.92	0.07	145.00	148.00
329.500	150.55	0.00	-0.12	145.00	2.00
329.500	151.52	0.97	-0.08	145.00	2.00
329.700	151.52	0.00	0.97	145.00	20.00
329.700	152.06	0.54	-0.54	145.00	20.00
329.720	151.90	0.00	0.39	145.00	2.00
329.720	152.36	0.45	0.30	145.00	2.00
330.100	152.15	0.00	0.24	145.10	38.00
330.100	152.57	0.42	0.21	145.10	38.00
365.000	153.08	0.00	0.93	146.00	3490.00
365.000	153.79	0.71	1.22	146.00	3490.00
407.000	158.70	0.00	5.62	149.00	4200.00
407.000	159.56	0.86	5.77	149.00	4200.00
438.600	161.07	0.00	2.37	152.00	3160.00
438.600	162.05	0.98	2.49	152.00	3160.00
439.730	161.16	0.00	0.09	152.00	113.00
439.730	162.14	0.99	0.09	152.00	113.00
* 440.270	161.22	0.00	0.06	152.50	54.00
* 440.270	162.20	0.99	0.06	152.50	54.00
440.600	161.23	0.00	0.01	152.50	33.00
440.600	162.21	0.98	0.01	152.50	33.00
449.500	161.91	0.00	0.68	154.60	890.00
449.500	162.87	0.96	0.66	154.60	890.00
450.330	161.76	0.00	-0.15	154.30	83.00
450.330	162.81	1.05	-0.06	154.30	83.00

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LINE	SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH
5	* 450.670	169.38	0.00	7.62	154.30	34.00
6	450.670	170.42	1.05	7.62	154.30	34.00
8	451.000	169.58	0.00	0.21	154.30	33.00
9	451.000	170.60	1.02	0.18	154.30	33.00
10	465.000	169.60	0.00	0.01	156.40	1400.00
11	465.000	170.61	1.02	0.01	156.40	1400.00
12	477.000	169.61	0.00	0.01	158.10	1200.00
13	477.000	170.63	1.02	0.01	158.10	1200.00
14	505.500	169.72	0.00	0.11	163.90	2850.00
15	505.500	170.73	1.01	0.10	163.90	2850.00
16	506.700	169.61	0.00	0.09	162.60	120.00
17	506.700	170.82	1.01	0.09	162.60	120.00
19	* 507.090	170.58	0.00	0.77	162.70	39.00
20	507.090	171.59	1.01	0.77	162.70	39.00
21	507.500	170.59	0.00	0.01	163.90	41.00
22	507.500	171.60	1.01	0.01	163.90	41.00
23	523.000	171.89	0.00	1.29	166.50	1550.00
24	523.000	172.83	0.95	1.24	166.50	1550.00
25	537.000	173.64	0.00	1.75	169.00	1400.00
26	537.000	174.56	0.93	1.73	169.00	1400.00
28	550.000	174.81	0.00	1.17	170.40	1300.00
29	550.000	175.74	0.93	1.18	170.40	1300.00
30	576.000	177.62	0.00	2.82	173.20	2600.00
31	576.000	178.54	0.91	2.80	173.20	2600.00
32	576.880	177.77	0.00	0.14	172.40	88.00
33	576.880	178.68	0.92	0.15	172.40	88.00
35	* 577.520	178.77	0.00	1.01	172.60	64.00
36	* 577.520	179.69	0.92	1.01	172.60	64.00
37	577.900	178.79	0.00	0.01	173.20	38.00
38	577.900	179.70	0.92	0.01	173.20	38.00
39	603.000	180.69	0.00	1.90	176.20	2510.00
40	603.000	181.42	0.73	1.71	176.20	2510.00
41	620.000	183.75	0.00	3.07	177.00	1700.00
42	620.000	184.39	0.63	2.97	177.00	1700.00

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6 MAR 86 18:55:51

SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XUCH
620.780	183.55	0.00	-0.21	178.40	78.00
620.780	184.53	0.98	0.14	178.40	78.00
620.800	183.51	0.00	-0.03	178.40	2.00
620.800	184.51	1.00	-0.01	178.40	2.00
621.200	185.42	0.00	1.91	178.40	40.00
621.200	185.49	0.07	0.98	178.40	40.00
621.220	185.78	0.00	0.36	178.40	2.00
621.220	185.88	0.10	0.39	178.40	2.00
621.500	186.55	0.00	0.77	177.00	28.00
621.500	186.65	0.10	0.77	177.00	28.00

BEAR SWAMP 10  
SUMMARY PRINTOUT

SECNO	STCHL	STCHR	SSTA	ENDST	TOPWID
0.000	1975.00	2025.00	1226.85	2262.22	1035.36
0.000	1975.00	2025.00	1740.68	2025.00	264.32
14.000	4602.00	4659.00	4299.06	4959.52	660.46
14.000	4602.00	4659.00	4592.32	4791.27	198.95
22.600	3252.00	3300.00	2042.87	3889.46	1846.58
22.600	3252.00	3300.00	2759.80	3300.00	540.20
23.650	3248.00	3304.00	2034.62	3901.04	1866.43
23.650	3248.00	3304.00	2716.95	3304.00	587.05
23.670	3262.00	3318.00	3263.74	3314.33	50.54
23.670	3262.00	3318.00	3262.74	3315.93	53.19
23.930	3262.00	3318.00	2678.36	4194.86	1318.63
23.930	3262.00	3318.00	3130.04	3738.96	608.92
23.950	3248.00	3304.00	1945.63	4252.92	2307.29
23.950	3248.00	3304.00	2489.84	3535.50	1045.66
24.300	3252.00	3300.00	1945.27	4255.62	2310.35
24.300	3252.00	3300.00	2487.79	3539.06	1051.28
85.000	2760.00	2800.00	2396.42	4144.19	1747.78
85.000	2760.00	2800.00	2760.00	3434.89	674.89
115.000	3250.00	3300.00	2069.98	3917.92	1847.94
115.000	3250.00	3300.00	2497.25	3527.39	1030.14
142.000	1775.00	1818.00	1284.87	2521.86	1236.99
142.000	1775.00	1818.00	1619.00	2281.43	662.03
143.050	1752.00	2385.00	1752.00	2385.00	633.00
143.050	1752.00	2385.00	1752.00	2385.00	633.00
143.070	1765.00	2386.00	1776.31	2386.05	64.32
143.070	1765.00	2386.00	1773.78	2386.00	71.02
143.330	1765.00	2386.00	1772.48	2386.07	74.58
143.330	1765.00	2386.00	1771.67	2386.00	76.66
143.350	1752.00	2385.00	1752.00	2385.00	633.00
143.350	1752.00	2385.00	1752.00	2385.00	633.00
143.700	1775.00	1818.00	1176.93	2774.65	1597.73
143.700	1775.00	1818.00	1558.74	2370.84	812.10

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MANITOWOC

SECNO	STCHL	STCHR	SSTA	ENDST	TOPWID
168.000	1800.00	1829.00	1268.80	3044.43	1775.63
168.000	1800.00	1829.00	1655.62	2668.20	1012.59
180.000	980.00	1020.00	699.99	1975.03	1275.03
180.000	980.00	1020.00	980.00	1438.40	458.40
193.000	980.00	1020.00	309.10	1781.79	1472.69
193.000	980.00	1020.00	725.44	1303.00	577.56
201.000	950.00	1050.00	265.97	1556.41	1290.44
201.000	950.00	1050.00	769.50	1095.17	325.67
202.820	963.00	1037.00	963.00	1037.00	74.00
202.820	963.00	1037.00	963.00	1037.00	74.00
202.840	1886.00	1960.00	1891.51	1949.03	57.52
202.840	1886.00	1960.00	1890.56	1951.19	60.63
203.160	1886.00	1960.00	1890.56	1951.19	60.63
203.160	1886.00	1960.00	1889.99	1952.48	62.49
203.180	963.00	1037.00	963.00	1037.00	74.00
203.180	963.00	1037.00	963.00	1037.00	74.00
203.500	1900.00	2000.00	1143.58	2581.17	1437.59
203.500	1900.00	2000.00	1561.91	2246.81	684.90
225.000	950.00	1050.00	393.90	1579.71	1185.81
225.000	950.00	1050.00	603.51	1378.79	775.28
275.000	3430.00	4219.00	3368.27	4278.15	909.88
275.000	3430.00	4219.00	3430.00	4219.00	789.00
317.500	2125.00	2175.00	1497.79	2233.52	735.73
317.500	2125.00	2175.00	1926.74	2175.00	248.26
318.830	2125.00	2175.00	2125.00	2175.00	50.00
318.830	2125.00	2175.00	2125.00	2175.00	50.00
319.170	2125.00	2175.00	2125.00	2175.00	50.00
319.170	2125.00	2175.00	2125.00	2175.00	50.00
319.500	2125.00	2175.00	1464.71	2286.82	822.11
319.500	2125.00	2175.00	1824.85	2175.00	350.15
328.000	2100.00	2200.00	1679.30	2780.51	1101.21
328.000	2100.00	2200.00	2006.06	2463.13	457.06
329.480	2131.00	2206.00	2131.00	2206.00	75.00
329.480	2131.00	2206.00	2131.00	2206.00	75.00

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LINE	SECNO	STCHL	STPR	SSTA	ENDST	TOP-10
5	329.500	2131.00	2206.00	2138.82	2195.65	56.84
6	329.500	2131.00	2206.00	2137.28	2197.55	60.27
8	329.700	2131.00	2206.00	2137.27	2197.56	60.29
9	329.700	2131.00	2206.00	2136.41	2198.62	62.20
10	329.720	2131.00	2206.00	2131.00	2206.00	75.00
11	329.720	2131.00	2206.00	2131.00	2206.00	75.00
12	330.100	2100.00	2200.00	1607.30	2822.02	1214.72
13	330.100	2100.00	2200.00	1922.38	2551.18	628.80
14	365.000	2950.00	3050.00	2706.63	3122.49	415.86
15	365.000	2950.00	3050.00	2950.00	3050.00	100.00
17	407.000	1950.00	2050.00	1711.29	2268.49	557.20
18	407.000	1950.00	2050.00	1933.16	2072.51	139.35
19	439.600	4980.00	5020.00	4623.37	5244.41	621.03
20	438.600	4980.00	5020.00	4897.50	5051.23	153.72
21	439.730	4985.00	5015.00	4610.32	5252.27	641.95
22	439.730	4985.00	5015.00	4881.66	5049.59	167.93
24	* 440.270	3532.00	3565.00	2989.33	3940.09	950.76
25	* 440.270	3532.00	3565.00	3337.19	3626.02	288.84
26	440.600	3532.00	3565.00	2989.27	3940.23	950.96
27	440.600	3532.00	3565.00	3333.70	3631.24	297.55
28	449.500	2638.00	2658.00	2318.60	2921.01	602.41
29	449.500	2638.00	2658.00	2489.91	2782.98	293.07
30	450.330	1658.00	1683.00	1658.00	1683.00	25.00
31	450.330	1658.00	1683.00	1658.00	1683.00	25.00
32	* 450.670	1658.00	1683.00	1658.00	1683.00	25.00
33	450.670	1658.00	1683.00	1658.00	1683.00	25.00
35	451.000	1658.00	1683.00	1080.06	2506.24	1426.19
36	451.000	1658.00	1683.00	1355.44	2163.21	807.77
37	465.000	1975.00	2025.00	1129.15	2433.00	1303.85
38	465.000	1975.00	2025.00	1509.97	2163.53	653.56
39	477.000	1600.00	1700.00	1019.44	2190.61	1171.17
40	477.000	1600.00	1700.00	1382.91	1957.36	574.46
41	505.500	1585.00	1610.00	1211.31	1736.57	525.26
42	505.500	1585.00	1610.00	1410.28	1610.00	199.72

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SECNO	STCHL	STCHR	SSTA	ENDST	TOPWID
506.700	1585.00	1610.00	1205.68	1738.49	532.81
506.700	1585.00	1610.00	1405.17	1610.00	204.83
* 507.090	1585.00	1610.00	1165.74	1755.00	589.26
* 507.090	1585.00	1610.00	1361.22	1619.75	258.53
507.500	1585.00	1610.00	1165.40	1755.15	589.75
507.500	1585.00	1610.00	1361.07	1619.68	258.61
523.000	980.00	1020.00	647.37	1286.39	639.02
523.000	960.00	1020.00	828.61	1107.26	278.65
537.000	2650.00	2737.00	2097.50	2889.69	792.20
537.000	2650.00	2737.00	2457.96	2737.00	279.04
550.000	1980.00	2020.00	1524.03	2412.99	888.96
550.000	1980.00	2020.00	1801.09	2170.17	369.08
576.000	3630.00	3657.00	3485.43	4152.54	667.11
576.000	3630.00	3657.00	3630.00	3929.74	299.74
576.880	3630.00	3657.00	3630.00	4158.00	528.00
576.880	3630.00	3657.00	3630.00	3900.70	270.70
* 577.520	3630.00	3657.00	3630.00	4195.50	565.50
* 577.520	3630.00	3657.00	3630.00	3955.25	325.25
577.900	3630.00	3657.00	3407.06	4196.08	789.02
577.900	3630.00	3657.00	3610.89	4005.93	395.03
603.000	2634.00	2788.00	2602.18	2960.79	356.62
603.000	2634.00	2788.00	2634.00	2788.00	154.00
620.000	6682.00	6710.00	6574.10	7190.29	616.19
620.000	6682.00	6710.00	6682.00	6876.47	194.47
620.780	6690.00	6707.00	6690.00	6707.00	17.00
620.780	6690.00	6707.00	6690.00	6707.00	17.00
620.800	6690.00	6707.00	6689.39	6707.50	18.11
620.800	6690.00	6707.00	6690.00	6707.00	17.00
621.200	6690.00	6707.00	6689.11	6707.86	18.74
621.200	6690.00	6707.00	6690.00	6707.00	17.00
621.220	6690.00	6707.00	6690.00	6707.00	17.00
621.220	6690.00	6707.00	6690.00	6707.00	17.00
621.500	6682.00	6710.00	2655.27	9793.95	7130.93
621.500	6682.00	6710.00	6596.00	6796.00	200.00

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BEAR SWAMP 10

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRJWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	112.10	2110.00	118.63	0.00	118.70	27.05	2.85	2053.01	405.69
0.000	0.00	0.00	0.00	112.10	2110.00	119.65	0.00	119.72	25.62	2.95	1260.67	416.84
14.000	1400.00	0.00	0.00	117.00	2110.00	123.01	0.00	123.12	67.82	3.88	1175.60	256.21
14.000	1400.00	0.00	0.00	117.00	2110.00	123.97	0.00	124.17	65.49	4.38	770.65	260.73
22.600	860.00	0.00	0.00	118.30	2110.00	125.66	0.00	125.69	14.94	2.33	2943.87	545.81
22.600	860.00	0.00	0.00	118.30	2110.00	126.58	0.00	126.62	13.99	2.36	1950.74	564.14
23.650	105.00	0.00	0.00	118.70	2110.00	125.81	0.00	125.83	11.43	2.03	3232.25	624.19
23.650	105.00	0.00	0.00	118.70	2110.00	126.72	0.00	126.75	10.79	2.08	2178.26	642.44
23.670	2.00	127.80	127.80	118.70	2110.00	125.41	0.00	126.46	405.11	0.23	256.35	104.83
23.670	2.00	127.80	127.80	118.70	2110.00	126.45	0.00	127.18	246.92	0.84	308.50	134.28
23.930	26.00	127.80	127.80	118.70	2110.00	127.24	0.00	127.36	120.03	3.50	970.15	192.59
23.930	26.00	127.80	127.80	118.70	2110.00	127.84	0.00	128.01	221.71	3.81	684.47	141.71
23.950	2.00	0.00	0.00	118.70	2110.00	127.40	0.00	127.40	1.80	0.76	6452.94	1572.43
23.950	2.00	0.00	0.00	118.70	2110.00	128.07	0.00	128.07	2.10	0.86	4777.45	1454.61
24.300	35.00	0.00	0.00	118.30	2110.00	127.41	0.00	127.41	1.82	0.77	6453.13	1562.23
24.300	35.00	0.00	0.00	118.30	2110.00	128.08	0.00	128.08	2.14	0.88	4786.06	1443.96
85.000	6070.00	0.00	0.00	124.00	2110.00	130.04	0.00	130.05	26.53	1.52	2562.10	409.68
85.000	6070.00	0.00	0.00	124.00	2110.00	130.95	0.00	130.97	26.79	1.75	1796.91	407.67
115.000	3000.00	0.00	0.00	126.50	2110.00	132.83	0.00	132.84	4.97	0.75	4683.28	946.84
115.000	3000.00	0.00	0.00	126.50	2110.00	133.79	0.00	133.79	4.75	0.86	3817.46	968.08
142.000	2700.00	0.00	0.00	126.90	1930.00	134.69	0.00	134.71	13.80	1.81	2313.40	315.60
142.000	2700.00	0.00	0.00	126.90	1930.00	135.60	0.00	135.63	13.73	1.97	2000.95	520.91
143.050	105.00	0.00	0.00	127.00	1930.00	134.93	0.00	134.98	50.63	1.62	1193.90	271.24
143.050	105.00	0.00	0.00	127.00	1930.00	135.78	0.00	135.80	20.11	1.11	1731.93	430.39
143.070	2.00	138.40	139.20	127.10	1930.00	134.58	0.00	135.57	496.68	6.01	241.08	86.60
143.070	2.00	138.40	139.20	127.10	1930.00	135.55	0.00	136.18	271.52	6.33	304.98	117.13
143.330	26.00	138.40	139.20	127.10	1930.00	136.06	0.00	136.56	204.04	5.67	340.65	135.11
143.330	26.00	138.40	139.20	127.10	1930.00	136.37	0.00	136.81	172.81	5.31	363.47	146.81
143.350	2.00	0.00	0.00	127.00	1930.00	136.75	0.00	136.76	8.01	0.82	2341.52	681.79
143.350	2.00	0.00	0.00	127.00	1930.00	136.97	0.00	136.98	6.80	0.78	2483.09	740.00
143.700	35.00	0.00	0.00	126.90	1930.00	136.77	0.00	136.77	1.71	0.77	5330.95	1476.65
143.700	35.00	0.00	0.00	126.90	1930.00	136.99	0.00	137.00	2.79	1.00	3674.25	1155.48



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
168.000	2430.00	0.00	0.00	132.00	1930.00	137.37	0.00	137.38	4.38	0.73	4708.39	921.78
168.000	2430.00	0.00	0.00	132.00	1930.00	137.95	0.00	137.96	6.53	0.98	3358.96	755.05
180.000	1200.00	0.00	0.00	132.70	1930.00	138.25	0.00	138.27	17.10	1.64	2589.36	466.74
180.000	1200.00	0.00	0.00	132.70	1930.00	139.15	0.00	139.17	19.33	1.85	1720.68	438.99
193.000	1300.00	0.00	0.00	133.50	1930.00	139.65	0.00	139.66	7.88	1.20	3498.51	687.49
193.000	1300.00	0.00	0.00	133.50	1930.00	140.64	0.00	140.65	7.96	1.36	2478.37	684.17
201.000	800.00	0.00	0.00	134.00	1930.00	140.80	0.00	140.84	38.78	2.21	1891.63	309.92
201.000	800.00	0.00	0.00	134.00	1930.00	141.79	0.00	141.86	39.51	2.60	1070.28	307.04
202.820	182.00	0.00	0.00	134.20	1930.00	141.90	0.00	142.37	176.41	5.51	350.52	145.31
202.820	182.00	0.00	0.00	134.20	1930.00	142.79	0.00	143.13	112.68	4.63	416.69	181.81
202.840	2.00	146.60	146.60	134.20	1930.00	141.82	0.00	142.59	241.80	7.03	274.58	124.12
202.840	2.00	146.60	146.60	134.20	1930.00	142.74	0.00	143.28	148.47	5.90	327.30	158.39
203.150	32.00	146.60	146.60	134.20	1930.00	142.74	0.00	143.28	148.37	5.90	327.38	158.45
203.160	32.00	146.60	146.60	134.20	1930.00	143.28	0.00	143.73	114.07	5.36	360.14	180.71
203.180	2.00	0.00	0.00	134.20	1930.00	143.10	0.00	143.40	83.27	4.40	439.06	211.50
203.180	2.00	0.00	0.00	134.20	1930.00	143.57	0.00	143.82	75.21	4.07	473.93	222.55
203.500	32.00	0.00	0.00	134.00	1930.00	143.52	0.00	143.53	1.18	0.66	5702.75	1773.58
203.500	32.00	0.00	0.00	134.00	1930.00	143.94	0.00	143.94	1.59	0.79	4083.89	1529.98
225.000	2150.00	0.00	0.00	138.50	1375.00	143.82	0.00	143.83	1.79	0.51	4170.01	1029.12
225.000	2150.00	0.00	0.00	138.50	1375.00	144.32	0.00	144.32	2.07	0.59	3388.37	954.84
275.000	5000.00	0.00	0.00	141.00	1375.00	145.08	0.00	145.09	3.81	0.58	2455.89	704.11
275.000	5000.00	0.00	0.00	141.00	1375.00	145.49	0.00	145.50	2.67	0.53	2582.39	840.95
317.500	4250.00	0.00	0.00	143.00	1375.00	148.89	0.00	148.95	44.35	2.77	1088.48	206.47
317.500	4250.00	0.00	0.00	143.00	1375.00	148.76	0.00	148.95	109.57	4.08	539.62	131.36
318.830	133.00	0.00	0.00	143.00	1375.00	149.66	0.00	150.06	119.93	5.03	273.20	125.56
318.830	133.00	0.00	0.00	143.00	1375.00	150.12	0.00	150.45	104.05	4.65	295.96	134.80
319.170	34.00	152.30	151.00	143.00	1375.00	149.69	0.00	150.08	117.93	5.01	274.58	126.62
319.170	34.00	152.30	151.00	143.00	1375.00	150.69	0.00	150.97	67.57	4.24	324.58	167.33
319.500	33.00	0.00	0.00	143.00	1375.00	150.28	0.00	150.29	7.38	1.34	2180.95	506.09
319.500	33.00	0.00	0.00	143.00	1375.00	151.12	0.00	151.14	8.73	1.48	1532.84	465.32
328.000	850.00	0.00	0.00	144.20	1375.00	150.63	0.00	150.64	3.32	0.79	3113.27	754.33
328.000	850.00	0.00	0.00	144.20	1375.00	151.53	0.00	151.53	3.58	0.91	2224.32	727.13
329.480	148.00	0.00	0.00	145.00	1375.00	150.67	0.00	150.94	112.91	4.21	326.83	129.40
329.480	148.00	0.00	0.00	145.00	1375.00	151.59	0.00	151.78	64.21	3.47	396.03	171.59

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SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	IDK*5	VCH	AREA	.OTK
329.500	2.00	157.90	157.90	145.00	1375.00	150.55	0.00	151.22	424.29	6.57	209.33	66.75
329.500	2.00	157.90	157.90	145.00	1375.00	151.52	0.00	151.95	243.81	5.27	261.04	88.06
329.700	20.00	157.90	157.90	145.00	1375.00	151.52	0.00	151.95	243.09	5.26	261.35	88.19
329.700	20.00	157.90	157.90	145.00	1375.00	152.06	0.00	152.40	184.95	4.72	291.56	101.10
329.720	2.00	0.00	0.00	145.00	1375.00	151.90	0.00	152.07	49.13	3.28	419.51	196.17
329.720	2.00	0.00	0.00	145.00	1375.00	152.36	0.00	152.50	41.40	3.03	453.52	213.71
330.100	38.00	0.00	0.00	145.10	1375.00	152.15	0.00	152.15	0.97	0.49	4822.01	1395.09
330.100	38.00	0.00	0.00	145.10	1375.00	152.57	0.00	152.57	1.34	0.60	3476.71	1187.43
365.000	3490.00	0.00	0.00	146.00	1375.00	153.08	0.00	153.17	45.90	2.66	759.23	202.95
365.000	3490.00	0.00	0.00	146.00	1375.00	153.79	0.00	153.90	42.26	2.73	503.79	211.50
407.000	4200.00	0.00	0.00	149.00	1375.00	158.70	0.00	158.72	6.16	1.37	1570.65	553.89
407.000	4200.00	0.00	0.00	149.00	1375.00	159.56	0.00	159.59	6.57	1.53	1008.92	536.39
438.600	3160.00	0.00	0.00	152.00	1020.00	161.07	0.00	161.09	10.18	1.67	1256.58	319.67
438.600	3160.00	0.00	0.00	152.00	1020.00	162.05	0.00	162.08	10.44	1.85	822.79	315.70
439.730	113.00	0.00	0.00	152.00	1020.00	161.16	0.00	161.17	5.08	1.51	1263.04	452.65
439.730	113.00	0.00	0.00	152.00	1020.00	162.14	0.00	162.17	5.17	1.66	867.22	448.78
* 440.270	54.00	159.50	158.00	152.50	1020.00	161.22	0.00	161.22	3.10	1.13	1837.43	579.51
* 440.270	54.00	999999.00	0.00	152.50	1020.00	162.20	0.00	162.21	3.14	1.24	1238.98	576.04
440.600	33.00	0.00	0.00	152.50	1020.00	161.23	0.00	161.24	7.26	1.38	1842.94	378.49
440.600	33.00	0.00	0.00	152.50	1020.00	162.21	0.00	162.23	6.87	1.47	1268.95	389.25
449.500	890.00	0.00	0.00	154.60	1020.00	161.91	0.00	161.92	8.45	1.29	1613.03	350.94
449.500	890.00	0.00	0.00	154.60	1020.00	162.87	0.00	162.88	8.16	1.41	1284.90	357.04
450.330	83.00	0.00	0.00	154.30	1020.00	161.76	0.00	162.59	130.54	7.34	138.90	89.28
450.350	83.00	0.00	0.00	154.30	1020.00	162.81	0.00	163.40	110.61	6.18	165.13	96.99
* 450.670	34.00	170.20	159.10	154.30	1020.00	169.38	0.00	169.52	7.34	3.10	329.34	376.37
450.670	34.00	999999.00	0.00	154.30	1020.00	170.42	0.00	170.55	13.75	2.87	355.60	275.08
451.000	33.00	0.00	0.00	154.30	1020.00	169.58	0.00	169.58	0.07	0.21	9367.75	3941.24
451.000	33.00	0.00	0.00	154.30	1020.00	170.60	0.00	170.60	0.06	0.22	8252.24	4017.67
465.000	1400.00	0.00	0.00	156.40	1020.00	169.60	0.00	169.60	0.11	0.24	7827.78	3121.87
465.000	1400.00	0.00	0.00	156.40	1020.00	170.61	0.00	170.61	0.10	0.25	6578.21	3183.03
477.000	1200.00	0.00	0.00	158.10	1020.00	169.61	0.00	169.61	0.13	0.26	6571.95	2798.90
477.000	1200.00	0.00	0.00	158.10	1020.00	170.63	0.00	170.63	0.13	0.27	5658.54	2853.97
505.500	2850.00	0.00	0.00	163.90	1020.00	169.72	0.00	169.73	14.89	1.53	1251.22	264.36
505.500	2850.00	0.00	0.00	163.90	1020.00	170.73	0.00	170.75	14.32	1.56	930.55	269.56

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
506.700	120.00	0.00	0.00	162.60	1020.00	169.81	0.00	169.82	4.61	1.50	1309.93	474.85
506.700	120.00	0.00	0.00	162.60	1020.00	170.82	0.00	170.84	4.45	1.52	980.06	483.45
* 507.090	39.00	169.40	166.00	162.70	1020.00	170.58	0.00	170.59	2.10	1.11	1744.84	704.57
* 507.090	39.00	999999.00	0.00	162.70	1020.00	171.59	0.00	171.60	1.98	1.20	1364.71	724.62
507.500	41.00	0.00	0.00	163.90	1020.00	170.59	0.00	170.60	5.97	1.09	1738.71	417.44
507.500	41.00	0.00	0.00	163.90	1020.00	171.60	0.00	171.61	5.66	1.19	1357.29	428.88
523.000	1550.00	0.00	0.00	166.50	1020.00	171.89	0.00	171.90	13.41	1.39	1433.65	278.49
523.000	1550.00	0.00	0.00	166.50	1020.00	172.83	0.00	172.85	12.94	1.57	1058.40	283.56
537.000	1400.00	0.00	0.00	169.00	1020.00	173.64	0.00	173.65	11.14	1.17	1549.75	305.60
537.000	1400.00	0.00	0.00	169.00	1020.00	174.56	0.00	174.58	11.29	1.33	1047.55	303.52
550.000	1300.00	0.00	0.00	170.40	690.00	174.81	0.00	174.81	6.23	0.83	1656.76	276.35
550.000	1300.00	0.00	0.00	170.40	690.00	175.74	0.00	175.75	6.04	0.96	1195.64	280.71
576.000	2600.00	0.00	0.00	173.20	690.00	177.62	0.00	177.64	26.23	1.63	931.74	134.74
576.000	2600.00	0.00	0.00	173.20	690.00	178.54	0.00	178.56	27.01	1.82	686.82	132.77
576.880	88.00	0.00	0.00	172.40	690.00	177.77	0.00	177.78	11.22	1.44	833.25	205.96
576.880	88.00	0.00	0.00	172.40	690.00	178.68	0.00	178.70	11.01	1.65	652.38	207.94
* 577.520	64.00	178.00	177.60	172.60	690.00	178.77	0.00	178.78	2.43	0.78	1384.98	442.39
* 577.520	64.00	999999.00	0.00	172.60	690.00	179.69	0.00	179.70	2.48	0.81	1138.59	438.09
577.900	38.00	0.00	0.00	173.20	690.00	178.79	0.00	178.79	3.98	0.71	1787.61	345.89
577.900	38.00	0.00	0.00	173.20	690.00	179.70	0.00	179.71	3.97	0.80	1418.24	346.19
603.000	2510.00	0.00	0.00	176.20	690.00	180.69	0.00	180.71	18.41	1.22	708.81	160.79
603.000	2510.00	0.00	0.00	176.20	690.00	181.42	0.00	181.44	13.49	1.18	582.89	187.88
620.000	1700.00	0.00	0.00	177.00	690.00	183.75	0.00	183.77	20.34	1.48	967.96	153.00
620.000	1700.00	0.00	0.00	177.00	690.00	184.39	0.00	184.41	27.12	1.82	583.46	132.50
620.780	76.00	0.00	0.00	178.40	690.00	183.55	0.00	184.90	691.71	9.33	73.98	26.24
620.780	76.00	0.00	0.00	178.40	690.00	184.53	0.00	185.43	617.72	7.64	90.34	27.76
620.800	2.00	186.20	186.20	178.40	690.00	183.51	0.00	185.10	286.22	10.11	68.25	40.79
620.800	2.00	186.20	186.20	178.40	690.00	184.51	0.00	185.56	164.98	8.19	84.24	53.72
621.200	40.00	186.20	186.20	178.40	690.00	185.42	0.00	186.27	197.52	7.37	93.60	49.10
621.200	40.00	186.20	186.20	178.40	690.00	185.49	0.00	186.34	197.54	7.37	93.60	49.09
621.220	2.00	0.00	0.00	178.40	690.00	185.78	0.00	186.37	116.46	6.16	111.93	63.94
621.220	2.00	0.00	0.00	178.40	690.00	185.88	0.00	186.45	156.09	6.07	113.60	55.23
621.500	28.00	0.00	0.00	177.00	690.00	186.55	0.00	186.55	0.09	0.17	12545.31	2281.59
621.500	28.00	0.00	0.00	177.00	690.00	186.65	0.00	186.66	4.97	1.22	941.16	309.45



BEAR SWAMP 10  
SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	2110.00	118.65	0.00	0.00	-0.35	1035.36	0.00
0.000	2110.00	119.65	1.00	0.00	1.00	284.32	0.00
14.000	2110.00	123.01	0.00	4.36	0.00	660.46	1400.00
14.000	2110.00	123.97	0.96	4.32	0.96	198.95	1400.00
22.600	2110.00	125.66	0.00	2.66	0.00	1846.58	860.00
22.600	2110.00	126.58	0.92	2.61	0.92	540.20	860.00
23.650	2110.00	125.81	0.00	0.15	0.00	1866.43	105.00
23.650	2110.00	126.72	0.91	0.14	0.91	587.05	105.00
23.670	2110.00	125.41	0.00	-0.40	0.00	50.59	2.00
23.670	2110.00	126.45	1.04	-0.27	1.04	53.19	2.00
23.930	2110.00	127.24	0.00	1.83	0.00	1318.63	26.00
23.930	2110.00	127.84	0.60	1.39	0.60	608.92	26.00
23.950	2110.00	127.40	0.00	0.16	0.00	2307.29	2.00
23.950	2110.00	128.07	0.67	0.23	0.67	1045.66	2.00
24.300	2110.00	127.41	0.00	0.01	0.00	2310.35	35.00
24.300	2110.00	128.08	0.67	0.01	0.67	1051.28	35.00
85.000	2110.00	130.04	0.00	2.64	0.00	1747.78	6070.00
85.000	2110.00	130.95	0.90	2.87	0.90	674.89	6070.00
115.000	2110.00	132.83	0.00	2.79	0.00	1847.94	3000.00
115.000	2110.00	133.79	0.96	2.84	0.96	1030.14	3000.00
142.000	1930.00	134.69	0.00	1.86	0.00	1236.99	2700.00
142.000	1930.00	135.60	0.91	1.81	0.91	662.43	2700.00
143.050	1930.00	134.93	0.00	0.24	0.00	633.00	105.00
143.050	1930.00	135.78	0.85	0.18	0.85	633.00	105.00
143.070	1930.00	134.58	0.00	-0.36	0.00	64.32	2.00
143.070	1930.00	135.55	0.98	-0.23	0.98	71.02	2.00
143.330	1930.00	136.06	0.00	1.48	0.00	74.58	26.00
143.330	1930.00	136.37	0.31	0.61	0.31	75.66	26.00
143.350	1930.00	136.75	0.00	0.69	0.00	633.00	2.00
143.350	1930.00	136.97	0.22	0.66	0.22	633.00	2.00
143.700	1930.00	136.77	0.00	0.02	0.00	1597.73	35.00
143.700	1930.00	136.99	0.22	0.02	0.22	812.10	35.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFWSS	TOPWID	XLCH
168.000	1930.00	137.37	0.00	0.60	0.00	1775.63	2430.00
168.000	1930.00	137.95	0.58	0.96	0.58	1012.59	2430.00
180.000	1930.00	138.25	0.00	0.88	0.00	1275.07	1200.00
180.000	1930.00	139.15	0.89	1.20	0.89	458.40	1200.00
193.000	1930.00	139.65	0.00	1.40	0.00	1472.69	1300.00
193.000	1930.00	140.64	0.99	1.49	0.99	577.56	1300.00
201.000	1930.00	140.80	0.00	1.15	0.00	1290.44	800.00
201.000	1930.00	141.79	0.99	1.15	0.99	325.67	800.00
202.820	1930.00	141.90	0.00	1.10	0.00	74.00	182.00
202.820	1930.00	142.79	0.90	1.01	0.90	74.00	182.00
202.840	1930.00	141.82	0.00	-0.08	0.00	57.52	2.00
202.840	1930.00	142.74	0.92	-0.06	0.92	60.63	2.00
203.160	1930.00	142.74	0.00	0.92	0.00	60.63	32.00
203.160	1930.00	143.28	0.55	0.55	0.55	62.49	32.00
203.180	1930.00	143.10	0.00	0.36	0.00	74.00	2.00
203.180	1930.00	143.57	0.47	0.28	0.47	74.00	2.00
203.500	1930.00	143.52	0.00	0.43	0.00	1437.59	32.00
203.500	1930.00	143.94	0.41	0.37	0.41	684.90	32.00
225.000	1375.00	143.82	0.00	0.30	0.00	1185.81	2150.00
225.000	1375.00	144.32	0.50	0.39	0.50	775.28	2150.00
275.000	1375.00	145.08	0.00	1.26	0.00	909.88	5000.00
275.000	1375.00	145.49	0.41	1.17	0.41	789.00	5000.00
317.500	1375.00	148.89	0.00	3.81	0.00	735.73	4250.00
317.500	1375.00	148.76	-0.13	3.27	-0.13	248.26	4250.00
318.830	1375.00	149.66	0.00	0.77	0.00	50.00	133.00
318.830	1375.00	150.12	0.45	1.35	0.45	50.00	133.00
319.170	1375.00	149.69	0.00	0.03	0.00	50.00	34.00
319.170	1375.00	150.69	1.00	0.57	1.00	50.00	34.00
319.500	1375.00	150.28	0.00	0.59	0.00	822.11	33.00
319.500	1375.00	151.12	0.84	0.43	0.84	350.15	33.00
328.000	1375.00	150.63	0.00	0.35	0.00	1101.21	850.00
328.000	1375.00	151.53	0.89	0.41	0.89	457.08	850.00
329.480	1375.00	150.67	0.00	0.04	0.00	75.00	148.00
329.480	1375.00	151.59	0.92	0.07	0.92	75.00	148.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
329.500	1375.00	150.55	0.00	-0.12	0.00	56.84	2.00
329.500	1375.00	151.52	0.97	-0.08	0.97	60.27	2.00
329.700	1375.00	151.52	0.00	0.97	0.00	60.29	20.00
329.700	1375.00	152.06	0.54	0.54	0.54	62.20	20.00
329.720	1375.00	151.90	0.00	0.39	0.00	75.00	2.00
329.720	1375.00	152.36	0.45	0.30	0.45	75.00	2.00
330.100	1375.00	152.15	0.00	0.24	0.00	1214.72	30.00
330.100	1375.00	152.57	0.42	0.21	0.42	628.80	38.00
365.000	1375.00	153.08	0.00	0.93	0.00	415.86	3490.00
365.000	1375.00	153.79	0.71	1.22	0.71	100.00	3490.00
407.000	1375.00	158.70	0.00	5.62	0.00	557.20	4200.00
407.000	1375.00	159.56	0.86	5.77	0.86	139.35	4200.00
438.600	1020.00	161.07	0.00	2.37	0.00	621.03	3160.00
438.600	1020.00	162.05	0.98	2.49	0.98	153.72	3160.00
439.730	1020.00	161.16	0.00	0.09	0.00	641.95	113.00
439.730	1020.00	162.14	0.99	0.09	0.99	167.93	113.00
440.270	1020.00	161.22	0.00	0.06	0.00	950.76	54.00
440.270	1020.00	162.20	0.99	0.06	0.99	288.84	54.00
440.600	1020.00	161.23	0.00	0.01	0.00	950.96	33.00
440.600	1020.00	162.21	0.98	0.01	0.98	297.55	33.00
449.500	1020.00	161.91	0.00	0.68	0.00	602.41	890.00
449.500	1020.00	162.87	0.96	0.66	0.96	293.07	890.00
450.330	1020.00	161.76	0.00	-0.15	0.00	25.00	83.00
450.330	1020.00	162.81	1.05	-0.06	1.05	25.00	83.00
450.670	1020.00	169.38	0.00	7.62	0.00	25.00	34.00
450.670	1020.00	170.42	1.05	7.62	1.05	25.00	34.00
451.000	1020.00	169.58	0.00	0.21	0.00	1426.19	33.00
451.000	1020.00	170.60	1.02	0.18	1.02	807.77	33.00
465.000	1020.00	169.60	0.00	0.01	0.00	1303.85	1400.00
465.000	1020.00	170.61	1.02	0.01	1.02	653.56	1400.00
477.000	1020.00	169.61	0.00	0.01	0.00	1171.17	1200.00
477.000	1020.00	170.63	1.02	0.01	1.02	574.46	1200.00
505.500	1020.00	169.72	0.00	0.11	0.00	525.26	2850.00
505.500	1020.00	170.73	1.01	0.10	1.01	199.72	2850.00

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SECNO	U	CWSEL	DIFWSP	DIFWSX	DIFKWS	TUPWID	ALCH
506.700	1020.00	169.81	0.00	0.09	0.00	532.81	120.00
506.700	1020.00	170.82	1.01	0.09	1.01	204.83	120.00
* 507.090	1020.00	170.58	0.00	0.77	0.00	589.26	39.00
* 507.090	1020.00	171.59	1.01	0.77	1.01	258.53	39.00
507.500	1020.00	170.59	0.00	0.01	0.00	589.75	41.00
507.500	1020.00	171.60	1.01	0.01	1.01	258.61	41.00
523.000	1020.00	171.89	0.00	1.29	0.00	639.02	1550.00
523.000	1020.00	172.83	0.95	1.24	0.95	278.65	1550.00
537.000	1020.00	173.64	0.00	1.75	0.00	792.20	1400.00
537.000	1020.00	174.56	0.93	1.73	0.93	279.04	1400.00
550.000	690.00	174.81	0.00	1.17	0.00	888.96	1300.00
550.000	690.00	175.74	0.93	1.18	0.93	369.08	1300.00
576.000	690.00	177.62	0.00	2.82	0.00	667.11	2600.00
576.000	690.00	178.54	0.91	2.80	0.91	299.74	2600.00
576.880	690.00	177.77	0.00	0.14	0.00	528.00	88.00
576.880	690.00	178.68	0.92	0.15	0.92	270.70	88.00
* 577.520	690.00	178.77	0.00	1.01	0.00	565.50	64.00
* 577.520	690.00	179.69	0.92	1.01	0.92	325.25	64.00
577.900	690.00	178.79	0.00	0.01	0.00	789.02	38.00
577.900	690.00	179.70	0.92	0.01	0.92	395.03	38.00
603.000	690.00	180.69	0.00	1.90	0.00	358.62	2510.00
603.000	690.00	181.42	0.73	1.71	0.73	154.00	2510.00
620.000	690.00	183.75	0.00	3.07	0.00	611.19	1700.00
620.000	690.00	184.39	0.63	2.97	0.63	194.77	1700.00
620.780	690.00	183.55	0.00	-0.21	0.00	17.00	78.00
620.780	690.00	184.53	0.98	0.14	0.98	17.00	78.00
620.800	690.00	183.51	0.00	-0.03	0.00	18.11	2.00
620.800	690.00	184.51	1.00	-0.01	1.00	17.00	2.00
621.200	690.00	185.42	0.00	1.91	0.00	18.74	40.00
621.200	690.00	185.49	0.07	0.98	0.07	17.00	40.00
621.220	690.00	185.78	0.00	0.36	0.00	17.00	2.00
621.220	690.00	185.88	0.10	0.39	0.10	17.00	2.00
621.500	690.00	186.55	0.00	0.77	0.00	7130.93	28.00
621.500	690.00	186.65	0.10	0.77	0.10	200.00	28.00

FLOODWAY DATA, BEAR SWAMP 10  
 PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
0.000	284.	1261.	1.7	119.6	118.6	1.0
A-14.000	199.	771.	2.7	124.0	123.0	1.0
22.600	540.	1951.	1.1	126.6	125.7	0.9
23.650	587.	2178.	1.0	126.7	125.8	0.9
23.670	53.	309.	6.8	126.4	125.4	1.0
23.930	608.	684.	3.1	127.8	127.2	0.6
23.950	1046.	4777.	0.4	128.1	127.4	0.7
C-24.300	1051.	4786.	0.4	128.1	127.4	0.7
D-85.000	675.	1797.	1.2	130.9	130.0	0.9
E-135.000	1030.	3817.	0.6	133.8	132.8	1.0
F-142.000	662.	2001.	1.0	135.6	134.7	0.9
143.050	633.	1732.	1.1	135.7	134.9	0.8
143.070	612.	305.	6.3	135.6	134.6	1.0
143.330	614.	363.	5.3	136.4	136.1	0.3
143.350	633.	2483.	0.8	136.9	136.7	0.2
G-143.700	812.	3674.	0.5	137.0	136.8	0.2
H-168.000	1013.	3354.	0.6	138.0	137.4	0.6
180.000	458.	1721.	1.1	139.2	138.3	0.9
I-193.000	578.	2478.	0.8	140.7	139.7	1.0
J-201.000	326.	1070.	1.8	141.8	140.8	1.0
202.820	74.	417.	4.6	142.8	141.9	0.9
202.840	61.	327.	5.9	142.7	141.8	0.9
203.160	62.	360.	5.4	143.2	142.7	0.5
203.180	74.	474.	4.1	143.6	143.1	0.5
K-203.500	685.	584.	0.5	143.9	143.5	0.4
225.000	775.	3388.	0.4	144.3	143.8	0.5
L-275.000	789.	2582.	0.5	145.5	145.1	0.4
M-317.500	248.	540.	2.5	148.9	148.9	0.0
318.830	50.	296.	4.6	150.2	149.7	0.5
319.170	50.	325.	4.2	150.7	149.7	1.0
N-319.500	350.	1533.	0.9	151.1	150.3	0.8
O-328.000	457.	2224.	0.6	151.5	150.6	0.9
329.480	75.	396.	3.5	151.6	150.7	0.9
329.500	60.	261.	5.3	151.6	150.6	1.0
329.700	62.	292.	4.7	152.0	151.5	0.5
329.720	75.	454.	3.0	152.4	151.9	0.5
P-330.100	629.	3477.	0.4	152.5	152.1	0.4
365.000	100.	504.	2.7	153.8	153.1	0.7
407.000	139.	1009.	1.4	159.6	158.7	0.9
438.600	154.	823.	1.2	162.1	161.1	1.0
439.730	168.	867.	1.2	162.2	161.2	1.0
440.270	289.	1234.	0.8	162.2	161.2	1.0

FLOODWAY DATA, BEAR SWAMP 10  
 PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	ELEVATION DIFFERENCE
T-440.600	298.	1269.	0.8	162.2	161.2	1.0
U-449.500	293.	1285.	0.8	162.9	161.9	1.0
450.330	25.	165.	6.2	162.8	161.8	1.0
450.670	25.	356.	2.9	170.4	169.4	1.0
V-451.000	808.	8252.	0.1	170.6	169.6	1.0
465.000	654.	6578.	0.2	170.6	169.6	1.0
VI-477.000	574.	5659.	0.2	170.6	169.6	1.0
X-505.500	200.	931.	1.1	170.7	169.7	1.0
506.700	205.	980.	1.0	170.8	169.8	1.0
507.090	259.	1365.	0.7	171.6	170.6	1.0
Y-507.500	259.	1357.	0.8	171.6	170.6	1.0
523.000	279.	1058.	1.0	172.8	171.9	0.9
Z-537.000	279.	1048.	1.0	174.5	173.6	0.9
550.000	369.	1196.	0.6	175.7	174.8	0.9
AA-576.000	300.	687.	1.0	178.5	177.6	0.9
576.880	271.	652.	1.1	178.7	177.8	0.9
577.520	325.	1139.	0.6	179.7	178.8	0.9
577.900	395.	1418.	0.5	179.7	178.8	0.9
AC-603.000	154.	583.	1.2	181.4	180.7	0.7
AD-620.000	194.	583.	1.2	184.4	183.8	0.6
620.780	17.	90.	7.6	184.5	183.5	1.0
620.800	17.	84.	8.2	184.5	183.5	1.0
621.200	17.	94.	7.4	185.5	185.4	0.1
621.220	17.	114.	6.1	185.9	185.8	0.1
AE-621.500	200.	941.	0.7	186.7	186.6	0.1