

THIS RUN EXECUTED 08/01/81 8:21:55

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

T1	WAYNESVILLE NC	RACONCRF 11- 5-80 GNC	10
T2	100 YEAR FLOOD	JCL KEY = HCDQ094	20
T3	RACCOON CREEK	100 YEAR FLOODWAY	30

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	4.	0.	0.	0.0	0.	0.0	0.	2577.80	0.0	40

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	0.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	50

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.00	0.0	0.0	200.00	0.0	0.0	0.0	0.0	0.0	0.0	60
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NC	0.130	0.140	0.050	0.1	0.5						70
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QT	6.	1400.	2300.	2800.	4035.	2800.	4035.	0.	0.	0.	80
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ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	175.00	0.0	0.0	90
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X1	0.16	19.	105.	126.	0.	0.	0.	0.0	0.0	0.	100
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GR	2600.0	34.	2588.0	51.	2583.0	56.	2582.5	63.	2574.2	74.	110
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GR	2573.5	95.	2568.8	105.	2567.7	106.	2567.3	114.	2567.4	121.	120
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GR	2569.0	124.	2570.8	126.	2572.5	136.	2573.2	150.	2573.6	180.	130
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GR	2574.0	192.	2581.7	216.	2586.0	224.	2600.0	245.	0.0	0.	140
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ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	175.00	0.0	0.0	150
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X1	0.16	0.	0.	0.	40.	40.	40.	0.0	0.0	0.	160
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ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	175.00	0.0	0.0	170
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X1	0.16	82.	73.	234.	1.	1.	1.	0.0	0.0	0.	180
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BT	6.0	42.0	2610.0	0.0	67.0	2588.0	0.0	67.0	2588.0	2585.5	190
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BT	239.0	2587.7	2585.4	239.0	2587.7	0.0	263.0	2610.0	0.0	0.0	200
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GR	2610.0	42.	2588.0	67.	2585.5	70.	2582.8	73.	2585.5	73.	210
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GR	2585.5	74.	2582.8	74.	2576.0	84.	2585.5	84.	2585.5	85.	220
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GR	2576.0	85.	2574.0	94.	2585.5	94.	2585.5	95.	2574.0	95.	230
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GR	2570.7	104.	2585.5	104.	2585.5	105.	2570.7	105.	2568.4	109.	240
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GR	2568.5	113.	2585.5	113.	2585.5	114.	2568.5	114.	2568.7	118.	250
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GR	2568.4	122.	2585.4	122.	2585.4	123.	2568.4	123.	2568.6	126.	260
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GR	2568.4	134.	2585.4	134.	2585.4	135.	2568.4	135.	2568.5	138.	270
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GR	2569.0	141.	2585.4	141.	2585.4	142.	2569.0	142.	2570.7	150.	280
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GR	2585.4	150.	2585.4	151.	2570.7	151.	2571.0	157.	2585.4	157.	290
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GR	2585.4	158.	2571.0	158.	2571.6	167.	2585.4	167.	2585.4	168.	300
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GR	2571.6	168.	2572.0	177.	2585.4	177.	2585.4	178.	2572.0	178.	310
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GR	2572.0	187.	2585.4	187.	2585.4	188.	2572.0	188.	2573.0	191.	320
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GR	2585.4	191.	2585.4	192.	2573.0	192.	2573.0	205.	2585.4	205.	330
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801

GR	2585.4	206.	2573.0	206.	2575.2	215.	2585.4	215.	2585.4	216.	340
GR	2575.2	216.	2580.8	225.	2585.4	225.	2585.4	226.	2580.8	226.	350
GR	2583.2	233.	2585.4	233.	2585.4	234.	2583.2	234.	2583.7	235.	360
GR	2587.7	239.	2610.0	263.	0.0	0.	0.0	0.	0.0	0.	370
ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	175.00	0.0	0.0	380

X1	0.16	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	390
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0.	400
ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	175.00	0.0	0.0	410

X1	0.16	19.	105.	126.	1.	1.	1.	0.0	0.0	0.	420
GR	2600.0	34.	2588.0	51.	2583.0	56.	2582.5	63.	2574.2	74.	430
GR	2573.5	95.	2568.8	105.	2567.7	106.	2567.3	114.	2567.4	121.	440
GR	2569.0	124.	2570.8	126.	2572.5	136.	2573.2	150.	2573.6	180.	450
GR	2574.0	192.	2581.7	216.	2586.0	224.	2600.0	245.	0.0	0.	460
ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	175.00	0.0	0.0	470

X1	0.16	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	480
NC	0.130	0.130	0.050	0.0	0.0						490
QT	6.	1400.	2300.	2800.	4030.	2800.	4030.	0.	0.	0.	500
ET	0.	0.0	0.0	0.0	0.0	7.11	80.00	150.00	0.0	0.0	510

X1	0.21	20.	94.	125.	160.	160.	160.	0.0	0.0	0.	520
GR	2589.9	14.	2583.7	26.	2580.8	40.	2577.1	72.	2574.7	79.	530
GR	2574.4	94.	2569.1	100.	2568.7	104.	2568.7	109.	2569.3	112.	540
GR	2572.0	119.	2576.1	125.	2576.5	159.	2576.5	164.	2577.5	183.	550
GR	2582.4	216.	2583.3	236.	2582.6	263.	2582.3	264.	2589.9	275.	560
ET	0.	0.0	0.0	0.0	0.0	7.11	80.00	150.00	0.0	0.0	570

X1	0.21	0.	0.	0.	50.	50.	50.	0.0	0.0	0.	580
SB	1.25	1.60	3.00	0.	12.00	0.01	68.00	0.0	2568.0	2568.0	590
ET	0.	0.0	0.0	0.0	0.0	7.11	80.00	150.00	0.0	0.0	600

X1	0.21	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	610
X2	0.	0.0	1.	2573.6	2574.5	0.0	0.	0.0	0.0	0.	620
BT	14.0	14.0	2589.9	0.0	26.0	2583.7	0.0	40.0	2580.8	0.0	630
BT	72.0	2577.1	0.0	79.0	2574.7	0.0	94.0	2574.4	0.0	99.0	640
BT	2574.5	0.0	115.0	2575.1	0.0	164.0	2577.9	0.0	216.0	2582.4	650
BT	0.0	236.0	2583.3	0.0	263.0	2582.6	0.0	264.0	2582.3	0.0	660
BT	275.0	2589.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	670
ET	0.	0.0	0.0	0.0	0.0	7.11	80.00	150.00	0.0	0.0	680

X1	0.21	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	690
NC	0.140	0.130	0.055	0.0	0.0						700
QT	6.	1400.	2300.	2800.	4025.	2800.	4025.	0.	0.	0.	710
ET	0.	0.0	0.0	0.0	0.0	7.11	560.00	675.00	0.0	0.0	720

X1	0.26	26.	595.	611.	90.	90.	90.	0.0	0.0	0.	730
GR	2600.0	40.	2595.3	80.	2589.7	200.	2587.6	300.	2581.7	560.	740
GR	2579.8	575.	2577.6	586.	2574.0	595.	2572.3	599.	2570.7	601.	750
GR	2570.4	602.	2570.8	607.	2572.0	610.	2573.2	611.	2574.0	612.	760
GR	2575.2	613.	2579.2	617.	2581.3	620.	2582.5	622.	2582.4	650.	770

C01

GR	2581.8	700.	2581.4	720.	2579.8	746.	2578.7	752.	2586.7	758.	780
GR	2600.0	775.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	790
ET	0.	0.0	0.0	0.0	0.0	7.11	560.00	675.00	0.0	0.0	800
X1	0.26	0.	0.	0.	50.	50.	50.	0.0	0.0	0.	810
SB	1.25	1.60	3.00	0.	32.00	0.01	272.00	0.0	2570.5	2570.5	820
NC	0.080	0.080	0.055	0.0	0.0	7.11	560.00	675.00	0.0	0.0	830
ET	0.	0.0	0.0	0.0	0.0	7.11	560.00	675.00	0.0	0.0	840
X1	0.26	20.	597.	622.	30.	30.	30.	0.0	0.0	0.	850
X2	0.	0.0	1.	2579.0	2578.8	0.0	0.	0.0	0.0	0.	860
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2583.0	2581.0	0.	870
BT	13.0	40.0	2600.0	0.0	80.0	2595.3	0.0	130.0	2593.0	0.0	880
BT	200.0	2591.3	0.0	300.0	2589.0	0.0	599.0	2582.6	0.0	621.0	890
BT	2582.4	0.0	700.0	2581.8	0.0	720.0	2581.4	0.0	746.0	2579.8	900
BT	0.0	752.0	2578.7	0.0	759.0	2586.7	0.0	775.0	2600.0	0.0	910
GR	2600.0	40.	2595.3	80.	2589.7	200.	2587.6	300.	2584.2	345.	920
GR	2577.6	425.	2575.3	500.	2574.0	597.	2571.5	600.	2570.8	600.	930
GR	2570.4	602.	2571.4	620.	2574.2	622.	2575.4	650.	2576.7	711.	940
GR	2581.4	720.	2579.8	746.	2578.7	752.	2586.7	758.	2600.0	775.	950
ET	0.	0.0	0.0	0.0	0.0	7.11	560.00	675.00	0.0	0.0	960
X1	0.26	0.	0.	0.	50.	50.	50.	0.0	0.0	0.	970
NC	0.100	0.100	0.045	0.0	0.0	7.11	560.00	675.00	0.0	0.0	980
QT	6.	1400.	2300.	2800.	4000.	2800.	4000.	0.	0.	0.	990
ET	0.	0.0	0.0	0.0	0.0	7.11	560.00	675.00	0.0	0.0	1000
X1	0.40	10.	590.	615.	580.	580.	580.	0.0	0.0	0.	1010
X5	-1.	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1020
GR	2587.6	300.	2585.1	400.	2580.4	500.	2580.0	590.	2573.4	600.	1030
GR	2573.2	605.	2573.6	610.	2579.0	615.	2580.0	700.	2591.0	764.	1040
ET	0.	0.0	0.0	0.0	0.0	7.11	30.00	105.00	0.0	0.0	1050
X1	0.46	10.	48.	90.	320.	320.	320.	0.0	0.0	0.	1060
GR	2587.2	0.	2585.0	43.	2580.0	48.	2576.0	65.	2577.0	79.	1070
GR	2580.0	90.	2585.0	100.	2590.0	120.	2591.4	140.	2597.7	148.	1080
ET	0.	0.0	0.0	0.0	0.0	7.11	40.00	90.00	0.0	0.0	1090
X1	0.50	16.	50.	80.	340.	340.	340.	0.0	0.0	0.	1100
GR	2597.7	5.	2589.8	15.	2588.8	19.	2588.8	26.	2588.5	33.	1110
GR	2580.0	50.	2578.4	54.	2577.8	59.	2577.2	64.	2578.3	75.	1120
GR	2581.0	80.	2590.3	97.	2590.7	100.	2592.4	123.	2591.4	139.	1130
GR	2597.6	148.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1140
NC	0.100	0.100	0.045	0.0	0.0	7.11	40.00	90.00	0.0	0.0	1150
QT	6.	1400.	2300.	2800.	4000.	2800.	4000.	0.	0.	0.	1160
ET	0.	0.0	0.0	0.0	0.0	7.11	40.00	90.00	0.0	0.0	1170
X1	0.52	16.	54.	75.	80.	80.	80.	0.0	0.70	0.	1180
GR	2597.7	5.	2589.8	15.	2588.8	19.	2588.8	26.	2588.5	33.	1190
GR	2580.0	50.	2578.4	54.	2577.8	59.	2577.2	64.	2578.3	75.	1200
GR	2581.0	80.	2590.3	97.	2590.7	100.	2592.4	123.	2591.4	139.	1210
GR	2597.6	148.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1220
NC	0.120	0.120	0.055	0.0	0.0	7.11	40.00	90.00	0.0	0.0	1230

D01

ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	140.00	0.0	0.0	1240
X1	0.52	18.	103.	122.	40.	40.	40.	0.0	0.0	0.	1250
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2588.0	2588.0	0.	1260
GR	2600.0	0.	2590.0	28.	2591.4	34.	2591.4	70.	2589.8	77.	1270
GR	2584.0	88.	2583.4	93.	2580.6	99.	2578.9	101.	2578.7	103.	1280
GR	2578.6	104.	2578.6	118.	2580.2	122.	2581.2	133.	2591.2	158.	1290
GR	2591.3	162.	2591.2	200.	2601.0	220.	0.0	0.	0.0	0.	1300
SB	1.25	1.60	3.00	0.	16.00	0.01	166.00	0.0	2577.9	2577.9	1310
NC	0.100	0.100	0.050	0.0	0.0						1320
ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	140.00	0.0	0.0	1330

X1	0.52	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	1340
X2	0.	0.0	1.	2588.3	2591.6	0.0	0.	0.0	0.0	0.	1350
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2592.0	2592.0	0.	1360
BT	8.0	1.0	2610.0	0.0	15.0	2592.0	0.0	100.0	2591.5	0.0	1370
BT	125.0	2591.5	0.0	162.0	2591.4	0.0	200.0	2591.1	0.0	218.0	1380
BT	2600.0	0.0	220.0	2610.0	0.0	0.0	0.0	0.0	0.0	0.0	1390
ET	0.	0.0	0.0	0.0	0.0	7.11	90.00	140.00	0.0	0.0	1400

X1	0.52	18.	99.	125.	40.	40.	40.	0.0	0.0	0.	1410
GR	2610.0	16.	2590.0	28.	2591.4	34.	2591.4	70.	2589.8	77.	1420
GR	2584.0	88.	2583.4	93.	2580.6	99.	2578.9	101.	2578.4	103.	1430
GR	2578.6	104.	2578.6	118.	2580.2	125.	2581.2	133.	2591.2	158.	1440
GR	2592.0	174.	2597.6	176.	2610.0	186.	0.0	0.	0.0	0.	1450
NC	0.100	0.100	0.050	0.0	0.0						1460
ET	0.	0.0	0.0	0.0	0.0	7.11	470.00	600.00	0.0	0.0	1470

X1	0.65	26.	500.	539.	720.	720.	720.	0.0	0.0	0.	1480
GR	2604.6	26.	2600.9	111.	2601.1	141.	2599.6	177.	2598.0	186.	1490
GR	2598.5	191.	2598.4	214.	2594.4	256.	2593.4	350.	2591.9	400.	1500
GR	2590.4	500.	2582.4	517.	2582.2	523.	2581.5	527.	2584.5	539.	1510
GR	2585.4	555.	2586.6	579.	2591.5	601.	2592.5	625.	2592.8	634.	1520
GR	2592.8	649.	2592.8	671.	2592.8	695.	2593.3	700.	2597.6	750.	1530
GR	2603.5	905.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1540
ET	0.	0.0	0.0	0.0	0.0	7.11	470.00	600.00	0.0	0.0	1550

X1	0.65	26.	500.	555.	40.	40.	40.	0.0	0.0	0.	1560
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2592.0	2592.0	0.	1570
GR	2604.6	26.	2600.9	111.	2601.1	141.	2599.6	177.	2598.0	186.	1580
GR	2598.5	191.	2598.4	214.	2594.4	256.	2593.4	350.	2591.9	400.	1590
GR	2590.4	500.	2582.4	517.	2582.2	523.	2581.5	527.	2584.5	539.	1600
GR	2585.4	555.	2586.6	579.	2591.5	601.	2592.5	625.	2592.8	634.	1610
GR	2592.8	649.	2592.8	671.	2592.8	695.	2593.3	700.	2597.6	750.	1620
GR	2603.5	905.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1630
SB	1.25	1.60	3.00	0.	22.00	2.00	339.00	2.60	2582.7	2582.7	1640
ET	0.	0.0	0.0	0.0	0.0	7.11	470.00	600.00	0.0	0.0	1650
NC	0.080	0.080	0.045	0.0	0.0						1660

X1	0.65	0.	0.	0.	30.	30.	30.	0.0	1.20	0.	1670
X2	0.	0.0	1.	2590.9	2592.4	0.0	0.	0.0	0.0	0.	1680
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2592.5	2592.5	0.	1690
BT	22.0	26.0	2604.6	0.0	111.0	2600.9	0.0	141.0	2601.1	0.0	1700
BT	177.0	2599.6	0.0	186.0	2598.0	0.0	191.0	2598.5	0.0	214.0	1710

E01

BT	2598.5	0.0	300.0	2597.1	0.0	350.0	2594.9	0.0	400.0	2594.6	1720
BT	0.0	450.0	2593.4	0.0	500.0	2592.4	0.0	500.0	2594.4	0.0	1730
BT	577.0	2594.4	0.0	577.0	2592.4	0.0	634.0	2592.8	0.0	649.0	1740
BT	2592.8	0.0	671.0	2592.8	0.0	695.0	2592.8	0.0	700.0	2593.3	1750
BT	0.0	750.0	2597.6	0.0	905.0	2603.5	0.0	0.0	0.0	0.0	1760
ET	0.	0.0	0.0	0.0	0.0	7.11	470.00	600.00	0.0	0.0	1770
X1	0.65	26.	500.	539.	10.	10.	10.	0.0	1.20	0.	1780
GR	2604.6	26.	2600.9	111.	2601.1	141.	2599.6	177.	2598.0	186.	1790
GR	2598.5	191.	2598.4	214.	2594.4	256.	2593.4	350.	2591.9	400.	1800
GR	2590.4	500.	2582.4	517.	2582.2	523.	2581.5	527.	2584.5	539.	1810
GR	2585.4	555.	2586.6	579.	2591.5	601.	2592.5	625.	2592.8	634.	1820
GR	2592.8	649.	2592.8	671.	2592.8	695.	2593.3	700.	2597.6	750.	1830
GR	2603.5	905.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	1840
NC	0.074	0.074	0.040	0.0	0.0	0.	0.0	0.	0.0	0.	1850
ET	0.	0.0	0.0	0.0	0.0	7.11	170.00	300.00	0.0	0.0	1860
X1	0.82	24.	199.	217.	850.	850.	850.	0.0	0.0	0.	1870
GR	2610.0	20.	2607.4	36.	2604.4	46.	2602.4	58.	2594.3	180.	1880
GR	2593.6	192.	2592.5	195.	2590.0	199.	2589.0	200.	2587.7	201.	1890
GR	2587.4	203.	2586.4	204.	2586.4	206.	2587.0	207.	2590.4	215.	1900
GR	2591.0	217.	2591.7	219.	2593.0	224.	2594.0	300.	2595.6	500.	1910
GR	2595.0	529.	2598.4	548.	2602.2	564.	2610.0	600.	0.0	0.	1920
ET	0.	0.0	0.0	0.0	0.0	7.11	170.00	300.00	0.0	0.0	1930
QT	6.	900.	1500.	1900.	2700.	1900.	2700.	0.	0.	0.	1940
X1	0.82	0.	0.	0.	40.	40.	40.	0.0	0.0	0.	1950
SB	1.25	1.60	3.00	0.	15.00	0.01	95.00	0.0	2586.7	2586.7	1960
ET	0.	0.0	0.0	0.0	0.0	7.11	170.00	300.00	0.0	0.0	1970
X1	0.82	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	1980
X2	0.	0.0	1.	2593.0	2594.0	0.0	0.	0.0	0.0	0.	1990
BT	19.0	20.0	2610.0	0.0	36.0	2607.4	0.0	46.0	2604.4	0.0	2000
BT	58.0	2602.4	0.0	180.0	2594.3	0.0	200.0	2594.6	0.0	200.0	2010
BT	2596.6	0.0	202.0	2596.6	0.0	208.0	2596.6	0.0	215.0	2596.6	2020
BT	0.0	220.0	2596.6	0.0	220.0	2594.6	0.0	250.0	2594.0	0.0	2030
BT	300.0	2594.0	0.0	500.0	2595.6	0.0	529.0	2595.0	0.0	548.0	2040
BT	2598.4	0.0	564.0	2602.0	0.0	600.0	2610.0	0.0	0.0	0.0	2050
ET	0.	0.0	0.0	0.0	0.0	7.11	170.00	300.00	0.0	0.0	2060
X1	0.82	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	2070
NC	0.080	0.080	0.045	0.0	0.0	0.	0.	0.	0.	0.	2080
QT	6.	890.	1480.	1860.	2660.	1860.	2660.	0.	0.	0.	2090
ET	0.	0.0	0.0	0.0	0.0	7.11	95.00	150.00	0.0	0.0	2100
X1	0.95	15.	102.	135.	640.	640.	640.	0.0	0.0	0.	2110
GR	2611.1	41.	2608.2	53.	2601.8	75.	2597.0	87.	2595.4	102.	2120
GR	2589.8	114.	2589.2	118.	2589.9	126.	2596.4	135.	2596.4	151.	2130
GR	2600.0	171.	2602.0	178.	2602.8	189.	2608.0	200.	2613.3	210.	2140
NC	0.085	0.085	0.040	0.0	0.0	0.	0.	0.	0.	0.	2150
QT	6.	870.	1440.	1810.	2610.	1810.	2610.	0.	0.	0.	2160
ET	0.	0.0	0.0	0.0	0.0	7.11	370.00	450.00	0.0	0.0	2170

F01

X1	1.14	18.	406.	422.	1480.	1480.	1480.	0.0	0.0	0.	2180
GR	2630.0	43.	2605.6	214.	2604.2	243.	2604.5	264.	2602.7	273.	2190
GR	2600.2	290.	2600.0	350.	2600.7	400.	2600.3	406.	2596.7	410.	2200
GR	2596.2	413.	2596.8	419.	2598.0	422.	2599.4	442.	2600.7	452.	2210
GR	2600.7	459.	2607.5	488.	2630.0	544.	0.0	0.	0.0	0.	2220
NC	0.080	0.095	0.040	0.0	0.0						2230
QT	6.	850.	1390.	1740.	2540.	1740.	2540.	0.	0.	0.	2240
ET	0.	0.0	0.0	0.0	0.0	7.11	185.00	310.00	0.0	0.0	2250

X1	1.40	26.	210.	230.	620.	620.	620.	0.0	0.0	0.	2260
GR	2640.0	49.	2627.0	50.	2622.9	80.	2622.7	87.	2622.0	94.	2270
GR	2621.4	100.	2616.0	110.	2614.4	130.	2610.0	160.	2610.2	195.	2280
GR	2608.4	199.	2606.1	210.	2603.2	215.	2603.0	221.	2605.2	225.	2290
GR	2607.0	230.	2608.7	233.	2609.0	236.	2609.3	285.	2608.2	300.	2300
GR	2608.4	400.	2615.7	500.	2618.2	521.	2626.1	543.	2627.2	556.	2310
GR	2640.0	580.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	2320
ET	0.	0.0	0.0	0.0	0.0	7.11	185.00	310.00	0.0	0.0	2330

X1	1.40	0.	0.	0.	40.	40.	40.	0.0	0.0	0.	2340
SB	1.25	1.60	3.00	0.	15.00	0.01	126.00	0.79	2603.3	2603.3	2350
ET	0.	0.0	0.0	0.0	0.0	7.11	185.00	310.00	0.0	0.0	2360

X1	1.40	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	2370
X2	0.	0.0	1.	2609.6	2609.5	0.0	0.	0.0	0.0	0.	2380
BT	26.0	49.0	2640.0	0.0	50.0	2627.0	0.0	80.0	2622.9	0.0	2390
BT	87.0	2622.7	0.0	94.0	2622.0	0.0	100.0	2621.5	0.0	109.0	2400
BT	2616.1	0.0	130.0	2614.4	0.0	157.0	2610.5	0.0	176.0	2610.7	2410
BT	0.0	201.0	2611.6	0.0	201.0	2613.7	0.0	230.0	2613.7	0.0	2420
BT	230.0	2611.4	0.0	265.0	2610.8	0.0	274.0	2610.8	0.0	280.0	2430
BT	2610.7	0.0	286.0	2610.6	0.0	290.0	2610.5	0.0	300.0	2610.4	2440
BT	0.0	400.0	2609.7	0.0	500.0	2615.7	0.0	520.0	2618.2	0.0	2450
BT	543.0	2626.1	0.0	557.0	2627.2	0.0	580.0	2640.0	0.0	0.0	2460
ET	0.	0.0	0.0	0.0	0.0	7.11	185.00	310.00	0.0	0.0	2470

X1	1.40	0.	0.	0.	10.	10.	10.	0.0	0.0	0.	2480
NC	0.060	0.060	0.040	0.0	0.0						2490
QT	6.	820.	1340.	1660.	2460.	1660.	2460.	0.	0.	0.	2500
ET	0.	0.0	0.0	0.0	0.0	7.11	300.00	400.00	0.0	0.0	2510

X1	1.50	11.	335.	350.	500.	500.	580.	0.0	0.0	0.	2520
GR	2620.0	150.	2615.0	255.	2610.5	301.	2610.2	335.	2607.2	337.	2530
GR	2606.4	342.	2607.2	348.	2610.2	350.	2610.5	393.	2615.0	429.	2540
GR	2620.0	495.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	2550
ET	0.	0.0	0.0	0.0	0.0	7.11	300.00	400.00	0.0	0.0	2560

X1	1.69	17.	330.	350.	1060.	1060.	1060.	0.0	0.0	0.	2570
GR	2636.6	42.	2624.6	214.	2621.6	250.	2618.6	299.	2618.9	330.	2580
GR	2615.6	335.	2615.3	337.	2615.3	341.	2618.4	350.	2618.0	450.	2590
GR	2619.4	550.	2620.1	650.	2621.6	750.	2623.3	799.	2624.6	825.	2600
GR	2636.8	923.	2644.7	953.	0.0	0.	0.0	0.	0.0	0.	2610
NC	0.080	0.095	0.050	0.0	0.0						2620
QT	6.	800.	1300.	1600.	2400.	1600.	2400.	0.	0.	0.	2630
ET	0.	0.0	0.0	0.0	0.0	7.11	420.00	550.00	0.0	0.0	2640

G01

X1	1.91	25.	492.	514.	1010.	1010.	1010.	0.0	0.0	0.	2650
GR	2650.0	93.	2642.8	200.	2634.6	260.	2628.8	320.	2627.8	420.	2660
GR	2628.0	455.	2629.7	476.	2629.2	479.	2628.0	480.	2627.0	482.	2670
GR	2626.4	485.	2625.6	492.	2625.4	497.	2624.0	500.	2624.2	500.	2680
GR	2624.2	501.	2624.4	508.	2626.7	514.	2626.9	519.	2628.4	520.	2690
GR	2629.0	600.	2634.6	643.	2637.0	650.	2647.7	689.	2660.0	707.	2700
ET	0.	0.0	0.0	0.0	0.0	7.11	420.00	550.00	0.0	0.0	2710
X1	1.91	0.	0.	0.	40.	40.	40.	0.0	0.0	0.	2720
SB	1.25	1.60	3.00	0.	13.00	0.01	52.00	0.0	2623.7	2623.7	2730
ET	0.	0.0	0.0	0.0	0.0	7.11	420.00	550.00	0.0	0.0	2740
X1	1.91	0.	0.	0.	30.	30.	30.	0.0	0.0	0.	2750
X2	0.	0.0	1.	2627.6	2627.8	0.0	0.	0.0	0.0	0.	2760
BT	19.0	93.0	2660.0	0.0	200.0	2642.8	0.0	260.0	2634.6	0.0	2770
BT	320.0	2628.8	0.0	420.0	2627.8	0.0	455.0	2628.0	0.0	476.0	2780
BT	2629.7	0.0	479.0	2629.2	0.0	480.0	2628.7	0.0	493.0	2629.0	2790
BT	0.0	501.0	2629.0	0.0	501.0	2629.7	0.0	520.0	2629.8	0.0	2800
BT	521.0	2629.1	0.0	611.0	2630.2	0.0	644.0	2634.6	0.0	650.0	2810
BT	2637.0	0.0	688.0	2647.7	0.0	706.0	2660.0	0.0	0.0	0.0	2820
ET	0.	0.0	0.0	0.0	0.0	7.11	420.00	550.00	0.0	0.0	2830
X1	1.91	25.	492.	514.	40.	40.	40.	0.0	0.0	0.	2840
GR	2650.0	93.	2650.0	200.	2640.0	360.	2627.8	375.	2627.8	420.	2850
GR	2628.0	455.	2629.7	476.	2629.2	479.	2628.0	480.	2627.0	482.	2860
GR	2626.4	485.	2625.6	492.	2625.4	497.	2624.0	500.	2624.2	500.	2870
GR	2624.2	501.	2624.4	508.	2626.7	514.	2626.9	519.	2628.4	520.	2880
GR	2629.0	600.	2634.6	643.	2637.0	650.	2647.7	689.	2660.0	707.	2890
NC	0.120	0.060	0.045	0.0	0.0						2900
QT	6.	800.	1300.	1600.	2400.	1600.	2400.	0.	0.	0.	2910
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	225.00	0.0	0.0	2920
X1	2.10	12.	77.	100.	880.	940.	880.	0.0	0.0	0.	2930
GR	2655.0	11.	2635.7	77.	2632.4	83.	2631.5	87.	2631.6	92.	2940
GR	2632.3	95.	2635.8	100.	2634.4	200.	2634.5	300.	2637.7	400.	2950
GR	2640.7	450.	2652.5	608.	0.0	0.	0.0	0.	0.0	0.	2960
NC	0.120	0.060	0.045	0.0	0.0						2970
QT	6.	800.	1300.	1600.	2400.	1600.	2400.	0.	0.	0.	2980
ET	0.	0.0	0.0	0.0	0.0	7.11	75.00	225.00	0.0	0.0	2990
X1	2.20	0.	0.	0.	540.	500.	540.	0.0	0.50	0.	3000
ET	0.	0.0	0.0	0.0	0.0	7.11	320.00	400.00	0.0	0.0	3010
X1	2.25	16.	324.	350.	200.	200.	200.	0.0	0.0	0.	3020
GR	2655.4	35.	2649.5	150.	2646.8	215.	2646.6	261.	2640.7	324.	3030
GR	2634.7	337.	2634.4	339.	2634.3	341.	2634.6	345.	2640.5	350.	3040
GR	2639.4	400.	2639.3	500.	2640.6	600.	2642.1	650.	2647.1	777.	3050
GR	2659.0	798.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	3060
ET	0.	0.0	0.0	0.0	0.0	7.11	320.00	400.00	0.0	0.0	3070
X1	2.25	0.	0.	0.	40.	40.	40.	0.0	0.0	0.	3080
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2642.5	2642.5		3090

*PROF 1

CCHV= 0.100 CEHV= 0.500

*SECNO .160

RACCOON CREEK

100 YEAR FLOOD

08/01/81

Q	QLOB	QCH	QROB	HV	ITRIAL	TO/WID		
CRIS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	
0.16	2800.	332.	1825.	643.	0.79	0	135.	
2577.80	0.0	158.	210.	333.	0.50	0	2568.80	
10.50	2577.80	2.10	8.70	1.93	0.0	2578.59	2570.80	
0.004391	0.0	0.130	0.050	0.140	0.0	-0.00	69.23	
	2567.30	0.	0.	0.	46.	88.	203.84	0.

*SECNO .160

*** GR CARDS REPEATED

0.16	2800.	341.	1796.	663.	0.72	2	136.	
2578.04	0.0	167.	215.	352.	-0.07	0	2568.80	
10.74	0.0	2.04	8.36	1.88	0.17	2578.76	2570.80	
0.003928	0.049	0.130	0.050	0.140	0.01	-0.00	68.91	
	2567.30	40.	40.	40.	47.	89.	204.60	1.

*SECNO .160

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	2800.	0.	2800.	0.	0.16	2	126.	
2578.66	0.0	0.	873.	0.	-0.56	0	2582.80	
10.26	0.0	0.0	3.21	0.0	0.00	2578.82	2583.20	
0.003351	0.048	0.130	0.050	0.140	0.06	-0.00	80.09	
	2568.40	1.	1.	1.	73.	68.	221.56	1.

*SECNO .160

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	2800.	0.	2800.	0.	0.15	0	127.	
2578.76	0.0	0.	887.	0.	-0.00	0	2582.80	
10.36	0.0	0.0	3.16	0.0	0.10	2578.92	2583.20	
0.003228	0.048	0.130	0.050	0.140	0.00	-0.00	79.93	
	2568.40	30.	30.	30.	74.	68.	221.74	1.

*SECNO .160

RACCOON CREEK

100 YEAR FLOOD 08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.16	2800.	357.	1742.	701.	0.60	2	138.	
2578.55	0.0	185.	225.	392.	0.44	0	2568.80	
11.25	0.0	1.93	7.73	1.79	0.00	2579.14	2570.80	
0.003147	0.047	0.130	0.050	0.140	0.22	-0.00	68.24	
	2567.30	1.	1.	1.	47.	91.	206.17	1.

*SECNO .160

*** GR CARDS REPEATED

0.16	2800.	358.	1739.	703.	0.59	0	138.	
2578.58	0.0	186.	226.	395.	-0.01	0	2568.80	
11.28	0.0	1.92	7.69	1.78	0.03	2579.17	2570.80	
0.003105	0.047	0.130	0.050	0.140	0.00	-0.00	68.20	
	2567.30	10.	10.	10.	47.	91.	206.27	1.

*SECNO .210

0.21	2800.	227.	2317.	256.	1.07	2	138.	
2579.04	0.0	106.	255.	153.	0.48	0	2574.40	
10.34	0.0	2.15	9.09	1.67	0.70	2580.11	2576.10	
0.006590	0.047	0.130	0.050	0.130	0.24	-0.00	55.20	
	2568.70	160.	160.	160.	54.	84.	193.39	4.

*SECNO .210

*** GR CARDS REPEATED

0.21	2800.	251.	2239.	310.	0.86	2	146.	
2579.56	0.0	127.	271.	190.	-0.22	0	2574.40	
10.86	0.0	1.97	8.25	1.63	0.29	2580.42	2576.10	
0.005000	0.049	0.130	0.050	0.130	0.02	-0.00	50.63	
	2568.70	50.	50.	50.	59.	87.	196.95	5.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	12.00	0.01	68.00	0.0
ELCHU	ELCHD							
2568.00	2568.00							

*SECNO .210

*** GR CARDS REPEATED

6870 D.S. ENERGY OF 2580.42 HIGHER THAN COMPUTED ENERGY OF 2580.35 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2621.69	2580.42	0.00	2413.	382.	68.	67.	2573.60

K01

ELTRD
2574.50

0.21	2800.	250.	2240.	310.	0.86	3	146.	
2579.56	0.0	127.	271.	189.	0.00	0	2574.40	
10.86	0.0	1.97	8.26	1.63	0.0	2580.42	2576.10	
0.005018	0.049	0.130	0.050	0.130	0.0	-0.00	50.69	
	2568.70	30.	30.	30.	59.	87.	196.90	5.

*SECNO .210

*** GR CARDS REPEATED
RACCOON CREEK

100 YEAR FLOOD 08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.21	2800.	254.	2229.	317.	0.83	2	147.	
2579.64	0.0	130.	273.	195.	-0.03	0	2574.40	
10.94	0.0	1.94	8.15	1.63	0.05	2580.47	2576.10	
0.004826	0.049	0.130	0.050	0.130	0.00	-0.00	50.03	
	2568.70	10.	10.	10.	59.	88.	197.42	5.

*SECNO .260

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK 100 YEAR FLOOD 08/01/81

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

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

0.26	2800.	317.	2270.	213.	2.49	20	115.	
2581.75	2581.75	102.	162.	90.	1.66	8	2574.00	
11.35	0.0	3.11	14.00	2.38	0.69	2584.24	2573.20	
0.014089	0.050	0.140	0.055	0.130	0.83	-0.00	557.81	
	2570.40	90.	90.	90.	45.	151.	754.29	6.

*SECNO .260.

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

0.26	2800.	483.	1744.	573.	0.76	5	298.	
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L01

2584.01	0.0	299.	198.	378.	-1.73	0	2574.00
13.61	0.0	1.62	8.80	1.52	0.35	2584.77	2573.20
0.004249	0.050	0.140	0.055	0.130	0.17	-0.00	458.19
	2570.40	50.	50.	50.	145.	153.	755.98

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	32.00	0.01	272.00	0.0
	ELCHU	ELCHD						
	2570.50	2570.50						

*SECNO .260
 PRESS FLOW BECAUSE EGLWC OF 2584.77 EXCEEDS 1.5 DEPTH
 6870 D.S. ENERGY OF 2584.77 HIGHER THAN COMPUTED ENERGY OF 2584.40

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2586.64	2584.77	0.00	1724.	1079.	272.	272.	2579.00
ELTRD							
2578.80							

0.26	2800.	1518.	495.	786.	0.01	2	419.
2584.75	0.0	1914.	338.	1016.	-0.75	0	2574.00
14.36	0.0	0.79	1.47	0.77	0.0	2584.77	2574.20
0.000107	0.050	0.080	0.055	0.080	0.0	-0.00	337.65
	2570.40	30.	30.	30.	272.	147.	756.54

*SECNO .260

*** GR CARDS REPEATED

0.26	2800.	1518.	495.	786.	0.01	2	419.
2584.76	0.0	1915.	338.	1017.	-0.00	0	2574.00
14.36	0.0	0.79	1.47	0.77	0.01	2584.77	2574.20
0.000107	0.051	0.080	0.055	0.080	0.00	-0.00	337.59
	2570.40	50.	50.	50.	272.	147.	756.54

*SECNO .400

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.40	2800.	820.	1165.	815.	0.17	0	322.	
2584.83	0.0	624.	239.	520.	0.16	0	2580.00	
11.63	0.0	1.31	4.88	1.57	0.15	2585.00	2579.00	
0.001338	0.048	0.100	0.045	0.100	0.08	-0.00	405.92	
	2573.20	580.	580.	580.	197.	126.	728.06	43.

MD1

*SECNO .460

3301 HV CHANGED MORE THAN HVINS

0.46	2800.	20.	2733.	47.	1.16	1	59.	
2585.08	0.0	13.	312.	26.	0.99	0	2580.00	
9.08	0.0	1.55	8.75	1.82	0.74	2586.24	2580.00	
0.004968	0.047	0.100	0.045	0.100	0.49	-0.00	41.62	
	2576.00	320.	320.	320.	27.	31.	100.28	49.

*SECNO .500

0.50	2800.	109.	2627.	64.	1.57	2	54.	
2586.73	0.0	45.	254.	30.	0.41	0	2580.00	
9.53	0.0	2.40	10.36	2.13	1.85	2588.30	2581.00	
0.006003	0.047	0.100	0.045	0.100	0.20	-0.00	36.54	
	2577.20	340.	340.	340.	28.	25.	90.47	52.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	2800.	252.	2333.	215.	2.24	2	52.	
2586.97	0.0	68.	179.	59.	0.67	0	2579.10	
9.08	0.0	3.72	13.07	3.67	0.52	2589.22	2579.00	
0.009092	0.047	0.100	0.045	0.100	0.34	-0.00	37.45	
	2577.90	80.	80.	80.	27.	25.	89.64	53.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	2800.	392.	1900.	508.	1.17	11	72.	
2588.47	0.0	119.	184.	152.	-1.07	0	2578.70	
9.87	0.0	3.30	10.30	3.35	0.32	2589.65	2580.20	
0.007172	0.047	0.120	0.055	0.120	0.11	-0.00	79.50	
	2578.60	40.	40.	40.	33.	39.	151.20	53.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	16.00	0.01	166.00	0.0
	ELCHU	ELCHD						
	2577.90	2577.90						

*SECNO .520

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			100 YEAR FLOOD		08/01/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT

A02

SLOPE	WTN ELMIN	XNL XLOBL	XNCH XLCH	XNR XLOBR	OLOSS WSDL	CORAR WSDR	SSTA ENDST	VOL
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PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2595.54	2592.06	0.00	650.	2151.	166.	166.	2588.30

ELTRD
2591.60

0.52	2800.	531.	1611.	658.	0.38	2	181.	
2592.27	0.0	275.	256.	323.	-0.79	0	2578.70	
13.67	0.0	1.93	6.28	2.04	3.00	2592.65	2580.20	
0.001421	0.047	0.100	0.050	0.100	0.0	-0.00	21.64	
	2578.60	30.	30.	30.	91.	90.	202.18	53.

*SECNO .520

0.52	2800.	351.	1955.	494.	0.35	2	148.	
2592.35	0.0	223.	350.	259.	-0.02	0	2580.60	
13.95	0.0	1.57	5.59	1.91	0.05	2592.70	2580.20	
0.001159	0.047	0.100	0.050	0.100	0.00	-0.00	26.59	
	2578.40	40.	40.	40.	85.	62.	174.12	54.

*SECNO .650

0.65	2800.	236.	1687.	877.	0.23	2	352.	
2593.41	0.0	264.	357.	489.	-0.13	0	2590.40	
11.91	0.0	0.89	4.73	1.79	0.92	2593.64	2584.50	
0.001422	0.048	0.100	0.050	0.100	0.01	-0.00	349.10	
	2581.50	720.	720.	720.	170.	182.	701.27	70.

*SECNO .650

0.65	2800.	220.	2072.	509.	0.21	1	359.	
2593.48	0.0	273.	496.	362.	-0.02	0	2590.40	
11.98	0.0	0.80	4.18	1.40	0.05	2593.69	2585.40	
0.001112	0.048	0.100	0.050	0.100	0.00	-0.00	343.42	
	2581.50	40.	40.	40.	184.	174.	701.97	71.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	22.00	2.00	339.00	2.60
	ELCHU	ELCHD						
	2582.70	2582.70						

*SECNO .650

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2595.17	2593.70	0.02	945.	1880.	339.	339.	2590.90

ELTRD

2592.40

0.65	2800.	152.	2129.	519.	0.27	2	263.	
2593.98	0.0	176.	458.	265.	0.06	0	2591.60	
11.28	0.0	0.87	4.65	1.96	0.56	2594.24	2586.60	
0.001242	0.048	0.080	0.045	0.080	0.0	-0.00	370.74	
	2582.70	30.	30.	30.	157.	106.	633.33	72.

*SECNO .650

RACCOON CREEK

100 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.65	2800.	169.	1707.	925.	0.28	0	263.	
2593.98	0.0	177.	333.	391.	0.01	0	2591.60	
11.28	0.0	0.95	5.13	2.37	0.01	2594.26	2585.70	
0.001489	0.048	0.080	0.045	0.080	0.01	0.0	370.39	
	2582.70	10.	10.	10.	149.	114.	633.65	72.

*SECNO .820

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

100 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.82	2800.	203.	1425.	1171.	0.87	5	382.	
2596.08	2596.08	78.	139.	505.	0.60	9	2590.00	
9.68	0.0	2.62	10.25	2.32	2.24	2596.95	2591.00	
0.005910	0.046	0.074	0.040	0.074	0.30	-0.00	153.26	
	2586.40	850.	850.	850.	55.	327.	535.01	88.

*SECNO .820

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

0.82	1900.	156.	739.	1005.	0.15	3	400.	
2596.97	0.0	124.	155.	791.	-0.72	0	2590.00	
10.57	0.0	1.25	4.77	1.27	0.10	2597.12	2591.00	
0.001104	0.046	0.074	0.040	0.074	0.07	-0.00	139.83	
	2586.40	40.	40.	40.	68.	332.	539.99	89.

SPECIAL BRIDGE

C02

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	95.00	0.0
	ELCHU	ELCHD						
	2586.70	2586.70						

*SECNO .820

*** GR CARDS REPEATED
 6870 D.S. ENERGY OF 2597.12 HIGHER THAN COMPUTED ENERGY OF 2597.10
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2606.91	2597.12	0.00	1686.	217.	95.	94.	2593.00
ELTRD							
2594.00							

0.82	1900.	156.	739.	1005.	0.15	2	400.	
2596.97	0.0	125.	155.	792.	-0.00	0	2590.00	
10.57	0.0	1.25	4.76	1.27	0.0	2597.12	2591.00	
0.001101	0.046	0.074	0.040	0.074	0.0	-0.00	139.78	
	2586.40	30.	30.	30.	68.	332.	540.01	89.

*SECNO .820

*** GP CARDS REPEATED

0.82	1900.	156.	737.	1007.	0.15	0	400.	
2596.98	0.0	125.	155.	795.	-0.00	0	2590.00	
10.58	0.0	1.25	4.74	1.27	0.01	2597.13	2591.00	
0.001090	0.046	0.074	0.040	0.074	0.00	-0.00	139.62	
	2586.40	10.	10.	10.	68.	332.	540.07	90.

*SECNO .950

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.95	1860.	56.	1748.	56.	1.04	2	75.	
2597.92	0.0	27.	208.	31.	0.89	0	2595.40	
8.72	0.0	2.08	8.42	1.81	1.39	2598.96	2596.40	
0.006382	0.046	0.080	0.045	0.080	0.44	-0.00	84.69	
	2589.20	640.	640.	640.	34.	41.	159.48	100.

*SECNO 1.140

3301 HV CHANGED MORE THAN HVINS

1.14	1810.	839.	597.	374.	0.20	3	205.
2603.84	0.0	462.	107.	184.	-0.84	0	2600.30

D02

7.64	0.0	1.82	5.59	2.04	4.99	2604.04	2598.00	
0.002056	0.044	0.085	0.040	0.085	0.08	-0.00	267.32	
	2596.20	1480.	1480.	1480.	147.	58.	472.37	117.

*SECNO 1.400

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

1.40	1740.	110.	1082.	548.	0.86	20	267.	
2610.24	2610.24	42.	116.	305.	0.66	10	2606.10	
7.24	0.0	2.62	9.31	1.80	2.09	2611.10	2607.00	
0.006699	0.044	0.080	0.040	0.095	0.33	-0.00	158.34	
	2603.00	620.	620.	620.	62.	205.	425.26	126.

*SECNO 1.400

*** GR CARDS REPEATED

1.40	1740.	138.	924.	678.	0.44	3	280.	
2610.89	0.0	76.	129.	433.	-0.42	0	2606.10	
7.89	0.0	1.80	7.17	1.57	0.19	2611.33	2607.00	
0.003455	0.044	0.080	0.040	0.095	0.04	-0.00	153.99	
	2603.00	40.	40.	40.	66.	214.	434.00	126.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	126.00	0.79
	ELCHU	ELCHD						
	2603.30	2603.30						

*SECNO 1.400

*** GR CARDS REPEATED
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2611.72	2611.49	0.00	1015.	730.	126.	126.	2609.60
ELTRD							
2609.50							
1.40	1740.	165.	815.	761.	0.26	2	292.
2611.46	0.0	110.	141.	554.	-0.18	0	2606.10
8.46	0.0	1.49	5.79	1.37	0.39	2611.72	2607.00
0.002010	0.044	0.080	0.040	0.095	0.0	-0.00	150.00

E02

2603.00 30. 30. 30. 70. 222. 442.00 127.

*SECNO 1.400

*** GR CARDS REPEATED
RACCOON CREEK

100 YEAR FLOOD 08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID		
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	
1.40	1740.	166.	811.	763.	0.26	0	292.		
2611.49	0.0	112.	141.	559.	-0.01	0	2606.10		
8.49	0.0	1.49	5.75	1.37	0.02	2611.74	2607.00		
0.001970	0.044	0.080	0.040	0.095	0.00	-0.00	149.85		
	2603.00	10.	10.	10.	70.	222.	442.32	127.	

*SECNO 1.500

1.50	1660.	431.	721.	508.	0.58	3	138.		
2613.05	0.0	125.	86.	142.	0.32	0	2610.20		
6.65	0.0	3.45	8.36	3.57	1.73	2613.63	2610.20		
0.006432	0.044	0.060	0.040	0.060	0.16	-0.00	274.92		
	2606.40	500.	580.	500.	68.	71.	413.41	134.	

*SECNO 1.690

1.69	1660.	142.	491.	1026.	0.28	13	381.		
2620.16	2619.84	64.	73.	384.	-0.30	18	2618.90		
4.86	0.0	2.23	6.70	2.67	6.78	2620.44	2618.40		
0.006359	0.043	0.060	0.040	0.060	0.03	-0.00	273.47		
	2615.30	1060.	1060.	1060.	67.	314.	654.21	144.	

*SECNO 1.910

3265 DIVIDED FLOW

RACCOON CREEK 100 YEAR FLOOD 08/01/81

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

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

1.91	1600.	604.	857.	139.	0.66	7	287.		
2629.48	2629.48	227.	99.	79.	0.38	8	2625.60		
5.48	0.0	2.66	8.62	1.76	8.53	2630.14	2626.70		
0.011911	0.044	0.080	0.050	0.095	0.19	-0.00	312.95		
	2624.00	1010.	1010.	1010.	190.	101.	603.69	155.	

*SECNO 1.910

*** GR CARDS REPEATED

1.91 1600. 727. 661. 212. 0.24 2 304.

F02

2630.21	0.0	362.	116.	147.	-0.42	0	2625.60	
6.21	0.0	2.01	5.72	1.44	0.27	2630.45	2626.70	
0.004276	0.044	0.080	0.050	0.095	0.04	-0.00	305.29	
	2624.00	40.	40.	40.	198.	106.	609.38	155.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	13.00	0.01	52.00	0.0
	ELCHU	ELCHD						
	2623.70	2623.70						

*SECNO 1.910

*** GR CARDS REPEATED
RACCOON CREEK

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

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2653.73	2630.45	0.00	1437.	174.	52.	51.	2627.60

ELTRD
2627.80

1.91	1600.	732.	652.	216.	0.23	2	305.	
2630.26	0.0	371.	117.	151.	-0.01	0	2625.60	
6.26	0.0	1.97	5.59	1.42	0.04	2630.49	2626.70	
0.004047	0.044	0.080	0.050	0.095	0.0	-0.00	304.83	
	2624.00	30.	30.	30.	198.	107.	609.72	156.

*SECNO 1.910

1.91	1600.	665.	686.	249.	0.26	1	239.	
2630.41	0.0	296.	120.	166.	0.03	0	2625.60	
6.41	0.0	2.25	5.71	1.50	0.16	2630.67	2626.70	
0.004066	0.044	0.080	0.050	0.095	0.01	-0.00	371.78	
	2624.00	40.	40.	40.	131.	108.	610.90	156.

*SECNO 2.100

2.10	1600.	0.	561.	1039.	0.41	12	276.	
2636.15	2636.02	0.	76.	318.	0.15	14	2635.70	
4.65	0.0	0.48	7.43	3.27	5.82	2636.56	2635.80	
0.011678	0.044	0.120	0.045	0.060	0.08	-0.00	75.46	
	2631.50	880.	880.	940.	13.	263.	351.55	167.

*SECNO 2.200

*** GR CARDS REPEATED

2.20	1600.	3.	357.	1240.	0.07	4	326.
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G02

2638.10	0.0	6.	109.	716.	-0.34	0	2636.20	
6.10	0.0	0.44	3.28	1.73	1.58	2638.17	2636.30	
0.001397	0.044	0.120	0.045	0.060	0.03	-0.00	70.50	
	2632.00	540.	540.	500.	18.	308.	396.89	174.

*SECNO 2.250

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			100 YEAR FLOOD		08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

2.25	1600.	0.	851.	749.	0.58	20	283.	
2640.78	2640.78	0.	107.	268.	0.51	9	2640.70	
6.48	0.0	0.01	7.96	2.79	0.60	2641.36	2640.50	
0.010732	0.044	0.120	0.045	0.060	0.25	0.0	323.14	
	2634.30	200.	200.	200.	14.	269.	606.01	177.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			100 YEAR FLOOD		08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2642.50 ELREA= 2642.50

2.25	1600.	0.	1600.	0.	2.47	20	26.	
2641.55	2641.55	0.	127.	0.	1.89	8	2640.70	
7.25	0.0	0.0	12.61	0.0	0.59	2644.02	2640.50	
0.021381	0.044	0.120	0.045	0.060	0.94	0.0	324.00	
	2634.30	40.	40.	40.	13.	13.	350.00	177.

SPECIAL BRIDGE

SB	HK	XKOR	COFq	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	7.00	0.01	50.00	0.0
	ELCHU	ELCHD						
	2635.20	2635.20						

H02

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2666.99	2644.02	0.04	918.	693.	50.	52.	2642.60	
ELTRD								
2644.80								
2.25	1600.	32.	260.	1309.	0.01	0	493.	
2646.32	0.0	169.	251.	2131.	-2.46	0	2640.70	
12.02	0.0	0.19	1.03	0.61	2.31	2646.33	2640.50	
0.000058	0.044	0.120	0.045	0.060	0.0	-0.00	263.91	
	2634.30	30.	30.	30.	73.	420.	757.38	178.

*SECNO 2.250

*** GR CARDS REPEATED

2.25	1600.	32.	260.	1308.	0.01	2	493.	
2646.32	0.0	169.	251.	2128.	0.00	0	2640.70	
12.02	0.0	0.19	1.04	0.61	0.00	2646.33	2640.50	
0.000058	0.044	0.120	0.045	0.060	0.00	-0.00	263.98	
	2634.30	10.	10.	10.	73.	420.	757.20	178.

THIS RUN EXECUTED 08/01/81 8:22:06

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

T1	WAYNESVILLE NC	3210
T2	100 YEAR FLOODWAY	3220
T3	RACCOON CREEK	3230

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	6.	0.	0.	0.0	0.	0.0	0.	2578.80	0.0	3240
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	3250

*PROF 2

CCHV= 0.100 CEHV= 0.500

*SECNO .160

RACCOON CREEK		100 YEAR FLOODWA			08/01/81		TOPWID	
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS=	90.0	175.0	TYPE=	1	TARGET=	85.000		
0.16	2800.	229.	1981.	590.	0.83	0	85.	
2578.80	0.0	103.	231.	291.	0.50	0	2568.80	
11.50	2577.80	2.24	8.58	2.03	0.0	2579.63	2570.80	
0.003765	0.0	0.130	0.050	0.140	0.0	-0.00	90.00	
	2567.30	0.	0.	0.	26.	59.	175.00	0.

*SECNO .160

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	90.0	175.0	TYPE=	1	TARGET=	85.000		
0.16	2800.	231.	1969.	600.	0.79	2	85.	
2578.99	0.0	105.	235.	300.	-0.04	0	2568.80	
11.69	2578.04	2.19	8.39	2.00	0.15	2579.78	2570.80	
0.003515	0.049	0.130	0.050	0.140	0.00	-0.00	90.00	
	2567.30	40.	40.	40.	26.	59.	175.00	1.

*SECNO .160

3700. BRIDGE STENCL= 90.00 STENCR= 175.00

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

3470 ENCROACHMENT STATIONS=	90.0	175.0	TYPE=	1	TARGET=	85.000		
0.16	2800.	0.	2800.	0.	0.24	9	76.	
2579.59	0.0	0.	707.	0.	-0.54	0	100000.00	
11.19	2578.66	0.0	3.96	0.0	0.00	2579.84	100000.00	
0.004633	0.048	0.130	0.050	0.140	0.05	-0.00	90.00	
	2568.40	1.	1.	1.	64.	21.	175.00	1.

*SECNO .160

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

3470 ENCROACHMENT STATIONS=		90.0	175.0	TYPE=	1	TARGET=	85.000		
0.16	2800.	0.	2800.	0.	0.24	2	76.		
2579.74	0.0	0.	718.	0.	-0.01	0	100000.00		
11.34	2578.76	0.0	3.90	0.0	0.14	2579.97	100000.00		
0.004474	0.048	0.130	0.050	0.140	0.00	-0.00	90.00		
	2568.40	30.	30.	30.	64.	21.	175.00		1.

*SECNO .160

RACCOON CREEK

100 YEAR FLOODWA 08/01/81

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

3470 ENCROACHMENT STATIONS=		90.0	175.0	TYPE=	1	TARGET=	85.000		
0.16	2800.	235.	1941.	624.	0.69	2	85.		
2579.51	0.0	113.	246.	326.	0.45	0	2568.80		
12.21	2578.55	2.08	7.90	1.92	0.00	2580.20	2570.80		
0.002930	0.047	0.130	0.050	0.140	0.23	-0.00	90.00		
	2567.30	1.	1.	1.	26.	59.	175.00		1.

*SECNO .160

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=		90.0	175.0	TYPE=	1	TARGET=	85.000		
0.16	2800.	236.	1939.	625.	0.68	0	85.		
2579.55	0.0	114.	246.	327.	-0.01	0	2568.80		
12.25	2578.58	2.07	7.87	1.91	0.03	2580.23	2570.80		
0.002894	0.047	0.130	0.050	0.140	0.00	-0.00	90.00		
	2567.30	10.	10.	10.	26.	59.	175.00		1.

*SECNO .210

3470 ENCROACHMENT STATIONS=		80.0	150.0	TYPE=	1	TARGET=	70.000		
0.21	2800.	157.	2473.	170.	1.05	2	70.		
2579.98	0.0	76.	284.	93.	0.36	0	2574.40		
11.28	2579.04	2.07	8.71	1.82	0.61	2581.03	2576.10		
0.005241	0.049	0.130	0.050	0.130	0.18	-0.00	80.00		
	2568.70	160.	160.	160.	30.	40.	150.00		3.

*SECNO .210

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=		80.0	150.0	TYPE=	1	TARGET=	70.000		
0.21	2800.	161.	2457.	182.	0.95	2	70.		
2580.33	0.0	81.	295.	102.	-0.09	0	2574.40		
11.63	2579.56	1.99	8.34	1.79	0.24	2581.28	2576.10		
0.004568	0.049	0.130	0.050	0.130	0.01	-0.00	80.00		
	2568.70	50.	50.	50.	30.	40.	150.00		4.

M02

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

3470 ENCROACHMENT STATIONS=		560.0	675.0	TYPE=	1	TARGET=	115.000	
0.26	2800.	290.	2389.	121.	3.24	20	56.	
2581.22	2581.22	84.	154.	33.	2.31	15	2574.00	
10.82	2581.75	3.44	15.56	3.63	0.71	2584.45	2573.20	
0.018699	0.050	0.140	0.055	0.130	1.16	-0.00	563.82	
	2570.40	90.	90.	90.	39.	17.	619.88	5.

*SECNO .260

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=		560.0	675.0	TYPE=	1	TARGET=	115.000	
0.26	2800.	450.	2107.	243.	1.40	4	115.	
2583.76	0.0	172.	194.	134.	-1.84	0	2574.00	
13.36	2584.01	2.61	10.85	1.81	0.52	2585.16	2573.20	
0.006642	0.050	0.140	0.055	0.130	0.18	-0.00	560.00	
	2570.40	50.	50.	50.	43.	72.	675.00	6.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	32.00	0.01	272.00	0.0
	ELCHU	ELCHD						
	2570.50	2570.50						

*SECNO .260

3700. BRIDGE STENCL= 560.00 STENCR= 675.00
 PRESS FLOW BECAUSE EGLWC OF 2585.16 EXCEEDS 1.5 DEPTH
 6870 D.S. ENERGY OF 2585.16 HIGHER THAN COMPUTED ENERGY OF 2584.72

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2586.39	2585.16	0.00	1083.	1693.	272.	272.	2579.00
	ELTRD						
	2578.80						

3470 ENCROACHMENT STATIONS=		560.0	675.0	TYPE=	1	TARGET=	115.000	
0.26	2800.	709.	1146.	945.	0.10	2	115.	
2585.06	0.0	400.	345.	522.	-1.30	0	2574.00	
14.66	2584.75	1.77	3.32	1.81	0.0	2585.16	2574.20	
0.000532	0.050	0.080	0.055	0.080	0.0	-0.00	560.00	
	2570.40	30.	30.	30.	50.	65.	675.00	6.

*SECNO .260

*** BR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	560.0	675.0	TYPE=	1	TARGET=	115.000		
0.26	2800.	709.	1145.	946.	0.10	2	115.	
2585.09	0.0	401.	346.	524.	-0.00	1	2574.00	
16.69	2584.76	1.77	3.31	1.81	0.03	2585.18	2574.20	
0.000528	0.051	0.080	0.055	0.080	0.00	-0.00	560.00	
	2570.40	50.	50.	50.	50.	65.	675.00	8.

*SECNO .400

RACCOON CREEK

100 YEAR FLOODWA 08/01/81

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

3470 ENCROACHMENT STATIONS=	560.0	675.0	TYPE=	1	TARGET=	115.000		
0.40	2800.	314.	1676.	810.	0.43	2	115.	
2585.47	0.0	162.	255.	367.	0.33	0	2580.00	
12.27	2584.83	1.93	6.58	2.21	0.55	2585.90	2579.00	
0.002222	0.048	0.100	0.045	0.100	0.17	-0.00	560.00	
	2573.20	580.	580.	580.	43.	72.	375.00	21.

*SECNO .460

3470 ENCROACHMENT STATIONS=	30.0	105.0	TYPE=	1	TARGET=	75.000		
0.46	2800.	35.	2699.	67.	0.86	2	74.	
2586.10	0.0	28.	356.	38.	0.43	0	2580.00	
10.10	2585.08	1.24	7.59	1.74	0.84	2586.96	2580.00	
0.003148	0.047	0.100	0.045	0.100	0.22	-0.00	30.00	
	2576.00	320.	320.	320.	39.	35.	104.39	26.

*SECNO .500

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=	40.0	90.0	TYPE=	1	TARGET=	50.000		
0.50	2800.	113.	2614.	72.	1.40	2	50.	
2587.16	0.0	47.	267.	34.	0.54	0	2580.00	
9.96	2586.73	2.43	9.81	2.11	1.33	2588.56	2581.00	
0.005029	0.047	0.100	0.045	0.100	0.27	-0.00	40.00	
	2577.20	340.	340.	340.	25.	25.	90.00	29.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=	40.0	90.0	TYPE=	1	TARGET=	50.000		
0.52	2800.	260.	2315.	225.	2.01	2	50.	

B03

2587.35	0.0	71.	186.	64.	0.61	0	2579.10	
9.45	2586.97	3.65	12.42	3.50	0.49	2589.36	2579.00	
0.007755	0.07	0.100	0.045	0.100	0.31	-0.00	40.00	
	2577.90	80.	80.	80.	25.	25.	90.00	24.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=	90.0	140.0	TYPE=	1	TARGET=	50.000		
0.52	2800.	328.	2002.	470.	1.41	7	50.	
2588.34	0.0	89.	182.	124.	-0.61	0	2578.70	
9.74	2588.47	3.70	11.01	3.79	0.32	2589.75	2580.20	
0.008354	0.047	0.120	0.055	0.120	0.06	-0.00	90.00	
	2578.60	40.	40.	40.	23.	27.	140.00	30.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	16.00	0.01	166.00	0.0
	ELCHU	ELCHD						
	2577.90	2577.90						

*SECNO .520

3700. BRIDGE STENCL= 90.00 STENCR= 140.00

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			100 YEAR FLOODWA	08/01/81				
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2595.41	2592.02	0.00	426.	2394.	166.	166.	2588.30

ELTRD
2591.60

3470 ENCROACHMENT STATIONS=	90.0	140.0	TYPE=	1	TARGET=	50.000		
0.52	2800.	384.	1871.	545.	0.53	2	50.	
2592.97	0.0	149.	270.	208.	-0.87	0	2578.70	
14.37	2592.27	2.58	6.94	2.62	3.76	2593.50	2580.20	
0.001619	0.047	0.100	0.050	0.100	0.0	-0.00	90.00	
	2578.60	30.	30.	30.	23.	27.	140.00	30.

*SECNO .520

C03

3470 ENCROACHMENT STATIONS=	90.0	140.0	TYPE=	1	TARGET=	50.000	
0.52	2800.	190.	2228.	382.	0.46	2	50.
2593.10	0.0	95.	369.	173.	-0.07	0	2580.60
14.70	2592.35	1.99	6.03	2.21	0.06	2593.57	2580.20
0.001254	0.047	0.100	0.050	0.100	0.01	-0.00	90.00
	2578.40	40.	40.	40.	22.	28.	140.00

31.

*SECNO .650

3470 ENCROACHMENT STATIONS=	470.0	600.0	TYPE=	1	TARGET=	130.000	
0.65	2800.	122.	1776.	902.	0.23	2	130.
2594.24	0.0	109.	389.	458.	-0.24	0	2590.40
12.74	2593.41	1.12	4.56	1.97	0.88	2594.47	2584.50
0.001179	0.048	0.100	0.050	0.100	0.02	-0.00	470.00
	2581.50	720.	720.	720.	50.	80.	600.00

44.

*SECNO .650

3470 ENCROACHMENT STATIONS=	470.0	600.0	TYPE=	1	TARGET=	130.000	
0.65	2800.	110.	2182.	508.	0.20	1	130.
2594.30	0.0	110.	541.	312.	-0.02	0	2590.40
12.80	2593.48	1.00	4.03	1.63	0.04	2594.51	2585.40
0.000921	0.048	0.100	0.050	0.100	0.00	-0.00	470.00
	2581.50	40.	40.	40.	58.	72.	600.00

45.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	22.00	2.00	339.00	2.60
ELCHU	ELCHD							
2582.70	2582.70							

*SECNO .650
3700. BRIDGE STENCL= 470.00 STENCR= 600.00

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2596.00	2594.53	0.02	783.	2021.	339.	339.	2590.90

ELTRD
2592.40

3470 ENCROACHMENT STATIONS=	470.0	600.0	TYPE=	1	TARGET=	130.000	
0.65	2800.	104.	2150.	546.	0.22	2	130.
2594.97	0.0	94.	512.	288.	0.02	0	2591.60
12.27	2593.98	1.11	4.20	1.90	0.68	2595.19	2586.60
0.000871	0.048	0.080	0.045	0.080	0.0	-0.00	470.00
	2582.70	30.	30.	30.	58.	72.	600.00

45.

*SECNO .650

D03

RACCOON CREEK

100 YEAR FLOODWA

08/01/81

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

3470 ENCROACHMENT STATIONS=	470.0	600.0	TYPE=	1	TARGET=	130.000			
0.65	2800.	115.	1721.	964.	0.23	0	130.		
2594.97	0.0	95.	371.	429.	0.01	0	2591.60		
12.27	2593.98	1.22	4.64	2.24	0.01	2595.20	2585.70		
0.001052	0.048	0.080	0.045	0.080	0.01	-0.00	470.00		
	2582.70	10.	10.	10.	50.	80.	600.00	46.	

*SECNO .820

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=	170.0	300.0	TYPE=	1	TARGET=	130.000			
0.82	2800.	253.	1694.	853.	1.40	3	130.		
2596.29	0.0	74.	143.	241.	1.16	0	2590.00		
9.89	2596.08	3.39	11.86	3.54	1.90	2597.69	2591.00		
0.007628	0.046	0.074	0.040	0.074	0.58	-0.00	170.00		
	2586.40	850.	850.	850.	38.	92.	300.00	59.	

*SECNO .820

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=	170.0	300.0	TYPE=	1	TARGET=	130.000			
0.82	1900.	214.	981.	705.	0.31	3	130.		
2597.62	0.0	113.	167.	352.	-1.09	0	2590.00		
11.22	2596.97	1.89	5.88	2.00	0.14	2597.93	2591.00		
0.001525	0.046	0.074	0.040	0.074	0.11	-0.00	170.00		
	2586.40	40.	40.	40.	38.	92.	300.00	59.	

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	95.00	0.0
ELCHU	ELCHD							
2586.70	2586.70							

*SECNO .820

3700. BRIDGE STENCL= 170.00 STENCR= 300.00

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2607.56	2597.93	0.00	1548.	352.	95.	94.	2593.00

E03

ELTRD
2594.00

3470 ENCROACHMENT STATIONS=	170.0	300.0	TYPE=	1	TARGET=	130.000		
0.82	1900.	215.	977.	709.	0.30	2	130.	
2597.66	0.0	114.	168.	356.	-0.01	0	2590.00	
11.27	2596.97	1.88	5.82	1.99	0.03	2597.96	2591.00	
0.001486	0.046	0.074	0.040	0.074	0.0	-0.00	170.00	
	2586.40	30.	30.	30.	38.	92.	300.00	60.

*SECNO .820

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	170.0	300.0	TYPE=	1	TARGET=	130.000		
0.82	1900.	215.	975.	710.	0.30	0	130.	
2597.68	0.0	115.	168.	357.	-0.00	0	2590.00	
11.28	2596.98	1.87	5.81	1.99	0.01	2597.98	2591.00	
0.001475	0.046	0.074	0.040	0.074	0.00	-0.00	170.00	
	2586.40	10.	10.	10.	38.	92.	300.00	60.

*SECNO .950

RACCOON CREEK

100 YEAR FLOODWA 08/01/81

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

3470 ENCROACHMENT STATIONS=	95.0	150.0	TYPE=	1	TARGET=	55.000		
0.95	1860.	44.	1744.	72.	0.78	2	55.	
2598.89	0.0	22.	239.	37.	0.48	0	2595.40	
9.69	2597.92	1.99	7.28	1.94	1.45	2599.67	2596.40	
0.003949	0.046	0.080	0.045	0.080	0.24	-0.00	95.00	
	2589.20	640.	640.	640.	24.	31.	150.00	67.

*SECNO 1.140

3470 ENCROACHMENT STATIONS=	370.0	450.0	TYPE=	1	TARGET=	80.000		
1.14	1810.	373.	948.	489.	0.57	3	80.	
2604.65	0.0	150.	120.	157.	-0.21	0	2600.30	
8.45	2603.84	2.49	7.92	3.12	5.54	2605.22	2598.00	
0.003545	0.044	0.085	0.040	0.085	0.02	-0.00	370.00	
	2596.20	1480.	1480.	1480.	44.	36.	450.00	79.

*SECNO 1.400

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

100 YEAR FLOODWA 08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	

F03

DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

3470 ENCROACHMENT STATIONS=		185.0	310.0	TYPE=	1	TARGET=	125.000	
1.40	1740.	148.	1329.	263.	1.43	20	125.	
2610.54	2610.54	45.	122.	131.	0.86	15	2606.10	
7.54	2610.24	3.30	10.89	2.00	3.23	2611.97	2607.00	
0.008579	0.044	0.080	0.040	0.095	0.43	-0.00	185.00	
	2603.00	620.	620.	620.	35.	90.	310.00	84.

*SECNO 1.400

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=		185.0	310.0	TYPE=	1	TARGET=	125.000	
1.40	1740.	179.	1173.	388.	0.74	4	125.	
2611.53	0.0	70.	142.	210.	-0.69	0	2606.10	
8.53	2610.89	2.58	8.27	1.84	0.23	2612.27	2607.00	
0.004046	0.044	0.080	0.040	0.095	0.07	-0.00	185.00	
	2603.00	40.	40.	40.	35.	90.	310.00	84.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	126.00	0.79
	ELCHU	ELCHD						
	2603.30	2603.30						

*SECNO 1.400

3700. BRIDGE STENCL= 185.00 STENCR= 310.00

*** GR CARDS REPEATED

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2612.90	2612.31	0.00	819.	937.	126.	126.	2609.60

ELTRD
2609.50

3470 ENCROACHMENT STATIONS=		185.0	310.0	TYPE=	1	TARGET=	125.000	
1.40	1740.	201.	1065.	474.	0.44	2	125.	
2612.46	0.0	93.	161.	286.	-0.30	0	2606.10	
9.46	2611.46	2.16	6.63	1.66	0.64	2612.90	2607.00	
0.002200	0.044	0.080	0.040	0.095	0.0	-0.00	185.00	
	2603.00	30.	30.	30.	35.	90.	310.00	85.

*SECNO 1.400

*** GR CARDS REPEATED

RACCOON CREEK		100 YEAR FLOODWA		08/01/81					
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	

3470 ENCROACHMENT STATIONS=	185.0	310.0	TYPE=	1	TARGET=	125.000			
1.40	1740.	202.	1063.	475.	0.43	0	125.		
2612.49	0.0	94.	161.	288.	-0.01	0	2606.10		
9.49	2611.49	2.15	6.59	1.65	0.02	2612.92	2607.00		
0.002169	0.044	0.080	0.040	0.095	0.00	-0.00	185.00		
	2603.00	10.	10.	10.	35.	90.	310.00	85.	

*SECNO 1.500

3470 ENCROACHMENT STATIONS=	300.0	400.0	TYPE=	1	TARGET=	100.000			
1.50	1660.	419.	664.	577.	0.37	2	100.		
2613.98	0.0	127.	100.	177.	-0.06	0	2610.20		
7.58	2613.05	3.31	6.64	3.25	1.43	2614.36	2610.20		
0.003319	0.044	0.060	0.040	0.060	0.01	-0.00	300.00		
	2606.40	500.	580.	500.	43.	57.	400.00	91.	

*SECNO 1.690

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOODWA		08/01/81					
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=	300.0	400.0	TYPE=	1	TARGET=	100.000			
1.69	1660.	235.	859.	566.	1.02	12	100.		
2620.66	2620.66	57.	83.	118.	0.64	14	2618.90		
5.36	2620.16	4.11	10.33	4.80	6.17	2621.67	2618.40		
0.012755	0.043	0.060	0.040	0.060	0.32	-0.00	300.00		
	2615.30	1060.	1060.	1060.	40.	60.	400.00	99.	

*SECNO 1.910

3470 ENCROACHMENT STATIONS=	420.0	550.0	TYPE=	1	TARGET=	130.000			
1.91	1600.	518.	906.	176.	0.54	5	130.		
2630.47	0.0	178.	121.	80.	-0.47	0	2625.60		
6.47	2629.48	2.91	7.47	2.20	9.29	2631.01	2626.70		
0.006872	0.044	0.080	0.050	0.095	0.05	-0.00	420.00		
	2624.00	1010.	1010.	1010.	83.	47.	550.00	106.	

H03

*SECNO 1.910

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS=	420.0	550.0	TYPE=	1	TARGET=	130.000		
1.91	1600.	547.	862.	191.	0.42	2	130.	
2630.83	0.0	204.	129.	93.	-0.12	0	2625.60	
6.83	2630.21	2.68	6.67	2.06	0.23	2631.25	2626.70	
0.005032	0.044	0.080	0.050	0.095	0.01	-0.00	420.00	
	2624.00	40.	40.	40.	83.	47.	550.00	106.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	13.00	0.01	52.00	0.0
	ELCHU	ELCHD						
	2623.70	2623.70						

*SECNO 1.910

3700. BRIDGE STENCL= 420.00 STENCR= 550.00

*** GR CARDS REPEATED

RACCOON CREEK			100 YEAR FLOODWA	08/01/31				
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2654.36	2631.25	0.00	1358.	247.	52.	51.	2627.60
ELTRD							
2627.80							

3470 ENCROACHMENT STATIONS=	420.0	550.0	TYPE=	1	TARGET=	130.000		
1.91	1600.	560.	841.	198.	0.37	2	130.	
2631.03	0.0	218.	134.	100.	-0.05	0	2625.60	
7.03	2630.26	2.57	6.30	1.98	0.14	2631.39	2626.70	
0.004292	0.044	0.080	0.050	0.095	0.0	-0.00	420.00	
	2624.00	30.	30.	30.	83.	47.	550.00	107.

*SECNO 1.910

3470 ENCROACHMENT STATIONS=	420.0	550.0	TYPE=	1	TARGET=	130.000		
1.91	1600.	572.	823.	204.	0.33	1	130.	
2631.23	0.0	232.	138.	107.	-0.04	0	2625.60	
7.23	2630.41	2.47	5.98	1.91	0.16	2631.56	2626.70	
0.003713	0.044	0.080	0.050	0.095	0.00	-0.00	420.00	
	2624.00	40.	40.	40.	83.	47.	550.00	107.

*SECNO 2.100

3470 ENCROACHMENT STATIONS=		75.0	225.0	TYPE=	1	TARGET=	150.000	
2.10	1600.	1.	747.	851.	0.66	4	150.	
2636.68	2636.54	1.	88.	215.	0.33	18	2635.70	
5.18	2636.15	0.94	8.52	3.97	5.61	2637.33	2635.80	
0.012583	0.044	0.120	0.045	0.060	0.16	-0.00	75.00	
	2631.50	880.	880.	940.	14.	136.	225.00	115.

*SECNO 2.200

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=		75.0	225.0	TYPE=	1	TARGET=	150.000	
2.20	1600.	3.	536.	1061.	0.14	4	150.	
2639.09	0.0	5.	132.	454.	-0.51	0	2636.20	
7.09	2638.10	0.57	4.07	2.34	1.85	2639.23	2636.30	
0.001669	0.044	0.120	0.045	0.060	0.05	-0.00	75.00	
	2632.00	540.	540.	500.	14.	136.	225.00	120.

*SECNO 2.250

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOODWA			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

3470 ENCROACHMENT STATIONS=		320.0	400.0	TYPE=	1	TARGET=	80.000	
2.25	1600.	3.	1293.	305.	1.36	20	80.	
2641.52	2641.52	3.	126.	78.	1.22	8	2640.70	
7.22	2640.78	1.01	10.26	3.89	0.74	2642.88	2640.50	
0.014280	0.044	0.120	0.045	0.060	0.61	-0.00	320.00	
	2634.30	200.	200.	200.	17.	63.	400.00	122.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOODWA			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3470 ENCROACHMENT STATIONS= 320.0 400.0 TYPE= 1 TARGET= 80.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2642.50 ELREA= 2642.50

2.25	1600.	0.	1600.	0.	2.32	2	26.	
2641.70	0.0	0.	131.	0.	0.95	0	2640.70	
7.40	2641.55	0.0	12.21	0.0	0.66	2644.02	2640.50	
0.019236	0.044	0.120	0.045	0.060	0.48	-0.00	324.00	
	2634.30	40.	40.	40.	13.	13.	350.00	122.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	7.00	0.01	50.00	0.0
	ELCHU	ELCHD						
	2635.20	2635.20						

*SECNO 2,250

3700. BRIDGE STENCL= 320.00 STENCR= 400.00

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2667.14	2644.03	0.03	857.	746.	50.	52.	2642.60
ELTRD							
2644.80							

3470 ENCROACHMENT STATIONS= 320.0 400.0 TYPE= 1 TARGET= 80.000

2.25	1600.	13.	896.	691.	0.12	2	80.	
2647.11	0.0	25.	271.	358.	-2.20	0	2640.70	
12.81	2646.32	0.52	3.30	1.93	3.21	2647.23	2640.50	
0.000533	0.044	0.120	0.045	0.060	0.0	-0.00	320.00	
	2634.30	30.	30.	30.	17.	63.	400.00	123.

*SECNO 2,250

*** GR CARDS REPEATED

3470 ENCROACHMENT STATIONS= 320.0 400.0 TYPE= 1 TARGET= 80.000

2.25	1600.	13.	896.	691.	0.12	2	80.	
2647.11	0.0	25.	272.	358.	-0.00	0	2640.70	
12.81	2646.32	0.52	3.30	1.93	0.01	2647.23	2640.50	
0.000532	0.044	0.120	0.045	0.060	0.00	-0.00	320.00	
	2634.30	10.	10.	10.	17.	63.	400.00	123.

THIS RUN EXECUTED 08/01/81 8:22:12

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

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

 RACCOON CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB	
0.160	2577.80	0.0	2578.59	135.	0.	0.	0.	105.	126.	332.	1825.	643.	
0.160	2578.80	1.00	2579.63	85.	85.	90.	175.	105.	126.	229.	1981.	590.	
0.160	2578.04	0.0	2578.76	136.	0.	0.	0.	105.	126.	341.	1796.	663.	
0.160	2578.99	0.95	2579.78	85.	85.	90.	175.	105.	126.	231.	1969.	600.	
0.160	2578.66	0.0	2578.82	126.	0.	0.	0.	73.	234.	0.	2800.	0.	
0.160	2579.59	0.93	2579.84	76.	85.	90.	175.	73.	234.	0.	2800.	0.	
0.160	2578.76	0.0	2578.92	127.	0.	0.	0.	73.	234.	0.	2800.	0.	
0.160	2579.74	0.97	2579.97	76.	85.	90.	175.	73.	234.	0.	2800.	0.	
0.160	2578.55	0.0	2579.14	138.	0.	0.	0.	105.	126.	357.	1742.	701.	
0.160	2579.51	0.97	2580.20	85.	85.	90.	175.	105.	126.	235.	1941.	624.	
0.160	2578.58	0.0	2579.17	138.	0.	0.	0.	105.	126.	358.	1739.	703.	
0.160	2579.55	0.97	2580.23	85.	85.	90.	175.	105.	126.	236.	1939.	625.	
0.210	2579.04	0.0	2580.11	138.	0.	0.	0.	94.	125.	227.	2317.	256.	
0.210	2579.98	0.94	2581.03	70.	70.	80.	150.	94.	125.	157.	2473.	170.	
0.210	2579.56	0.0	2580.42	146.	0.	0.	0.	94.	125.	251.	2239.	310.	
0.210	2580.32	0.76	2581.28	70.	70.	80.	150.	94.	125.	161.	2457.	182.	
0.210	2579.56	0.0	2580.42	146.	0.	0.	0.	94.	125.	250.	2240.	310.	
0.210	2580.40	0.83	2581.33	70.	70.	80.	150.	94.	125.	162.	2453.	185.	
0.210	2579.64	0.0	2580.47	147.	0.	0.	0.	94.	125.	254.	2229.	317.	
0.210	2580.45	0.81	2581.38	70.	70.	80.	150.	94.	125.	162.	2451.	187.	
*	0.260	2581.75	0.0	2584.24	115.	0.	0.	595.	611.	317.	2270.	213.	
*	0.260	2581.22	-0.53	2584.45	56.	115.	560.	675.	595.	611.	290.	2389.	121.
0.260	2584.01	0.0	2584.77	298.	0.	0.	0.	595.	611.	483.	1744.	573.	
0.260	2583.76	-0.24	2585.16	115.	115.	560.	675.	595.	611.	450.	2107.	243.	
0.260	2584.75	0.0	2584.77	419.	0.	0.	0.	597.	622.	1518.	495.	786.	
0.260	2585.06	0.30	2585.16	115.	115.	560.	675.	597.	622.	709.	1146.	945.	

L03

SECNO	CWSEL	DIFKWS	EG	TOPMID	PERENC	STENCL	STENCR	STCHL	STCHR	QL09	QCH	QROB
0.260	2584.76	0.0	2584.77	419.	0.	0.	0.	597.	622.	1518.	495.	786.
0.260	2585.09	0.33	2585.18	115.	115.	560.	675.	597.	622.	709.	1145.	946.
0.400	2584.83	0.0	2585.00	322.	0.	0.	0.	590.	615.	820.	1165.	815.
0.400	2585.47	0.64	2585.90	115.	115.	560.	675.	590.	615.	314.	1676.	810.
0.460	2585.08	0.0	2586.24	59.	0.	0.	0.	48.	90.	20.	2733.	47.
0.460	2586.10	1.02	2586.96	74.	75.	30.	105.	48.	90.	35.	2699.	67.
0.500	2586.73	0.0	2588.30	54.	0.	0.	0.	50.	80.	109.	2627.	64.
0.500	2587.16	0.44	2588.56	50.	50.	40.	90.	50.	80.	113.	2614.	72.
0.520	2586.97	0.0	2589.22	52.	0.	0.	0.	54.	75.	252.	2333.	215.
0.520	2587.35	0.37	2589.36	50.	50.	40.	90.	54.	75.	260.	2315.	225.
0.520	2588.47	0.0	2589.65	72.	0.	0.	0.	103.	122.	392.	1900.	508.
0.520	2588.34	-0.14	2589.75	50.	50.	90.	140.	103.	122.	328.	2002.	470.
0.520	2592.27	0.0	2592.65	181.	0.	0.	0.	103.	122.	531.	1611.	658.
0.520	2592.97	0.70	2593.50	50.	50.	90.	140.	103.	122.	384.	1871.	545.
0.520	2592.35	0.0	2592.70	148.	0.	0.	0.	99.	125.	351.	1955.	494.
0.520	2593.10	0.76	2593.57	50.	50.	90.	140.	99.	125.	190.	2228.	382.
0.650	2593.41	0.0	2593.64	352.	0.	0.	0.	500.	539.	236.	1687.	877.
0.650	2594.24	0.83	2594.47	130.	130.	470.	600.	500.	539.	122.	1776.	902.
0.650	2593.48	0.0	2593.69	359.	0.	0.	0.	500.	555.	220.	2072.	509.
0.650	2594.30	0.82	2594.51	130.	130.	470.	600.	500.	555.	110.	2182.	508.
0.650	2593.98	0.0	2594.24	263.	0.	0.	0.	500.	555.	152.	2129.	519.
0.650	2594.97	0.99	2595.19	130.	130.	470.	600.	500.	555.	104.	2150.	546.
0.650	2593.98	0.0	2594.26	263.	0.	0.	0.	500.	539.	169.	1707.	925.
0.650	2594.97	0.99	2595.20	130.	130.	470.	600.	500.	539.	115.	1721.	964.
*	0.820	2596.08	0.0	2596.95	382.	0.	0.	199.	217.	203.	1425.	1171.
0.820	2596.29	0.21	2597.69	130.	130.	170.	300.	199.	217.	253.	1694.	853.
0.820	2596.97	0.0	2597.12	400.	0.	0.	0.	199.	217.	156.	739.	1005.
0.820	2597.62	0.65	2597.93	130.	130.	170.	300.	199.	217.	214.	981.	705.
0.820	2596.97	0.0	2597.12	400.	0.	0.	0.	199.	217.	156.	739.	1005.
0.820	2597.66	0.70	2597.96	130.	130.	170.	300.	199.	217.	215.	977.	709.
0.820	2596.98	0.0	2597.13	400.	0.	0.	0.	199.	217.	156.	737.	1007.
0.820	2597.68	0.70	2597.98	130.	130.	170.	300.	199.	217.	215.	975.	710.
0.950	2597.92	0.0	2598.96	75.	0.	0.	0.	102.	135.	56.	1748.	56.
0.950	2598.89	0.97	2599.67	55.	55.	95.	150.	102.	135.	44.	1744.	72.
1.140	2603.84	0.0	2604.04	205.	0.	0.	0.	406.	422.	839.	597.	374.
1.140	2604.65	0.81	2605.22	80.	80.	370.	450.	406.	422.	373.	948.	489.
*	1.400	2610.24	0.0	2611.10	267.	0.	0.	210.	230.	110.	1082.	548.
1.400	2610.54	0.29	2611.97	125.	125.	185.	310.	210.	230.	148.	1329.	263.

AD4

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
1.400	2610.89	0.0	2611.33	280.	0.	0.	0.	210.	230.	138.	924.	678.
1.400	2611.53	0.64	2612.27	125.	125.	185.	310.	210.	230.	179.	1173.	388.
1.400	2611.46	0.0	2611.72	292.	0.	0.	0.	210.	230.	165.	815.	761.
1.400	2612.46	1.00	2612.90	125.	125.	185.	310.	210.	230.	201.	1065.	474.
1.400	2611.49	0.0	2611.74	292.	0.	0.	0.	210.	230.	166.	811.	763.
1.400	2612.49	1.00	2612.92	125.	125.	185.	310.	210.	230.	202.	1063.	475.
1.500	2613.03	0.0	2613.63	138.	0.	0.	0.	335.	350.	431.	721.	508.
1.500	2613.98	0.93	2614.36	100.	100.	300.	400.	335.	350.	419.	664.	577.
1.690	2620.16	0.0	2620.44	381.	0.	0.	0.	330.	350.	142.	491.	1026.
*	1.390	2620.66	0.50	2621.67	100.	100.	300.	330.	350.	235.	859.	566.
*	1.910	2629.48	0.0	2630.14	287.	0.	0.	492.	514.	604.	857.	139.
1.910	2630.47	0.98	2631.01	130.	130.	420.	550.	492.	514.	518.	906.	176.
1.910	2630.21	0.0	2630.45	304.	0.	0.	0.	492.	514.	727.	661.	212.
1.910	2630.83	0.62	2631.25	130.	130.	420.	550.	492.	514.	547.	862.	191.
1.910	2630.26	0.0	2630.49	305.	0.	0.	0.	492.	514.	732.	652.	216.
1.910	2631.03	0.76	2631.39	130.	130.	420.	550.	492.	514.	560.	841.	198.
1.910	2630.41	0.0	2630.67	239.	0.	0.	0.	492.	514.	665.	686.	249.
1.910	2631.23	0.82	2631.56	130.	130.	420.	550.	492.	514.	572.	823.	204.
2.100	2636.15	0.0	2636.56	276.	0.	0.	0.	77.	100.	0.	561.	1039.
2.100	2636.68	0.53	2637.33	150.	150.	75.	225.	77.	100.	1.	747.	851.
2.200	2638.10	0.0	2638.17	326.	0.	0.	0.	77.	100.	3.	357.	1240.
2.200	2639.09	1.00	2639.23	150.	150.	75.	225.	77.	100.	3.	536.	1061.
*	2.250	2640.78	0.0	2641.36	283.	0.	0.	324.	350.	0.	851.	749.
*	2.250	2641.52	0.74	2642.88	80.	80.	320.	400.	324.	3.	1293.	305.
*	2.250	2641.55	0.0	2644.02	26.	0.	0.	324.	350.	0.	1600.	0.
2.250	2641.70	0.15	2644.02	26.	80.	320.	400.	324.	350.	0.	1600.	0.
2.250	2646.32	0.0	2646.33	493.	0.	0.	0.	324.	350.	32.	260.	1309.
2.250	2647.11	0.79	2647.23	80.	80.	320.	400.	324.	350.	13.	896.	691.
2.250	2646.32	0.0	2646.33	493.	0.	0.	0.	324.	350.	32.	260.	1308.
2.250	2647.11	0.79	2647.23	80.	80.	320.	400.	324.	350.	13.	896.	691.

SUMMARY OF ERRORS

CAUTION SECNO= 0.260 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 0.260 PROFILE= 1
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 0.260 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 0.260 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 0.260 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.260 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.820 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.400 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.400 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.400 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.400 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.400 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.400 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.690 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.910 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2.250 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2.250 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 2.250 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 2.250 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2.250 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 2.250 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 2.250 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2.250 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 2.250 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOODWAY DATA, RACCOON CREEK
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
0.160	85.	624.	4.5	2578.8	2577.8	1.0
0.160	85.	640.	4.4	2579.0	2578.0	1.0
0.160	85.	707.	4.0	2579.6	2578.7	0.9
0.160	85.	718.	3.9	2579.7	2578.8	0.9
0.160	85.	685.	4.1	2579.5	2578.5	1.0
0.160	85.	688.	4.1	2579.6	2578.6	1.0
0.210	70.	453.	6.2	2580.0	2579.0	1.0
0.210	70.	478.	5.9	2580.3	2579.6	0.7
0.210	70.	483.	5.8	2580.4	2579.6	0.8
0.210	70.	486.	5.8	2580.5	2579.6	0.9
0.260	115.	271.	10.3	2581.7	2581.7	0.0
0.260	115.	501.	5.6	2584.0	2584.0	0.0
0.260	115.	1267.	2.2	2585.1	2584.8	0.3
0.260	115.	1271.	2.2	2585.1	2584.8	0.3
0.400	115.	784.	3.6	2585.5	2584.8	0.7
0.460	75.	422.	6.6	2586.1	2585.1	1.0
0.500	50.	348.	8.1	2587.2	2586.7	0.5
0.520	50.	322.	8.7	2587.3	2587.0	0.3
0.520	50.	395.	7.1	2588.5	2588.5	0.0
0.520	50.	626.	4.5	2593.0	2592.3	0.7
0.520	50.	637.	4.4	2593.1	2592.3	0.8
0.650	130.	956.	2.9	2594.2	2593.4	0.8
0.650	130.	963.	2.9	2594.3	2593.5	0.8
0.650	130.	894.	3.1	2595.0	2594.0	1.0
0.650	130.	895.	3.1	2595.0	2594.0	1.0
0.820	130.	459.	6.1	2596.3	2596.1	0.2
0.820	130.	632.	3.0	2597.6	2597.0	0.6
0.820	130.	638.	3.0	2597.7	2597.0	0.7
0.820	130.	640.	3.0	2597.7	2597.0	0.7
0.950	55.	299.	6.2	2598.9	2597.9	1.0
1.140	80.	426.	4.2	2604.7	2603.8	0.9
1.400	125.	298.	5.8	2610.5	2610.2	0.3
1.400	125.	422.	4.1	2611.5	2610.9	0.6
1.400	125.	540.	3.2	2612.5	2611.5	1.0
1.400	125.	543.	3.2	2612.5	2611.5	1.0
1.500	100.	404.	4.1	2614.0	2613.1	0.9
1.690	100.	258.	6.4	2620.7	2620.2	0.5
1.910	130.	379.	4.2	2630.5	2629.5	1.0
1.910	130.	426.	3.8	2630.8	2630.2	0.6
1.910	130.	452.	3.5	2631.0	2630.3	0.7
1.910	130.	476.	3.4	2631.2	2630.4	0.8
2.100	150.	304.	5.3	2636.7	2636.1	0.6
2.200	150.	591.	2.7	2639.1	2638.1	1.0
2.250	80.	207.	7.7	2641.5	2640.8	0.7
2.250	80.	131.	12.2	2641.7	2641.6	0.1
2.250	80.	654.	2.4	2647.1	2646.3	0.8
2.250	80.	655.	2.4	2647.1	2646.3	0.8

A01

THIS RUN EXECUTED 08/01/81 8:23:51

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

10
20
30

B01

SUMMARY OF ERRORS FOR THIS JOB ERROR NUMBER NUMBER OF ERRORS

219

9

A01

THIS RUN EXECUTED 08/01/81 8:21:04

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

T1 WAYNESVILLE NC RACONCR 10-16-80 GNC 5
 T2 10 YEAR FLOOD JCL KEY = HCDq134 10
 T3 RACCOON CREEK FLOOD PROFILES 15

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -10. 2. 0. 0. 0.00440 0. 0.0 0. 0.0 0.0 20

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 0. 0. -1. 0. 0. 0.0 0.0 0. 0. 0. 25

J3 VARIABLE CODES FOR SUMMARY PRINTOUT
 150.00 160.00 201.00 203.00 23.00 36.00 109.00 0.0 0.0 0.0 30

*PROF 1

CCHV= 0.100 CEHV= 0.500
 *SECNO .160

2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

RACCOON CREEK

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.16	1400.	103.	1118.	179.	0.64	0	123.	
2575.26	0.0	72.	156.	146.	0.50	0	2568.80	
7.96	0.0	1.44	7.15	1.22	0.0	2575.90	2570.80	
0.004384	0.0	0.130	0.050	0.140	0.0	-0.00	72.59	
	2567.30	0.	0.	0.	43.	80.	195.93	0.

*SECNO .160

*** GR CARDS REPEATED

0.16	1400.	111.	1092.	197.	0.56	2	124.	
2575.51	0.0	80.	162.	163.	-0.08	0	2568.80	
8.21	0.0	1.39	6.76	1.20	0.16	2576.07	2570.80	
0.003746	0.049	0.130	0.050	0.140	0.01	-0.00	72.26	
	2567.30	40.	40.	40.	43.	81.	196.72	0.

*SECNO .160

3265 DIVIDED FLOW

B01

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	1400.	0.	1400.	0.	0.10	2	118.	
2576.02	0.0	0.	550.	0.	-0.46	0	2582.80	
7.62	0.0	0.0	2.55	0.0	0.00	2576.12	2583.20	
0.002623	0.048	0.130	0.050	0.140	0.05	-0.00	83.97	
	2568.40	1.	1.	1.	70.	64.	217.32	0.

*SECNO .160

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	1400.	0.	1400.	0.	0.10	1	119.	
2576.10	0.0	0.	560.	0.	-0.00	0	2582.80	
7.70	0.0	0.0	2.50	0.0	0.08	2576.20	2583.20	
0.002505	0.048	0.130	0.050	0.140	0.00	-0.00	83.84	
	2568.40	30.	30.	30.	70.	64.	217.46	1.

*SECNO .160

RACCOON CREEK

10 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.16	1400.	123.	1053.	224.	0.45	2	126.	
2575.92	0.0	93.	170.	193.	0.35	0	2568.80	
8.62	0.0	1.32	6.18	1.16	0.00	2576.38	2570.80	
0.002923	0.047	0.130	0.050	0.140	0.18	-0.00	71.71	
	2567.30	1.	1.	1.	44.	83.	198.00	1.

*SECNO .160

*** GR CARDS REPEATED

0.16	1400.	124.	1050.	226.	0.45	0	126.	
2575.96	0.0	94.	171.	195.	-0.01	0	2568.80	
8.66	0.0	1.31	6.14	1.16	0.03	2576.41	2570.80	
0.002878	0.047	0.130	0.050	0.140	0.00	-0.00	71.68	
	2567.30	10.	10.	10.	44.	83.	198.08	1.

*SECNO .210

0.21	1400.	49.	1350.	2.	0.90	2	81.	
2576.45	0.0	33.	175.	5.	0.45	0	2574.40	
7.75	0.0	1.47	7.73	0.32	0.72	2577.35	2576.10	
0.007900	0.049	0.130	0.050	0.130	0.23	-0.00	73.89	
	2568.70	160.	160.	160.	36.	45.	154.83	2.

*SECNO .210

C01

*** GR CARDS REPEATED

0.21	1400.	64.	1318.	18.	0.69	2	101.	
2577.00	0.0	45.	192.	29.	-0.21	0	2574.40	
8.30	0.0	1.43	6.87	0.63	0.33	2577.69	2576.10	
0.005499	0.049	0.130	0.350	0.130	0.02	-0.00	72.27	
	2568.70	50.	50.	50.	37.	64.	173.64	2.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	12.00	0.01	68.00	0.0
	ELCHU	ELCHD						
	2568.00	2568.00						

*SECNO .210

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2587.53	2577.70	0.00	965.	436.	68.	67.	2573.60
ELTRD							
2574.50							

0.21	1400.	76.	1284.	40.	0.55	3	114.	
2577.47	0.0	55.	206.	54.	-0.14	0	2574.40	
8.77	0.0	1.38	6.23	0.74	0.33	2578.02	2576.10	
0.004103	0.049	0.130	0.050	0.130	0.0	-0.00	68.80	
	2568.70	30.	30.	30.	41.	73.	182.44	3.

*SECNO .210

*** GR CARDS REPEATED
RACCOON CREEK

		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.21	1400.	77.	1280.	42.	0.54	0	115.	
2577.52	0.0	57.	208.	56.	-0.01	0	2574.40	
8.82	0.0	1.37	6.17	0.75	0.04	2578.07	2576.10	
0.003984	0.049	0.130	0.050	0.130	0.00	-0.00	68.39	
	2568.70	10.	10.	10.	41.	74.	183.12	3.

*SECNO .260

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	

D01

DEPTH	WSELK	VLOB	VCH	VROR	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL,CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
0.26	1400.	47.	1321.	32.	2.58	20	31.	
2577.85	2577.85	19.	100.	11.	2.04	15	2574.00	
7.45	0.0	2.52	13.26	2.92	0.73	2580.43	2573.20	
0.024154	0.050	0.140	0.055	0.130	1.02	0.0	584.76	
	2570.40	90.	90.	90.	18.	13.	615.65	3.

*SECNO .260

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.26	1400.	105.	1240.	54.	1.18	3	56.	
2580.03	0.0	53.	135.	29.	-1.41	0	2574.00	
9.63	0.0	1.99	9.22	1.85	0.64	2581.21	2573.20	
0.007827	0.050	0.140	0.055	0.130	0.14	-0.00	573.20	
	2570.40	50.	50.	50.	30.	150.	753.00	3.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	32.00	0.01	272.00	0.0
	ELCHU	ELCHD						
	2570.50	2570.50						

*SECNO .260

6870 D.S. ENERGY OF 2581.21 HIGHER THAN COMPUTED ENERGY OF 2580.64

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2580.64	2580.34	0.00	44.	1343.	272.	272.	2579.00
	ELTRD						
	2578.80						

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2583.00 ELREA= 2581.00

0.26	1400.	0.	1400.	0.	0.55	1	25.	
2580.65	0.0	0.	235.	0.	-0.62	0	2574.00	
10.25	0.0	0.0	5.96	0.0	0.0	2581.21	2574.20	
0.002869	0.050	0.080	0.055	0.080	0.0	-0.00	597.00	
	2570.40	30.	30.	30.	13.	13.	622.00	3.

E01

*SECNO .260

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.26	1400.	721.	330.	349.	0.01	2	371.	
2581.27	0.0	1085.	250.	551.	-0.54	0	2574.00	
10.87	0.0	0.66	1.32	0.63	0.02	2581.28	2574.20	
0.000129	0.051	0.080	0.055	0.080	0.05	-0.00	380.56	
	2570.40	50.	50.	50.	229.	144.	753.92	5.

*SECNO .400

WATER EL=X5 CARD= 2581.36

RACCOON CREEK

10 YEAR FLOOD 08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XLN	XNCH	XNR	QLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.40	1400.	124.	1028.	248.	0.53	0	229.	
2581.37	0.0	115.	152.	164.	0.50	0	2580.00	
8.17	0.0	1.08	6.75	1.51	0.22	2581.89	2579.00	
0.004660	0.048	0.100	0.045	0.100	0.26	-0.00	479.44	
	2573.20	580.	580.	580.	123.	105.	707.95	20.

*SECNO .460

0.46	1400.	4.	1388.	9.	0.64	2	50.	
2582.76	0.0	4.	215.	8.	0.11	0	2580.00	
6.76	0.0	0.97	6.44	1.14	1.45	2583.40	2580.00	
0.004430	0.047	0.100	0.045	0.100	0.06	-0.00	45.24	
	2576.00	320.	320.	320.	24.	27.	95.52	23.

*SECNO .500

0.50	1400.		1357.	13.	0.86	2	44.	
2584.26	0.0		180.	10.	0.22	0	2580.00	
7.06	0.0	1.63	7.56	1.34	1.61	2585.12	2581.00	
0.005064	0.047	0.100	0.045	0.100	0.11	-0.00	41.48	
	2577.20	340.	340.	340.	24.	21.	85.96	24.

*SECNO .520

0.52	1400.	92.	1231.	77.	1.29	2	43.	
2584.55	0.0	33.	128.	28.	0.42	0	2579.10	
6.65	0.0	2.77	9.65	2.71	0.50	2585.83	2579.00	
0.007769	0.047	0.100	0.045	0.100	0.21	-0.00	42.31	
	2577.90	80.	80.	80.	22.	21.	85.20	25.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

F01

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2588.00 ELREA= 2588.00

0.52	1400.	0.	1400.	0.	2.72	6	19.	
2584.34	2584.29	0.	106.	0.	1.43	11	2578.70	
5.74	0.0	0.0	13.23	0.0	0.51	2587.06	2580.20	
0.024799	0.047	0.120	0.055	0.120	0.72	-0.00	103.00	
	2578.60	40.	40.	40.	10.	10.	122.00	25.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	16.00	0.01	166.00	0.0
	ELCHU	ELCHD						
	2577.90	2577.90						

*SECNO .520

*** GR CARDS REPEATED

RACCOON CREEK			10 YEAR FLOOD			08/01/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

CLASS A LOW FLOW

3420 BRIDGE W.S.= 2584.33 BRIDGE VELOCITY=, 13.62

CALCULATED CHANNEL AREA=, 103.

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
0.0	2587.06	0.02	0.	1400.	166.	166.	2588.30

ELTRD
2591.60

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2592.00 ELREA= 2592.00

0.52	1400.	0.	1400.	0.	2.70	0	19.	
2584.36	0.0	0.	106.	0.	-0.02	0	2578.70	
5.76	0.0	0.0	13.18	0.0	0.00	2587.06	2580.20	
0.020254	0.047	0.100	0.050	0.100	0.0	0.0	103.00	
	2578.60	30.	30.	30.	10.	10.	122.00	25.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	1400.	90.	1135.	175.	0.36	3	66.	
2587.11	0.0	57.	213.	95.	-2.33	0	2580.60	
8.71	0.0	1.59	5.32	1.84	0.19	2587.48	2580.20	
0.002021	0.047	0.100	0.050	0.100	0.23	-0.00	82.10	
	2578.40	40.	40.	40.	30.	36.	147.78	25.

601

*SECNO .650

0.65	1400.	0.	1068.	332.	0.39	4	88.	
2589.12	0.0	0.	191.	156.	0.02	0	2590.40	
7.62	0.0	0.0	5.58	2.13	2.01	2589.50	2584.50	
0.004120	0.048	0.100	0.050	0.100	0.01	-0.00	502.73	
	2581.50	720.	720.	720.	17.	71.	590.29	31.

*SECNO .650

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2592.00 ELREA= 2592.00

0.65	1400.	0.	1400.	0.	0.43	1	53.	
2589.25	0.0	0.	265.	0.	0.05	0	2590.40	
7.75	0.0	0.0	5.29	0.0	0.16	2589.69	2585.40	
0.003853	0.048	0.100	0.050	0.100	0.02	-0.00	502.46	
	2581.50	40.	40.	40.	25.	28.	555.00	31.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	22.00	2.00	339.00	2.60
ELCHU	ELCHD							
2582.70	2582.70							

*SECNO .650

*** GR CARDS REPEATED
CLASS A LOW FLOW

3420 BRIDGE W.S.= 2589.18 BRIDGE VELOCITY= 5.86

CALCULATED CHANNEL AREA= 239.

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
0.0	2590.03	0.07	0.	1400.	339.	339.	2590.90

ELTRD
2592.40

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2592.50 ELREA= 2592.50

0.65	1400.	0.	1400.	0.	0.71	0	50.	
2589.32	0.0	0.	207.	0.	0.27	0	2591.60	
6.62	0.0	0.0	6.76	0.0	0.35	2590.03	2586.60	
0.006614	0.048	0.080	0.045	0.080	0.0	-0.00	504.84	
	2582.70	30.	30.	30.	23.	28.	555.00	31.

*SECNO .650

RACCOON CREEK

MILE	Q	QLOB	10 YEAR FLOOD	QCH	QROB	08/01/81	HV	ITRIAL	TOPWID
ELEV	CRISW	ALOB	ACH	AROB	AROB	DHV	IDC	EG	BANK ELEV
DEPTH	WSELK	VLOB	VCH	VROB	VROB	HL	EG	CORAR	LEFT/RIGHT
SLOPE	WTN	XNL	XNCH	XNR	XNR	OLOSS	WSDR	ENDST	SSTA
	ELMIN	XLOBL	XLCH	XLOBR	XLOBR	WSDL			VOL

H01

0.65	1400.	0.	1087.	313.	0.55	2	83.	
2589.56	0.0	0.	165.	118.	-0.16	0	2591.60	
6.86	0.0	0.0	6.60	2.65	0.06	2590.11	2585.70	
0.005359	0.048	0.080	0.045	0.080	0.02	-0.00	504.33	
	2582.70	10.	10.	10.	15.	67.	586.91	31.

*SECNO .820

RACCOON CREEK

10 YEAR FLOOD 03/01/81

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

7185 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

0.82	1400.	72.	1059.	269.	0.99	2	226.	
2594.79	2594.79	31.	116.	156.	0.44	14	2590.00	
8.39	0.0	2.30	9.14	1.73	4.81	2595.78	2591.00	
0.005988	0.046	0.074	0.040	0.074	0.22	-0.00	172.66	
	2586.40	850.	850.	850.	35.	190.	398.41	37.

*SECNO .820

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

0.82	900.	63.	499.	339.	0.12	3	377.	
2595.83	0.0	67.	135.	426.	-0.87	0	2590.00	
9.43	0.0	0.94	3.71	0.79	0.09	2595.95	2591.00	
0.000806	0.046	0.074	0.040	0.074	0.09	-0.00	156.99	
	2586.40	40.	40.	40.	51.	326.	533.62	38.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	95.00	0.0
	ELCHU	ELCHD						
	2586.70	2586.70						

*SECNO .820

*** GR CARDS REPEATED

6870 D.S. ENERGY OF 2595.95 HIGHER THAN COMPUTED ENERGY OF 2595.92

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2598.06	2595.95	0.00	722.	178.	95.	94.	2593.00

ELTRD
2594.00

0.82	900.	63.	498.	339.	0.12	2	377.
2595.83	0.0	67.	135.	428.	-0.00	0	2590.00

101

9.43	0.0	0.94	3.70	0.79	0.0	2595.95	2591.00	
0.000802	0.046	0.074	0.040	0.074	0.0	-0.00	156.93	
	2586.40	30.	30.	30.	51.	326.	533.65	38.

*SECNO .820

*** GR CARDS REPEATED

0.82	900.	63.	497.	341.	0.12	0	377.	
2595.84	0.0	67.	135.	430.	-0.00	0	2590.00	
9.44	0.0	0.93	3.69	0.79	0.01	2595.96	2591.00	
0.000796	0.046	0.074	0.040	0.074	0.00	-0.00	156.82	
	2586.40	10.	10.	10.	51.	326.	533.69	38.

*SECNO .950

RACCOON CREEK		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.95	890.	5.	883.	1.	0.44	2	62.	
2596.61	0.0	7.	164.	4.	0.32	0	2595.40	
7.41	0.0	0.79	5.37	0.39	0.93	2597.06	2596.40	
0.003550	0.046	0.080	0.045	0.080	0.16	-0.00	90.61	
	2589.20	640.	640.	640.	28.	34.	152.19	44.

*SECNO 1.140

1.14	870.	274.	421.	175.	0.26	3	185.	
2601.87	0.0	200.	75.	93.	-0.19	0	2600.30	
5.67	0.0	1.37	5.59	1.89	5.05	2602.12	2598.00	
0.003277	0.044	0.085	0.040	0.085	0.02	-0.00	278.66	
	2596.20	1480.	1480.	1480.	135.	50.	463.98	53.

*SECNO 1.400

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

1.40	850.	40.	745.	64.	0.96	20	153.	
2608.89	2608.89	18.	89.	67.	0.70	8	2606.10	
5.89	0.0	2.21	8.37	0.96	2.96	2609.85	2607.00	
0.007698	0.044	0.080	0.040	0.095	0.35	-0.00	197.91	
	2603.00	620.	620.	620.	22.	187.	406.72	57.

J01

*SECNO 1.400

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

1.40	850.	50.	607.	193.	0.37	4	222.	
2609.71	0.0	29.	105.	203.	-0.58	0	2606.10	
6.71	0.0	1.73	5.75	0.95	0.18	2610.08	2607.00	
0.002906	0.044	0.080	0.040	0.095	0.06	-0.00	196.09	
	2603.00	40.	40.	40.	24.	198.	417.95	57.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	126.00	0.79
ELCHU	ELCHD							
2603.30	2603.30							

*SECNO 1.400

*** GR CARDS REPEATED

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2610.54	2610.31	0.00	115.	727.	126.	126.	2609.60
ELTRD							
2609.50							

1.40	850.	56.	513.	281.	0.18	2	269.	
2610.36	0.0	48.	118.	328.	-0.19	0	2606.10	
7.36	0.0	1.16	4.33	0.86	0.46	2610.54	2607.00	
0.001408	0.044	0.080	0.040	0.095	0.0	-0.00	157.54	
	2603.00	30.	30.	30.	62.	207.	426.86	58.

*SECNO 1.400

*** GR CARDS REPEATED

RACCOON CREEK

10 YEAR FLOOD 08/01/81

MILE	Q	QLO3	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.40	850.	56.	510.	284.	0.18	0	270.	
2610.38	0.0	49.	119.	332.	-0.00	0	2606.10	
7.38	0.0	1.14	4.29	0.85	0.01	2610.55	2607.00	
0.001379	0.044	0.080	0.040	0.095	0.00	-0.00	157.41	
	2603.00	10.	10.	10.	63.	207.	427.13	58.

*SECNO 1.500

K01

3301 HV CHANGED MORE THAN HVINS

1.50	820.	132.	526.	162.	0.69	4	113.	
2611.65	0.0	51.	65.	61.	0.51	0	2610.20	
5.25	0.0	2.60	8.07	2.65	1.53	2612.34	2610.20	
0.008705	0.044	0.060	0.040	0.060	0.26	-0.00	289.26	
	2606.40	500.	580.	500.	53.	60.	402.18	62.

*SECNO 1.690

1.69	820.	46.	338.	436.	0.23	14	284.	
2619.52	2619.28	31.	61.	217.	-0.45	13	2618.90	
4.22	0.0	1.47	5.58	2.01	7.38	2619.76	2618.40	
0.005691	0.043	0.060	0.040	0.060	0.05	-0.00	283.87	
	2615.30	1060.	1060.	1060.	56.	228.	568.10	68.

*SECNO 1.910

3265 DIVIDED FLOW

RACCOON CREEK		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DIIV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

1.91	800.	163.	613.	24.	0.73	3	178.	
2628.55	2628.55	79.	79.	11.	0.50	8	2625.60	
4.55	0.0	2.06	7.76	2.16	8.32	2629.28	2626.70	
0.013120	0.044	0.080	0.050	0.095	0.25	-0.00	344.73	
	2624.00	1010.	1010.	1010.	158.	37.	540.37	73.

*SECNO 1.910

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

1.91	800.	292.	445.	63.	0.19	3	283.	
2629.39	0.0	211.	97.	70.	-0.54	0	2625.60	
5.39	0.0	1.38	4.57	0.90	0.24	2629.58	2626.70	
0.003445	0.044	0.060	0.050	0.095	0.05	-0.00	313.93	
	2624.00	40.	40.	40.	189.	100.	602.97	74.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	13.00	0.01	52.00	0.0
ELCHU	ELCHD							
2623.70	2623.70							

L01

*SECNO 1.910

*** GR CARDS REPEATED

3265 DIVIDED FLOW

RACCOON CREEK		10 YEAR FLOOD			08/01/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC		LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG		SSTA	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR		ENDST	VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC		
2635.27	2629.58	0.00	642.	162.	52.	51.	2627.60		
ELTRD									
2627.80									
1.91	800.	300.	432.	68.	0.17	2	286.		
2629.46	0.0	224.	99.	77.	-0.02	0	2625.60		
5.46	0.0	1.34	4.36	0.89	0.05	2629.63	2626.70		
0.003071	0.044	0.080	0.050	0.095	0.0	-0.00	313.16		
	2624.00	30.	30.	30.	190.	101.	603.54		74.

*SECNO 1.910

3265 DIVIDED FLOW

1.91	800.	293.	428.	79.	0.16	0	230.		
2629.58	0.0	197.	102.	88.	-0.01	0	2625.60		
5.58	0.0	1.49	4.21	0.89	0.12	2629.75	2626.70		
0.002754	0.044	0.080	0.050	0.095	0.00	-0.00	372.80		
	2624.00	40.	40.	40.	130.	102.	604.51		74.

*SECNO 2.100

3265 DIVIDED FLOW

RACCOON CREEK		10 YEAR FLOOD			08/01/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC		LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG		SSTA	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR		ENDST	VOL
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR			

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

2.10	800.	0.	405.	395.	0.40	16	231.		
2635.49	2635.49	0.	60.	162.	0.24	14	2635.70		
3.99	0.0	0.0	6.70	2.44	4.54	2635.89	2635.80		
0.012128	0.044	0.120	0.045	0.060	0.12	-0.00	77.38		
	2631.50	880.	880.	940.	11.	242.	330.92		80.

M01

M01

*SECNO 2.200

*** GR CARDS REPEATED

2.20	800.	0.	225.	575.	0.04	6	296.	
2637.22	0.0	2.	89.	467.	-0.35	0	2636.20	
5.22	0.0	0.26	2.53	1.23	1.34	2637.26	2636.30	
0.001096	0.044	0.120	0.045	0.060	0.04	-0.00	73.50	
	2632.00	540.	540.	500.	15.	281.	369.49	85.

*SECNO 2.250

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

2.25	800.	0.	622.	178.	0.61	20	213.	
2640.06	2640.06	0.	89.	103.	0.56	8	2640.70	
5.76	0.0	0.0	7.02	1.73	0.49	2640.66	2640.50	
0.009721	0.044	0.120	0.045	0.060	0.28	-0.00	325.39	
	2634.30	200.	200.	200.	12.	221.	558.35	87.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		10 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2642.50 ELREA= 2642.50

2.25	800.	0.	800.	0.	1.14	2	25.	
2640.25	0.0	0.	93.	0.	0.53	0	2640.70	
5.95	0.0	0.0	8.56	0.0	0.46	2641.39	2640.50	
0.013927	0.044	0.120	0.045	0.060	0.27	-0.00	324.96	
	2634.30	40.	40.	40.	12.	13.	349.79	87.

SPECIAL BRIDGE

A02

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	7.00	0.01	50.00	0.0
	ELCHU	ELCHD						
	2635.20	2635.20						

*SECNO 2.250

*** GR CARDS REPEATED
CLASS A LOW FLOW

3420 BRIDGE W.S.= 2640.27 BRIDGE VELOCITY=, 22.58
CALCULATED CHANNEL AREA=, 35.

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
0.0	2641.40	0.01	0.	800.	50.	52.	2642.60

ELTRD
2644.80

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2645.00 ELREA= 2645.00

2.25	800.	0.	800.	0.	1.13	0	25.
2640.27	0.0	0.	94.	0.	-0.01	0	2640.70
5.97	0.0	0.0	8.54	0.0	0.01	2641.40	2640.50
0.013829	0.044	0.120	0.045	0.060	0.0	-0.00	324.94
	2634.30	30.	30.	30.	12.	13.	349.80
							87.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

2.25	800.	1.	315.	485.	0.05	4	314.
2641.48	0.0	3.	125.	455.	-1.08	0	2640.70
7.18	0.0	0.19	2.52	1.07	0.02	2641.53	2640.50
0.000869	0.044	0.120	0.045	0.060	0.11	-0.00	315.69
	2634.30	10.	10.	10.	21.	292.	629.28
							87.

B02

THIS RUN EXECUTED 08/01/81 8:21:18

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

T1	WAYNESVILLE NC										1590
T2	50 YEAR FLOOD										1595
T3	RACCOON CREEK										1600
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	3.	0.	0.	0.00440	0.	0.0	0.	0.0	0.0	1605
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	2.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	1610

C02

*PROF 2

CCHV= 0.100 CEHV= 0.500

*SECNO .160

2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

RACCOON CREEK

50 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.16	2300.	247.	1584.	469.	0.74	0	131.	
2577.01	0.0	130.	193.	273.	0.50	0	2568.80	
9.71	0.0	1.89	8.20	1.72	0.0	2577.74	2570.80	
0.004359	0.0	0.130	0.050	0.140	0.0	-0.00	70.28	
	2567.30	0.	0.	0.	45.	86.	201.38	0.

*SECNO .160

*** GR CARDS REPEATED

0.16	2300.	255.	1556.	489.	0.66	2	132.	
2577.25	0.0	139.	198.	291.	-0.07	0	2568.80	
9.95	0.0	1.84	7.85	1.68	0.16	2577.91	2570.80	
0.003856	0.049	0.130	0.050	0.140	0.01	-0.00	69.95	
	2567.30	40.	40.	40.	46.	87.	202.14	1.

*SECNO .160

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	2300.	0.	2300.	0.	0.14	2	124.	
2577.83	0.0	0.	770.	0.	-0.52	0	2582.80	
9.43	0.0	0.0	2.99	0.0	0.00	2577.97	2583.20	
0.003078	0.048	0.130	0.050	0.140	0.05	-0.00	81.30	
	2568.40	1.	1.	1.	72.	67.	220.23	1.

*SECNO .160

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	2300.	0.	2300.	0.	0.13	0	124.	
2577.93	0.0	0.	782.	0.	-0.00	0	2582.80	
9.53	0.0	0.0	2.94	0.0	0.09	2578.06	2583.20	
0.002958	0.048	0.130	0.050	0.140	0.00	-0.00	81.15	

D02

2568.40 30. 30. 30. 72. 67. 220.40 1.

*SECNO .160

RACCOON CREEK		50 YEAR FLOOD			08/01/81		TOPWID		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC			
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST		VOL
0.16	2300.	270.	1506.	523.	0.55	2	134.		
2577.72	0.0	155.	208.	327.	0.41	0	2568.80		
10.42	0.0	1.74	7.24	1.60	0.00	2578.27	2570.80		
0.003071	0.047	0.130	0.050	0.140	0.21	-0.00	69.33		
	2567.30	1.	1.	1.	46.	88.	203.61		1.

*SECNO .160

*** GR CARDS REPEATED

0.16	2300.	271.	1503.	525.	0.54	0	134.		
2577.76	0.0	156.	209.	330.	-0.01	0	2568.80		
10.46	0.0	1.73	7.20	1.59	0.03	2578.30	2570.80		
0.003029	0.047	0.130	0.050	0.140	0.00	-0.00	69.29		
	2567.30	10.	10.	10.	46.	88.	203.70		1.

*SECNO .210

3301 HV CHANGED MORE THAN HVINS

0.21	2300.	155.	2010.	134.	1.05	2	125.		
2578.21	0.0	77.	229.	98.	0.51	0	2574.40		
9.51	0.0	2.03	8.77	1.36	0.71	2579.26	2576.10		
0.007067	0.049	0.130	0.050	0.130	0.25	-0.00	62.36		
	2568.70	160.	160.	160.	47.	78.	187.81		3.

*SECNO .210

*** GR CARDS REPEATED

0.21	2300.	177.	1936.	187.	0.81	2	134.		
2578.78	0.0	96.	247.	135.	-0.24	0	2574.40		
10.08	0.0	1.85	7.84	1.38	0.30	2579.59	2576.10		
0.005118	0.049	0.130	0.050	0.130	0.02	-0.00	57.44		
	2568.70	50.	50.	50.	52.	82.	191.64		4.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	12.00	0.01	68.00	0.0
	ELCHU	ELCHD						
	2568.00	2568.00						

*SECNO .210

*** GR CARDS REPEATED

E02

PRESSURE AND WEIR FLOW

EGPRS 2607.20	EGLWC 2579.59	H3 0.00	QWEIR 1896.	QPR 388.	BAREA 68.	TAREA 67.	ELLC 2573.60
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ELTRD
2574.50

0.21	2300.	177.	1937.	186.	0.81	3	134.
2578.77	0.0	96.	247.	135.	0.00	0	2574.40
10.07	0.0	1.85	7.85	1.38	0.00	2579.59	2576.10
0.005142	0.049	0.130	0.050	0.130	0.0	-0.00	57.51
	2568.70	30.	30.	30.	52.	82.	191.59

*SECNO .210

*** GR CARDS REPEATED

RACCOON CREEK			50 YEAR FLOOD		08/01/81		TOPWID	
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	ENDST	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	VOL	
0.21	2300.	180.	1927.	193.	0.79	2	135.	
2578.85	0.0	99.	249.	140.	-0.03	0	2574.40	
10.15	0.0	1.82	7.74	1.38	0.05	2579.64	2576.10	
0.004923	0.049	0.130	0.050	0.130	0.00	-0.00	56.83	
	2568.70	10.	10.	10.	53.	83.	192.12	

*SECNO .260

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			50 YEAR FLOOD		08/01/81		TOPWID	
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	ENDST	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	VOL	
0.26	2300.	191.	2009.	101.	2.81	20	65.	
2580.37	2580.37	61.	140.	37.	2.03	8	2574.00	
9.97	0.0	3.14	14.35	2.75	0.76	2583.18	2573.20	
0.017989	0.050	0.140	0.055	0.130	1.01	0.0	570.51	
	2570.40	90.	90.	90.	32.	150.	753.25	

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED			50 YEAR FLOOD		08/01/81		TOPWID	
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	BANK ELEV	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	LEFT/RIGHT	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	SSTA	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	ENDST	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	VOL	
0.26	2300.	191.	2009.	101.	2.81	20	65.	
2580.37	2580.37	61.	140.	37.	2.03	8	2574.00	
9.97	0.0	3.14	14.35	2.75	0.76	2583.18	2573.20	
0.017989	0.050	0.140	0.055	0.130	1.01	0.0	570.51	
	2570.40	90.	90.	90.	32.	150.	753.25	

*SECNO .260

*** GR CARDS REPEATED

F02

3301 HV CHANGED MORE THAN HVINS

0.26	2300.	318.	1692.	290.	1.04	4	243.	
2582.78	0.0	164.	179.	201.	-1.77	0	2574.00	
12.38	0.0	1.94	9.47	1.45	0.46	2583.82	2573.20	
0.005665	0.050	0.140	0.055	0.130	0.18	-0.00	512.27	
	2570.40	50.	50.	50.	91.	152.	755.06	5.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	32.00	0.01	272.00	0.0
	ELCHU	ELCHD						
	2570.50	2570.50						

*SECNO .260

PRESS FLOW BECAUSE EGLWC OF 2583.82 EXCEEDS 1.5 DEPTH
6870 D.S. ENERGY OF 2583.82 HIGHER THAN COMPUTED ENERGY OF 2583.35

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2584.56	2583.82	0.00	977.	1303.	272.	272.	2579.00
ELTRD							
2578.80							

0.26	2300.	1232.	434.	633.	0.01	2	406.	
2583.81	0.0	1674.	314.	889.	-1.03	0	2574.00	
13.41	0.0	0.74	1.38	0.71	0.0	2583.82	2574.20	
0.000105	0.050	0.080	0.055	0.080	0.0	-0.00	349.73	
	2570.40	30.	30.	30.	260.	146.	755.83	7.

*SECNO .260

*** GR CARDS REPEATED

0.26	2300.	1232.	434.	633.	0.01	2	406.	
2583.82	0.0	1676.	314.	890.	-0.00	0	2574.00	
13.42	0.0	0.74	1.38	0.71	0.01	2583.83	2574.20	
0.000105	0.051	0.080	0.055	0.080	0.00	-0.00	349.66	
	2570.40	50.	50.	50.	260.	146.	755.84	10.

*SECNO .400

RACCOON CREEK

50 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.40	2300.	584.	1079.	637.	0.20	0	297.	
2583.88	0.0	459.	215.	416.	0.19	0	2580.00	

602

10.68	0.0	1.27	5.02	1.53	0.15	2584.08	2579.00	
0.001627	0.048	0.100	0.045	0.100	0.09	-0.00	426.05	
	2573.20	580.	580.	580.	176.	120.	722.55	36.

*SECNO .460

3301 HV CHANGED MORE THAN HVINS

0.46	2300.	13.	2257.	30.	0.99	2	55.	
2584.32	0.0	9.	281.	19.	0.79	0	2580.00	
8.32	0.0	1.37	8.04	1.60	0.83	2585.30	2580.00	
0.004837	0.047	0.100	0.045	0.100	0.39	-0.00	43.68	
	2576.00	320.	320.	320.	25.	30.	98.64	42.

*SECNO .500

0.50	2300.	76.	2182.	42.	1.33	2	51.	
2585.93	0.0	35.	230.	22.	0.35	0	2580.00	
8.73	0.0	2.16	9.50	1.89	1.79	2587.27	2581.00	
0.005753	0.047	0.100	0.045	0.100	0.17	-0.00	38.13	
	2577.20	340.	340.	340.	27.	24.	89.02	44.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	2300.	190.	1948.	161.	1.92	2	49.	
2586.20	0.0	55.	162.	48.	0.59	0	2579.10	
8.30	0.0	3.43	12.01	3.38	0.56	2588.12	2579.00	
0.008725	0.047	0.100	0.045	0.100	0.30	-0.00	39.00	
	2577.90	80.	80.	80.	25.	24.	88.23	44.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		50 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3685 NO TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

3495 OVBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2588.00 ELREA= 2588.00

0.52	2300.	0.	2300.	0.	3.84	20	19.	
2586.47	2586.47	0.	146.	0.	1.92	8	2578.70	
7.87	0.0	0.0	15.73	0.0	0.53	2590.31	2580.20	
0.022802	0.047	0.120	0.055	0.120	0.96	0.0	103.00	
	2578.60	40.	40.	40.	10.	10.	122.00	45.

HC2

SPECIAL BRIDGE

5227 DOWNSTREAM ELEV IS 2586.22 ,NOT 2586.47
 HYDRAULIC JUMP OCCURS DOWNSTREAM (IF LOW FLOW CONTROLS)

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	16.00	0.01	166.00	0.0
	ELCHU	ELCHD						
	2577.90	2577.90						

*SECNO .520

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			50 YEAR FLOOD		08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2591.23	2590.33	0.0	0.	2300.	166.	166.	2588.30
ELTRD							
2591.60							

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 2592.00 ELREA= 2592.00

0.52	2300.	0.	2300.	0.	2.12	3	19.	
2589.11	0.0	0.	197.	0.	-1.72	0	2578.70	
10.51	0.0	0.0	11.70	0.0	0.93	2591.23	2580.20	
0.007016	0.047	0.100	0.050	0.100	0.0	-0.00	103.00	
	2578.60	30.	30.	30.	10.	10.	122.00	45.

*SECNO .520

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.52	2300.	247.	1677.	376.	0.33	3	93.	
2591.18	0.0	147.	319.	208.	-1.80	0	2580.60	
12.78	0.0	1.67	5.25	1.81	0.09	2591.51	2580.20	
0.001153	0.047	0.100	0.050	0.100	0.18	-0.00	27.29	
	2578.40	40.	40.	40.	85.	46.	157.96	45.

*SECNO .650

0.65	2300.	78.	1522.	700.	0.26	2	232.
2592.27	0.0	116.	313.	346.	-0.06	0	2590.40
10.77	0.0	0.67	4.86	2.02	1.02	2592.54	2584.50

102

0.001795	0.048	0.100	0.050	0.100	0.01	-0.00	387.32	
	2581.50	720.	720.	720.	132.	100.	619.73	57.

*SECNO .650								
0.65	2300.	77.	1844.	378.	0.23	2	238.	
2592.37	0.0	126.	435.	235.	-0.03	0	2590.40	
10.87	0.0	0.61	4.24	1.61	0.06	2592.60	2585.40	
0.001359	0.048	0.100	0.050	0.100	0.00	-0.00	384.26	
	2581.50	40.	40.	40.	143.	94.	621.93	58.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	22.00	2.00	339.00	2.60
	ELCHU	ELCHD						
	2582.70	2582.70						

*SECNO .650

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2593.52	2592.99	0.02	212.	2081.	339.	339.	2590.90
ELTRD							
2592.40							

0.65	2300.	38.	1861.	401.	0.27	2	205.	
2593.03	0.0	69.	406.	203.	0.04	0	2591.60	
10.33	0.0	0.56	4.59	1.98	0.71	2593.31	2586.60	
0.001417	0.048	0.080	0.045	0.080	0.0	-0.00	404.40	
	2582.70	30.	30.	30.	123.	82.	609.01	58.

*SECNO .650

RACCOON CREEK								
50 YEAR FLOOD 08/01/81								
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	CLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.65	2300.	43.	1507.	750.	0.29	0	206.	
2593.04	0.0	70.	296.	314.	0.02	0	2591.60	
10.34	0.0	0.62	5.09	2.39	0.02	2593.33	2585.70	
0.001714	0.048	0.080	0.045	0.080	0.01	-0.00	403.53	
	2582.70	10.	10.	10.	116.	90.	609.33	58.

*SECNO .820

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK								
50 YEAR FLOOD 08/01/81								
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	

J02

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

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

0.82	2300.	160.	1283.	858.	0.82	8	376.	
2595.81	2595.81	66.	134.	420.	0.53	13	2590.00	
9.41	0.0	2.42	9.55	2.04	2.38	2596.63	2591.00	
0.005378	0.046	0.074	0.040	0.074	0.26	-0.00	157.27	
	2586.40	850.	850.	850.	51.	326.	533.52	71.

*SECNO .820

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

0.82	1500.	118.	637.	745.	0.13	3	394.	
2596.66	0.0	107.	149.	690.	-0.69	0	2590.00	
10.26	0.0	1.11	4.26	1.08	0.09	2596.79	2591.00	
0.000926	0.046	0.074	0.040	0.074	0.07	-0.00	144.52	
	2586.40	40.	40.	40.	63.	330.	538.25	72.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	95.00	0.0
	ELCHU	ELCHD						
	2586.70	2586.70						

*SECNO .820

*** GR CARDS REPEATED

6870 D.S. ENERGY OF 2596.79 HIGHER THAN COMPUTED ENERGY OF 2596.77
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2602.85	2596.79	0.00	1292.	199.	95.	94.	2593.00
ELTRD							
2594.00							

0.82	1500.	118.	636.	745.	0.13	2	394.	
2596.66	0.0	107.	150.	691.	-0.00	0	2590.00	
10.26	0.0	1.11	4.26	1.08	0.0	2596.79	2591.00	
0.000924	0.046	0.074	0.040	0.074	0.0	-0.00	144.48	
	2586.40	30.	30.	30.	64.	330.	538.27	72.

*SECNO .820

*** GR CARDS REPEATED

0.82	1500.	119.	635.	747.	0.13	0	394.	
2596.67	0.0	107.	150.	694.	-0.00	0	2590.00	

K02

10.27	0.0	1.10	4.24	1.08	0.01	2596.80	2591.00	
0.000916	0.046	0.074	0.040	0.074	0.00	-0.00	144.35	
	2586.40	10.	10.	10.	64.	330.	538.31	73.

*SECNO .950

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

50 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.95	1480.	31.	1420.	28.	0.80	2	71.	
2597.50	0.0	20.	193.	21.	0.68	0	2595.40	
8.30	0.0	1.59	7.34	1.36	1.17	2598.30	2596.40	
0.005328	0.046	0.080	0.045	0.080	0.34	-0.00	85.76	
	2589.20	640.	640.	640.	33.	39.	157.10	81.

*SECNO 1.140

3301 HV CHANGED MORE THAN HVINS

1.14	1440.	617.	528.	295.	0.20	4	199.	
2603.14	0.0	369.	96.	150.	-0.60	0	2600.30	
6.94	0.0	1.67	5.50	1.97	4.99	2603.35	2598.00	
0.002300	0.044	0.085	0.040	0.085	0.06	-0.00	270.73	
	2596.20	1480.	1480.	1480.	143.	55.	489.46	96.

*SECNO 1.400

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

50 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.40	1390.	83.	953.	354.	0.84	20	224.	
2609.86	2609.86	31.	109.	232.	0.63	6	2606.10	
6.86	0.0	2.68	8.78	1.53	2.23	2610.70	2607.00	
0.006521	0.044	0.080	0.040	0.095	0.32	-0.00	195.75	
	2603.00	620.	620.	620.	24.	200.	420.03	103.

*SECNO 1.400

*** GR CARDS REPEATED

1.40	1390.	95.	811.	483.	0.42	3	272.	
2610.50	0.0	55.	121.	354.	-0.42	0	2606.10	

L02

7.50	0.0	1.74	6.70	1.36	0.18	2610.92	2607.00	
0.003278	0.044	0.080	0.040	0.095	0.04	-0.00	156.65	
	2603.00	40.	40.	40.	63.	209.	428.65	103.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	126.00	0.79
	ELCHU	ELCHD						
	2603.30	2603.30						

*SECNO 1.400

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2611.37	2611.13	0.00	647.	744.	126.	126.	2609.60
ELTRD							
2609.50							

1.40	1390.	120.	695.	575.	0.22	2	286.	
2611.15	0.0	92.	134.	488.	-0.20	0	2606.10	
8.15	0.0	1.31	5.18	1.18	0.45	2611.37	2607.00	
0.001706	0.044	0.080	0.040	0.095	0.0	-0.00	152.16	
	2603.00	30.	30.	30.	68.	218.	437.68	104.

*SECNO 1.400

*** GR CARDS REPEATED
RACCOON CREEK

MILE	Q	QLOB	50 YEAR FLOOD QCH	QROB	08/01/81 HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.40	1390.	121.	692.	577.	0.21	0	286.	
2611.17	0.0	93.	135.	493.	-0.00	0	2606.10	
8.17	0.0	1.30	5.14	1.17	0.02	2611.38	2607.00	
0.001671	0.044	0.080	0.040	0.095	0.00	-0.00	152.00	
	2603.00	10.	10.	10.	68.	218.	437.98	104.

*SECNO 1.500

1.50	1340.	315.	650.	375.	0.59	3	130.	
2612.58	0.0	98.	79.	113.	0.38	0	2610.20	
6.18	0.0	3.21	8.21	3.31	1.60	2613.18	2610.20	
0.006953	0.044	0.060	0.040	0.060	0.19	-0.00	279.72	
	2606.40	500.	580.	500.	63.	67.	409.65	110.

*SECNO 1.690

1.69	1340.	104.	440.	796.	0.27	13	351.
2619.94	2619.68	52.	69.	320.	-0.32	14	2618.90

M02

4.64	0.0	2.01	6.39	2.49	7.00	2620.21	2618.40	
0.006280	0.043	0.060	0.040	0.060	0.03	-0.00	277.06	
	2615.30	1060.	1060.	1060.	63.	288.	627.60	119.

*SECNO 1.910

3265 DIVIDED FLOW

RACCOON CREEK

50 YEAR FLOOD 08/01/81

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

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

1.91	1300.	439.	776.	85.	0.67	10	277.	
2629.21	2629.21	182.	94.	55.	0.40	8	2625.60	
5.21	0.0	2.41	8.30	1.54	8.49	2629.89	2626.70	
0.011964	0.044	0.080	0.050	0.095	0.20	-0.00	315.71	
	2624.00	1010.	1010.	1010.	187.	99.	601.65	128.

*SECNO 1.910

*** GR CARDS REPEATED

1.91	1300.	562.	583.	154.	0.22	3	299.	
2629.96	0.0	315.	110.	123.	-0.45	0	2625.60	
5.96	0.0	1.79	5.30	1.26	0.25	2630.18	2626.70	
0.003936	0.044	0.080	0.050	0.095	0.05	-0.00	307.95	
	2624.00	40.	40.	40.	195.	104.	607.40	128.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	13.00	0.01	52.00	0.0
	ELCHU	ELCHD						
	2623.70	2623.70						

*SECNO 1.910

*** GR CARDS REPEATED

RACCOON CREEK

50 YEAR FLOOD 08/01/81

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

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2645.49	2630.18	0.00	1133.	168.	52.	51.	2627.60
	ELTRD						
	2627.80						

A03

1.91	1300.	569.	572.	159.	0.20	2	301.	
2630.02	0.0	326.	111.	128.	-0.02	0	2625.60	
6.02	0.0	1.75	5.14	1.24	0.04	2630.22	2626.70	
0.003639	0.044	0.080	0.050	0.095	0.0	-0.00	307.35	
	2624.00	30.	30.	30.	196.	105.	607.86	128.

*SECNO 1.910

1.91	1300.	525.	593.	183.	0.22	1	237.	
2630.16	0.0	265.	114.	142.	0.01	0	2625.60	
6.16	0.0	1.98	5.18	1.29	0.14	2630.37	2626.70	
0.003566	0.044	0.080	0.050	0.095	0.01	-0.00	372.09	
	2624.00	40.	40.	40.	131.	106.	608.93	129.

*SECNO 2.100

RACCOON CREEK

50 YEAR FLOOD 08/01/81

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

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

2.10	1300.	0.	529.	771.	0.47	10	266.	
2635.86	2635.86	0.	69.	245.	0.25	14	2635.70	
4.36	0.0	0.01	7.69	3.15	5.71	2636.32	2635.80	
0.014180	0.044	0.120	0.045	0.060	0.12	-0.00	76.47	
	2631.50	880.	880.	940.	12.	254.	342.37	138.

*SECNO 2.200

*** GR CARDS REPEATED

2.20	1300.	2.	308.	990.	0.06	6	317.	
2637.83	0.0	5.	103.	638.	-0.40	0	2636.20	
5.83	0.0	0.37	3.00	1.55	1.53	2637.89	2636.30	
0.001259	0.044	0.120	0.045	0.060	0.04	-0.00	71.40	
	2632.00	540.	540.	500.	17.	300.	388.64	144.

*SECNO 2.250

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

50 YEAR FLOOD 08/01/81

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

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

2.25	1300.	0.	782.	518.	0.60	20	272.	
2640.55	2640.55	0.	101.	211.	0.54	8	2640.70	

B03

6.25	0.0	0.0	7.75	2.46	0.56	2641.15	2640.50	
0.010786	0.044	0.120	0.045	0.060	0.27	-0.00	324.32	
	2634.30	200.	200.	200.	13.	259.	596.26	146.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		50 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTN	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=					2642.50	ELREA=	2642.50	
2.25	1300.	0.	1300.	0.	2.17	20	26.	
2640.90	2640.90	0.	110.	0.	1.58	8	2640.70	
6.60	0.0	0.0	11.83	0.0	0.61	2643.07	2640.50	
0.022817	0.044	0.120	0.045	0.060	0.79	0.0	324.00	
	2634.30	40.	40.	40.	13.	13.	350.00	146.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	7.00	0.01	50.00	0.0
	ELCHU	ELCHD						
	2635.20	2635.20						

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2657.69	2643.07	0.03	584.	717.	50.	52.	2642.60	
ELTRD								
2644.80								
2.25	1300.	24.	218.	1058.	0.01	0	482.	
2646.00	0.0	150.	243.	2001.	-2.17	0	2640.70	
11.70	0.0	0.16	0.90	0.53	2.94	2646.01	2640.50	
0.000046	0.044	0.120	0.045	0.060	0.0	-0.00	267.33	
	2634.30	30.	30.	30.	70.	412.	749.25	147.

C03

*SECNO 2.250

*** GR CARDS REPEATED

2.25	1300.	24.	218.	1058.	0.01	2	482.	
2646.00	0.0	150.	243.	1999.	0.00	0	2640.70	
11.70	0.0	0.16	0.90	0.53	0.00	2646.01	2640.50	
0.000046	0.044	0.120	0.045	0.060	0.00	-0.00	267.39	
	2634.30	10.	10.	10.	70.	412.	749.11	148.

D03

THIS RUN EXECUTED 08/01/81 8:21:32

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

T1	WAYNESVILLE NC	1615
T2	100 YEAR FLOOD	1620
T3	RACCOON CREEK	1625

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	4.	0.	0.	0.00440	0.	0.0	0.	0.0	0.0	1630

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	3.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	1635

E03

*PROF 3

CCHV= 0.100 CEHV= 0.500

*SECNO .160

2096 WSEL NOT GIVEN,AVG OF MAX,MIN USED

RACCOON CREEK

100 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.16	2800.	332.	1824.	644.	0.79	0	135.	
2577.80	0.0	158.	210.	334.	0.50	0	2568.80	
10.50	0.0	2.10	8.70	1.93	0.0	2578.59	2570.80	
0.004385	0.0	0.130	0.050	0.140	0.0	-0.00	69.22	
	2567.30	0.	0.	0.	46.	88.	203.85	0.

*SECNO .160

*** GR CARDS REPEATED

0.16	2800.	341.	1796.	663.	0.72	2	136.	
2578.05	0.0	167.	215.	353.	-0.07	0	2568.80	
10.75	0.0	2.04	8.36	1.88	0.17	2578.76	2570.80	
0.003923	0.049	0.130	0.050	0.140	0.01	-0.00	68.90	
	2567.30	40.	40.	40.	47.	89.	204.61	1.

*SECNO .160

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	2800.	0.	2800.	0.	0.16	2	126.	
2578.66	0.0	0.	874.	0.	-0.56	0	2582.80	
10.26	0.0	0.0	3.21	0.0	0.00	2578.82	2583.20	
0.003348	0.048	0.130	0.050	0.140	0.06	-0.00	80.08	
	2568.40	1.	1.	1.	73.	68.	221.57	1.

*SECNO .160

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	2800.	0.	2800.	0.	0.15	0	127.	
2578.77	0.0	0.	887.	0.	-0.00	0	2582.80	
10.37	0.0	0.0	3.16	0.0	0.10	2578.92	2583.20	
0.003227	0.048	0.130	0.050	0.140	0.00	-0.00	79.93	

F03

2568.40 30. 30. 30. 74. 68. 221.74 1.

*SECNO .160

RACCOON CREEK		100 YEAR FLOOD				08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	
0.16	2800.	358.	1741.	701.	0.60	2	138.		
2578.55	0.0	185.	225.	393.	0.44	0	2568.80		
11.25	0.0	1.93	7.73	1.79	0.00	2579.14	2570.80		
0.003144	0.047	0.130	0.050	0.140	0.22	-0.00	68.24		
	2567.30	1.	1.	1.	47.	91.	206.18	1.	

*SECNO .160

*** GR CARDS REPEATED

0.16	2800.	358.	1738.	703.	0.59	0	138.		
2578.59	0.0	186.	226.	395.	-0.01	0	2568.80		
11.29	0.0	1.92	7.69	1.78	0.03	2579.18	2570.80		
0.003103	0.047	0.130	0.050	0.140	0.00	-0.00	68.20		
	2567.30	10.	10.	10.	47.	91.	206.27	1.	

*SECNO .210

0.21	2800.	227.	2317.	256.	1.07	2	138.		
2579.04	0.0	106.	255.	153.	0.48	0	2574.40		
10.34	0.0	2.15	9.09	1.67	0.70	2580.11	2576.10		
0.006585	0.049	0.130	0.050	0.130	0.24	-0.00	55.19		
	2568.70	160.	160.	160.	54.	84.	193.39	4.	

*SECNO .210

*** GR CARDS REPEATED

0.21	2800.	251.	2239.	310.	0.86	2	146.		
2579.57	0.0	127.	271.	190.	-0.22	0	2574.40		
10.87	0.0	1.97	8.25	1.63	0.29	2580.42	2576.10		
0.005000	0.049	0.130	0.050	0.130	0.02	-0.00	50.63		
	2568.70	50.	50.	50.	59.	87.	196.95	5.	

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	12.00	0.01	68.00	0.0
	ELCHU	ELCHD						
	2568.00	2568.00						

*SECNO .210

*** GR CARDS REPEATED

6870 D.S. ENERGY OF 2580.42 HIGHER THAN COMPUTED ENERGY OF 2580.36
PRESSURE AND WEIR FLOW

G03

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2621.69	2580.42	0.00	2442.	385.	68.	67.	2573.60	
ELTRD								
2574.50								
0.21	2800.	250.	2240.	310.	0.86	3	146.	
2579.56	0.0	127.	271.	189.	0.00	0	2574.40	
10.86	0.0	1.97	8.26	1.63	0.0	2580.42	2576.10	
0.005016	0.049	0.130	0.050	0.130	0.0	-0.00	50.68	
	2568.70	30.	30.	30.	59.	87.	196.91	5.

*SECNO .210

*** GR CARDS REPEATED
RACCOON CREEK

MILE	Q	QLOB	100 YEAR FLOOD	QCH	QROB	08/01/81	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	
0.21	2800.	254.	2229.	317.	0.83	2	147.		
2579.64	0.0	131.	273.	195.	-0.03	0	2574.40		
10.94	0.0	1.94	8.15	1.63	0.05	2580.47	2576.10		
0.004823	0.049	0.130	0.050	0.130	0.00	-0.00	50.02		
	2568.70	10.	10.	10.	59.	88.	197.43	5.	

*SECNO .260

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

MILE	Q	QLOB	100 YEAR FLOOD	QCH	QROB	08/01/81	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

0.26	2800.	318.	2269.	213.	2.49	20	115.		
2581.75	2581.75	102.	162.	90.	1.66	8	2574.00		
11.35	0.0	3.11	14.00	2.37	0.69	2584.24	2573.20		
0.014066	0.050	0.140	0.055	0.130	0.83	-0.00	557.65		
	2570.40	90.	90.	90.	45.	151.	754.29	6.	

*SECNO .260

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

H03

0.26	2800.	483.	1744.	573.	0.76	5	298.	
2584.00	0.0	299.	198.	378.	-1.73	0	2574.00	
13.61	0.0	1.62	8.80	1.52	0.35	2584.77	2573.20	
0.004253	0.050	0.140	0.055	0.130	0.17	-0.00	458.25	
	2570.40	50.	50.	50.	145.	153.	755.98	7.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	32.00	0.01	272.00	0.0
	ELCHU	ELCHD						
	2570.50	2570.50						

*SECNO .260
 PRESS FLOW BECAUSE EGLWC OF 2584.77 EXCEEDS 1.5 DEPTH
 6870 D.S, ENERGY OF 2584.77 HIGHER THAN COMPUTED ENERGY OF 2584.40

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2586.64	2584.77	0.00	1723.	1080.	272.	272.	2579.00
ELTRD							
2578.80							

0.26	2800.	1518.	495.	786.	0.01	2	419.	
2584.75	0.0	1914.	338.	1016.	-0.75	0	2574.00	
14.35	0.0	0.79	1.47	0.77	0.0	2584.77	2574.20	
0.000107	0.050	0.080	0.055	0.080	0.0	-0.00	337.66	
	2570.40	30.	30.	30.	272.	147.	756.54	8.

*SECNO .260

*** GR CARDS REPEATED

0.26	2800.	1518.	495.	786.	0.01	2	419.	
2584.76	0.0	1915.	338.	1017.	-0.00	0	2574.00	
14.36	0.0	0.79	1.47	0.77	0.01	2584.77	2574.20	
0.000107	0.051	0.080	0.055	0.080	0.00	-0.00	337.59	
	2570.40	50.	50.	50.	272.	147.	756.54	12.

*SECNO .400

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.40	2800.	820.	1165.	815.	0.17	0	322.	
2584.83	0.0	624.	239.	520.	0.16	0	2580.00	
11.63	0.0	1.31	4.88	1.57	0.15	2585.00	2579.00	
0.001339	0.048	0.100	0.045	0.100	0.08	-0.00	405.93	

2573.20 580. 580. 580. 197. 126. 728.05 43.

*SECNO .460

3301 HV CHANGED MORE THAN HVINS

0.46	2800.	20.	2733.	47.	1.16	1	59.	
2585.08	0.0	13.	312.	26.	0.99	0	2580.00	
9.08	0.0	1.55	8.75	1.82	0.74	2586.24	2580.00	
0.004969	0.047	0.100	0.045	0.100	0.49	-0.00	41.62	
	2576.00	320.	320.	320.	27.	31.	100.28	49.

*SECNO .500

0.50	2800.	109.	2627.	64.	1.57	2	54.	
2586.73	0.0	45.	254.	30.	0.41	0	2580.00	
9.53	0.0	2.40	10.36	2.13	1.85	2588.30	2581.00	
0.006002	0.047	0.100	0.045	0.100	0.20	-0.00	36.54	
	2577.20	340.	340.	340.	28.	25.	90.47	52.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	2800.	252.	2333.	215.	2.24	2	52.	
2586.97	0.0	68.	179.	59.	0.67	0	2579.10	
9.07	0.0	3.72	13.07	3.67	0.58	2589.22	2579.00	
0.009091	0.047	0.100	0.045	0.100	0.34	-0.00	37.45	
	2577.90	80.	80.	80.	27.	25.	89.64	53.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	2800.	392.	1900.	508.	1.17	11	72.	
2588.48	0.0	119.	185.	152.	-1.07	0	2578.70	
9.88	0.0	3.30	10.30	3.34	0.32	2589.65	2580.20	
0.007160	0.047	0.120	0.055	0.120	0.11	-0.00	79.50	
	2578.60	40.	40.	40.	33.	39.	151.21	53.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	16.00	0.01	166.00	0.0
	ELCHU	ELCHD						
	2577.90	2577.90						

*SECNO .520

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK	100 YEAR FLOOD	08/01/81		
MILE	Q	QLOB	QCH	QROB
			HV	ITRIAL
				TOPWID

J03

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

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2595.54	2592.06	0.00	650.	2151.	166.	166.	2588.30	

ELTRD
2591.60

0.52	2800.	531.	1611.	658.	0.38	2	181.	
2592.27	0.0	275.	257.	323.	-0.79	0	2578.70	
13.67	0.0	1.93	6.28	2.04	3.00	2592.65	2580.20	
0.001420	0.047	0.100	0.050	0.100	0.0	-0.00	21.64	
	2578.60	30.	30.	30.	91.	90.	202.18	53.

*SECNO .520

0.52	2800.	351.	1955.	494.	0.35	2	148.	
2592.35	0.0	223.	350.	259.	-0.02	0	2580.60	
13.95	0.0	1.57	5.59	1.91	0.05	2592.70	2580.20	
0.001159	0.047	0.100	0.050	0.100	0.00	-0.00	26.59	
	2578.40	40.	40.	40.	85.	62.	174.12	54.

*SECNO .650

0.65	2800.	236.	1687.	877.	0.23	2	352.	
2593.41	0.0	264.	357.	489.	-0.13	0	2590.40	
11.91	0.0	0.89	4.73	1.79	0.92	2593.64	2584.50	
0.001421	0.048	0.100	0.050	0.100	0.01	-0.00	349.07	
	2581.50	720.	720.	720.	170.	182.	701.28	70.

*SECNO .650

0.65	2800.	220.	2072.	509.	0.21	1	359.	
2593.48	0.0	273.	496.	362.	-0.02	0	2590.40	
11.98	0.0	0.80	4.18	1.40	0.05	2593.69	2585.40	
0.001112	0.048	0.100	0.050	0.100	0.00	-0.00	343.40	
	2581.50	40.	40.	40.	184.	174.	701.98	71.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	22.00	2.00	339.00	2.60
	ELCHU	ELCHD						
	2582.70	2582.70						

*SECNO .650

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2595.17	2593.70	0.02	945.	1880.	339.	339.	2590.90	

K03

ELTRD
2592.40

0.65	2800.	152.	2129.	519.	0.27	2	263.	
2593.98	0.0	176.	458.	265.	0.06	0	2591.60	
11.28	0.0	0.87	4.65	1.96	0.56	2594.24	2586.60	
0.001242	0.048	0.080	0.045	0.080	0.0	-0.00	370.74	
	2582.70	30.	30.	30.	157.	106.	633.33	72.

*SECNO .650

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

0.65	2800.	169.	1707.	925.	0.28	0	263.	
2593.98	0.0	177.	333.	391.	0.01	0	2591.60	
11.28	0.0	0.95	5.13	2.37	0.01	2594.26	2585.70	
0.001489	0.048	0.080	0.045	0.080	0.01	-0.00	370.38	
	2582.70	10.	10.	10.	149.	114.	633.66	72.

*SECNO .820

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTII ASSUMED

0.82	2800.	203.	1425.	1171.	0.87	5	382.	
2596.08	2596.08	78.	139.	505.	0.60	9	2590.00	
9.68	0.0	2.62	10.25	2.32	2.24	2596.95	2591.00	
0.005910	0.046	0.074	0.040	0.074	0.30	-0.00	153.26	
	2586.40	850.	850.	850.	55.	327.	535.01	88.

*SECNO .820

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

0.82	1900.	156.	739.	1005.	0.15	3	400.	
2596.97	0.0	124.	155.	791.	-0.72	0	2590.00	
10.57	0.0	1.25	4.77	1.27	0.10	2597.12	2591.00	
0.001104	0.046	0.074	0.040	0.074	0.07	-0.00	139.83	
	2586.40	40.	40.	40.	68.	332.	539.99	89.

L03

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	95.00	0.0
	ELCHU	ELCHD						
	2586.70	2586.70						

*SECNO .820

*** GR CARDS REPEATED
 6870 D.S. ENERGY OF 2597.12 HIGHER THAN COMPUTED ENERGY OF 2597.10
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2606.91	2597.12	0.00	1686.	217.	95.	94.	2593.00

ELTRD
2594.00

0.82	1900.	156.	739.	1005.	0.15	2	400.	
2596.97	0.0	125.	155.	792.	-0.00	0	2590.00	
10.57	0.0	1.25	4.76	1.27	0.0	2597.12	2591.00	
0.001101	0.046	0.074	0.040	0.074	0.0	-0.00	139.78	
	2586.40	30.	30.	30.	68.	332.	540.01	89.

*SECNO .820

*** GR CARDS REPEATED

0.82	1900.	156.	737.	1007.	0.15	0	400.	
2596.98	0.0	125.	155.	795.	-0.00	0	2590.00	
10.58	0.0	1.25	4.74	1.27	0.01	2597.13	2591.00	
0.001090	0.046	0.074	0.040	0.074	0.00	-0.00	139.62	
	2586.40	10.	10.	10.	68.	332.	540.07	90.

*SECNO .950

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			100 YEAR FLOOD			08/01/81		
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.95	1860.	56.	1748.	56.	1.04	2	75.	
2597.92	0.0	27.	208.	31.	0.89	0	2595.40	
8.72	0.0	2.08	8.42	1.81	1.39	2598.96	2596.40	
0.006382	0.046	0.080	0.045	0.080	0.44	-0.00	84.69	
	2589.20	640.	640.	640.	34.	41.	159.48	100.

*SECNO 1.140

3301 HV CHANGED MORE THAN HVINS

M03

1.14	1810.	839.	597.	374.	0.20	3	205.	
2603.84	0.0	462.	107.	184.	-0.84	0	2600.30	
7.64	0.0	1.82	5.59	2.04	4.99	2604.04	2598.00	
0.002056	0.044	0.085	0.040	0.085	0.08	-0.00	267.32	
	2596.20	1480.	1480.	1480.	147.	58.	472.37	117.

*SECNO 1.400

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		100 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

1.40	1740.	110.	1082.	548.	0.86	20	267.	
2610.24	2610.24	42.	116.	305.	0.66	10	2606.10	
7.24	0.0	2.62	9.31	1.80	2.09	2611.10	2607.00	
0.006699	0.044	0.080	0.040	0.095	0.33	-0.00	158.34	
	2603.00	620.	620.	620.	62.	205.	425.26	126.

*SECNO 1.400

*** GR CARDS REPEATED

1.40	1740.	138.	924.	678.	0.44	3	280.	
2610.89	0.0	76.	129.	433.	-0.42	0	2606.10	
7.89	0.0	1.80	7.17	1.57	0.19	2611.33	2607.00	
0.003455	0.044	0.080	0.040	0.095	0.04	-0.00	153.99	
	2603.00	40.	40.	40.	66.	214.	434.00	126.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	126.00	0.79
	ELCHU	ELCHD						
	2603.30	2603.30						

*SECNO 1.400

*** GR CARDS REPEATED

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2611.72	2611.49	0.00	1015.	730.	126.	126.	2609.60
	ELTRD						
	2609.50						
1.40	1740.	165.	815.	761.	0.26	2	292.
2611.46	0.0	110.	141.	554.	-0.18	0	2606.10

AD4

8.46	0.0	1.49	5.79	1.37	0.39	2611.72	2607.00	
0.002010	0.044	0.080	0.040	0.095	0.0	-0.00	150.00	
	2603.00	30.	30.	30.	70.	222.	442.00	127.

*SECNO 1.400

*** GR CARDS REPEATED
RACCOON CREEK

MILE	Q	QLOB	100 YEAR FLOOD QCN	QROB	08/01/81 HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.40	1740.	166.	811.	763.	0.26	0	292.	
2611.49	0.0	112.	141.	559.	-0.01	0	2606.10	
8.49	0.0	1.49	5.75	1.37	0.02	2611.74	2607.00	
0.001970	0.044	0.080	0.040	0.095	0.00	-0.00	149.85	
	2603.00	10.	10.	10.	70.	222.	442.32	127.

*SECNO 1.500

1.50	1660.	431.	721.	508.	0.58	3	138.	
2613.05	0.0	125.	86.	142.	0.32	0	2610.20	
6.65	0.0	3.45	8.36	3.57	1.73	2613.63	2610.20	
0.006432	0.044	0.060	0.040	0.060	0.16	-0.00	274.92	
	2606.40	500.	580.	500.	68.	71.	413.41	134.

*SECNO 1.690

1.69	1660.	142.	491.	1026.	0.28	13	381.	
2620.16	2619.84	64.	73.	324.	-0.30	18	2618.90	
4.86	0.0	2.23	6.70	2.67	6.78	2620.44	2618.40	
0.006359	0.043	0.060	0.040	0.060	0.03	-0.00	273.47	
	2615.30	1060.	1060.	1060.	67.	314.	654.21	144.

*SECNO 1.910

3265 DIVIDED FLOW

MILE	Q	QLOB	100 YEAR FLOOD QCN	QROB	08/01/81 HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

1.91	1600.	604.	857.	139.	0.66	7	287.	
2629.48	2629.48	227.	99.	79.	0.38	8	2625.60	
5.48	0.0	2.66	8.62	1.76	8.53	2630.14	2626.70	
0.011911	0.044	0.080	0.050	0.095	0.19	-0.00	312.95	
	2624.00	1010.	1010.	1010.	190.	101.	603.69	155.

*SECNO 1.910

804

*** GR CARDS REPEATED

1.91	1600.	727.	661.	212.	0.24	2	304.	
2630.21	0.0	362.	116.	147.	-0.42	0	2625.60	
6.21	0.0	2.01	5.72	1.44	0.27	2630.45	2626.70	
0.004276	0.044	0.080	0.050	0.095	0.04	-0.00	305.29	
	2624.00	40.	40.	40.	198.	106.	609.38	155.

SPECIAL BRIDGE

SB	HK	XKOR	COFq	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	13.00	0.01	52.00	0.0
ELCHU	ELCHD							
2623.70	2623.70							

*SECNO 1.910

*** GR CARDS REPEATED

RACCOON CREEK			100 YEAR FLOOD		08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2653.73	2630.45	0.00	1437.	174.	52.	51.	2627.60
ELTRD							
2627.80							

1.91	1600.	732.	652.	216.	0.23	2	305.	
2630.26	0.0	371.	117.	151.	-0.01	0	2625.60	
6.26	0.0	1.97	5.59	1.42	0.04	2630.49	2626.70	
0.004047	0.044	0.080	0.050	0.095	0.0	-0.00	304.83	
	2624.00	30.	30.	30.	198.	107.	609.72	156.

*SECNO 1.910

1.91	1600.	665.	686.	249.	0.26	1	239.	
2630.41	0.0	296.	120.	166.	0.03	0	2625.60	
6.41	0.0	2.25	5.71	1.50	0.16	2630.67	2626.70	
0.004066	0.044	0.080	0.050	0.095	0.01	-0.00	371.78	
	2624.00	40.	40.	40.	131.	108.	610.90	156.

*SECNO 2.100

2.10	1600.	0.	561.	1039.	0.41	12	276.	
2636.15	2636.02	0.	76.	318.	0.15	14	2635.70	
4.65	0.0	0.48	7.43	3.27	5.82	2636.56	2635.80	
0.011678	0.044	0.120	0.045	0.060	0.08	-0.00	75.46	
	2631.50	880.	880.	940.	13.	263.	351.55	167.

*SECNO 2.200

C04

*** GR CARDS REPEATED

2.20	1600.	3.	357.	1240.	0.07	4	326.	
2638.10	0.0	6.	109.	716.	-0.34	0	2636.20	
6.10	0.0	0.44	3.28	1.73	1.58	2638.17	2636.30	
0.001397	0.044	0.120	0.045	0.060	0.03	-0.00	70.50	
	2632.00	540.	540.	500.	18.	308.	396.89	174.

*SECNO 2.250

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

100 YEAR FLOOD

08/01/81

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

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

2.25	1600.	0.	851.	749.	0.58	20	283.	
2640.78	2640.78	0.	107.	268.	0.51	9	2640.70	
6.48	0.0	0.01	7.96	2.79	0.60	2641.36	2640.50	
0.010732	0.044	0.120	0.045	0.060	0.25	0.0	323.14	
	2634.30	200.	200.	200.	14.	269.	606.01	177.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

100 YEAR FLOOD

08/01/81

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

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

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 2642.50 ELREA= 2642.50

2.25	1600.	0.	1600.	0.	2.47	20	26.	
2641.55	2641.55	0.	127.	0.	1.89	8	2640.70	
7.25	0.0	0.0	12.61	0.0	0.59	2644.02	2640.50	
0.021381	0.044	0.120	0.045	0.060	0.94	0.0	324.00	
	2634.30	40.	40.	40.	13.	13.	350.00	177.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	7.00	0.01	50.00	0.0

004

ELCHU ELCHD
2635.20 2635.20

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS EGLWC H3 QWEIR QPR BAREA TAREA ELLC
2666.99 2644.02 0.04 918. 693. 50. 52. 2642.60

ELTRD
2644.80

2.25	1600.	32.	260.	1309.	0.01	0	493.	
2646.32	0.0	169.	251.	2131.	-2.46	0	2640.70	
12.02	0.0	0.19	1.03	0.61	2.31	2646.33	2640.50	
0.000058	0.044	0.120	0.045	0.060	0.0	-0.00	263.91	
	2634.30	30.	30.	30.	73.	420.	757.38	178.

*SECNO 2.250

*** GR CARDS REPEATED

2.25	1600.	32.	260.	1308.	0.01	2	493.	
2646.32	0.0	169.	251.	2128.	0.00	0	2640.70	
12.02	0.0	0.19	1.04	0.61	0.00	2646.33	2640.50	
0.000058	0.044	0.120	0.045	0.060	0.00	-0.00	263.98	
	2634.30	10.	10.	10.	73.	420.	757.20	178.

E04

THIS RUN EXECUTED 08/01/81 8:21:41

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

T1	WAYNESVILLE NC	1640
T2	500 YEAR FLOOD	1645
T3	RACCON CREEK	1650

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	5.	0.	0.	0.00440	0.	0.0	0.	0.0	0.0	1655

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	TRACE	
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.	1660

*PROF 4

CCHV= 0.100 CEHV= 0.500

*SECNO .160

2096 WSEL NOT GIVEN, AVG OF MAX, MIN USED

RACCOON CREEK

500 YEAR FLOOD

08/01/81

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XLN	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.16	4035.	556.	2376.	1103.	0.89	0	142.	
2579.55	0.0	223.	246.	474.	0.50	0	2568.80	
12.25	0.0	2.50	9.64	2.33	0.0	2580.43	2570.80	
0.004347	0.0	0.130	0.050	0.140	0.0	-0.00	66.91	
	2567.30	0.	0.	0.	49.	94.	209.30	0.

*SECNO .160

*** GR CARDS REPEATED

0.16	4035.	565.	2348.	1122.	0.82	2	143.	
2579.78	0.0	232.	251.	494.	-0.06	0	2568.80	
12.48	0.0	2.44	9.34	2.27	0.17	2580.61	2570.80	
0.003974	0.049	0.130	0.050	0.140	0.01	-0.00	66.60	
	2567.30	40.	40.	40.	49.	95.	210.03	1.

*SECNO .160

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	4035.	0.	4035.	0.	0.21	2	132.	
2580.47	0.0	0.	1107.	0.	-0.62	0	2582.80	
12.07	0.0	0.0	3.65	0.0	0.00	2580.67	2583.20	
0.003926	0.048	0.130	0.050	0.140	0.06	-0.00	77.43	
	2568.40	1.	1.	1.	76.	71.	224.47	1.

*SECNO .160

*** GR CARDS REPEATED

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 2587.70 MAX ELLC= 2585.50

0.16	4035.	0.	4035.	0.	0.20	0	132.	
2580.59	0.0	0.	1122.	0.	-0.01	0	2582.80	
12.19	0.0	0.0	3.60	0.0	0.12	2580.79	2583.20	
0.003798	0.048	0.130	0.050	0.140	0.00	-0.00	77.26	

604

2568.40 30. 30. 30. 76. 71. 224.65 2.

*SECNO .160

RACCOON CREEK		500 YEAR FLOOD		08/01/81					
MILE	C	QLOB	QCH	QROB	HV	ITRIAL	TOPWID		
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV		
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT		
SLOPE	WTN	XNL	XNCH	XNR	LOSS	CORAR	SSTA		
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL	
0.16	4035.	584.	2286.	1165.	0.70	2	146.		
2580.34	0.0	253.	263.	542.	0.50	0	2568.80		
13.04	0.0	2.30	8.69	2.15	0.00	2581.04	2570.80		
0.003735	0.047	0.130	0.050	0.140	0.25	-0.00	65.86		
	2567.30	1.	1.	1.	50.	96.	211.78	2.	

*SECNO .160

*** GR CARDS REPEATED

0.16	4035.	585.	2282.	1168.	0.69	0	146.		
2580.38	0.0	255.	264.	544.	-0.01	0	2568.80		
13.08	0.0	2.30	8.65	2.14	0.03	2581.07	2570.80		
0.003196	0.047	0.130	0.050	0.140	0.00	-0.00	65.81		
	2567.30	10.	10.	10.	50.	96.	211.88	2.	

*SECNO .210

0.21	4030.	439.	2977.	613.	1.07	2	166.		
2580.86	0.0	190.	311.	288.	0.38	0	2574.40		
12.16	0.0	2.31	9.57	2.13	0.66	2581.93	2576.10		
0.005598	0.049	0.30	0.050	0.130	0.19	-0.00	39.73		
	2568.70	10.	160.	160.	70.	96.	205.60	5.	

*SECNO .210

*** GR CARDS REPEATED

0.21	4030.	469.	2900.	661.	0.91	2	171.		
2581.28	0.0	214.	324.	323.	-0.16	0	2574.40		
12.58	0.0	2.19	8.94	2.05	0.25	2582.20	2576.10		
0.004619	0.049	0.130	0.050	0.130	0.02	-0.00	37.65		
	2568.70	50.	50.	50.	72.	99.	208.50	6.	

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	12.00	0.01	68.00	0.0
	ELCHU	ELCHD						
	2568.00	2568.00						

*SECNO .210

*** GR CARDS REPEATED

6870 D.S. ENERGY OF 2582.20 HIGHER THAN COMPUTED ENERGY OF 2581.97
PRESSURE AND WEIR FLOW

H04

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2668.55	2582.20	0.00	3645.	357.	68.	67.	2573.60

ELTRD
2574.50

0.21	4030.	469.	2901.	661.	0.91	3	171.	
2581.28	0.0	214.	324.	323.	0.00	0	2574.40	
12.58	0.0	2.19	8.94	2.05	0.0	2582.20	2576.10	
0.004624	0.049	0.130	0.050	0.130	0.0	-0.00	37.67	
	2568.70	30.	30.	30.	72.	99.	208.48	7.

*SECNO .210

*** GR CARDS REPEATED
RACCOON CREEK

MILE	Q	QLOB	500 YEAR FLOOD QCH	QROB	08/01/81 HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.21	4030.	473.	2888.	668.	0.89	2	172.	
2581.35	0.0	218.	327.	329.	-0.02	0	2574.40	
12.65	0.0	2.17	8.85	2.03	0.05	2582.24	2576.10	
0.004485	0.049	0.130	0.050	0.130	0.00	-0.00	37.33	
	2568.70	10.	10.	10.	72.	99.	208.95	7.

*SECNO .260

3301 HV CHANGED MORE THAN HVINS

MILE	Q	QLOB	500 YEAR FLOOD QCH	QROB	08/01/81 HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.26	4025.	664.	2597.	764.	1.82	20	287.	
2583.76	2583.76	266.	194.	342.	0.93	8	2574.00	
13.36	0.0	2.50	13.37	2.23	0.58	2585.58	2573.20	
0.010086	0.050	0.140	0.055	0.130	0.47	-0.00	469.17	
	2570.40	90.	90.	90.	134.	153.	755.80	9.

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

0.26	4025.	664.	2597.	764.	1.82	20	287.	
2583.76	2583.76	266.	194.	342.	0.93	8	2574.00	
13.36	0.0	2.50	13.37	2.23	0.58	2585.58	2573.20	
0.010086	0.050	0.140	0.055	0.130	0.47	-0.00	469.17	
	2570.40	90.	90.	90.	134.	153.	755.80	9.

*SECNO .260

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

0.26	4025.	850.	2115.	1060.	0.80	4	352.
2585.22	0.0	495.	217.	553.	-1.03	C	2574.00

14.82	0.0	1.72	9.72	1.92	0.33	2586.01	2573.20	
0.004589	0.050	0.140	0.055	0.130	0.10	-0.00	405.22	
	2570.40	50.	50.	30.	198.	154.	756.88	10.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	32.00	0.01	272.00	0.0
	ELCHU	ELCHD						
	2570.50	2570.50						

*SECNO .260
 PRESS FLOW BECAUSE EGLWC OF 2586.01 EXCEEDS 1.5 DEPTH
 6870 D.S. ENERGY OF 2586.01 HIGHER THAN COMPUTED ENERGY OF 2585.61

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2590.66	2586.01	0.00	2958.	1077.	272.	272.	2579.00	
ELTRD								
2578.80								
0.26	4025.	2215.	660.	1150.	0.02	2	436.	
2585.99	0.0	2245.	369.	1183.	-0.78	0	2574.00	
15.59	0.0	0.99	1.79	0.97	0.0	2586.01	2574.20	
0.000142	0.050	0.080	0.055	0.080	0.0	-0.00	321.28	
	2570.40	30.	30.	30.	288.	148.	757.47	12.

*SECNO .260

*** GR CARDS REPEATED

0.26	4025.	2215.	660.	1150.	0.02	2	436.	
2586.00	0.0	2247.	369.	1184.	-0.00	0	2574.00	
15.60	0.0	0.99	1.79	0.97	0.01	2586.02	2574.20	
0.000142	0.051	0.080	0.055	0.080	0.00	-0.00	321.19	
	2570.40	50.	50.	50.	288.	148.	757.47	16.

*SECNO .400

RACCOON CRZEK 500 YEAR FLOOD 08/01/81
 MILE Q QLOB QCH QROB HV ITRIAL TOPWID
 ELEV CRIWS ALOB ACH AROB DHV IDC BANK ELEV
 DEPTH WSELK VLOB VCH VROB HL EG LEFT/RIGHT
 SLOPE WTN XNL XNCH XNR OLOSS CORAR SSTA
 ELMIN XLOBL XLCH XLOBR WSDL WSDR ENDST VOL

0.40	4000.	1361.	1440.	1197.	0.19	2	376.	
2586.10	0.0	887.	271.	670.	0.16	0	2580.00	
12.90	0.0	1.53	5.32	1.79	0.19	2586.29	2579.00	
0.001343	0.048	0.100	0.045	0.100	0.08	-0.00	359.88	
	2573.20	580.	580.	580.	243.	133.	735.51	54.

J04

*SECNO .460

3301 HV CHANGED MORE THAN HVINS

0.46	4000.	50.	3853.	96.	1.75	2	84.	
2586.13	0.0	31.	357.	39.	1.56	0	2580.00	
10.13	0.0	1.64	10.80	2.48	0.81	2587.88	2580.00	
0.006337	0.047	0.100	0.045	0.100	0.78	-0.00	20.91	
	2576.00	320.	320.	320.	48.	36.	104.52	62.

*SECNO .500

0.50	4000.	196.	3679.	125.	2.21	2	59.	
2588.16	0.0	67.	297.	47.	0.46	0	2580.00	
10.96	0.0	2.94	12.40	2.66	2.26	2590.37	2581.00	
0.006982	0.047	0.100	0.045	0.100	0.23	-0.00	33.68	
	2577.20	340.	340.	340.	31.	28.	93.09	65.

*SECNO .520

3301 HV CHANGED MORE THAN HVINS

0.52	4000.	410.	3237.	353.	3.09	2	58.	
2588.40	0.0	93.	208.	81.	0.88	0	2579.10	
10.50	0.0	4.40	15.53	4.35	0.68	2591.48	2579.00	
0.010446	0.047	0.100	0.045	0.100	0.44	-0.00	34.60	
	2577.90	80.	80.	80.	30.	28.	92.25	66.

*SECNO .520

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

0.52	4000.	640.	2552.	809.	1.34	4	88.	
2590.64	0.0	176.	226.	221.	-1.74	0	2578.70	
12.04	0.0	3.63	11.31	3.66	0.33	2591.98	2580.20	
0.006619	0.047	0.120	0.055	0.120	0.17	-0.00	26.21	
	2578.60	40.	40.	40.	86.	44.	156.60	66.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	WP	BAREA	SS
	1.25	1.60	3.00	0.0	16.00	0.01	166.00	0.0
ELCHU	ELCHD							
2577.90	2577.90							

*SECNO .520

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK			500 YEAR FLOOD		08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	

K04

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

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2605.07	2595.53	0.00	2103.	1917.	166.	166.	2588.30

ELTRD
2591.60

0.52	4000.	840.	2145.	1015.	0.53	2	186.	
2593.42	0.0	371.	278.	417.	-0.81	0	2578.70	
14.82	0.0	2.26	7.70	2.44	1.97	2593.95	2580.20	
0.001915	0.047	0.100	0.050	0.100	0.0	-0.00	18.41	
	2578.60	30.	30.	30.	94.	92.	204.54	67.

*SECNO .520

0.52	4000.	592.	2655.	753.	0.53	2	149.	
2593.49	0.0	307.	379.	315.	-0.00	0	2580.60	
15.09	0.0	1.93	7.00	2.39	0.07	2594.02	2580.20	
0.001627	0.047	0.100	0.050	0.100	0.00	-0.00	25.90	
	2578.40	40.	40.	40.	86.	63.	174.53	68.

*SECNO .650

0.65	4000.	629.	2058.	1313.	0.22	2	467.	
2594.88	0.0	578.	414.	740.	-0.31	0	2590.40	
13.38	0.0	1.09	4.97	1.77	1.04	2595.09	2584.50	
0.001289	0.048	0.100	0.050	0.100	0.03	-0.00	250.98	
	2581.50	720.	720.	720.	269.	199.	718.35	90.

*SECNO .650

0.65	4000.	584.	2573.	844.	0.21	0	469.	
2594.93	0.0	592.	576.	590.	-0.01	0	2590.40	
13.43	0.0	0.99	4.46	1.43	0.05	2595.14	2585.40	
0.001038	0.048	0.100	0.050	0.100	0.00	-0.00	250.37	
	2581.50	40.	40.	40.	277.	192.	719.02	92.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	22.00	2.00	339.00	2.60
	ELCHU	ELCHD						
	2582.70	2582.70						

*SECNO .650

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2598.39	2595.16	0.02	2479.	1521.	339.	339.	2590.90

ELTRD
2592.40

0.65	4000.	427.	2741.	831.	0.31	2	407.	
2595.12	0.0	355.	521.	431.	0.10	0	2591.60	
12.42	0.0	1.21	5.26	1.93	0.29	2595.43	2586.60	
0.001338	0.048	0.080	0.045	0.080	0.0	-0.00	300.54	
	2582.70	30.	30.	30.	227.	180.	707.28	93.

*SECNO .650

RACCOON CREEK		500 YEAR FLOOD		08/01/81				
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRIS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.65	4000.	467.	2168.	1365.	0.31	0	408.	
2595.14	0.0	356.	378.	576.	0.00	0	2591.60	
12.44	0.0	1.31	5.74	2.37	0.01	2595.45	2585.70	
0.001578	0.048	0.080	0.045	0.080	0.00	-0.00	299.63	
	2582.70	10.	10.	10.	220.	188.	707.39	93.

*SECNO .820

0.82	4000.	334.	1508.	2159.	0.60	3	403.	
2597.09	0.0	132.	157.	829.	0.29	0	2590.00	
10.69	0.0	2.53	9.59	2.60	2.10	2597.69	2591.00	
0.004386	0.046	0.074	0.040	0.074	0.15	-0.00	138.02	
	2586.40	850.	850.	850.	70.	333.	540.66	117.

*SECNO .820

*** GR CARDS REPEATED

0.82	2700.	241.	886.	1573.	0.17	3	415.	
2597.66	0.0	169.	168.	1017.	-0.44	0	2590.00	
11.26	0.0	1.42	5.29	1.55	0.09	2597.83	2591.00	
0.001224	0.046	0.074	0.040	0.074	0.04	-0.00	129.36	
	2586.40	40.	40.	40.	79.	336.	543.88	118.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	95.00	0.0
	ELCHU	ELCHD						
	2586.70	2586.70						

*SECNO .820

*** GR CARDS REPEATED

6870 D.S. ENERGY OF 2597.83 HIGHER THAN COMPUTED ENERGY OF 2597.82
PRESSURE AND WEIR FLOW

EGPRS EGLWC H3 QWEIR QPR BAREA TAREA ELLC

MO4

2617.73 2597.83 0.00 2441. 239. 95. 94. 2593.00

ELTRD
2594.00

0.82	2700.	241.	885.	1573.	0.17	2	415.	
2597.66	0.0	169.	168.	1017.	-0.00	0	2590.00	
11.26	0.0	1.42	5.28	1.55	0.0	2597.83	2591.00	
0.001223	0.046	0.074	0.040	0.074	0.0	-0.00	129.34	
	2586.40	30.	30.	30.	79.	336.	543.89	119.

*SECNO .820

*** GR CARDS REPEATED

0.82	2700.	241.	883.	1575.	0.17	0	415.	
2597.68	0.0	170.	168.	1021.	-0.00	0	2590.00	
11.28	0.0	1.42	5.26	1.54	0.01	2597.84	2591.00	
0.001212	0.046	0.074	0.040	0.074	0.00	-0.00	129.17	
	2586.40	10.	10.	10.	79.	336.	543.95	119.

*SECNO .950

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		500 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
0.95	2660.	116.	2415.	128.	1.56	2	80.	
2598.61	0.0	39.	230.	49.	1.40	0	2595.40	
9.41	0.0	2.95	10.49	2.62	1.63	2600.17	2596.40	
0.008639	0.046	0.080	0.045	0.080	0.70	-0.00	82.98	
	2589.20	640.	640.	640.	36.	45.	163.27	132.

*SECNO 1.140

3301 HV CHANGED MORE THAN HVINS

1.14	2610.	1328.	738.	544.	0.19	3	254.	
2605.10	0.0	666.	127.	251.	-1.37	0	2600.30	
8.90	0.0	1.99	5.81	2.17	4.99	2605.29	2598.00	
0.001762	0.044	0.085	0.040	0.085	0.14	-0.00	224.27	
	2596.20	1480.	1480.	1480.	190.	64.	477.78	155.

*SECNO 1.400

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		500 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISW	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	

A05

SLOPE	WTN ELMIN	XNL XLOBL	XNCH XLCH	XNR XLOBR	OLOSS WSDL	CORAR WSDR	SSTA ENDST	VOL
3685 20 TRIALS ATTEMPTED WSEL, CWSEL								
3693 PROBABLE MINIMUM SPECIFIC ENERGY								
3720 CRITICAL DEPTH ASSUMED								
1.40	2540.	194.	1380.	966.	1.04	20	278.	
2610.78	2610.78	71.	127.	413.	0.84	9	2606.10	
7.78	0.0	2.74	10.87	2.34	2.01	2611.82	2607.00	
0.008106	0.044	0.080	0.040	0.095	0.42	-0.00	154.65	
	2603.00	620.	620.	620.	65.	213.	432.67	167.

*SECNO 1.400

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

1.40	2540.	249.	1159.	1132.	0.50	4	295.	
2611.60	0.0	118.	143.	582.	-0.54	0	2606.10	
8.60	0.0	2.11	8.10	1.95	0.22	2612.09	2607.00	
0.003831	0.044	0.080	0.040	0.095	0.05	-0.00	149.13	
	2603.00	40.	40.	40.	71.	224.	443.76	167.

SPECIAL BRIDGE

5227 DOWNSTREAM ELEV IS 2611.37, NOT 2611.59
HYDRAULIC JUMP OCCURS DOWNSTREAM (IF LOW FLOW CONTROLS)

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	15.00	0.01	126.00	0.79
	ELCHU	ELCHD						
	2603.30	2603.30						

*SECNO 1.400

*** GR CARDS REPEATED
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC	
2612.37	2612.14	0.00	1838.	704.	126.	126.	2609.60	
	ELTRD							
	2609.50							
1.40	2540.	275.	1071.	1194.	0.36	2	303.	
2612.01	0.0	145.	152.	674.	-0.14	0	2606.10	
9.01	0.0	1.90	7.06	1.77	0.28	2612.37	2607.00	
0.002696	0.044	0.080	0.040	0.095	0.0	-0.00	146.21	
	2603.00	30.	30.	30.	74.	230.	449.62	168.

*SECNO 1.400

*** GR CARDS REPEATED
RACCOON CREEK

500 YEAR FLOOD 08/01/81

805

MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRISWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL
1.40	2540.	276.	1067.	1197.	0.35	0	304.	
2612.05	0.0	146.	152.	680.	-0.01	0	2606.10	
9.05	0.0	1.89	7.01	1.76	0.03	2612.40	2607.00	
0.002644	0.044	0.080	0.040	0.095	0.00	-0.00	146.04	
	2603.00	10.	10.	10.	74.	230.	449.96	168.

*SECNO 1.500

1.50	2460.	727.	896.	837.	0.62	2	153.	
2613.95	0.0	183.	100.	202.	0.27	0	2610.00	
7.55	0.0	3.97	8.99	4.14	2.03	2614.57	2610.00	
0.006128	0.044	0.060	0.040	0.060	0.14	-0.00	265.70	
	2606.40	500.	580.	500.	77.	78.	420.59	177.

*SECNO 1.690

1.69	2460.	244.	587.	1629.	0.28	6	423.	
2620.67	0.0	95.	84.	549.	-0.34	0	2618.90	
5.37	0.0	2.57	7.03	2.96	0.36	2620.96	2618.40	
0.005872	0.043	0.060	0.040	0.060	0.03	-0.00	265.08	
	2615.30	1060.	1060.	1060.	75.	348.	688.44	192.

*SECNO 1.910

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK

500 YEAR FLOOD

08/01/81

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

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

1.91	2400.	1029.	1091.	280.	0.79	10	299.	
2629.93	2629.93	308.	109.	119.	0.51	8	2625.60	
5.93	0.0	3.35	10.00	2.34	8.72	2630.72	2626.70	
0.014133	0.044	0.080	0.050	0.095	0.25	-0.00	308.36	
	2624.00	1010.	1010.	1010.	195.	104.	607.11	206.

*SECNO 1.910

*** GR CARDS REPEATED

1.91	2400.	1175.	849.	376.	0.30	2	314.	
2630.78	0.0	471.	128.	203.	-0.49	0	2625.60	
6.78	0.0	2.50	6.62	1.85	0.31	2631.08	2626.70	
0.004993	0.044	0.080	0.050	0.095	0.05	-0.00	299.39	
	2624.00	40.	40.	40.	204.	111.	613.77	207.

C05

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	13.00	0.01	52.00	0.0
	ELCHU	ELCHD						
	2623.70	2623.70						

*SECNO 1.910

*** GR CARDS REPEATED

RACCOON CREEK		500 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2683.71	2631.08	0.00	2228.	187.	52.	51.	2627.60

ELTRD
2627.80

1.91	2400.	1179.	842.	379.	0.29	2	315.	
2630.82	0.0	477.	129.	206.	-0.01	0	2625.60	
6.82	0.0	2.47	6.53	1.84	0.03	2631.10	2626.70	
0.004829	0.044	0.080	0.050	0.095	0.0	-0.00	299.06	
	2624.00	30.	30.	30.	204.	111.	614.01	207.

*SECNO 1.910

1.91	2400.	1045.	913.	442.	0.35	2	244.	
2630.99	0.0	364.	133.	223.	0.06	0	2625.60	
6.99	0.0	2.87	6.89	1.99	0.20	2631.34	2626.70	
0.005187	0.044	0.080	0.050	0.095	0.03	-0.00	371.08	
	2624.00	40.	40.	40.	132.	112.	615.26	208.

*SECNO 2.100

2.10	2400.	2.	649.	1749.	0.35	4	300.	
2636.84	0.0	2.	92.	500.	0.00	0	2635.70	
5.34	0.0	0.76	7.10	3.50	5.85	2637.19	2635.80	
0.008245	0.044	0.120	0.045	0.060	0.00	-0.00	73.08	
	2631.50	880.	980.	940.	15.	285.	373.29	222.

*SECNO 2.200

*** GR CARDS REPEATED

2.20	2400.	6.	473.	1921.	0.10	4	340.	
2638.71	0.0	11.	123.	900.	-0.25	0	2636.20	
6.71	0.0	0.57	3.85	2.13	1.59	2638.81	2636.30	
0.001634	0.044	0.120	0.045	0.060	0.02	-0.00	68.42	
	2632.00	540.	540.	500.	20.	320.	408.48	231.

*SECNO 2.250

D05

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		500 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

2.25	2400.	1.	1070.	1329.	0.69	20	300.	
2641.16	2641.16	1.	117.	368.	0.59	9	2640.70	
6.86	0.0	0.52	9.17	3.61	0.71	2641.85	2640.50	
0.012645	0.044	0.120	0.045	0.060	0.30	-0.00	319.09	
	2634.30	200.	200.	200.	18.	282.	618.65	235.

*SECNO 2.250

*** GR CARDS REPEATED

3301 HV CHANGED MORE THAN HVINS

RACCOON CREEK		500 YEAR FLOOD			08/01/81			
MILE	Q	QLOB	QCH	QROB	HV	ITRIAL	TOPWID	
ELEV	CRWS	ALOB	ACH	AROB	DHV	IDC	BANK ELEV	
DEPTH	WSELK	VLOB	VCH	VROB	HL	EG	LEFT/RIGHT	
SLOPE	WTN	XNL	XNCH	XNR	OLOSS	CORAR	SSTA	
	ELMIN	XLOBL	XLCH	XLOBR	WSDL	WSDR	ENDST	VOL

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

2.25	2400.	9.	693.	1698.	0.15	20	355.	
2642.50	2642.50	17.	152.	757.	-0.55	19	2640.70	
8.20	0.0	0.54	4.57	2.24	0.18	2642.65	2640.50	
0.002217	0.044	0.120	0.045	0.060	0.05	-0.00	304.77	
	2634.30	40.	40.	40.	32.	323.	660.18	235.

SPECIAL BRIDGE

SB	HK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS
	1.25	1.60	3.00	0.0	7.00	0.01	50.00	0.0
	ELCHU	ELCHD						
	2635.20	2635.20						

*SECNO 2.250

*** GR CARDS REPEATED
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TAREA	ELLC
2699.74	2646.39	0.00	1746.	668.	50.	52.	2642.60

ELTRD

E05

2644.80

2.25	2400.	56.	369.	1976.	0.01	1	561.	
2646.93	0.0	218.	267.	2383.	-0.14	0	2640.70	
12.63	0.0	0.26	1.38	0.83	4.29	2646.94	2640.50	
0.000095	0.044	0.120	0.045	0.060	0.0	-0.00	211.76	
	2634.30	30.	30.	30.	125.	436.	772.79	237.

*SECNO 2.250

*** GR CARDS REPEATED

2.25	2400.	56.	369.	1976.	0.01	1	561.	
2646.93	0.0	218.	267.	2382.	0.00	0	2640.70	
12.63	0.0	0.26	1.38	0.83	0.00	2646.94	2640.50	
0.000095	0.044	0.120	0.045	0.060	0.00	-0.00	211.78	
	2634.30	10.	10.	10.	125.	436.	772.78	237.

THIS RUN EXECUTED 08/01/81 8:21:49

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

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

 RACCOON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
0.160	0.	0.0	0.0	2567.3	1400.0	2575.26	0.0	2575.90	43.84	7.15	373.78	211.44
0.160	0.	0.0	0.0	2567.3	2300.0	2577.01	0.0	2577.74	43.59	8.20	596.03	348.36
0.160	0.	0.0	0.0	2567.3	2800.0	2577.80	0.0	2578.59	43.85	8.70	701.58	422.82
0.160	0.	0.0	0.0	2567.3	4035.0	2579.55	0.0	2580.43	43.47	9.64	943.42	611.96
0.160	40.	0.0	0.0	2567.3	1400.0	2575.51	0.0	2576.07	37.46	6.76	404.88	228.75
0.160	40.	0.0	0.0	2567.3	2300.0	2577.25	0.0	2577.91	38.56	7.85	628.11	370.41
0.160	40.	0.0	0.0	2567.3	2800.0	2578.05	0.0	2578.76	39.23	8.36	734.40	447.05
0.160	40.	0.0	0.0	2567.3	4035.0	2579.78	0.0	2580.61	39.74	9.34	977.06	640.07
0.160	1.	2587.7	2585.5	2568.4	1400.0	2576.02	0.0	2576.12	26.23	2.55	550.04	273.37
0.160	1.	2587.7	2585.5	2568.4	2300.0	2577.83	0.0	2577.97	30.78	2.99	769.62	414.59
0.160	1.	2587.7	2585.5	2568.4	2800.0	2578.66	0.0	2578.82	33.48	3.21	873.58	483.88
0.160	1.	2587.7	2585.5	2568.4	4035.0	2580.47	0.0	2580.67	39.26	3.65	1106.82	643.97
0.160	30.	2587.7	2585.5	2568.4	1400.0	2576.10	0.0	2576.20	25.05	2.50	560.17	279.70
0.160	30.	2587.7	2585.5	2568.4	2300.0	2577.93	0.0	2578.06	29.58	2.94	782.17	422.88
0.160	30.	2587.7	2585.5	2568.4	2800.0	2578.77	0.0	2578.92	32.27	3.16	887.01	492.94
0.160	30.	2587.7	2585.5	2568.4	4035.0	2580.59	0.0	2580.79	37.98	3.60	1122.16	654.70
0.160	1.	0.0	0.0	2567.3	1400.0	2575.92	0.0	2576.38	29.23	6.18	456.58	258.94
0.160	1.	0.0	0.0	2567.3	2300.0	2577.72	0.0	2578.27	30.71	7.24	690.91	415.06
0.160	1.	0.0	0.0	2567.3	2800.0	2578.55	0.0	2579.14	31.44	7.73	803.14	499.33
0.160	1.	0.0	0.0	2567.3	4035.0	2580.34	0.0	2581.04	32.35	8.69	1058.07	709.45
0.160	10.	0.0	0.0	2567.3	1400.0	2575.96	0.0	2576.41	28.78	6.14	459.97	260.98
0.160	10.	0.0	0.0	2567.3	2300.0	2577.76	0.0	2578.30	30.29	7.20	694.88	417.94
0.160	10.	0.0	0.0	2567.3	2800.0	2578.59	0.0	2579.18	31.03	7.69	807.40	502.63
0.160	10.	0.0	0.0	2567.3	4035.0	2580.38	0.0	2581.07	31.96	8.65	1063.05	713.77
0.210	160.	0.0	0.0	2568.7	1400.0	2576.45	0.0	2577.35	79.00	7.73	212.80	157.51
0.210	160.	0.0	0.0	2568.7	2300.0	2578.21	0.0	2579.26	70.67	8.77	404.28	273.60
0.210	160.	0.0	0.0	2568.7	2800.0	2579.04	0.0	2580.11	65.85	9.09	513.60	345.04
0.210	160.	0.0	0.0	2568.7	4030.0	2580.86	0.0	2581.93	55.98	9.57	789.43	538.63
0.210	50.	0.0	0.0	2568.7	1400.0	2577.00	0.0	2577.69	54.99	6.87	265.54	188.80
0.210	50.	0.0	0.0	2568.7	2300.0	2578.78	0.0	2579.59	51.18	7.84	478.17	321.50
0.210	50.	0.0	0.0	2568.7	2800.0	2579.57	0.0	2580.42	50.00	8.25	588.59	395.97

605

0.210 50. 0.0 0.0 2568.7 4030.0 2581.28 0.0 2582.20 46.19 8.94 861.77 592.97

H05

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K+S	VCH	AREA	.01K
0.210	30.	2574.5	2573.6	2568.7	1400.0	2577.47	0.0	2578.02	41.03	6.23	315.25	218.55
0.210	30.	2574.5	2573.6	2568.7	2300.0	2578.77	0.0	2579.59	51.42	7.85	477.04	320.76
0.210	30.	2574.5	2573.6	2568.7	2800.0	2579.56	0.0	2580.42	50.16	8.26	587.72	395.37
0.210	30.	2574.5	2573.6	2568.7	4030.0	2581.28	0.0	2582.20	46.24	8.94	861.32	592.62
0.210	10.	0.0	0.0	2568.7	1400.0	2577.52	0.0	2578.07	39.84	6.17	320.66	221.80
0.210	10.	0.0	0.0	2568.7	2300.0	2578.85	0.0	2579.64	49.23	7.74	487.73	327.81
0.210	10.	0.0	0.0	2568.7	2800.0	2579.64	0.0	2580.47	48.23	8.15	599.10	403.20
0.210	10.	0.0	0.0	2568.7	4030.0	2581.35	0.0	2582.24	44.85	8.85	873.32	601.77
* 0.260	90.	0.0	0.0	2570.4	1400.0	2577.85	2577.85	2580.43	241.54	13.26	129.25	90.08
* 0.260	90.	0.0	0.0	2570.4	2300.0	2580.37	2580.37	2583.18	179.89	14.35	257.35	171.49
* 0.260	90.	0.0	0.0	2570.4	2800.0	2581.75	2581.75	2584.24	140.66	14.00	354.24	236.09
* 0.260	90.	0.0	0.0	2570.4	4025.0	2583.76	2583.76	2585.58	100.86	13.37	802.14	400.78
0.260	50.	0.0	0.0	2570.4	1400.0	2580.03	0.0	2581.21	78.27	9.22	216.83	158.25
0.260	50.	0.0	0.0	2570.4	2300.0	2582.78	0.0	2583.82	56.65	9.47	543.30	305.59
0.260	50.	0.0	0.0	2570.4	2800.0	2584.00	0.0	2584.77	42.53	8.80	874.59	429.35
0.260	50.	0.0	0.0	2570.4	4025.0	2585.22	0.0	2586.01	45.89	9.72	1265.43	594.17
0.260	30.	2578.8	2579.0	2570.4	1400.0	2580.65	0.0	2581.21	28.69	5.96	234.90	261.35
0.260	30.	2578.8	2579.0	2570.4	2300.0	2583.81	0.0	2583.82	1.05	1.38	287.73	2245.18
0.260	30.	2578.8	2579.0	2570.4	2800.0	2584.75	0.0	2584.77	1.07	1.47	3267.33	2704.32
0.260	30.	2578.8	2579.0	2570.4	4025.0	2585.99	0.0	2586.01	1.42	1.79	3796.31	3374.52
0.260	50.	0.0	0.0	2570.4	1400.0	2581.7	0.0	2581.28	1.29	1.32	1886.57	1232.11
0.260	50.	0.0	0.0	2570.4	2300.0	2583.81	0.0	2583.83	1.05	1.38	2879.83	2247.52
0.260	50.	0.0	0.0	2570.4	2800.0	2584.76	0.0	2584.77	1.07	1.47	3269.47	2706.93
0.260	50.	0.0	0.0	2570.4	4025.0	2586.00	0.0	2586.02	1.42	1.79	3799.32	3378.42
* 0.400	580.	0.0	0.0	2573.2	1400.0	2581.37	0.0	2581.89	46.60	6.75	431.22	205.08
* 0.400	580.	0.0	0.0	2573.2	2300.0	2583.88	0.0	2584.08	16.27	5.02	1090.05	570.19
* 0.400	580.	0.0	0.0	2573.2	2800.0	2584.83	0.0	2585.00	13.39	4.88	1382.65	765.22
* 0.400	580.	0.0	0.0	2573.2	4000.0	2586.10	0.0	2586.29	13.43	5.32	1827.07	1091.36
0.460	320.	0.0	0.0	2576.0	1400.0	2582.76	0.0	2583.40	44.30	6.44	226.75	210.33
0.460	320.	0.0	0.0	2576.0	2300.0	2584.32	0.0	2585.30	48.37	8.04	308.81	330.69
0.460	320.	0.0	0.0	2576.0	2800.0	2585.08	0.0	2586.24	49.69	8.75	351.08	397.21
0.460	320.	0.0	0.0	2576.0	4000.0	2586.13	0.0	2587.88	63.37	10.80	426.47	502.46
0.500	340.	0.0	0.0	2577.2	1400.0	2584.26	0.0	2585.12	50.64	7.56	207.45	196.74
0.500	340.	0.0	0.0	2577.2	2300.0	2585.93	0.0	2587.27	57.53	9.50	287.22	303.24
0.500	340.	0.0	0.0	2577.2	2800.0	2586.73	0.0	2588.30	60.02	10.36	328.90	361.42
0.500	340.	0.0	0.0	2577.2	4000.0	2588.16	0.0	2590.37	69.82	12.40	410.10	478.70
0.520	80.	0.0	0.0	2577.9	1400.0	2584.55	0.0	2585.83	77.69	9.65	189.31	158.83
0.520	80.	0.0	0.0	2577.9	2300.0	2586.20	0.0	2588.12	87.25	12.01	263.48	246.24
0.520	80.	0.0	0.0	2577.9	2800.0	2586.97	0.0	2589.22	90.91	13.07	304.87	293.66
0.520	80.	0.0	0.0	2577.9	4000.0	2588.40	0.0	2591.48	104.46	15.53	383.01	391.35
* 0.520	40.	0.0	0.0	2578.6	1400.0	2584.34	2584.29	2587.06	247.99	13.23	105.95	88.90
* 0.520	40.	0.0	0.0	2578.6	2300.0	2586.47	2586.47	2590.31	228.02	15.73	146.21	152.31
* 0.520	40.	0.0	0.0	2578.6	2800.0	2588.48	0.0	2589.65	71.60	10.30	455.25	330.91
* 0.520	40.	0.0	0.0	2578.6	4000.0	2590.64	0.0	2591.98	66.19	11.31	622.46	491.67

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
0.520	30.	2591.6	2588.3	2578.6	1400.0	2584.36	0.0	2587.06	202.54	13.18	106.22	98.37
* 0.520	30.	2591.6	2588.3	2578.6	2300.0	2589.11	0.0	2591.23	70.16	11.70	196.65	274.59
0.520	30.	2591.6	2588.3	2578.6	2800.0	2592.27	0.0	2592.65	14.20	6.28	854.87	742.93
0.520	30.	2591.6	2588.3	2578.6	4000.0	2593.42	0.0	2593.95	19.15	7.70	1066.32	914.09
0.520	40.	0.0	0.0	2578.4	1400.0	2587.11	0.0	2587.48	20.21	5.32	365.37	311.43
0.520	40.	0.0	0.0	2578.4	2300.0	2591.18	0.0	2591.51	11.53	5.25	674.99	677.42
0.520	40.	0.0	0.0	2578.4	2800.0	2592.35	0.0	2592.70	11.59	5.59	831.53	822.63
0.520	40.	0.0	0.0	2578.4	4000.0	2593.49	0.0	2594.02	16.27	7.00	1001.38	991.79
0.650	720.	0.0	0.0	2581.5	1400.0	2589.12	0.0	2589.50	41.20	5.58	346.93	218.11
0.650	720.	0.0	0.0	2581.5	2300.0	2592.27	0.0	2592.54	17.95	4.86	775.04	542.93
0.650	720.	0.0	0.0	2581.5	2800.0	2593.41	0.0	2593.64	14.21	4.73	1110.19	742.66
0.650	720.	0.0	0.0	2581.5	4000.0	2594.88	0.0	2595.09	12.89	4.97	1731.75	1114.27
0.650	40.	0.0	0.0	2581.5	1400.0	2589.25	0.0	2589.69	38.53	5.29	264.71	225.56
0.650	40.	0.0	0.0	2581.5	2300.0	2592.37	0.0	2592.60	13.59	4.24	796.56	623.95
0.650	40.	0.0	0.0	2581.5	2800.0	2593.48	0.0	2593.69	11.12	4.18	1131.66	839.75
0.650	40.	0.0	0.0	2581.5	4000.0	2594.93	0.0	2595.14	10.38	4.46	1758.93	1241.82
0.650	30.	2592.4	2590.9	2582.7	1400.0	2589.32	0.0	2590.03	66.14	6.76	207.16	172.14
0.650	30.	2592.4	2590.9	2582.7	2300.0	2593.03	0.0	2593.31	14.17	4.59	676.95	611.04
0.650	30.	2592.4	2590.9	2582.7	2800.0	2593.98	0.0	2594.24	12.42	4.65	897.87	794.63
0.650	30.	2592.4	2590.9	2582.7	4000.0	2595.12	0.0	2595.43	13.38	5.26	1305.91	1093.61
0.650	10.	0.0	0.0	2582.7	1400.0	2589.56	0.0	2590.11	53.59	6.60	282.79	191.24
0.650	10.	0.0	0.0	2582.7	2300.0	2593.04	0.0	2593.33	17.14	5.09	679.66	555.61
0.650	10.	0.0	0.0	2582.7	2800.0	2593.98	0.0	2594.26	14.89	5.13	900.70	725.60
0.650	10.	0.0	0.0	2582.7	4000.0	2595.14	0.0	2595.45	15.78	5.74	1309.85	1006.89
* 0.820	850.	0.0	0.0	2586.4	1400.0	2594.79	2594.79	2595.78	59.88	9.14	302.81	180.92
* 0.820	850.	0.0	0.0	2586.4	2300.0	2595.81	2595.81	2596.63	53.78	9.55	620.64	313.64
* 0.820	850.	0.0	0.0	2586.4	2800.0	2596.08	2596.08	2596.95	59.10	10.25	721.56	364.24
0.820	850.	0.0	0.0	2586.4	4000.0	2597.09	0.0	2597.69	43.86	9.59	1118.34	603.96
0.820	40.	0.0	0.0	2586.4	900.0	2595.83	0.0	2595.95	8.06	3.71	627.59	316.97
0.820	40.	0.0	0.0	2586.4	1500.0	2596.66	0.0	2596.79	9.26	4.26	946.68	492.92
0.820	40.	0.0	0.0	2586.4	1900.0	2596.97	0.0	2597.12	11.04	4.77	1070.23	571.80
0.820	40.	0.0	0.0	2586.4	2700.0	2597.66	0.0	2597.83	12.24	5.29	1353.33	771.73
0.820	30.	2594.0	2593.0	2586.4	900.0	2595.83	0.0	2595.95	8.02	3.70	629.24	317.76
0.820	30.	2594.0	2593.0	2586.4	1500.0	2596.66	0.0	2596.79	9.24	4.26	947.63	493.51
0.820	30.	2594.0	2593.0	2586.4	1900.0	2596.97	0.0	2597.12	11.01	4.76	1071.57	572.68
0.820	30.	2594.0	2593.0	2586.4	2700.0	2597.66	0.0	2597.83	12.23	5.28	1353.98	772.20
0.820	10.	0.0	0.0	2586.4	900.0	2595.84	0.0	2595.96	7.96	3.69	631.94	319.06
0.820	10.	0.0	0.0	2586.4	1500.0	2596.67	0.0	2596.80	9.16	4.24	950.94	495.55
0.820	10.	0.0	0.0	2586.4	1900.0	2596.98	0.0	2597.13	10.90	4.74	1075.67	575.38
0.820	10.	0.0	0.0	2586.4	2700.0	2597.68	0.0	2597.84	12.12	5.26	1358.60	775.67
0.950	640.	0.0	0.0	2589.2	890.0	2596.61	0.0	2597.06	35.50	5.37	174.87	149.38
0.950	640.	0.0	0.0	2589.2	1480.0	2597.50	0.0	2598.30	53.28	7.34	234.21	202.76
0.950	640.	0.0	0.0	2589.2	1860.0	2597.92	0.0	2598.96	63.82	8.42	265.50	232.84
0.950	640.	0.0	0.0	2589.2	2660.0	2598.61	0.0	2600.17	86.39	10.49	318.50	286.18

J05

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K	
1.140	1480.	0.0	0.0	2596.2	870.0	2601.87	0.0	2602.12	32.77	5.59	367.74	151.98	
1.140	1480.	0.0	0.0	2596.2	1440.0	2603.14	0.0	2603.35	23.00	5.50	614.89	300.27	
1.140	1480.	0.0	0.0	2596.2	1810.0	2603.84	0.0	2604.04	20.56	5.59	752.52	399.19	
1.140	1480.	0.0	0.0	2596.2	2610.0	2605.10	0.0	2605.29	17.62	5.81	1043.68	621.76	
*	1.400	620.	0.0	2603.0	850.0	2608.89	2608.89	2609.85	76.98	8.37	174.75	96.88	
*	1.400	620.	0.0	2603.0	1390.0	2609.86	2609.86	2610.70	65.21	8.78	371.30	172.13	
*	1.400	620.	0.0	2603.0	1740.0	2610.24	2610.24	2611.10	66.99	9.31	463.33	212.58	
*	1.400	620.	0.0	2603.0	2540.0	2610.78	2610.78	2611.82	81.06	10.87	610.72	282.11	
1.400	40.	0.0	0.0	2603.0	850.0	2609.71	0.0	2610.08	29.06	5.75	337.40	157.38	
1.400	40.	0.0	0.0	2603.0	1390.0	2610.50	0.0	2610.92	32.78	6.70	530.16	242.77	
1.400	40.	0.0	0.0	2603.0	1740.0	2610.89	0.0	2611.33	34.55	7.17	637.89	296.03	
1.400	40.	0.0	0.0	2603.0	2540.0	2611.59	0.0	2612.09	38.31	8.10	842.66	410.38	
1.400	30.	2609.5	2609.6	2603.0	850.0	2610.36	0.0	2610.54	14.08	4.33	494.78	226.49	
1.400	30.	2609.5	2609.6	2603.0	1390.0	2611.15	0.0	2611.37	17.06	5.18	713.84	336.58	
1.400	30.	2609.5	2609.6	2603.0	1740.0	2611.46	0.0	2611.72	20.10	5.79	804.93	388.14	
*	1.400	30.	2609.5	2609.6	2603.0	2540.0	2612.01	0.0	2612.37	26.96	7.06	970.52	489.23
1.400	10.	0.0	0.0	2603.0	850.0	2610.38	0.0	2610.55	13.79	4.29	500.02	228.86	
1.400	10.	0.0	0.0	2603.0	1390.0	2611.17	0.0	2611.38	16.71	5.14	720.14	340.05	
1.400	10.	0.0	0.0	2603.0	1740.0	2611.49	0.0	2611.74	19.70	5.75	811.66	392.07	
1.400	10.	0.0	0.0	2603.0	2540.0	2612.05	0.0	2612.40	26.44	7.01	978.00	494.00	
1.500	580.	0.0	0.0	2606.4	820.0	2611.65	0.0	2612.34	87.05	8.07	177.17	87.89	
1.500	580.	0.0	0.0	2606.4	1340.0	2612.58	0.0	2613.18	69.53	8.21	290.56	160.70	
1.500	580.	0.0	0.0	2606.4	1660.0	2613.05	0.0	2613.63	64.32	8.36	353.48	206.99	
1.500	580.	0.0	0.0	2606.4	2460.0	2613.95	0.0	2614.57	61.28	8.99	485.34	314.24	
1.690	1060.	0.0	0.0	2615.3	820.0	2619.52	2619.28	2619.76	56.91	5.58	308.27	108.70	
1.690	1060.	0.0	0.0	2615.3	1340.0	2619.94	2619.68	2620.21	62.80	6.39	440.63	169.09	
1.690	1060.	0.0	0.0	2615.3	1660.0	2620.16	2619.84	2620.44	63.59	6.70	521.34	208.17	
1.690	1060.	0.0	0.0	2615.3	2460.0	2620.67	0.0	2620.96	58.72	7.03	727.86	321.03	
*	1.910	1010.	0.0	2624.0	800.0	2628.55	2628.55	2629.28	131.20	7.76	169.07	69.84	
*	1.910	1010.	0.0	2624.0	1300.0	2629.21	2629.21	2629.89	119.64	8.30	330.37	118.85	
*	1.910	1010.	0.0	2624.0	1600.0	2629.48	2629.48	2630.14	119.11	8.62	405.49	146.60	
*	1.910	1010.	0.0	2624.0	2400.0	2629.93	2629.93	2630.72	141.33	10.00	536.04	201.88	
1.910	40.	0.0	0.0	2624.0	800.0	2629.39	0.0	2629.58	34.45	4.57	378.56	136.30	
1.910	40.	0.0	0.0	2624.0	1300.0	2629.96	0.0	2630.18	39.36	5.30	547.58	207.20	
1.910	40.	0.0	0.0	2624.0	1600.0	2630.21	0.0	2630.45	42.76	5.72	625.31	244.69	
1.910	40.	0.0	0.0	2624.0	2400.0	2630.78	0.0	2631.08	49.93	6.62	801.94	339.63	
1.910	30.	2627.8	2627.6	2624.0	800.0	2629.46	0.0	2629.63	30.71	4.36	399.72	144.37	
1.910	30.	2627.8	2627.6	2624.0	1300.0	2630.02	0.0	2630.22	36.39	5.14	565.32	215.51	
1.910	30.	2627.8	2627.6	2624.0	1600.0	2630.26	0.0	2630.49	40.47	5.59	638.86	251.51	
1.910	30.	2627.8	2627.6	2624.0	2400.0	2630.82	0.0	2631.10	48.29	6.53	811.91	345.38	
1.910	40.	0.0	0.0	2624.0	800.0	2629.58	0.0	2629.75	27.54	4.21	386.60	152.45	
1.910	40.	0.0	0.0	2624.0	1300.0	2630.16	0.0	2630.37	35.66	5.18	521.30	217.71	
1.910	40.	0.0	0.0	2624.0	1600.0	2630.41	0.0	2630.67	40.66	5.71	582.21	250.93	
1.910	40.	0.0	0.0	2624.0	2400.0	2630.99	0.0	2631.34	51.87	6.89	719.56	333.24	

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K*S	VCH	AREA	.01K
*	2.100	880.	0.0	0.0	800.0	2635.49	2635.49	2635.89	121.28	6.70	222.28	72.64
*	2.100	880.	0.0	0.0	1300.0	2635.86	2635.86	2636.32	141.80	7.69	313.78	109.17
	2.100	880.	0.0	0.0	1600.0	2636.15	2636.02	2636.56	116.78	7.43	393.42	148.06
	2.100	880.	0.0	0.0	2400.0	2636.84	0.0	2637.19	82.45	7.10	593.88	264.31
	2.200	540.	0.0	0.0	800.0	2637.22	0.0	2637.26	10.96	2.53	557.69	24.62
	2.200	540.	0.0	0.0	1300.0	2637.83	0.0	2637.89	12.59	3.00	745.56	366.39
	2.200	540.	0.0	0.0	1600.0	2638.10	0.0	2638.17	13.97	3.28	830.64	428.05
	2.200	540.	0.0	0.0	2400.0	2638.71	0.0	2638.81	16.34	3.85	1033.63	593.70
*	2.250	200.	0.0	0.0	800.0	2640.06	2640.06	2640.66	97.21	7.02	191.62	81.14
*	2.250	200.	0.0	0.0	1300.0	2640.55	2640.55	2641.15	107.86	7.75	311.48	125.17
*	2.250	200.	0.0	0.0	1600.0	2640.78	2640.78	2641.36	107.32	7.96	375.17	154.45
*	2.250	200.	0.0	0.0	2400.0	2641.16	2641.16	2641.85	126.45	9.17	485.66	213.43
	2.250	40.	0.0	0.0	800.0	2640.25	0.0	2641.39	139.27	8.56	93.45	67.79
*	2.250	40.	0.0	0.0	1300.0	2640.90	2640.90	2643.07	228.17	11.83	109.89	86.06
*	2.250	40.	0.0	0.0	1600.0	2641.55	2641.55	2644.02	213.81	12.61	126.92	109.42
*	2.250	40.	0.0	0.0	2400.0	2642.50	2642.50	2642.65	22.17	4.57	926.37	509.68
	2.250	30.	2644.8	2642.6	800.0	2640.27	0.0	2641.40	138.29	8.54	93.70	68.03
	2.250	30.	2644.8	2642.6	1300.0	2646.00	0.0	2646.01	0.46	0.90	2394.58	1925.55
	2.250	30.	2644.8	2642.6	1600.0	2646.32	0.0	2646.33	0.58	1.03	2550.80	2101.23
	2.250	30.	2644.8	2642.6	2400.0	2646.93	0.0	2646.94	0.95	1.38	2867.50	2458.30
	2.250	10.	0.0	0.0	800.0	2641.48	0.0	2641.53	8.69	2.52	583.36	271.39
	2.250	10.	0.0	0.0	1300.0	2646.00	0.0	2646.01	0.46	0.90	2391.90	1922.56
	2.250	10.	0.0	0.0	1600.0	2646.32	0.0	2646.33	0.58	1.04	2547.33	2097.25
	2.250	10.	0.0	0.0	2400.0	2646.93	0.0	2646.94	0.95	1.38	2867.10	2457.86

RACCOON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.160	1400.	2575.3	0.0	0.0	0.0	123.34	0.0
0.160	2300.	2577.0	1.7	0.0	0.0	131.10	0.0
0.160	2800.	2577.8	0.8	0.0	0.0	134.63	0.0
0.160	4035.	2579.5	1.7	0.0	0.0	142.38	0.0
0.160	1400.	2575.5	0.0	0.3	0.0	124.45	40.00
0.160	2300.	2577.3	1.7	0.2	0.0	132.18	40.00
0.160	2800.	2578.0	0.8	0.2	0.0	135.71	40.00
0.160	4035.	2579.8	1.7	0.2	0.0	143.43	40.00
0.160	1400.	2576.0	0.0	0.5	0.0	118.35	1.00
0.160	2300.	2577.8	1.8	0.6	0.0	123.93	1.00
0.160	2800.	2578.7	0.8	0.6	0.0	126.49	1.00
0.160	4035.	2580.5	1.8	0.7	0.0	132.04	1.00
0.160	1400.	2576.1	0.0	0.1	0.0	118.61	30.00
0.160	2300.	2577.9	1.8	0.1	0.0	124.24	30.00
0.160	2800.	2578.8	0.8	0.1	0.0	126.81	30.00
0.160	4035.	2580.6	1.8	0.1	0.0	132.40	30.00
0.160	1400.	2575.9	0.0	-0.2	0.0	126.29	1.00
0.160	2300.	2577.7	1.8	-0.2	0.0	134.28	1.00
0.160	2800.	2578.5	0.8	-0.2	0.0	137.94	1.00
0.160	4035.	2580.3	1.8	-0.2	0.0	145.92	1.00
0.160	1400.	2576.0	0.0	0.0	0.0	126.41	10.00
0.160	2300.	2577.8	1.8	0.0	0.0	134.41	10.00
0.160	2800.	2578.6	0.8	0.0	0.0	138.08	10.00
0.160	4035.	2580.4	1.8	0.0	0.0	146.07	10.00
0.210	1400.	2576.5	0.0	0.5	0.0	80.93	160.00
0.210	2300.	2578.2	1.8	0.5	0.0	125.45	160.00
0.210	2800.	2579.0	0.8	0.5	0.0	138.20	160.00
0.210	4030.	2580.9	1.8	0.5	0.0	165.88	160.00
0.210	1400.	2577.0	0.0	0.6	0.0	101.37	50.00
0.210	2300.	2578.8	1.8	0.6	0.0	134.20	50.00
0.210	2800.	2579.6	0.8	0.5	0.0	146.31	50.00
0.210	4030.	2581.3	1.7	0.4	0.0	170.84	50.00
0.210	1400.	2577.5	0.0	0.5	0.0	113.65	30.00
0.210	2300.	2578.8	1.3	-0.0	0.0	134.07	30.00
0.210	2800.	2579.6	0.8	-0.0	0.0	146.22	30.00
0.210	4030.	2581.3	1.7	-0.0	0.0	170.81	30.00
0.210	1400.	2577.5	0.0	0.1	0.0	114.74	10.00
0.210	2300.	2578.9	1.3	0.1	0.0	135.29	10.00
0.210	2800.	2579.6	0.8	0.1	0.0	147.41	10.00
0.210	4030.	2581.4	1.7	0.1	0.0	171.62	10.00
0.260	1400.	2577.8	0.0	0.3	0.0	30.89	90.00
0.260	2300.	2580.4	2.5	1.5	0.0	64.66	90.00

* *

SECNO	Q	CMSL	DIFMSP	DIFMSX	DIFKUS	TOPWID	XLCH
0.260	1400.	2580.0	0.0	2.2	0.0	55.69	50.00
0.260	2300.	2582.8	2.8	2.4	0.0	242.80	50.00
0.260	2800.	2584.0	1.2	2.3	0.0	297.73	50.00
0.260	4025.	2585.2	1.2	1.5	0.0	351.67	50.00
0.260	1400.	2580.7	0.0	0.6	0.0	25.00	30.00
0.260	2300.	2583.8	3.2	1.0	0.0	406.11	30.00
0.260	2800.	2584.8	0.9	0.7	0.0	418.88	30.00
0.260	4025.	2586.0	1.2	0.8	0.0	436.18	30.00
0.260	1400.	2581.3	0.0	0.6	0.0	370.94	50.00
0.260	2300.	2583.8	2.5	0.0	0.0	406.17	50.00
0.260	2800.	2584.8	0.9	0.0	0.0	418.95	50.00
0.260	4025.	2586.0	1.2	0.0	0.0	436.28	50.00
* 0.400	1400.	2581.4	0.0	0.1	0.0	228.51	580.00
0.400	2300.	2583.9	2.5	0.1	0.0	296.50	580.00
0.400	2800.	2584.8	1.0	0.1	0.0	322.13	580.00
0.400	4025.	2586.1	1.3	0.1	0.0	375.63	580.00
0.460	1400.	2582.8	0.0	1.4	0.0	50.27	320.00
0.460	2300.	2584.3	1.6	0.4	0.0	54.95	320.00
0.460	2800.	2585.1	0.8	0.2	0.0	58.66	320.00
0.460	4000.	2586.1	1.0	0.0	0.0	83.61	320.00
0.500	1400.	2584.3	0.0	1.5	0.0	44.48	340.00
0.500	2300.	2585.9	1.7	1.6	0.0	50.89	340.00
0.500	2800.	2586.7	0.8	1.6	0.0	53.93	340.00
0.500	4000.	2588.2	1.4	2.0	0.0	59.42	340.00
0.520	1400.	2584.5	0.0	0.3	0.0	42.89	80.00
0.520	2300.	2586.2	1.7	0.3	0.0	49.22	80.00
0.520	2800.	2587.0	0.8	0.2	0.0	52.20	80.00
0.520	4000.	2588.4	1.4	0.2	0.0	57.64	80.00
* 0.520	1400.	2584.3	0.0	-0.2	0.0	19.00	40.00
0.520	2300.	2586.5	2.1	0.3	0.0	19.00	40.00
0.520	2800.	2588.5	2.0	1.5	0.0	71.71	40.00
0.520	4000.	2590.6	2.2	2.2	0.0	87.81	40.00
* 0.520	1400.	2584.4	0.0	0.0	0.0	19.00	30.00
0.520	2300.	2589.1	4.7	2.6	0.0	19.00	30.00
0.520	2800.	2592.3	3.2	3.8	0.0	180.54	30.00
0.520	4000.	2593.4	1.2	2.8	0.0	186.12	30.00
0.520	1400.	2587.1	0.0	2.8	0.0	65.68	40.00
0.520	2300.	2591.2	4.1	2.1	0.0	92.78	40.00
0.520	2800.	2592.3	1.2	0.1	0.0	147.53	40.00
0.520	4000.	2593.5	1.1	0.1	0.0	148.63	40.00
0.650	1400.	2589.1	0.0	2.0	0.0	87.57	720.00
0.650	2300.	2592.3	3.2	1.1	0.0	232.41	720.00
0.650	2800.	2593.4	1.1	1.1	0.0	322.20	720.00
0.650	4000.	2594.9	1.5	1.4	0.0	467.37	720.00

B06

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.650	1400.	2589.3	0.0	0.1	0.0	52.54	40.00
0.650	2300.	2592.4	3.1	0.1	0.0	237.66	40.00
0.650	2800.	2593.5	1.1	0.1	0.0	358.58	40.00
0.650	4000.	2594.9	1.5	0.1	0.0	468.65	40.00
0.650	1400.	2589.3	0.0	0.1	0.0	50.16	30.00
0.650	2300.	2593.0	3.7	0.7	0.0	204.62	30.00
0.650	2800.	2594.0	0.9	0.5	0.0	262.59	30.00
0.650	4000.	2595.1	1.1	0.2	0.0	406.73	30.00
0.650	1400.	2589.6	0.0	0.2	0.0	82.57	10.00
0.650	2300.	2593.0	3.5	0.0	0.0	205.79	10.00
0.650	2800.	2594.0	0.9	0.0	0.0	263.28	10.00
0.650	4000.	2595.1	1.2	0.0	0.0	407.77	10.00
*	0.820	1400.	2594.8	0.0	5.2	225.75	850.00
*	0.820	2300.	2595.8	1.0	2.8	376.25	850.00
*	0.820	2800.	2596.1	0.3	2.1	381.75	850.00
0.820	4000.	2597.1	1.0	1.9	0.0	402.64	850.00
0.820	900.	2595.8	0.0	1.0	0.0	376.63	40.00
0.820	1500.	2596.7	0.8	0.8	0.0	393.74	40.00
0.820	1900.	2597.0	0.3	0.9	0.0	400.17	40.00
0.820	2700.	2597.7	0.7	0.6	0.0	414.52	40.00
0.820	900.	2595.8	0.0	0.0	0.0	376.72	30.00
0.820	1500.	2596.7	0.8	0.0	0.0	393.79	30.00
0.820	1900.	2597.0	0.3	0.0	0.0	400.24	30.00
0.820	2700.	2597.7	0.7	0.0	0.0	414.55	30.00
0.820	900.	2595.8	0.0	0.0	0.0	376.87	10.00
0.820	1500.	2596.7	0.8	0.0	0.0	393.96	10.00
0.820	1900.	2597.0	0.3	0.0	0.0	400.44	10.00
0.820	2700.	2597.7	0.7	0.0	0.0	414.78	10.00
0.950	890.	2596.6	0.0	0.8	0.0	61.58	640.00
0.950	1480.	2597.5	0.9	0.8	0.0	71.34	640.00
0.950	1860.	2597.9	0.4	0.9	0.0	74.79	640.00
0.950	2660.	2598.6	0.7	0.9	0.0	80.30	640.00
1.140	870.	2601.9	0.0	5.3	0.0	185.33	1480.00
1.140	1440.	2603.1	1.3	5.6	0.0	198.73	1480.00
1.140	1810.	2603.8	0.7	5.9	0.0	205.05	1480.00
1.140	2610.	2605.1	1.3	6.5	0.0	253.51	1480.00
*	1.400	850.	2608.9	0.0	7.0	153.13	620.00
*	1.400	1390.	2609.9	1.0	6.7	224.28	620.00
*	1.400	1740.	2610.2	0.4	6.4	266.92	620.00
*	1.400	2540.	2610.8	0.5	5.7	278.02	620.00
1.400	850.	2609.7	0.0	0.8	0.0	221.86	40.00
1.400	1390.	2610.5	0.8	0.6	0.0	272.01	40.00
1.400	1740.	2610.9	0.4	0.6	0.0	280.02	40.00
1.400	2540.	2611.6	0.7	0.8	0.0	294.64	40.00

C06

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
1.400	850.	2610.4	0.0	0.6	0.0	269.32	30.00	
1.400	1390.	2611.1	0.8	0.6	0.0	285.52	30.00	
1.400	1740.	2611.5	0.3	0.6	0.0	292.00	30.00	
*	1.400	2540.	2612.0	0.6	0.4	0.0	303.41	30.00
1.400	850.	2610.4	0.0	0.0	0.0	269.72	10.00	
1.400	1390.	2611.2	0.8	0.0	0.0	285.98	10.00	
1.400	1740.	2611.5	0.3	0.0	0.0	292.47	10.00	
1.400	2540.	2612.0	0.6	0.0	0.0	303.91	10.00	
1.500	820.	2611.6	0.0	1.3	0.0	112.92	580.00	
1.500	1340.	2612.6	0.9	1.4	0.0	129.93	580.00	
1.500	1660.	2613.1	0.5	1.6	0.0	138.48	580.00	
1.500	2460.	2613.9	0.9	1.9	0.0	154.85	580.00	
1.690	820.	2619.5	0.0	7.9	0.0	284.23	1060.00	
1.690	1340.	2619.9	0.4	7.4	0.0	350.54	1060.00	
1.690	1660.	2620.2	0.2	7.1	0.0	380.74	1060.00	
1.690	2460.	2620.7	0.5	6.7	0.0	423.36	1060.00	
*	1.910	800.	2628.6	0.0	9.0	0.0	177.93	1010.00
*	1.910	1300.	2629.2	0.7	9.3	0.0	277.03	1010.00
*	1.910	1600.	2629.5	0.3	9.3	0.0	286.73	1010.00
*	1.910	2400.	2629.9	0.4	9.3	0.0	298.75	1010.00
1.910	800.	2629.4	0.0	0.8	0.0	283.26	40.00	
1.910	1300.	2630.0	0.6	0.7	0.0	299.45	40.00	
1.910	1600.	2630.2	0.2	0.7	0.0	304.09	40.00	
1.910	2400.	2630.8	0.6	0.9	0.0	314.38	40.00	
1.910	800.	2629.5	0.0	0.1	0.0	285.99	30.00	
1.910	1300.	2630.0	0.6	0.1	0.0	300.51	30.00	
1.910	1600.	2630.3	0.2	0.0	0.0	304.89	30.00	
1.910	2400.	2630.8	0.6	0.0	0.0	314.95	30.00	
1.910	800.	2629.6	0.0	0.1	0.0	229.65	40.00	
1.910	1300.	2630.2	0.6	0.1	0.0	236.84	40.00	
1.910	1600.	2630.4	0.3	0.1	0.0	239.12	40.00	
1.910	2400.	2631.0	0.6	0.2	0.0	244.18	40.00	
*	2.100	800.	2635.5	0.0	5.9	0.0	230.92	880.00
*	2.100	1300.	2635.9	0.4	5.7	0.0	265.90	880.00
2.100	1600.	2636.1	0.3	5.7	0.0	276.09	880.00	
2.100	2400.	2636.8	0.7	5.9	0.0	300.20	880.00	
2.200	800.	2637.2	0.0	1.7	0.0	295.99	540.00	
2.200	1300.	2637.8	0.6	2.0	0.0	317.24	540.00	
2.200	1600.	2638.1	0.3	1.9	0.0	326.39	540.00	
2.200	2400.	2638.7	0.6	1.9	0.0	340.06	540.00	
*	2.250	800.	2640.1	0.0	2.8	0.0	212.52	200.00
*	2.250	1300.	2640.6	0.5	2.7	0.0	271.94	200.00
*	2.250	1600.	2640.8	0.2	2.7	0.0	282.86	200.00
*	2.250	2400.	2641.2	0.4	2.5	0.0	299.56	200.00

D06

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2.250	800.	2640.3	0.0	0.2	0.0	24.83	40.00
* 2.250	1300.	2640.9	0.6	0.3	0.0	26.00	40.00
* 2.250	1600.	2641.6	0.7	0.8	0.0	26.00	40.00
* 2.250	2400.	2642.5	0.9	1.3	0.0	355.40	40.00
2.250	800.	2640.3	0.0	0.0	0.0	24.86	30.00
2.250	1300.	2646.0	5.7	5.1	0.0	481.92	30.00
2.250	1600.	2646.3	0.3	4.8	0.0	493.47	30.00
2.250	2400.	2646.9	0.6	4.4	0.0	561.03	30.00
2.250	800.	2641.5	0.0	1.2	0.0	313.59	10.00
2.250	1300.	2646.0	4.5	0.0	0.0	481.72	10.00
2.250	1600.	2646.3	0.3	0.0	0.0	493.22	10.00
2.250	2400.	2646.9	0.6	0.0	0.0	561.00	10.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.260 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 0.260 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 0.260 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.260 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.260 PROFILE= 2
 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.260 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.260 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.260 PROFILE= 3
 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.260 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.260 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.260 PROFILE= 4
 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.260 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

NOTE SECNO= 0.400 PROFILE= 1 WSEL BASED ON X5 CARD

CAUTION SECNO= 0.520 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.520 PROFILE= 2
 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.520 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.520 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.820 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.400 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.400 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.400 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.400 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.400 PROFILE= 2
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.400 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.400 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.400 PROFILE= 3
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.400 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.400 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.400 PROFILE= 4
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.400 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.400 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 1.910 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.910 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.910 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.910 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2.100 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.100 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 2.250 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.250 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 2.250 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 2.250 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.250 PROFILE= 2
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 2.250 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 2.250 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.250 PROFILE= 3
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 2.250 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 2.250 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.250 PROFILE= 4
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 2.250 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 2.250 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.250 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 2.250 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 2.250 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2.250 PROFILE= 3
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 2.250 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL

F06

CAUTION SECNO= 2.250 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2.250 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 2.250 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

606

RACCOON CREEK

MILE	500 YEAR FLOOD		WAYNESVILLE NC 100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.160	4035.	2579.5	2800.	2577.8	2300.	2577.0	1400.	2575.3
0.160	4035.	2580.4	2800.	2578.6	2300.	2577.8	1400.	2576.0
0.210	4030.	2580.9	2800.	2579.0	2300.	2578.2	1400.	2576.5
0.210	4030.	2581.4	2800.	2579.6	2300.	2578.9	1400.	2577.5
0.260	4025.	2583.8	2800.	2581.8	2300.	2580.4	1400.	2577.8
0.260	4025.	2586.0	2800.	2584.8	2300.	2583.8	1400.	2581.3
0.400	4000.	2586.1	2800.	2584.8	2300.	2583.9	1400.	2581.4
0.460	4000.	2586.1	2800.	2585.1	2300.	2584.3	1400.	2582.8
0.500	4000.	2588.2	2800.	2586.7	2300.	2585.9	1400.	2584.3
0.520	4000.	2588.4	2800.	2587.0	2300.	2586.2	1400.	2584.5
0.520	4000.	2593.5	2800.	2592.3	2300.	2591.2	1400.	2587.1
0.650	4000.	2594.9	2800.	2593.4	2300.	2592.3	1400.	2589.1
0.650	4000.	2595.1	2800.	2594.0	2300.	2593.0	1400.	2589.6
0.820	4000.	2597.1	2800.	2596.1	2300.	2595.8	1400.	2594.8
0.820	2700.	2597.7	1900.	2597.0	1500.	2596.7	900.	2595.8
0.950	2660.	2598.6	1860.	2597.9	1480.	2597.5	890.	2596.6
1.140	2610.	2605.1	1810.	2603.8	1440.	2603.1	870.	2601.9
1.400	2540.	2610.8	1740.	2610.2	1390.	2609.9	850.	2608.9
1.400	2540.	2612.0	1740.	2611.5	1390.	2611.2	850.	2610.4
1.500	2460.	2613.9	1660.	2613.1	1340.	2612.6	820.	2611.6
1.690	2460.	2620.7	1660.	2620.2	1340.	2619.9	820.	2619.5
1.910	2400.	2629.9	1600.	2629.5	1300.	2629.2	800.	2628.6
1.910	2400.	2631.0	1600.	2630.4	1300.	2630.2	800.	2629.6
2.100	2400.	2636.8	1600.	2636.1	1300.	2635.9	800.	2635.5
2.200	2400.	2638.7	1600.	2638.1	1300.	2637.8	800.	2637.2
2.250	2400.	2641.2	1600.	2640.8	1300.	2640.6	800.	2640.1

H06

2.250 2400. 2646.9 1600. 2646.3 1300. 2646.0 800. 2641.5

FLOOD INSURANCE ZONE DATA FOR RACCOON CREEK

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10'	2'	0.2'
0.160	0.	-2.54	-0.79	1.75
0.160	40.	-2.53	-0.79	1.74
0.160	41.	-2.64	-0.83	1.80
0.160	71.	-2.67	-0.84	1.82
0.160	72.	-2.62	-0.82	1.80
0.160	82.	-2.63	-0.83	1.80
0.210	242.	-2.59	-0.83	1.81
0.210	292.	-2.56	-0.79	1.72
0.210	322.	-2.09	-0.79	1.72
0.210	332.	-2.12	-0.79	1.71
0.260	422.	-3.90	-1.38	2.01
0.260	472.	-3.97	-1.22	1.21
0.260	502.	-4.10	-0.94	1.24
0.260	552.	-3.49	-0.94	1.24
0.400	1132.	-3.46	-0.96	1.27
0.460	1452.	-2.32	-0.76	1.05
0.500	1792.	-2.47	-0.79	1.43
0.520	1872.	-2.43	-0.78	1.42
0.520	1912.	-4.13	-2.01	2.17
0.520	1942.	-7.91	-3.16	1.15
0.520	1982.	-5.23	-1.16	1.15
0.650	2702.	-4.29	-1.14	1.47
0.650	2742.	-4.23	-1.11	1.45
0.650	2772.	-4.65	-0.94	1.15
0.650	2782.	-4.43	-0.94	1.15
0.820	3632.	-1.29	-0.27	1.01
0.820	3672.	-1.14	-0.31	0.69
0.820	3702.	-1.14	-0.31	0.69
0.820	3712.	-1.14	-0.31	0.69
0.950	4352.	-1.31	-0.43	0.68
1.140	5832.	-1.97	-0.69	1.26
1.400	6452.	-1.35	-0.38	0.54
1.400	6492.	-1.18	-0.39	0.71
1.400	6522.	-1.10	-0.31	0.55
1.400	6532.	-1.11	-0.32	0.56
1.500	7112.	-1.40	-0.47	0.89
1.690	8172.	-0.63	-0.22	0.52
1.910	9182.	-0.93	-0.27	0.44
1.910	9222.	-0.82	-0.25	0.57
1.910	9252.	-0.80	-0.24	0.56
1.910	9292.	-0.83	-0.26	0.58
2.100	10172.	-0.66	-0.29	0.69
2.200	10712.	-0.88	-0.26	0.61
2.250	10912.	-0.72	-0.23	0.38
2.250	10952.	-1.30	-0.66	0.95
2.250	10982.	-6.05	-0.32	0.61
2.250	10992.	-4.84	-0.32	0.61
WEIGHTED AVG FOR REACH		-1.90	-0.56	0.91

FHF FOR THE REACH = 020 WITH 22.6% OF THE REACH WITHIN 0.5 FEET
 ZONE FOR THE REACH = A 4

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10'	1'	DIFF.			
	0.				SEC.	0.160	
	40.				SEC.	0.160	
	41.				SEC.	0.160	
	71.				SEC.	0.160	
	72.				SEC.	0.160	
	82.				SEC.	0.160	
1	100.	2575.64	2578.22	-2.58	-2.58	025	100.
2	200.	2576.17	2578.78	-2.61	-2.60	025	100.
	242.				SEC.	0.210	
	292.				SEC.	0.210	
3	300.	2576.72	2579.24	-2.52	-2.57	025	100.
	322.				SEC.	0.210	
	332.				SEC.	0.210	
4	400.	2577.45	2580.40	-2.95	-2.67	025	100.
	422.				SEC.	0.260	
	472.				SEC.	0.260	
5	500.	2579.19	2582.97	-3.78	-2.89	030	100.
	502.				SEC.	0.260	
	552.				SEC.	0.260	
6	600.	2580.94	2584.73	-3.79	-3.04	030	100.
7	700.	2581.28	2584.77	-3.49	-3.10	030	100.
8	800.	2581.30	2584.78	-3.48	-3.15	030	100.
9	900.	2581.32	2584.79	-3.48	-3.19	030	100.
10	1000.	2581.33	2584.81	-3.47	-3.22	030	100.
11	1100.	2581.35	2584.82	-3.47	-3.24	030	100.
	1132.				SEC.	0.400	
12	1200.	2581.51	2584.85	-3.34	-3.25	030	100.
13	1300.	2581.88	2584.92	-3.04	-3.23	030	100.
14	1400.	2582.32	2585.00	-2.68	-3.19	030	100.
	1452.				SEC.	0.460	
15	1500.	2582.75	2585.17	-2.42	-3.14	030	100.
16	1600.	2583.19	2585.55	-2.36	-3.09	030	100.
17	1700.	2583.63	2586.04	-2.40	-3.05	030	100.
	1792.				SEC.	0.500	
18	1800.	2584.07	2586.52	-2.44	-3.02	030	100.
	1872.				SEC.	0.520	
19	1900.	2584.34	2587.39	-3.04	-3.02	030	100.
	1912.				SEC.	0.520	
	1942.				SEC.	0.520	
	1982.				SEC.	0.520	
20	2000.	2585.78	2590.20	-4.42	-3.09	030	95.
21	2100.	2587.30	2592.45	-5.14	-3.19	030	90.
22	2200.	2587.58	2592.59	-5.01	-3.27	035	86.
23	2300.	2587.86	2592.74	-4.88	-3.34	035	83.
24	2400.	2588.13	2592.89	-4.75	-3.40	035	75.

K06

25	2500.	2588.41	2593.04	-4.62	-3.45	035	64.
26	2600.	2588.69	2593.18	-4.49	-3.49	035	62.
27	2700.	2588.97	2593.33	-4.36	-3.52	035	63.
	2702.				SEC.	0.650	
	2742.				SEC.	0.650	
	2772.				SEC.	0.650	
	2782.				SEC.	0.650	
28	2800.	2589.39	2593.72	-4.33	-3.55	035	64.
29	2900.	2589.97	2594.15	-4.18	-3.57	035	66.
30	3000.	2590.59	2594.40	-3.81	-3.58	035	67.
31	3100.	2591.21	2594.64	-3.44	-3.57	035	68.
32	3200.	2591.82	2594.89	-3.07	-3.56	035	69.
33	3300.	2592.44	2595.13	-2.70	-3.53	035	70.
34	3400.	2593.05	2595.38	-2.33	-3.50	035	71.
35	3500.	2593.67	2595.63	-1.96	-3.45	035	66.
36	3600.	2594.28	2595.87	-1.59	-3.40	035	69.
	3632.				SEC.	0.820	
	3672.				SEC.	0.820	
37	3700.	2595.21	2596.48	-1.27	-3.34	035	68.
	3702.				SEC.	0.820	
	3712.				SEC.	0.820	
38	3800.	2595.89	2597.04	-1.15	-3.29	035	66.
39	3900.	2596.01	2597.18	-1.18	-3.23	030	64.
40	4000.	2596.13	2597.33	-1.21	-3.18	030	63.
41	4100.	2596.25	2597.48	-1.23	-3.13	030	59.
42	4200.	2596.37	2597.62	-1.26	-3.09	030	57.
43	4300.	2596.49	2597.77	-1.28	-3.05	030	56.
	4352.				SEC.	0.950	
44	4400.	2596.67	2597.98	-1.31	-3.01	030	55.
45	4500.	2596.96	2598.31	-1.36	-2.97	030	53.
46	4600.	2597.31	2598.71	-1.40	-2.94	030	54.
47	4700.	2597.67	2599.11	-1.44	-2.91	030	53.
48	4800.	2598.03	2599.51	-1.49	-2.88	030	52.
49	4900.	2598.38	2599.91	-1.53	-2.85	030	51.
50	5000.	2598.74	2600.31	-1.58	-2.82	030	50.
51	5100.	2599.09	2600.71	-1.62	-2.80	030	47.
52	5200.	2599.45	2601.11	-1.67	-2.78	030	42.
53	5300.	2599.80	2601.51	-1.71	-2.76	030	42.
54	5400.	2600.16	2601.91	-1.75	-2.74	025	43.
55	5500.	2600.51	2602.31	-1.80	-2.72	025	44.
56	5600.	2600.87	2602.71	-1.84	-2.71	025	46.
57	5700.	2601.22	2603.11	-1.89	-2.69	025	47.
58	5800.	2601.58	2603.51	-1.93	-2.68	025	48.
	5832.				SEC.	1.140	
59	5900.	2602.20	2604.12	-1.93	-2.67	025	51.
60	6000.	2603.21	2605.06	-1.85	-2.65	025	52.
61	6100.	2604.34	2606.09	-1.75	-2.64	025	52.
62	6200.	2605.47	2607.12	-1.65	-2.62	025	55.
63	6300.	2606.60	2608.16	-1.55	-2.60	025	54.
64	6400.	2607.73	2609.19	-1.46	-2.59	025	55.
	6452.				SEC.	1.400	
	6492.				SEC.	1.400	
65	6500.	2609.09	2610.37	-1.28	-2.57	025	55.
	6522.				SEC.	1.400	
	6532.				SEC.	1.400	
66	6600.	2610.20	2611.36	-1.15	-2.55	025	56.
67	6700.	2610.63	2611.80	-1.17	-2.52	025	57.
68	6800.	2610.85	2612.07	-1.22	-2.51	025	56.
69	6900.	2611.07	2612.34	-1.27	-2.49	025	55.
70	7000.	2611.29	2612.61	-1.32	-2.47	025	50.

L06

71	7100.	2611.51	2612.88	-1.37	-2.46	025	49.
	7112.				SEC.	1.500	
72	7200.	2611.96	2613.33	-1.37	-2.44	025	50.
73	7300.	2612.67	2613.97	-1.30	-2.42	025	48.
74	7400.	2613.42	2614.65	-1.23	-2.41	025	47.
75	7500.	2614.16	2615.32	-1.16	-2.39	025	48.
76	7600.	2614.90	2615.99	-1.08	-2.37	025	47.
77	7700.	2615.64	2616.66	-1.01	-2.36	025	49.
78	7800.	2616.39	2617.33	-0.94	-2.34	025	49.
79	7900.	2617.13	2618.00	-0.87	-2.32	025	49.
80	8000.	2617.87	2618.67	-0.79	-2.30	025	51.
81	8100.	2618.62	2619.34	-0.72	-2.28	025	53.
	8172.				SEC.	1.690	
82	8200.	2619.36	2620.04	-0.66	-2.26	025	55.
83	8300.	2620.22	2620.80	-0.66	-2.24	020	55.
84	8400.	2621.11	2621.80	-0.69	-2.22	020	57.
85	8500.	2622.01	2622.72	-0.71	-2.21	020	58.
86	8600.	2622.90	2623.65	-0.74	-2.19	020	58.
87	8700.	2623.80	2624.57	-0.77	-2.17	020	59.
88	8800.	2624.69	2625.49	-0.80	-2.16	020	60.
89	8900.	2625.58	2626.42	-0.83	-2.14	020	62.
90	9000.	2626.48	2627.34	-0.86	-2.13	020	61.
91	9100.	2627.37	2628.26	-0.89	-2.11	020	60.
	9182.				SEC.	1.910	
92	9200.	2628.37	2629.27	-0.89	-2.10	020	60.
	9222.				SEC.	1.910	
	9252.				SEC.	1.910	
	9292.				SEC.	1.910	
93	9300.	2629.28	2630.13	-0.85	-2.09	020	59.
94	9400.	2629.97	2630.79	-0.81	-2.07	020	60.
95	9500.	2630.64	2631.44	-0.79	-2.06	020	58.
96	9600.	2631.31	2632.09	-0.78	-2.05	020	57.
97	9700.	2631.99	2632.74	-0.76	-2.03	020	55.
98	9800.	2632.66	2633.40	-0.74	-2.02	020	54.
99	9900.	2633.33	2634.05	-0.72	-2.01	020	55.
100	10000.	2634.00	2634.70	-0.70	-1.99	020	22.
101	10100.	2634.67	2635.35	-0.68	-1.98	020	23.
	10172.				SEC.	2.100	
102	10200.	2635.29	2635.96	-0.67	-1.97	020	23.
103	10300.	2635.74	2636.43	-0.69	-1.96	020	22.
104	10400.	2636.06	2636.79	-0.73	-1.94	020	23.
105	10500.	2636.38	2637.15	-0.77	-1.93	020	23.
106	10600.	2636.70	2637.51	-0.81	-1.92	020	23.
107	10700.	2637.02	2637.87	-0.86	-1.91	020	21.
	10712.				SEC.	2.200	
108	10800.	2637.82	2638.66	-0.84	-1.90	020	21.
109	10900.	2639.18	2639.95	-0.77	-1.89	020	21.
	10912.				SEC.	2.250	
	10952.				SEC.	2.250	
	10982.				SEC.	2.250	
	10992.				SEC.	2.250	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
 INPUT ZON WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
 OF EACH REACH BY INC NO. FOR EXAMPLE 202 23 109
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10'	1'	DIFF.			
	0.				SEC.		0.160
	40.				SEC.		0.160
	41.				SEC.		0.160
	71.				SEC.		0.160
	72.				SEC.		0.160
	82.				SEC.		0.160
1	100.	2575.64	2578.22	-2.58	-2.58	025	100.
2	200.	2575.17	2578.78	-2.61	-2.60	025	100.
	242.				SEC.		0.210
	292.				SEC.		0.210
3	300.	2576.72	2579.24	-2.52	-2.57	025	100.
	322.				SEC.		0.210
	332.				SEC.		0.210
4	400.	2577.45	2580.40	-2.95	-2.67	025	100.
	422.				SEC.		0.260
	472.				SEC.		0.260
5	500.	2579.19	2582.97	-3.78	-2.89	030	100.
	502.				SEC.		0.260
	552.				SEC.		0.260
6	600.	2580.94	2584.73	-3.79	-3.04	030	100.
7	700.	2581.28	2584.77	-3.49	-3.10	030	100.
8	800.	2581.30	2584.78	-3.48	-3.15	030	100.
9	900.	2581.32	2584.79	-3.48	-3.19	030	100.
10	1000.	2581.33	2584.81	-3.47	-3.22	030	100.
11	1100.	2581.35	2584.82	-3.47	-3.24	030	100.
	1132.				SEC.		0.400
12	1200.	2581.51	2584.85	-3.34	-3.25	030	100.
13	1300.	2581.88	2584.92	-3.04	-3.23	030	100.
14	1400.	2582.32	2585.00	-2.68	-3.19	030	100.
	1452.				SEC.		0.460
15	1500.	2582.75	2585.17	-2.42	-3.14	030	100.
16	1600.	2583.19	2585.55	-2.36	-3.09	030	100.
17	1700.	2583.63	2586.04	-2.40	-3.05	030	100.
	1792.				SEC.		0.500
18	1800.	2584.07	2586.52	-2.44	-3.02	030	100.
	1872.				SEC.		0.520
19	1900.	2584.34	2587.39	-3.04	-3.02	030	100.
	1912.				SEC.		0.520
	1942.				SEC.		0.520
	1982.				SEC.		0.520
20	2000.	2585.78	2590.20	-4.42	-3.09	030	95.
21	2100.	2587.30	2592.45	-5.14	-3.19	030	90.
22	2200.	2587.58	2592.59	-5.01	-3.27	035	86.
23	2300.	2587.86	2592.74	-4.88	-3.34	035	83.

ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND
10' 2' 0.2'

WEIGHTED AVG FOR REACH -3.34 -0.96 1.38

FHF FOR REACH 1 = 035 WITH 83.4 OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 7

A07

24	2400.	2588.13	2592.89	-4.75	-4.75	050	100.
25	2500.	2588.41	2593.04	-4.62	-4.69	045	100.
26	2600.	2588.69	2593.18	-4.49	-4.62	045	100.
27	2700.	2588.97	2593.33	-4.36	-4.56	045	100.
	2702.					SEC.	0.650
	2742.					SEC.	0.650
	2772.					SEC.	0.650
	2782.					SEC.	0.650
28	2800.	2589.39	2593.72	-4.33	-4.51	045	100.
29	2900.	2589.97	2594.15	-4.18	-4.46	045	100.
30	3000.	2590.59	2594.40	-3.81	-4.36	045	100.
31	3100.	2591.21	2594.64	-3.44	-4.25	040	100.
32	3200.	2591.82	2594.89	-3.07	-4.12	040	89.
33	3300.	2592.44	2595.13	-2.70	-3.97	040	90.
34	3400.	2593.05	2595.38	-2.33	-3.83	040	82.
35	3500.	2593.67	2595.63	-1.96	-3.67	035	75.
36	3600.	2594.28	2595.87	-1.59	-3.51	035	62.
	3632.					SEC.	0.820
	3672.					SEC.	0.820
37	3700.	2595.21	2596.48	-1.27	-3.35	035	43.
	3702.					SEC.	0.820
	3712.					SEC.	0.820
38	3800.	2595.89	2597.04	-1.15	-3.20	030	40.
39	3900.	2596.01	2597.18	-1.18	-3.08	030	31.
40	4000.	2596.13	2597.33	-1.21	-2.97	030	29.
41	4100.	2596.25	2597.48	-1.23	-2.87	030	33.
42	4200.	2596.37	2597.62	-1.26	-2.79	030	26.
43	4300.	2596.49	2597.77	-1.28	-2.71	025	25.
	4352.					SEC.	0.950
44	4400.	2596.67	2597.98	-1.31	-2.64	025	24.
45	4500.	2596.96	2598.31	-1.36	-2.59	025	27.
46	4600.	2597.31	2598.71	-1.40	-2.53	025	26.
47	4700.	2597.67	2599.11	-1.44	-2.49	025	25.
48	4800.	2598.03	2599.51	-1.49	-2.45	025	28.
49	4900.	2598.38	2599.91	-1.53	-2.41	025	31.
50	5000.	2598.74	2600.31	-1.58	-2.38	025	37.
51	5100.	2599.09	2600.71	-1.62	-2.35	025	43.
52	5200.	2599.45	2601.11	-1.67	-2.33	025	45.
53	5300.	2599.80	2601.51	-1.71	-2.31	025	50.
54	5400.	2600.16	2601.91	-1.75	-2.29	025	52.
55	5500.	2600.51	2602.31	-1.80	-2.28	025	56.
56	5600.	2600.87	2602.71	-1.84	-2.26	025	61.
57	5700.	2601.22	2603.11	-1.89	-2.25	025	65.
58	5800.	2601.58	2603.51	-1.93	-2.24	020	66.
	5832.					SEC.	1.140
59	5900.	2602.20	2604.12	-1.93	-2.23	020	67.
60	6000.	2603.21	2605.06	-1.85	-2.22	020	70.
61	6100.	2604.34	2606.09	-1.75	-2.21	020	71.
62	6200.	2605.47	2607.12	-1.65	-2.20	020	74.
63	6300.	2606.60	2608.16	-1.55	-2.18	020	75.
64	6400.	2607.73	2609.19	-1.46	-2.16	020	78.
	6452.					SEC.	1.400
	6492.					SEC.	1.400
65	6500.	2609.09	2610.37	-1.28	-2.14	020	81.
	6522.					SEC.	1.400
	6532.					SEC.	1.400
66	6600.	2610.20	2611.36	-1.15	-2.12	020	81.
67	6700.	2610.63	2611.80	-1.17	-2.10	020	82.
68	6800.	2610.85	2612.07	-1.22	-2.08	020	82.
69	6900.	2611.07	2612.34	-1.27	-2.06	020	80.

B07

70	7000.	2611.29	2612.61	-1.32	-2.05	020	81.
71	7100.	2611.51	2612.88	-1.37	-2.03	020	81.
	7112.				SEC.	1.500	
72	7200.	2611.96	2613.33	-1.37	-2.02	020	82.
73	7300.	2612.67	2613.97	-1.30	-2.00	020	82.
74	7400.	2613.42	2614.65	-1.23	-1.99	020	37.
75	7500.	2614.16	2615.32	-1.16	-1.97	020	37.
76	7600.	2614.90	2615.99	-1.08	-1.96	020	38.
77	7700.	2615.64	2616.66	-1.01	-1.94	020	39.
78	7800.	2616.39	2617.33	-0.94	-1.92	020	38.
79	7900.	2617.13	2618.00	-0.87	-1.90	020	38.
80	8000.	2617.87	2618.67	-0.79	-1.88	020	39.
81	8100.	2618.62	2619.34	-0.72	-1.86	020	41.
	8172.				SEC.	1.690	
82	8200.	2619.38	2620.04	-0.66	-1.84	020	42.
83	8300.	2620.22	2620.88	-0.66	-1.82	020	40.
84	8400.	2621.11	2621.80	-0.69	-1.80	020	43.
85	8500.	2622.01	2622.72	-0.71	-1.79	020	44.
86	8600.	2622.90	2623.65	-0.74	-1.77	020	49.
87	8700.	2623.80	2624.57	-0.77	-1.75	020	50.
88	8800.	2624.69	2625.49	-0.80	-1.74	015	49.
89	8900.	2625.58	2626.42	-0.83	-1.73	015	52.
90	9000.	2626.48	2627.34	-0.86	-1.71	015	52.
91	9100.	2627.37	2628.26	-0.89	-1.70	015	53.
	9182.				SEC.	1.910	
92	9200.	2628.37	2629.27	-0.89	-1.69	015	52.
	9222.				SEC.	1.910	
	9252.				SEC.	1.910	
	9292.				SEC.	1.910	
93	9300.	2629.20	2630.13	-0.85	-1.68	015	53.
94	9400.	2629.97	2630.79	-0.81	-1.66	015	54.
95	9500.	2630.64	2631.44	-0.79	-1.65	015	56.
96	9600.	2631.31	2632.09	-0.78	-1.64	015	56.
97	9700.	2631.99	2632.74	-0.76	-1.63	015	55.
98	9800.	2632.66	2633.40	-0.74	-1.62	015	55.
99	9900.	2633.33	2634.05	-0.72	-1.60	015	54.
100	10000.	2634.00	2634.70	-0.70	-1.59	015	53.
101	10100.	2634.67	2635.35	-0.68	-1.58	015	54.
	10172.				SEC.	2.100	
102	10200.	2635.29	2635.96	-0.67	-1.57	015	53.
103	10300.	2635.74	2636.43	-0.69	-1.56	015	53.
104	10400.	2636.06	2636.79	-0.73	-1.55	015	52.
105	10500.	2636.38	2637.15	-0.77	-1.54	015	51.
106	10600.	2636.70	2637.51	-0.81	-1.53	015	51.
107	10700.	2637.02	2637.87	-0.86	-1.52	015	50.
	10712.				SEC.	2.200	
108	10800.	2637.82	2638.66	-0.84	-1.51	015	51.
109	10900.	2639.18	2639.95	-0.77	-1.51	015	50.
	10912.				SEC.	2.250	
	10952.				SEC.	2.250	
	10982.				SEC.	2.250	
	10992.				SEC.	2.250	

ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

WEIGHTED AVG FOR REACH 10¢ 2¢ 0.2¢
-1.51 -0.44 0.80

FHF FOR REACH 2 = 015 WITH 50.4 OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 3

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA	DATA	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
		10'	1'				
	0.					SEC.	0.160
	40.					SEC.	0.160
	41.					SEC.	0.160
	71.					SEC.	0.160
	72.					SEC.	0.160
	82.					SEC.	0.160
1	100.	2575.64	2578.22	-2.58	-2.58	025	100.
2	200.	2576.17	2578.78	-2.61	-2.60	025	100.
	242.					SEC.	0.210
	292.					SEC.	0.210
3	300.	2576.72	2579.24	-2.52	-2.57	025	100.
	322.					SEC.	0.210
	332.					SEC.	0.210
4	400.	2577.45	2580.40	-2.95	-2.67	025	100.
	422.					SEC.	0.260
	472.					SEC.	0.260
5	500.	2579.19	2582.97	-3.78	-2.89	030	100.
	502.					SEC.	0.260
	552.					SEC.	0.260
6	600.	2580.94	2584.73	-3.79	-3.04	030	100.
7	700.	2581.28	2584.77	-3.49	-3.10	030	100.
8	800.	2581.30	2584.78	-3.48	-3.15	030	100.
9	900.	2581.32	2584.79	-3.48	-3.19	030	100.
10	1000.	2581.33	2584.81	-3.47	-3.22	030	100.
11	1100.	2581.35	2584.82	-3.47	-3.24	030	100.
	1132.					SEC.	0.400
12	1200.	2581.51	2584.85	-3.34	-3.25	030	100.
13	1300.	2581.88	2584.92	-3.04	-3.23	030	100.
14	1400.	2582.32	2585.00	-2.68	-3.19	030	100.
	1452.					SEC.	0.460
15	1500.	2582.75	2585.17	-2.42	-3.14	030	100.
16	1600.	2583.19	2585.55	-2.36	-3.09	030	100.
17	1700.	2583.63	2586.04	-2.40	-3.05	030	100.
	1792.					SEC.	0.500
18	1800.	2584.07	2586.52	-2.44	-3.02	030	100.
	1872.					SEC.	0.520
19	1900.	2584.34	2587.39	-3.04	-3.02	030	100.
	1912.					SEC.	0.520
	1942.					SEC.	0.520
	1982.					SEC.	0.520
20	2000.	2585.78	2590.20	-4.42	-3.09	030	95.
21	2100.	2587.30	2592.45	-5.14	-3.19	030	90.
22	2200.	2587.58	2592.59	-5.01	-3.27	035	86.
23	2300.	2587.86	2592.74	-4.88	-3.34	035	83.

ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

	10'	2'	0.2'
WEIGHTED AVG FOR REACH	-3.34	-0.96	1.38

D07

FHF FOR REACH 1 = 035 WITH 83.4 OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A 7

24	2400.	2588.13	2592.89	-4.75	-4.75	050	100.
25	2500.	2588.41	2593.04	-4.62	-4.69	045	100.
26	2600.	2588.69	2593.18	-4.49	-4.62	045	100.
27	2700.	2588.97	2593.33	-4.36	-4.56	045	100.
	2702.					SEC.	0.650
	2742.					SEC.	0.650
	2772.					SEC.	0.650
	2782.					SEC.	0.650
28	2800.	2589.39	2593.72	-4.33	-4.51	045	100.
29	2900.	2589.97	2594.15	-4.18	-4.46	045	100.
30	3000.	2590.59	2594.40	-3.81	-4.36	045	100.
31	3100.	2591.21	2594.64	-3.44	-4.25	040	100.
32	3200.	2591.82	2594.89	-3.07	-4.12	040	89.
33	3300.	2592.44	2595.13	-2.70	-3.97	040	90.
34	3400.	2593.05	2595.38	-2.33	-3.83	040	82.
35	3500.	2593.67	2595.63	-1.96	-3.67	035	75.
36	3600.	2594.28	2595.87	-1.59	-3.51	035	62.
	3632.					SEC.	0.820
	3672.					SEC.	0.820

ELEVATION DIFFERENCE

BETWEEN BASE FLOOD AND

10' 2' 0.2'

WEIGHTED AVG FOR REACH -3.51 -0.81 1.19

FHF FOR REACH 2 = 035 WITH 62.4 OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A 7

37	3700.	2595.21	2596.48	-1.27	-1.27	015	100.
	3702.					SEC.	0.820
	3712.					SEC.	0.820
38	3800.	2595.89	2597.04	-1.15	-1.21	010	100.
39	3900.	2596.01	2597.18	-1.18	-1.20	010	100.
40	4000.	2596.13	2597.33	-1.21	-1.20	010	100.
41	4100.	2596.25	2597.48	-1.23	-1.21	010	100.
42	4200.	2596.37	2597.62	-1.26	-1.22	010	100.
43	4300.	2596.49	2597.77	-1.28	-1.23	010	100.
	4352.					SEC.	0.950
44	4400.	2596.67	2597.98	-1.31	-1.24	010	100.
45	4500.	2596.96	2598.31	-1.36	-1.25	010	100.
46	4600.	2597.31	2598.71	-1.40	-1.26	015	100.
47	4700.	2597.67	2599.11	-1.44	-1.28	015	100.
48	4800.	2598.03	2599.51	-1.49	-1.30	015	100.
49	4900.	2598.38	2599.91	-1.53	-1.32	015	100.
50	5000.	2598.74	2600.31	-1.58	-1.33	015	100.
51	5100.	2599.09	2600.71	-1.62	-1.35	015	100.
52	5200.	2599.45	2601.11	-1.67	-1.37	015	100.
53	5300.	2599.80	2601.51	-1.71	-1.39	015	100.
54	5400.	2600.16	2601.91	-1.75	-1.41	015	100.
55	5500.	2600.51	2602.31	-1.80	-1.43	015	100.
56	5600.	2600.87	2602.71	-1.84	-1.45	015	100.
57	5700.	2601.22	2603.11	-1.89	-1.47	015	100.
58	5800.	2601.58	2603.51	-1.93	-1.50	015	100.
	5832.					SEC.	1.140
59	5900.	2602.20	2604.12	-1.93	-1.51	015	100.

E07

60	6000.	2603.21	2605.06	-1.85	-1.53	015	100.
61	6100.	2604.34	2606.09	-1.75	-1.54	015	100.
62	6200.	2605.47	2607.12	-1.65	-1.54	015	100.
63	6300.	2606.60	2608.16	-1.55	-1.54	015	100.
64	6400.	2607.73	2609.19	-1.46	-1.54	015	100.
	6452.				SEC.		1.400
	6492.				SEC.		1.400
65	6500.	2609.09	2610.37	-1.28	-1.53	015	100.
	6522.				SEC.		1.400
	6532.				SEC.		1.400
66	6600.	2610.20	2611.36	-1.15	-1.52	015	100.
67	6700.	2610.63	2611.80	-1.17	-1.51	015	100.
68	6800.	2610.85	2612.07	-1.22	-1.50	015	100.
69	6900.	2611.07	2612.34	-1.27	-1.49	015	100.
70	7000.	2611.29	2612.61	-1.32	-1.49	015	100.
71	7100.	2611.51	2612.88	-1.37	-1.48	015	100.
	7112.				SEC.		1.500
72	7200.	2611.96	2613.33	-1.37	-1.48	015	100.
73	7300.	2612.67	2613.97	-1.30	-1.47	015	100.
74	7400.	2613.42	2614.65	-1.23	-1.47	015	100.
75	7500.	2614.16	2615.32	-1.16	-1.46	015	100.
76	7600.	2614.90	2615.99	-1.08	-1.45	015	100.
77	7700.	2615.64	2616.66	-1.01	-1.44	015	100.
78	7800.	2616.39	2617.33	-0.94	-1.43	015	98.
79	7900.	2617.13	2618.00	-0.87	-1.41	015	93.
80	8000.	2617.87	2618.67	-0.79	-1.40	015	91.
81	8100.	2618.62	2619.34	-0.72	-1.39	015	89.
	8172.				SEC.		1.690
82	8200.	2619.38	2620.04	-0.66	-1.37	015	85.
83	8300.	2620.22	2620.88	-0.66	-1.35	015	85.
84	8400.	2621.11	2621.80	-0.69	-1.34	015	79.
85	8500.	2622.01	2622.72	-0.71	-1.33	015	78.
86	8600.	2622.90	2623.65	-0.74	-1.32	015	76.
87	8700.	2623.80	2624.57	-0.77	-1.31	015	75.
88	8800.	2624.69	2625.49	-0.80	-1.30	015	73.
89	8900.	2625.58	2626.42	-0.83	-1.29	015	75.
90	9000.	2626.48	2627.34	-0.86	-1.28	015	76.
91	9100.	2627.37	2628.26	-0.89	-1.27	015	78.
	9182.				SEC.		1.910
92	9200.	2628.37	2629.27	-0.89	-1.27	015	79.
	9222.				SEC.		1.910
	9252.				SEC.		1.910
	9292.				SEC.		1.910
93	9300.	2629.28	2630.13	-0.85	-1.26	015	79.
94	9400.	2629.97	2630.79	-0.81	-1.25	015	76.
95	9500.	2630.64	2631.44	-0.79	-1.24	010	78.
96	9600.	2631.31	2632.09	-0.78	-1.24	010	78.
97	9700.	2631.99	2632.74	-0.76	-1.23	010	79.
98	9800.	2632.66	2633.40	-0.74	-1.22	010	81.
99	9900.	2633.33	2634.05	-0.72	-1.21	010	83.
100	10000.	2634.00	2634.70	-0.70	-1.20	010	81.
101	10100.	2634.67	2635.35	-0.68	-1.20	010	80.
	10172.				SEC.		2.100
102	10200.	2635.29	2635.96	-0.67	-1.19	010	80.
103	10300.	2635.74	2636.43	-0.69	-1.18	010	82.
104	10400.	2636.06	2636.79	-0.73	-1.17	010	84.
105	10500.	2636.38	2637.15	-0.77	-1.17	010	84.
106	10600.	2636.70	2637.51	-0.81	-1.16	010	84.
107	10700.	2637.02	2637.87	-0.86	-1.16	010	85.
	10712.				SEC.		2.200

F07

108	10800.	2637.82	2638.66	-0.84	-1.15	010	86.
109	10900.	2639.18	2639.95	-0.77	-1.15	010	85.
	10912.					SEC.	2.250
	10952.					SEC.	2.250
	10982.					SEC.	2.250
	10992.					SEC.	2.250

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ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

	10'	2'	0.2'
WEIGHTED AVG FOR REACH	-1.15	-0.38	0.73

FHF FOR REACH 3 = 010 WITH 85.4 OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

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