

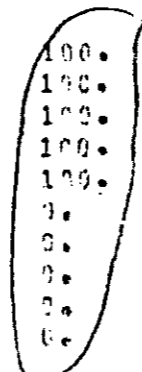
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HEC2 VERSION UPDATED JAN 1975  
ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
MODIFICATIONS 52,53,54,55,56,57,58  
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JENKINS SWAMP

C 8.3 RT BANK STOPS AT STA 400  
 C 8.3 PROBLEMS WITH X3 CARDS U/S HIGHER THAN D/S

T1 JENKINS SWAMP GEOMETRY-ON SLOW COUNTY, NORTH CAROLINA  
 T2 JENKINS SWAMP FROM CONFLUENCE WITH NEW RIVER UPSTREAM  
 T3 FOUR FLOODS  
 T3 FLOODWAY

J1	1.	1.	9.	9.	6.	100.	0.	8.	0.
J1	2.	1.	9.	9.	7.	100.	0.	10.	0.
J1	3.	0.	7.	9.	9.	100.	0.	12.	0.
J1	4.	1.	1.	9.	0.	100.	0.	14.	0.
J1	5.	0.	1.	0.	0.	100.	0.	10.	0.
J21.	1.	5.	5.	100.	5.	9.			
J22.	1.	1.	9.	9.	9.	9.			
J23.	0.	0.	0.	1.	2.	9.			
J24.	0.	0.	1.	5.	1.	9.			
J215.	1.	0.	1.	0.	0.	0.			
J3	110	150	201						
J3	110	150	201						
J3	110	156	201						
J3	110	150	201						
J3	110	150	200						
X11.	28.	1980.	2000.	0	0	0			
GR26.5	1000.	25.6	1100.	23.1	1200.	22.9	1300.	23.4	1400.
GR24.2	1500.	28.	1500.	25.8	1600.	24.6	1700.	22.9	1800.
GR26.6	1872.	10.9	1910.	15.	1941.	13.7	1980.	9.8	1984.
GR8.7	1999.	9.4	1994.	13.3	2000.	12.4	2100.	12.7	2149.
GR17.6	2200.	21.8	2210.	19.1	2225.	21.8	2249.	15.2	2271.
GR24.2	2282.	24.5	2300.	25.	2400.				
X12.	21.	1980.	2000.	1500	2000	2373			
GR27.2	1550.	26.5	1600.	25.4	1700.	24.2	1800.	23.3	1900.
SP22.8	1980.	15.2	1985.	14.3	1990.	15.2	1996.	20.7	2000.
GR21.6	2100.	21.	2200.	22.4	2218.	22.8	2228.	26.2	2236.
GR26.6	2252.	25.7	2267.	22.8	2274.	25.4	2282.	25.3	2300.
GR26.4	2400.	30.	3000.						
X13.	0.	0.	0.	2500	2900	3200			
X14.1	17.	1999.75	2001.25	2400	3100	2850			
GR30.7	1800.	30.9	1700.	30.6	1800.	30.6	1900.	30.7	1998.75
GR26.65	1999.75	25.9	1999.	25.5	1999.5	25.4	2000.	25.5	2000.5
GR25.9	2001.	26.65	2001.25	30.7	2001.25	30.9	2100.	31.1	2200.
GR31.3	2300.	31.6	2400.						
X14.2	0.	0.	0.	1.	1.	1.			
X310.							0.	0.	
S5	1.56	2.9		1.4		4.9	4.55	25.5	25.4
X14.3	0.	0.	0.	15.	15.	15.			
X2	1.	27.9	30.7						
X310.							0.	0.	
BT11.	1900.	30.7	30.7	1998.75	30.7	30.7	1998.75	30.7	26.65
BT1999.	30.7	27.4	1999.5	30.7	27.8	2000.	30.7	27.9	2000.5
BT30.7	27.8	2001.	30.7	27.4	2001.25	30.7	26.65	2001.25	30.7
BT30.7	2100.	30.9	30.9						
X14.4	0.	0.	0.	1.	1.	1.			
X15.1	14.	1990.	2010.						
GR30.	0.	26.	450.	20.	1200.	20.	1800.	20.5	1970.
GR15.3	1990.	13.7	2000.	15.5	2010.	18.6	2030.	24.6	2060.
GR20.3	2250.	32.8	2850.	40.	3600.	46.	4250.		
X15.2	0.	1265.	1985.	200	200	200			
X310.					26.55	26.55			
GR30.	0.	26.	450.	25.	1200.	26.2	1600.	26.4	1700.
GR26.6	1955.	20.6	1955.	15.5	1965.	13.7	1975.	15.5	1985.
GR17.3	2000.	19.5	2045.	26.6	2045.	26.4	2100.	26.5	2300.
GR27.5	2400.	32.8	2850.	40.	3600.	46.	4250.		



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	X2	0.	0.	0.	31.5	31.5	31.5			
	X310.		1.	24.55	28.5			1.33	28.6	
	BT6.	1700.	26.4	26.4	1955.	26.6	26.6	1955.	28.5	24.5
	BT2045.	25.5	24.5	2045.	26.6	26.6	2300.	26.9	26.9	
5	X15.4	12.			100	100	100			
	GR30.	0.	26.	700.	20.	1600.	20.5	1970.	15.5	1990.
	GR13.7	2000.	15.5	2010.	18.6	2030.	19.7	2200.	26.3	2700.
	GR32.8	3150.	40.	3400.						
6	X16.	28.	1972.	2000.	500	400	600			
	GR31.	0.	30.	1100.	26.25	1480.	20.9	1500.	20.	1550.
	GR20.3	1600.	20.	1700.	19.66	1600.	20.2	1900.	19.8	1972.
	GR17.5	1980.	16.	1988.	17.5	1996.	21.5	2000.	19.66	2100.
	GR19.3	2200.	20.	2300.	20.4	2400.	22.6	2500.	25.80	2550.
	GR26.3	2580.	32.8	2800.	38.	3200.	32.	3420.	25.	3510.
	GR32.	3600.	40.	3700.	46.	4300.				
7	X17.	23.	1950.	2000.	3700	3900	4100			
	GR43.	0.	39.4	500.	32.8	1030.	28.3	1550.	27.6	1600.
	GR27.7	1637.	25.1	1654.	24.2	1700.	22.6	1800.	22.5	1900.
	GR24.	1550.	20.7	1958.	18.6	1976.	20.7	1993.	24.1	2000.
	GR32.4	2043.	26.4	2100.	26.1	2200.	27.9	2300.	31.5	2400.
	GR39.4	2500.	46.	3400.	52.5	4000.				
8	X18.1	15.	2969.	3000.	1150	1500	1800			
	GR43.	400.	39.4	800.	39.4	1100.	32.8	2100.	29.5	2600.
	GR26.3	2880.	25.	2969.	18.5	2978.	18.5	2988.	25.	3000.
	GR26.2	3160.	32.8	3230.	38.4	3300.	40.	3360.	41.	4000.
8	X18.2				120.	100.				
	X310.							29.0	29.0	
8	BT1.2	1.56	2.9		19.5		252.4	1.74	16.5	18.5
	X18.3				21.2	21.2	21.2			
	X2									
	X310.		1.	28.5	32			69.8	29.8	
	BT6.	2100.	29.5	29.5	29.9	29.8	29.5	2969.	29.8	25.
	BT30.	29.9	25.	3000.	29.9	29.9	3230.	32.8	32.8	
8	X18.4				5.	5.				
9	X19.	35.	1985.	2000.	1500	1600	2000			
	GR55.	50.	46.	1200.	39.4	1500.	36.	1600.	37.5	1700.
	GR36.9	16.	36.2	1845.	28.7	1857.	29.9	1861.	31.3	1872.
	GR37.5	1883.	28.5	1889.	27.6	1900.	26.4	1943.	28.	1985.
	GR23.4	199.	22.9	1994.	24.9	1997.	28.	2000.	27.1	2100.
	GR27.5	22.	28.1	2300.	29.	2400.	32.6	2450.	29.4	2600.
	GR52.5	31.	52.5	3530.	41.	3600.	52.5	372.	52.5	4320.
	GR46.	50.	40.	5150.	37.	5155.	40.	5160.	40.	5220.
	GR46.	5400.	52.5	566.	56.	624.				
16	X110.1	22.	955.	1000.	760	700	820			
	GR46.	0.	46.	500.	32.8	600.	36.2	845.	28.7	857.
	GR25.9	841.	30.3	872.	30.5	883.	36.5	889.	30.6	900.
	GR26.4	943.	28.	965.	25.4	990.	22.9	994.	24.6	997.
	GR28.	1.	27.5	1100.	32.6	1230.	39.7	1520.	46.	1735.
	GR52.5	2.	54.	3200.						
10	X111.2	44.	1960.	2000.	80	80	100			
	X310.							33.13	33.13	
	GR55.	0.	52.5	600.	46.	1500.	42.	1600.	39.	1720.
	GR33.7	105.	33.2	1500.	33.2	1960.	30.	1962.	27.5	1968.5
	GR27.4	1505.	27.0	1570.	24.75	1971.	26.25	1972.	26.	1973.
	GR25.5	1974.	25.	1975.	24.6	1976.	24.5	1977.	25.	1977.5
	GR27.	1378.	27.	1981.	25.	1981.5	24.5	1982.	24.50	1983.
	GR24.5	1904.	24.5	1985.	24.5	1986.	24.5	1987.	24.50	1988.
	GR24.5	1989.	25.	1990.	27.	1990.5	27.	1991.	32.	2000.
	GR33.	2004.	34.3	2100.	35.	2200.	26.1	2300.	37.8	2400.
	GR39.4	2560.	46.	2800.	52.5	3100.	17.	4200.		
	SB1.25	1.56	2.9	22 No	10.	10.	109.	1.13	25.21	25.10
10	X111.3	0.	0.	0.	57.	57.				
	X2		1.	32.	34.25					
	X310.							34.25	34.25	

	1968.537.8	27.4	1969.	37.8	29.	1970.	37.8	30.5	1971.
	BT37.8 31.	1972.	37.8	31.5	1973.	37.8	31.8	1974.	37.8
	BT31.8 1975.	37.8	31.5	1976.	37.8	31.	1977.	37.8	30.5
	BT1977.537.8	29.	1978.	37.8	27.	1978.	37.8	37.8	1981.
	BT37.8 37.8	1981.	37.8	27.	1981.5	37.8	29.	1982.	37.8
	BT30.5 1983.	37.8	31.	1984.	37.8	31.5	1985.	37.8	31.8
	BT1986. 37.8	31.8	1987.	37.8	31.5	1988.	37.8	31.	1989.
	BT37.8 30.5	1990.	37.8	29.	1990.5	37.8	27.	1990.5	37.8
	BT37.8 2000.	37.8	37.8	2100.	37.8	37.8			
10	X110.4 15.	960.	1000.	50.	50.	50.			
	GR57. 0.	52.5	550.	46.	680.	39.4	810.	32.8	870.
	GR31. 960.	30.	962.	25.	976.	25.	990.	31.	1000.
	GR32.8 1240.	39.4	1350.	46.	1500.	48.	2740.	52.5	3100.
11	X111. 21.	1986.	2000.	1300	1600	1400			
	GR60. 0.	59.	50.	52.5	790.	46.	1200.	39.	1560.
	GR38. 1600.	37.7	1700.	37.5	1986.	37.2	1988.	36.2	1990.
	GR35.9 1994.	36.2	1998.	37.2	1999.	37.6	2000.	37.7	2075.
	GR39. 2200.	45.8	2350.	49.5	2400.	52.2	2500.	59.	2800.
	GR65.6 3100.								
12	X112.1 25.	964.5	1000.	1900	1000	1200			
	GR70. 0.	65.6	200.	59.	380.	52.5	500.	47.	800.
	GR46.2 900.	45.2	964.5	40.33	964.5	40.2	968.5	38.2	972.5
	GR37.5 981.5	38.1	978.	40.8	984.5	40.8	1000.	45.2	1000.
	GR44.3 1100.	47.9	1200.	49.6	1300.	51.7	1400.	52.5	1500.
	GR59. 1560.	65.6	2250.	70.	2700.				
12	X112.2 0.	0.	0.	100.	100.	100.			
	X310.						45.12	45.12	
	SB1.05 1.56	2.9	✓	13.	2.	115.	.42	37.53	37.53
12	X112.3 0.	0.	0.	22.	22.	22.			
	X2 1.	42.8	47.6						
	X310.						45.18	45.12	
	BT7. 900.	46.2	46.2	964.5	45.2	45.2	964.5	45.2	40.33
	BT1000. 45.2	40.8	1000.	45.2	45.2	1100.	44.3	44.3	1200.
	BT47.9 47.9								
12	X112.4			50.	50.	50.			
13	X113. 18.	900.	993.	3700	3200	3920			
	GR72. 200.	65.6	400.	59.	500.	56.	640.	54.	700.
	GR51. 800.	47.	900.	46.7	980.	42.3	987.	47.6	993.
	GR47.5 1000.	46.8	1100.	53.	1200.	54.5	1300.	55.2	1340.
	GR59. 1400.	65.6	1600.	72.	2000.				
14	X114.1 15.	785.	800.	275	800	500			

GR65.6	0.	59.	400.	56.	500.	54.	600.	53.	700.
GR52.29	785.	44.45	785.	44.65	800.	52.45	800.	54.5	900.
GR56.8	1000.	59.5	1100.	61.	1200.	65.6	1400.	65.6	2000.
X114.2	0.	0.	0.	100.	100.	100.	100.	100.	100.
X310.	1.56	2.9	14.5	14.5	20.	84.	5999.	44.65	44.49
SE1.25	1.	1.	50.7	53.25	20.	20.	53.25	57.25	52.29
X114.3									
X310.									
X12.2									
X310.									
BT15.	600.	54.	54.	700.	53.	53.	785.	52.29	900.
BT75.	52.29	50.69	600.	52.45	50.75	800.	52.45	52.45	52.29
BT56.8	56.5	1000.	59.5	59.5	51.	5.0	50		
X114.4									
X310.									
X117.	18.	431.	450.	50.	150.	15.3	250.	15.8	283.
GR17.1	226.	16.7	50.	15.5	431.	3	435.	10.1	436.
GR4.4	447.	2.7	2.9	2.4	450.	4.9	478.	13.1	550.
GR15.6	650.	14.8	750.	15.	850.				
X12.1									
NC									
X12.2	14.	396.8	403.5						
X310.									
GR20.									
GR9.3	392.8	6.	296.5	6.1	493.2	6.3	407.8	11.2	292.8
GR17.1	5.1	17.4	600.	14.2	700.	18.4	800.	11.2	407.8
X310.									
X12.3	3.1	2.8	6.5	4.1	0.	19.24	4.2	6.7	6.0
X2	1.	1.	9.5	11.2					
X310.									
BT15.	18.	20.	22.	11.0	18.9	18.5	200.	18.	18.
BT30.	16.	16.8	392.5	11.2	8.7	396.5	11.2	6.8	296.97
BT11.6	7.8	4.4	11.2	0.5	401.75	11.2	4.9	40.03	11.2
BT7.6	4.3	11.2	6.5	4.7.8	11.2	6.3	400.	11.2	11.2
BT50.	17.1	17.1	400.	17.8	17.8	700.	38.2	18.2	800.
ET18.4	1.04	0.26	0.1	0.7					
NC									
X12.4	17.	24.	1.0	22.	200.	17.7	200.	10.5	362.
GR21.6	3.4	6.3	190.	6.7	200.	4.8	295.	11.6	400.
GR9.6	4.9	17.5	500.	19.2	516.	21.0	600.	20.2	650.
GR19.4	7.1	0.2.4	4.0						
GR21.6	7.1								
X13.									
X14.1									
NC									
X14.2	1.5	397.2	4.2.8	0.5				4.5	
X310.									
GR21.6	1.0	21.3	110.	20.8	210.	19.5	300.	17.2	397.2
GR12.8	397.6	11.6	398.6	11.4	400.	11.8	401.4	14.2	402.4
GR14.2	402.4	18.2	590.	19.8	500.	19.4	700.	15.3	800.
SB1.	2.8	2.8	4.5	9.	24.6	24.6	11	12.1	12.1
X14.3									
X2									
X310.									
BT15.	0.	21.4	21.4	10.9	21.3	21.3	37.7	17.7	20.8
BT30.	19.5	19.5	397.2	17.7	14.2	397.6	17.7	15.6	398.6
BT17.7	16.5	400.	17.7	17.	401.4	17.7	16.6	402.4	17.7
BT15.6	402.8	17.7	14.2	500.	18.2	18.2	600.	16.8	18.8
BT7.6	19.4	19.4	800.	19.3	19.3		600.		
NC									
X14.4	0.	0.116	0.1	0.3					
X15.1	13.								
GR23.3	0.	23.5	100.	23.6	200.	22.8	300.	21.7	390.1



BT18.	0.	23.3	23.3	100.	23.5	23.5	200.	23.6	23.6
BT300.	22.8	22.8	390.1	21.7	21.7	397.2	21.4	17.5	297.6
BT21.4	18.9	398.6	21.4	19.9	400.	21.4	20.3	401.4	21.4
BT19.8	402.4	21.4	18.9	402.8	21.4	17.5	403.1	21.4	17.5
BT408.2	21.4	21.4	500.	22.2	22.2	600.	22.2	22.2	700.
BT21.9	21.9	800.	22.5	22.5					
X15.4	0.	0.	0.						
X113.		4962.	4982.						
GR75.	0.	70.	3100.	66.	4500.	54.3	4600.	53.2	4700.
GR53.	4801.	44.	4900.	44.89	4962.	41.2	4966.	40.5	4972.
GR41.2	4979.	44.7	4982.	44.7	4992.	48.5	5000.	44.9	5010.
GR43.8	5100.	44.6	5200.	48.7	5239.	50.	5300.	52.2	5400.
GR60.	5600.	70.	7200.						
X112A		968.	1000.						
GR65.6	0.	59.	200.	52.5	430.	46.	670.	38.7	900.
GR38.9	968.	37.1	980.	34.4	986.	37.1	993.	38.6	1000.
GR38.5	1050.	46.7	1100.	52.5	1200.	52.5	1500.	59.	2360.
GR65.6	2610.								
X113A	19.	962.	982.						
GR75.	0.	65.6	600.	59.	710.	52.5	780.	46.	860.
GR44.	900.	44.9	962.	41.2	966.	40.5	972.	41.2	979.
GR44.7	982.	44.7	992.	48.5	1000.	44.9	1010.	43.8	1100.
GR52.	1150.	59.	1225.	65.6	1400.	70.	2000.		
X113B	21.	1962.	1982.						
GR75.	0.	72.2	1000.	65.6	1300.	65.6	1340.	59.	1600.
GR52.5	1790.	44.	1900.	44.9	1962.	41.2	1966.	40.5	1972.
GR41.2	1979.	44.7	1982.	44.7	1992.	48.5	2000.	44.9	2010.
GR43.8	2100.	52.5	2275.	60.	2500.	65.6	2550.	65.6	3350.
GR70.	4500.								
X114.1	13.	2975.	3010.						
GR70.	0.	70.	900.	70.	2500.	65.1	2500.	67.	2975.
GR49.8	2981.	49.	3000.	61.	3010.	64.	3000.	67.	3300.
GR70.	3400.	73.	4400.	74.	5000.				
X114.2	22.	2981.5	3000.	60.	60.	60.			
X310.							62.	62.	
GR70.	0.	70.	900.	70.	2500.	70.3	2575.	70.	2600.
GR67.9	2700.	65.1	2800.	62.6	2900.	61.7	2981.5	63.24	2981.5
GR49.8	2982.5	49.	2995.5	49.6	2997.5	50.	2998.	53.8	3000.
GR61.4	3000.	61.8	3100.	63.9	3200.	67.2	3300.	70.	3400.
GR73.	44.	74.	5000.						
SE	1.55	2.0		5.5		16.5	236	49.04	49.04
X114.3	0.	0.	0.	26.3	26.3	26.3			
X2		1.	59.8	64.2					
X310.							64.2	64.2	
BT0.	0.	62.6	62.6	2981.5	61.3	61.3	2981.5	61.3	53.24
BT3.	0.	63.2	3000.	61.4	61.4	3100.	61.6	61.9	
X114.4	17.	2975.	3010.					2.	

Newport  
 RIVER