

YADKIN RIVER

10-, 50-, 100-, & 500-YR
 PROFILE PLOTTED 29 OCT. 76
 BY S.P. FLETCHER

 HEC2 VERSION UPDATED JAN 1976
 ERROR CORRECTION 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 10 YR S

| J1 | ICHECK | INC | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FC |
|----|----------|-----------|-----------|-----------|-----------|------------|---------|----------|---------|----------|
| | 0. | 2. | 0. | 0. | 0.000800 | 0. | 0. | 0. | 880.500 | 0. |
| J2 | KPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIN | ITRACE |
| | 1.000 | 0. | -1.000 | 5.000 | 100.000 | 0. | 0. | 0. | 0. | 0. |
| NC | 0.090 | 0.090 | 0.080 | 0.500 | 0.500 | 0. | 0. | 0. | 0. | 0. |
| QT | 5.000 | 27000.000 | 49000.000 | 63000.000 | 63000.000 | 115000.000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 10.400 | 0. | 0. | 0. | 0. |
| X1 | 9026.900 | 60.000 | 506.000 | 771.000 | 0. | 0. | 0. | 0. | 0. | 0. |
| GR | 929.200 | 0. | 918.200 | 50.000 | 899.300 | 96.000 | 899.200 | 100.000 | 899.600 | 113.000 |
| GR | 899.200 | 125.000 | 887.500 | 143.000 | 889.700 | 150.000 | 889.700 | 153.000 | 888.300 | 163.000 |
| GR | 888.500 | 167.000 | 887.300 | 173.000 | 886.300 | 193.000 | 885.800 | 200.000 | 882.300 | 250.000 |
| GR | 881.600 | 300.000 | 878.600 | 350.000 | 878.800 | 362.000 | 880.900 | 370.000 | 878.300 | 400.000 |
| GR | 877.000 | 450.000 | 877.000 | 500.000 | 877.500 | 506.000 | 865.900 | 525.000 | 863.000 | 535.000 |
| GR | 862.800 | 545.000 | 863.100 | 555.000 | 863.200 | 565.000 | 863.800 | 575.000 | 863.600 | 585.000 |
| GR | 863.500 | 595.000 | 863.400 | 605.000 | 863.100 | 615.000 | 862.500 | 625.000 | 862.100 | 635.000 |
| GR | 862.000 | 645.000 | 862.000 | 655.000 | 862.300 | 665.000 | 862.800 | 675.000 | 862.600 | 685.000 |
| GR | 862.600 | 695.000 | 862.300 | 705.000 | 862.000 | 715.000 | 861.500 | 725.000 | 860.600 | 735.000 |
| GR | 861.300 | 745.000 | 866.000 | 751.000 | 874.800 | 757.000 | 876.000 | 763.000 | 879.800 | 771.000 |
| GR | 879.900 | 800.000 | 876.700 | 850.000 | 873.500 | 900.000 | 872.900 | 950.000 | 872.700 | 1000.000 |
| GR | 873.200 | 1050.000 | 873.200 | 060.000 | 879.900 | 1067.000 | 895.200 | 1100.000 | 915.500 | 1135.000 |
| X1 | 9027.500 | 89.000 | 626.000 | 812.000 | 60.000 | 60.000 | 60.000 | 0. | 0. | 0. |
| BT | 13.000 | 210.000 | 928.000 | 924.000 | 258.000 | 926.700 | 922.800 | 330.000 | 925.000 | 921.000 |
| BT | 374.000 | 923.800 | 919.900 | 421.000 | 922.500 | 918.800 | 492.000 | 920.900 | 917.000 | 562.000 |
| BT | 919.000 | 915.300 | 632.000 | 917.400 | 913.500 | 703.000 | 915.600 | 911.700 | 773.000 | 914.100 |
| BT | 910.100 | 843.000 | 912.900 | 908.900 | 914.000 | 912.000 | 908.000 | 979.000 | 911.500 | 907.800 |
| GR | 933.000 | 0. | 930.700 | 100.000 | 927.800 | 210.000 | 923.200 | 211.000 | 907.000 | 257.000 |
| GR | 922.800 | 258.000 | 922.800 | 260.000 | 906.700 | 261.000 | 899.800 | 293.000 | 892.500 | 303.000 |
| GR | 893.500 | 309.000 | 894.500 | 318.000 | 894.900 | 326.000 | 921.000 | 327.000 | 921.000 | 329.000 |
| GR | 894.900 | 330.000 | 894.300 | 337.000 | 888.400 | 345.000 | 890.100 | 346.000 | 890.200 | 350.000 |
| GR | 885.400 | 373.000 | 920.000 | 374.000 | 920.000 | 376.000 | 785.300 | 377.000 | 882.200 | 400.000 |
| GR | 881.500 | 420.000 | 918.700 | 421.000 | 918.700 | 423.000 | 881.300 | 424.000 | 880.100 | 460.000 |
| GR | 878.700 | 491.000 | 917.000 | 492.000 | 917.000 | 494.000 | 878.600 | 495.000 | 878.000 | 510.000 |
| GR | 876.900 | 561.000 | 915.200 | 562.000 | 915.200 | 564.000 | 876.900 | 565.000 | 879.000 | 610.000 |
| GR | 875.800 | 626.000 | 875.700 | 631.000 | 913.500 | 632.000 | 913.500 | 634.000 | 875.700 | 635.000 |
| GR | 866.100 | 644.000 | 861.600 | 654.000 | 861.300 | 664.000 | 861.800 | 674.000 | 861.800 | 684.000 |
| GR | 861.400 | 694.000 | 861.300 | 702.000 | 911.700 | 703.000 | 911.700 | 705.000 | 861.300 | 706.000 |
| GR | 861.900 | 714.000 | 861.700 | 724.000 | 861.500 | 734.000 | 861.100 | 744.000 | 861.300 | 754.000 |
| GR | 860.900 | 764.000 | 860.900 | 772.000 | 910.100 | 773.000 | 910.100 | 775.000 | 860.900 | 776.000 |
| GR | 860.700 | 784.000 | 861.000 | 794.000 | 860.900 | 804.000 | 866.100 | 812.000 | 875.900 | 823.000 |
| GR | 877.800 | 842.000 | 908.900 | 843.000 | 908.900 | 845.000 | 877.800 | 846.000 | 879.100 | 860.000 |
| GR | 881.300 | 910.000 | 881.700 | 913.000 | 908.000 | 914.000 | 908.000 | 915.000 | 881.700 | 916.000 |
| GR | 883.700 | 935.000 | 899.600 | 960.000 | 907.100 | 978.000 | 911.500 | 979.000 | 911.500 | 1000.000 |
| GR | 911.400 | 1050.000 | 911.500 | 1100.000 | 911.800 | 1150.000 | 912.300 | 1200.000 | 0. | 0. |

| | | | | | | | | | | |
|----|----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| GR | 863,800 | 1385,000 | 862,300 | 1375,000 | 862,300 | 1385,000 | 863,500 | 1395,000 | 864,800 | 1405,000 |
| GR | 869,700 | 1415,000 | 878,200 | 1435,000 | 883,600 | 1444,000 | 884,800 | 1450,000 | 894,600 | 1488,000 |
| GR | 899,200 | 1500,000 | 909,800 | 1514,000 | 909,600 | 1550,000 | 907,100 | 1600,000 | 907,300 | 1625,000 |
| GR | 911,300 | 1636,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| XI | 9113,600 | 95,000 | 1289,000 | 1499,000 | 60,000 | 60,000 | 60,000 | 0. | 0. | 0. |
| BT | 3,000 | 50,000 | 924,300 | 919,000 | 390,000 | 924,000 | 918,400 | 1578,000 | 909,900 | 904,600 |
| GR | 925,700 | 0. | 924,300 | 50,000 | 914,900 | 51,000 | 905,800 | 100,000 | 901,200 | 169,000 |
| GR | 918,900 | 170,000 | 901,200 | 172,000 | 898,000 | 224,000 | 918,900 | 225,000 | 898,000 | 227,000 |
| GR | 896,700 | 250,000 | 897,300 | 279,000 | 918,900 | 280,000 | 897,300 | 281,000 | 897,700 | 300,000 |
| GR | 896,400 | 335,000 | 918,700 | 336,000 | 896,400 | 338,000 | 893,500 | 390,000 | 918,400 | 391,000 |
| GR | 893,500 | 393,000 | 890,300 | 446,000 | 917,800 | 447,000 | 890,000 | 449,000 | 888,800 | 501,000 |
| GR | 917,300 | 502,000 | 888,600 | 504,000 | 888,000 | 557,000 | 916,600 | 558,000 | 888,000 | 560,000 |
| GR | 888,100 | 612,000 | 916,000 | 613,000 | 888,000 | 615,000 | 888,800 | 668,000 | 915,400 | 669,000 |
| GR | 888,800 | 671,000 | 889,600 | 722,000 | 914,600 | 723,000 | 889,600 | 725,000 | 889,100 | 778,000 |
| GR | 914,000 | 779,000 | 889,100 | 781,000 | 888,900 | 833,000 | 913,400 | 834,000 | 888,900 | 836,000 |
| GR | 886,700 | 869,000 | 912,700 | 890,000 | 886,700 | 892,000 | 885,700 | 944,000 | 912,100 | 945,000 |
| GR | 885,700 | 947,000 | 885,600 | 999,000 | 911,500 | 1000,000 | 885,600 | 1002,000 | 886,400 | 1054,000 |
| GR | 910,700 | 1055,000 | 886,400 | 1057,000 | 886,500 | 1110,000 | 910,100 | 1111,000 | 886,500 | 1112,000 |
| GR | 886,300 | 1165,000 | 909,500 | 1166,000 | 886,300 | 1168,000 | 882,500 | 1220,000 | 908,800 | 1220,000 |
| GR | 908,800 | 1224,000 | 882,500 | 1224,000 | 880,900 | 1250,000 | 878,200 | 1289,000 | 869,400 | 1300,000 |
| GR | 866,700 | 1310,000 | 865,400 | 1320,000 | 865,200 | 1330,000 | 865,500 | 1340,000 | 864,600 | 1350,000 |
| GR | 864,900 | 1360,000 | 865,300 | 1372,000 | 912,000 | 1372,000 | 912,000 | 1376,000 | 865,300 | 1376,000 |
| GR | 865,900 | 1390,000 | 864,100 | 1420,000 | 864,500 | 1430,000 | 863,600 | 1450,000 | 865,000 | 1470,000 |
| GR | 876,900 | 1486,000 | 883,500 | 1499,000 | 883,800 | 1515,000 | 889,700 | 1526,000 | 905,100 | 1526,000 |
| GR | 905,100 | 1530,000 | 889,700 | 1530,000 | 909,900 | 1578,000 | 909,900 | 1600,000 | 912,200 | 1800,000 |
| X1 | 9114,000 | 0. | 0. | 0. | 40,000 | 40,000 | 40,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 0. | 0. | 0. | 0. | 1,000 | 0. | 0. | 0. |
| X1 | 9114,800 | 65,000 | 1253,000 | 1450,000 | 80,000 | 80,000 | 80,000 | 0. | 0. | 0. |
| GR | 904,900 | 53,000 | 904,500 | 61,000 | 903,900 | 63,000 | 904,700 | 83,000 | 903,800 | 103,000 |
| GR | 904,200 | 104,000 | 904,500 | 114,000 | 920,000 | 114,000 | 920,000 | 293,000 | 896,200 | 293,000 |
| GR | 895,700 | 300,000 | 895,700 | 315,000 | 893,000 | 350,000 | 891,700 | 363,000 | 891,000 | 375,000 |
| GR | 910,000 | 375,000 | 910,000 | 504,000 | 888,000 | 504,000 | 887,400 | 550,000 | 888,000 | 563,000 |
| GR | 888,600 | 589,000 | 888,100 | 610,000 | 888,700 | 650,000 | 889,300 | 700,000 | 888,800 | 750,000 |
| GR | 888,900 | 785,000 | 889,500 | 800,000 | 888,900 | 822,000 | 887,300 | 836,000 | 887,300 | 836,000 |
| GR | 887,300 | 850,000 | 887,100 | 900,000 | 886,800 | 950,000 | 887,300 | 1000,000 | 885,400 | 1050,000 |
| GR | 882,900 | 1100,000 | 881,500 | 1150,000 | 881,500 | 1200,000 | 879,200 | 1210,000 | 881,500 | 1221,000 |
| GR | 881,200 | 1244,000 | 880,100 | 1248,000 | 879,800 | 1250,000 | 879,400 | 1253,000 | 867,800 | 1266,000 |
| GR | 864,200 | 1276,000 | 864,500 | 1286,000 | 862,200 | 1296,000 | 862,700 | 1306,000 | 863,200 | 1316,000 |
| GR | 863,000 | 1326,000 | 862,800 | 1336,000 | 863,600 | 1346,000 | 863,500 | 1356,000 | 863,800 | 1366,000 |
| GR | 863,800 | 1376,000 | 863,100 | 1386,000 | 861,800 | 1396,000 | 860,600 | 1406,000 | 860,600 | 1416,000 |
| GR | 867,800 | 1426,000 | 875,300 | 1436,000 | 879,600 | 1450,000 | 909,000 | 1500,000 | 911,400 | 1547,000 |
| X1 | 9119,200 | 72,000 | 1165,000 | 1326,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |
| GR | 912,100 | 0. | 911,000 | 21,000 | 911,400 | 22,000 | 911,600 | 31,000 | 930,000 | 31,000 |
| GR | 930,000 | 148,000 | 901,300 | 148,000 | 901,400 | 153,000 | 900,300 | 154,000 | 900,000 | 181,000 |
| GR | 898,800 | 182,000 | 898,000 | 200,000 | 897,000 | 234,000 | 896,500 | 209,000 | 896,000 | 286,000 |
| GR | 894,600 | 289,000 | 895,100 | 294,000 | 895,000 | 300,000 | 893,400 | 350,000 | 892,900 | 373,000 |
| GR | 893,300 | 373,000 | 893,400 | 375,000 | 910,000 | 375,000 | 910,000 | 396,000 | 891,000 | 396,000 |
| GR | 890,300 | 450,000 | 890,600 | 499,000 | 910,000 | 499,000 | 910,000 | 515,000 | 889,500 | 515,000 |
| GR | 889,500 | 519,000 | 889,600 | 548,000 | 889,200 | 556,000 | 889,300 | 596,000 | 910,000 | 596,000 |
| GR | 910,000 | 701,000 | 888,300 | 701,000 | 888,300 | 713,000 | 888,500 | 728,000 | 888,300 | 747,000 |
| GR | 888,300 | 750,000 | 890,500 | 800,000 | 910,000 | 800,000 | 910,000 | 834,000 | 890,900 | 834,000 |
| GR | 884,900 | 861,000 | 883,900 | 900,000 | 883,000 | 950,000 | 882,300 | 1000,000 | 881,600 | 1050,000 |
| GR | 882,500 | 1100,000 | 882,600 | 1150,000 | 880,900 | 1165,000 | 870,200 | 1182,000 | 868,900 | 1186,000 |
| GR | 867,500 | 1196,000 | 867,600 | 1206,000 | 866,600 | 1216,000 | 865,100 | 1226,000 | 864,400 | 1236,000 |
| GR | 864,500 | 1246,000 | 863,100 | 1256,000 | 863,100 | 1266,000 | 863,000 | 1276,000 | 864,400 | 1286,000 |
| GR | 864,500 | 1296,000 | 864,000 | 1306,000 | 863,200 | 1316,000 | 870,200 | 1326,000 | 906,400 | 1393,000 |
| GR | 907,200 | 1400,000 | 907,200 | 1450,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 9120,200 | 71,000 | 1161,000 | 1354,000 | 40,000 | 40,000 | 40,000 | 0. | 0. | 0. |
| BT | 2,000 | 1015,000 | 895,600 | 891,000 | 1417,000 | 907,000 | 902,600 | 0. | 0. | 0. |
| GR | 913,000 | 0. | 910,500 | 50,000 | 908,200 | 100,000 | 902,100 | 150,000 | 898,700 | 200,000 |
| GR | 897,000 | 250,000 | 895,400 | 300,000 | 893,300 | 350,000 | 891,600 | 400,000 | 890,600 | 450,000 |

 HEC2 VERSION UPDATED JAN 1976
 ERROR CORRECTION 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 50 YR D

| | | | | | | | | | | |
|----|--------|-----|------|------|----------|--------|-------|----|---------|----|
| J1 | ICHECK | INQ | NTNV | IDIR | STRY | METRIC | HVINS | 0 | WSEL | FO |
| | 0. | 5. | 0. | 0. | 0.000800 | 0. | 0. | 0. | 885.500 | 0. |

| | | | | | | | | | | |
|----|-------|------|--------|-------|-------|----|-------|-----|-------|--------|
| J2 | NPROF | IPLT | FRVS | XSECV | XSECH | FN | ALLOC | YBW | CHNIM | ITRACE |
| | 2.000 | 0. | -1.000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

 HEC2 VERSION UPDATED JAN 1976
 ERROR CORRECTION 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 ELKIN NORTH CAROLINE
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 100 YR Q.

| J1 | ICHECK | INQ | NTNV | IDIR | STRT | METPIC | HVINS | Q | WSEL | FO |
|----|--------|-------|--------|-------|----------|--------|-------|-----|---------|--------|
| | 0. | 4. | 0. | 0. | 0.000800 | 0. | 0. | 0. | 888.500 | 0. |
| J2 | NPROF | IPLDT | PRFVS | XSECV | XRECH | FN | ALLDC | IBW | CHNIN | ITRACE |
| | 3.000 | 0. | -1.000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

500 YR flood only

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

YADKIN RIVER 500 YR Q

| SECTION NUMBER | CHANNEL LENGTH | MIN EL OF ROADWAY | MAX EL OF LOW CHORD | MIN EL OF GROUND | DISCHARGE (CFS) | CWSL | CRWS | EG | TOPWID | 10K+S | TIME | VOL |
|-------------------------------|--------------------|-------------------|---------------------|-------------------|----------------------|-------------------|---------------|-------------------|--------------------|------------------|-----------------|--------------------|
| 9026.90 | 0. | 0. | 0. | 860.60 | 27000.00 | 880.83 | 0. | 880.83 | 102.32 | 10.05 | 0. | 0. |
| 9026.90 | 0. | 0. | 0. | 860.60 | 49000.00 | 885.41 | 0. | 885.91 | 873.37 | 10.8 | 0. | 0. |
| 9026.90 | 0. | 0. | 0. | 860.60 | 63000.00 | 887.89 | 0. | 888.84 | 916.00 | 10.08 | 0. | 0. |
| 9026.90 | 0. | 0. | 0. | 860.60 | 150000.00 | 895.18 | 0. | 895.91 | 968.77 | 10.03 | 0. | 0. |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 27000.00 | 880.25 | 0. | 881.76 | 409.10 | 35.18 | 0.00 | 6.78 |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 49000.00 | 885.12 | 0. | 887.43 | 532.00 | 42.46 | 0.00 | 11.32 |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 63000.00 | 887.57 | 0. | 888.98 | 508.83 | 44.57 | 0.00 | 17.76 |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 150000.00 | 894.81 | 0. | 896.50 | 619.74 | 46.98 | 0.00 | 21.42 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 27000.00 | 880.67 | 0. | 881.62 | 432.25 | 32.15 | 0.00 | 15.58 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 49000.00 | 885.69 | 0. | 886.87 | 535.44 | 38.30 | 0.01 | 25.77 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 63000.00 | 888.17 | 0. | 889.44 | 542.89 | 40.09 | 0.00 | 31.08 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 150000.00 | 895.41 | 0. | 896.99 | 624.60 | 43.22 | 0.00 | 48.38 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 27000.00 | 881.64 | 0. | 882.02 | 992.50 | 7.81 | 0.00 | 35.95 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 49000.00 | 885.98 | 0. | 887.34 | 1106.20 | 7.08 | 0.02 | 61.19 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 63000.00 | 887.55 | 0. | 889.93 | 1147.17 | 6.93 | 0.01 | 74.45 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 150000.00 | 897.07 | 0. | 897.54 | 1229.59 | 6.67 | 0.01 | 115.99 |
| A 9030+40 | | | | | | | | | | | | |
| 9061.20 | 3110.00 | 0. | 0. | 862.50 | 27000.00 | 884.43 | 0. | 884.85 | 1170.58 | 10.40 | 0.19 | 546.79 |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 49000.00 | 889.38 | 0. | 889.76 | 1434.49 | 8.44 | 0.20 | 1003.59 |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 63000.00 | 891.84 | 0. | 892.21 | 1470.33 | 7.75 | 0.21 | 1248.96 |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 150000.00 | 899.32 | 0. | 899.59 | 1526.62 | 6.35 | 0.20 | 2006.02 |
| B 19062+60 | | | | | | | | | | | | |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 27000.00 | 887.00 | 0. | 887.48 | 1273.66 | 8.58 | 0.35 | 984.70 |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 49000.00 | 891.55 | 0. | 891.90 | 1592.98 | 7.63 | 0.37 | 1845.10 |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 67000.00 | 893.84 | 0. | 894.19 | 1666.50 | 7.11 | 0.38 | 2311.70 |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 150000.00 | 900.88 | 0. | 901.22 | 1712.98 | 5.85 | 0.37 | 3776.70 |
| C 19088+100 | | | | | | | | | | | | |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 27000.00 | 888.01 | 0. | 888.31 | 1481.04 | 6.50 | 0.43 | 1208.73 |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 49000.00 | 892.06 | 0. | 892.77 | 1616.74 | 6.52 | 0.45 | 2267.29 |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 63000.00 | 894.70 | 0. | 895.02 | 1679.64 | 6.40 | 0.46 | 2834.03 |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 150000.00 | 901.59 | 0. | 901.84 | 1737.04 | 5.85 | 0.44 | 4632.28 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 27000.00 | 888.85 | 0. | 889.30 | 663.65 | 7.47 | 0.50 | 1431.86 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 49000.00 | 893.31 | 0. | 893.98 | 1141.46 | 9.36 | 0.51 | 2658.08 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 67000.00 | 895.53 | 0. | 896.29 | 1187.34 | 10.58 | 0.51 | 3322.52 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 150000.00 | 902.35 | 0. | 903.21 | 1390.55 | 10.95 | 0.50 | 5433.64 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 27000.00 | 888.73 | 0. | 889.35 | 844.87 | 9.07 | 0.50 | 1440.81 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 49000.00 | 891.48 | 0. | 894.07 | 1101.83 | 11.91 | 0.51 | 2673.15 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 63000.00 | 895.71 | 0. | 896.39 | 1141.52 | 12.85 | 0.52 | 3341.13 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 150000.00 | 902.60 | 0. | 903.33 | 1372.44 | 13.85 | 0.50 | 5464.63 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 27000.00 | 888.97 | 0. | 889.49 | 856.78 | 9.01 | 0.50 | 1446.35 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 49000.00 | 893.54 | 0. | 894.12 | 1102.76 | 11.81 | 0.52 | 2683.37 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 63000.00 | 895.80 | 0. | 896.44 | 1182.67 | 12.72 | 0.52 | 3353.68 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 150000.00 | 902.66 | 0. | 903.38 | 1373.53 | 13.74 | 0.50 | 5485.29 |

| | | | | | | | | |
|----------|------------|---------|-------|--------|----|----------|----------|----------|
| 9030.100 | 11500.000 | 897.074 | 7.526 | 1.662 | 0. | 1229.549 | -237.093 | 160.000 |
| 9061.200 | 27000.000 | 884.411 | 0. | 2.778 | 0. | 1150.546 | 0. | 3110.000 |
| 9061.200 | 49000.000 | 889.577 | 4.905 | 2.594 | 0. | 1434.486 | -303.840 | 3110.000 |
| 9061.200 | 63000.000 | 891.843 | 2.466 | 2.294 | 0. | 1470.329 | -329.783 | 3110.000 |
| 9061.200 | 115000.000 | 899.216 | 7.373 | 2.142 | 0. | 1526.617 | -396.071 | 3110.000 |
| 9087.800 | 27000.000 | 886.995 | 0. | 2.561 | 0. | 1273.657 | 0. | 2660.000 |
| 9087.800 | 49000.000 | 891.545 | 4.550 | 2.148 | 0. | 1592.984 | -318.527 | 2660.000 |
| 9087.800 | 63000.000 | 893.844 | 2.299 | 2.001 | 0. | 1663.500 | -389.843 | 2660.000 |
| 9087.800 | 115000.000 | 900.878 | 7.035 | 1.663 | 0. | 1732.982 | -459.325 | 2660.000 |
| 9100.000 | 27000.000 | 888.012 | 0. | 1.011 | 0. | 1481.438 | 0. | 1220.000 |
| 9100.000 | 49000.000 | 892.457 | 4.445 | 0.912 | 0. | 1616.139 | -135.102 | 1220.000 |
| 9100.000 | 63000.000 | 894.696 | 2.239 | 0.852 | 0. | 1679.636 | -198.198 | 1220.000 |
| 9100.000 | 115000.000 | 901.589 | 6.893 | 0.710 | 0. | 1737.043 | -255.605 | 1220.000 |
| 9113.000 | 27000.000 | 888.846 | 0. | 0.631 | 0. | 663.653 | 0. | 1300.000 |
| 9113.000 | 49000.000 | 892.309 | 4.463 | 0.652 | 0. | 1101.462 | -477.809 | 1300.000 |
| 9113.000 | 63000.000 | 895.535 | 2.225 | 0.839 | 0. | 1197.343 | -533.690 | 1300.000 |
| 9113.000 | 115000.000 | 902.346 | 6.811 | 0.757 | 0. | 1390.552 | -726.899 | 1300.000 |
| 9113.600 | 27000.000 | 888.928 | 0. | 0.082 | 0. | 844.534 | 0. | 60.000 |
| 9113.600 | 49000.000 | 893.484 | 4.557 | 0.175 | 0. | 1101.829 | -257.255 | 60.000 |
| 9113.600 | 63000.000 | 895.743 | 2.259 | 0.208 | 0. | 1151.521 | -326.947 | 60.000 |
| 9113.600 | 115000.000 | 902.597 | 6.854 | 0.251 | 0. | 1372.436 | -527.862 | 60.000 |
| 9114.000 | 27000.000 | 888.947 | 0. | 0.039 | 0. | 856.778 | 0. | 40.000 |
| 9114.000 | 49000.000 | 893.538 | 4.571 | 0.454 | 0. | 1102.744 | -245.987 | 40.000 |
| 9114.000 | 63000.000 | 895.802 | 2.264 | 0.059 | 0. | 1152.672 | -45.895 | 40.000 |
| 9114.000 | 115000.000 | 902.659 | 6.857 | 0.062 | 0. | 1373.526 | -516.748 | 40.000 |
| 9114.800 | 27000.000 | 889.014 | 0. | 0.087 | 0. | 691.944 | 0. | 80.000 |
| 9114.800 | 49000.000 | 893.805 | 4.541 | 0.067 | 0. | 1002.794 | -110.826 | 80.000 |
| 9114.800 | 63000.000 | 895.853 | 2.288 | 0.052 | 0. | 1050.788 | -158.819 | 80.000 |
| 9114.800 | 115000.000 | 902.638 | 6.785 | -0.021 | 0. | 1067.180 | -175.211 | 80.000 |
| 9119.800 | 27000.000 | 889.355 | 0. | 0.291 | 0. | 636.594 | 0. | 500.000 |
| 9119.800 | 49000.000 | 893.198 | 4.542 | 0.385 | 0. | 862.721 | -221.132 | 500.000 |
| 9119.800 | 63000.000 | 896.286 | 2.289 | 0.443 | 0. | 933.474 | -296.844 | 500.000 |
| 9119.800 | 115000.000 | 903.144 | 6.858 | 0.507 | 0. | 1062.974 | -426.345 | 500.000 |
| 9120.200 | 27000.000 | 889.388 | 0. | 0.027 | 0. | 568.763 | 0. | 40.000 |
| 9120.200 | 49000.000 | 894.046 | 4.544 | 0.049 | 0. | 990.966 | -422.202 | 40.000 |
| 9120.200 | 63000.000 | 896.373 | 2.326 | 0.047 | 0. | 1122.800 | -534.037 | 40.000 |
| 9120.200 | 115000.000 | 904.028 | 7.655 | 0.684 | 0. | 1290.789 | -722.026 | 40.000 |
| 9120.600 | 27000.000 | 889.445 | 0. | 0.082 | 0. | 580.444 | 0. | 40.000 |
| 9120.600 | 49000.000 | 894.173 | 4.108 | 0.127 | 0. | 994.868 | -419.584 | 40.000 |
| 9120.600 | 63000.000 | 896.547 | 2.393 | 0.194 | 0. | 1129.225 | -308.741 | 40.000 |
| 9120.600 | 115000.000 | 904.242 | 7.676 | 0.214 | 0. | 1293.454 | -712.970 | 40.000 |
| 9120.800 | 27000.000 | 889.151 | 0. | 0.298 | 0. | 805.251 | 0. | 20.000 |
| 9120.800 | 49000.000 | 894.221 | 4.857 | 0.448 | 0. | 972.992 | -167.201 | 20.000 |
| 9120.800 | 63000.000 | 896.989 | 2.348 | 0.422 | 0. | 1057.772 | -252.521 | 20.000 |
| 9120.800 | 115000.000 | 904.201 | 7.212 | -0.041 | 0. | 1145.930 | -340.679 | 20.000 |
| 9130.400 | 27000.000 | 890.392 | 0. | 0.628 | 0. | 599.324 | 0. | 960.000 |
| 9130.400 | 49000.000 | 895.595 | 5.095 | 0.175 | 0. | 1104.549 | -569.220 | 960.000 |
| 9130.400 | 63000.000 | 897.840 | 2.445 | 0.852 | 0. | 1180.982 | -581.653 | 960.000 |
| 9130.400 | 115000.000 | 905.208 | 7.349 | 1.008 | 0. | 1313.518 | -714.189 | 960.000 |
| 9150.900 | 27000.000 | 891.651 | 0. | 1.265 | 0. | 1156.244 | 0. | 2050.000 |
| 9150.900 | 49000.000 | 896.407 | 5.250 | 1.512 | 0. | 1240.702 | -84.438 | 2050.000 |
| 9150.900 | 63000.000 | 899.426 | 2.519 | 1.586 | 0. | 1259.369 | -403.105 | 2050.000 |
| 9150.900 | 115000.000 | 906.852 | 7.426 | 1.642 | 0. | 1287.727 | -131.493 | 2050.000 |

| | | | | | | | | |
|---------------------|----------------------|--------------------|------------------|------------------|---------------|--------------------|---------------------|---------------------|
| 9187.500 | 27000.000 | 893.677 | 0. | 2.016 | 0. | 575.624 | 0. | 3660.000 |
| 9187.500 | 49000.000 | 899.070 | 5.197 | 2.162 | 0. | 712.364 | -136.738 | 3660.000 |
| 9187.500 | 63000.000 | 901.665 | 2.595 | 2.238 | 0. | 715.967 | -200.341 | 3660.000 |
| 9187.500 | 115000.000 | 909.220 | 7.556 | 2.368 | 0. | 842.371 | -266.745 | 3660.000 |

DATA FOR LAST CROSS SECTION

| PROFILE | TYPE ENC. | TARGET | TOP WIDTH AREA-ACRES | TOP WIDTH AREA-DIFF |
|---------|-----------|--------|-------------------------|------------------------|
| 1 | 0. | 0. | 367.305 | 0. |
| 2 | 0. | 0. | 452.131 | 84.827 |
| 3 | 0. | 0. | 470.432 | 103.127 |
| 4 | 0. | 0. | 497.361 | 130.056 |

10-50-+100 yr Floods

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

YADKIN RIVER X YR 0

| SECTION NUMBER | CHANNEL LENGTH | MIN EL OF ROADWAY | MAX EL OF LOW CHORD | MIN EL OF GROUND | DISCHARGE (CFS) | CWSL | CRWS | FG | TOPWID | 10K*6 | TIME | VOL |
|--------------------|--------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------|-------------------|--------------------|------------------|-----------------|--------------------|
| 9026.90 | 0. | 0. | 0. | 860.60 | 27000.00 | 884.00 | 0. | 884.17 | 850.10 | 8.03 | 0. | 0. |
| 9026.90 | 0. | 0. | 0. | 860.60 | 49000.00 | 889.69 | 0. | 889.92 | 945.38 | 8.02 | 0. | 0. |
| 9026.90 | 0. | 0. | 0. | 860.60 | 63000.00 | 892.60 | 0. | 892.86 | 959.24 | 8.01 | 0. | 0. |
| 9026.90 | 0. | 0. | 0. | 860.60 | 15000.00 | 881.27 | 0. | 881.62 | 1019.22 | 8.03 | 0. | 0. |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 27000.00 | 883.94 | 0. | 884.40 | 520.91 | 32.60 | 0.00 | 10.06 |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 49000.00 | 889.61 | 0. | 890.17 | 545.15 | 35.18 | 0.00 | 15.70 |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 63000.00 | 892.51 | 0. | 893.13 | 582.21 | 35.77 | 0.00 | 18.76 |
| 9027.50 | 60.00 | 911.50 | 924.00 | 860.70 | 15000.00 | 881.10 | 0. | 881.81 | 550.07 | 34.38 | 0.00 | 28.31 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 27000.00 | 884.30 | 0. | 884.73 | 524.26 | 30.21 | 0.01 | 22.74 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 49000.00 | 889.99 | 0. | 890.52 | 548.49 | 32.91 | 0.01 | 35.49 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 63000.00 | 892.89 | 0. | 893.48 | 586.36 | 33.66 | 0.01 | 42.39 |
| 9028.50 | 100.00 | 911.50 | 924.00 | 860.70 | 15000.00 | 881.47 | 0. | 882.22 | 557.04 | 34.42 | 0.01 | 60.20 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 27000.00 | 884.86 | 0. | 885.00 | 1094.90 | 6.41 | 0.02 | 52.71 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 49000.00 | 890.65 | 0. | 890.82 | 1160.66 | 5.95 | 0.02 | 83.09 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 63000.00 | 893.62 | 0. | 893.79 | 1191.84 | 5.81 | 0.02 | 99.46 |
| 9030.10 | 160.00 | 0. | 0. | 861.00 | 15000.00 | 887.27 | 0. | 887.87 | 1210.48 | 6.53 | 0.02 | 131.31 |
| A 19030+40 | | | | | | | | | | | | |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 27000.00 | 887.15 | 0. | 887.32 | 1268.44 | 8.60 | 0.30 | 801.94 |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 49000.00 | 892.63 | 0. | 892.79 | 1477.04 | 6.77 | 0.31 | 1342.82 |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 63000.00 | 895.50 | 0. | 895.66 | 1515.09 | 6.13 | 0.30 | 1636.98 |
| 9061.20 | 3110.00 | 0. | 0. | 862.90 | 15000.00 | 884.15 | 0. | 884.73 | 1640.70 | 5.06 | 0.27 | 2550.34 |
| B 19062+60 | | | | | | | | | | | | |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 27000.00 | 889.36 | 0. | 889.53 | 1545.24 | 8.07 | 0.54 | 1444.94 |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 49000.00 | 894.02 | 0. | 894.57 | 1676.79 | 6.62 | 0.56 | 2472.58 |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 63000.00 | 897.12 | 0. | 897.27 | 1704.66 | 6.00 | 0.55 | 3037.41 |
| 9087.80 | 2660.00 | 0. | 0. | 862.50 | 15000.00 | 885.02 | 0. | 885.84 | 1814.02 | 4.27 | 0.51 | 4800.74 |
| C 19088+00 | | | | | | | | | | | | |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 27000.00 | 890.28 | 0. | 890.42 | 1563.92 | 6.43 | 0.66 | 1766.70 |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 49000.00 | 895.20 | 0. | 895.34 | 1684.86 | 5.97 | 0.68 | 3020.31 |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 63000.00 | 897.84 | 0. | 897.98 | 1712.10 | 5.66 | 0.67 | 3711.76 |
| 9100.00 | 1220.00 | 0. | 0. | 862.50 | 15000.00 | 884.07 | 0. | 884.83 | 1823.18 | 4.24 | 0.61 | 5082.43 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 27000.00 | 891.19 | 0. | 891.45 | 1094.93 | 8.82 | 0.75 | 2074.37 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 49000.00 | 896.10 | 0. | 896.42 | 1285.63 | 10.00 | 0.76 | 3532.04 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 63000.00 | 898.70 | 0. | 899.03 | 1354.56 | 9.94 | 0.75 | 4341.79 |
| 9113.00 | 1300.00 | 0. | 0. | 862.30 | 15000.00 | 887.15 | 0. | 887.87 | 1487.03 | 6.75 | 0.69 | 6900.30 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 27000.00 | 891.28 | 0. | 891.52 | 1056.64 | 10.64 | 0.76 | 2086.17 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 49000.00 | 896.22 | 0. | 896.60 | 1162.05 | 12.18 | 0.77 | 3551.51 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 63000.00 | 898.82 | 0. | 899.11 | 1295.81 | 12.32 | 0.76 | 4365.87 |
| 9113.60 | 60.00 | 909.90 | 919.00 | 863.60 | 15000.00 | 884.84 | 0. | 885.25 | 1451.04 | 13.92 | 0.70 | 6070.92 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 27000.00 | 891.33 | 0. | 891.56 | 1047.43 | 10.55 | 0.76 | 2094.20 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 49000.00 | 896.27 | 0. | 896.55 | 1163.03 | 12.08 | 0.77 | 3564.57 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 63000.00 | 898.87 | 0. | 899.16 | 1296.73 | 12.22 | 0.76 | 4381.89 |
| 9114.00 | 40.00 | 909.90 | 919.00 | 863.60 | 15000.00 | 887.04 | 0. | 887.31 | 1481.57 | 14.01 | 0.70 | 6264.10 |

| SECTION NUMBER | CHANNEL LENGTH | MIN EL OF ROADWAY | MAX EL OF LOW CHORD | MIN EL OF GROUND | DISCHARGE (CFS) | CWSL | CRWS | EG | TOPPID | 10K*8 | TIME | VOL |
|--------------------|--------------------|-------------------|---------------------|-------------------|----------------------|-------------------|---------------|-------------------|--------------------|------------------|-----------------|---------------------|
| 9114.80 | 80.00 | 0. | 0. | 860.60 | 27000.00 | 891.46 | 0. | 891.63 | 973.04 | 7.19 | 0.77 | 2110.55 |
| 9114.80 | 80.00 | 0. | 0. | 860.60 | 49000.00 | 896.34 | 0. | 896.65 | 1056.47 | 9.00 | 0.77 | 3590.53 |
| 9114.80 | 80.00 | 0. | 0. | 860.60 | 63000.00 | 898.93 | 0. | 899.28 | 1060.87 | 9.51 | 0.76 | 4413.33 |
| 9114.80 | 80.00 | 0. | 0. | 860.60 | 115000.00 | 907.04 | 0. | 907.49 | 1175.67 | 10.00 | 0.77 | 7415.84 |
| 9119.80 | 500.00 | 0. | 0. | 863.00 | 27000.00 | 891.79 | 0. | 892.07 | 814.95 | 9.54 | 0.80 | 2208.40 |
| 9119.80 | 500.00 | 0. | 0. | 863.00 | 49000.00 | 896.81 | 0. | 897.21 | 959.60 | 11.89 | 0.80 | 3742.12 |
| 9119.80 | 500.00 | 0. | 0. | 863.00 | 63000.00 | 899.43 | 0. | 899.87 | 1022.62 | 12.54 | 0.79 | 4595.69 |
| 9119.80 | 500.00 | 0. | 0. | 863.00 | 115000.00 | 907.56 | 0. | 907.99 | 1125.00 | 12.90 | 0.79 | 7298.43 |
| 9120.20 | 40.00 | 895.60 | 902.60 | 862.50 | 27000.00 | 891.83 | 0. | 892.74 | 847.54 | 22.60 | 0.80 | 2215.22 |
| 9120.20 | 40.00 | 895.60 | 902.60 | 862.50 | 49000.00 | 896.90 | 0. | 897.28 | 1139.97 | 33.79 | 0.81 | 3753.05 |
| 9120.20 | 40.00 | 895.60 | 902.60 | 862.50 | 63000.00 | 899.63 | 0. | 899.98 | 1216.30 | 38.89 | 0.79 | 4609.11 |
| 9120.20 | 40.00 | 895.60 | 902.60 | 862.50 | 115000.00 | 907.87 | 0. | 908.23 | 1377.87 | 53.45 | 0.73 | 7370.74 |
| 9120.60 | 40.00 | 895.60 | 902.60 | 862.50 | 27000.00 | 891.93 | 0. | 892.23 | 854.68 | 22.11 | 0.81 | 2221.56 |
| 9120.60 | 40.00 | 895.60 | 902.60 | 862.50 | 49000.00 | 897.05 | 0. | 897.42 | 1145.12 | 32.59 | 0.81 | 3763.61 |
| 9120.60 | 40.00 | 895.60 | 902.60 | 862.50 | 63000.00 | 899.80 | 0. | 900.13 | 1219.03 | 38.23 | 0.80 | 4622.25 |
| 9120.60 | 40.00 | 895.60 | 902.60 | 862.50 | 115000.00 | 907.87 | 0. | 908.23 | 1377.87 | 53.45 | 0.73 | 7370.74 |
| 9120.80 | 20.00 | 0. | 0. | 862.50 | 27000.00 | 892.11 | 0. | 892.29 | 967.57 | 7.33 | 0.81 | 2225.34 |
| 9120.80 | 20.00 | 0. | 0. | 862.50 | 49000.00 | 897.24 | 0. | 897.49 | 1058.46 | 8.61 | 0.81 | 3769.60 |
| 9120.80 | 20.00 | 0. | 0. | 862.50 | 63000.00 | 899.90 | 0. | 900.18 | 1088.55 | 8.96 | 0.80 | 4629.55 |
| 9120.80 | 20.00 | 0. | 0. | 862.50 | 115000.00 | 908.03 | 0. | 908.41 | 1187.00 | 8.25 | 0.84 | 7354.11 |
| 9130.40 | 960.00 | 0. | 0. | 866.60 | 27000.00 | 892.83 | 0. | 893.04 | 985.50 | 7.86 | 0.88 | 2426.78 |
| 9130.40 | 960.00 | 0. | 0. | 866.60 | 49000.00 | 898.06 | 0. | 898.32 | 1189.53 | 8.69 | 0.88 | 4090.68 |
| 9130.40 | 960.00 | 0. | 0. | 866.60 | 63000.00 | 900.75 | 0. | 901.03 | 1297.28 | 8.69 | 0.86 | 5019.67 |
| 9130.40 | 960.00 | 0. | 0. | 866.60 | 115000.00 | 908.87 | 0. | 909.26 | 1330.70 | 8.18 | 0.86 | 7264.78 |
| 9150.90 | 2050.00 | 0. | 0. | 867.20 | 27000.00 | 894.18 | 0. | 894.50 | 1190.93 | 4.77 | 1.10 | 2914.12 |
| 9150.90 | 2050.00 | 0. | 0. | 867.20 | 49000.00 | 899.53 | 0. | 899.67 | 1259.75 | 4.91 | 1.07 | 4869.46 |
| 9150.90 | 2050.00 | 0. | 0. | 867.20 | 63000.00 | 902.23 | 0. | 902.39 | 1269.72 | 4.99 | 1.05 | 5959.38 |
| 9150.90 | 2050.00 | 0. | 0. | 867.20 | 115000.00 | 910.33 | 0. | 910.60 | 1310.20 | 5.12 | 0.95 | 8404.01 |
| 9187.50 | 3660.00 | 0. | 0. | 868.60 | 27000.00 | 896.24 | 0. | 896.44 | 617.69 | 7.04 | 1.40 | 3771.94 |
| 9187.50 | 3660.00 | 0. | 0. | 868.60 | 49000.00 | 901.80 | 0. | 902.10 | 777.19 | 8.73 | 1.31 | 6170.63 |
| 9187.50 | 3660.00 | 0. | 0. | 868.60 | 63000.00 | 904.58 | 0. | 904.93 | 802.15 | 9.38 | 1.27 | 7496.06 |
| 9187.50 | 3660.00 | 0. | 0. | 868.60 | 115000.00 | 912.87 | 0. | 913.15 | 866.34 | 10.57 | 1.13 | 11774.78 |

| SECTION NUMBER | DISCHARGE CFS | CWSL | CWSL DIFF EACH R | CWSL DIFF EACH SECTION | CWSL-WSELK | TOPPID | T.M. DIFF | LENGTH |
|---------------------|-----------------------|--------------------|------------------|------------------------|---------------|---------------------|---------------------|--------------------|
| 9026.900 | 27000.000 | 883.908 | 0. | 0. | 0. | 850.097 | 0. | 0. |
| 9026.900 | 49000.000 | 889.690 | 5.682 | 0. | 0. | 945.383 | -95.285 | 0. |
| 9026.900 | 63000.000 | 892.602 | 2.911 | 0. | 0. | 959.204 | -109.147 | 0. |
| 9026.900 | 115000.000 | 901.261 | 8.660 | 0. | 0. | 1019.224 | -118.127 | 0. |
| 9027.500 | 27000.000 | 883.940 | 0. | -0.058 | 0. | 520.907 | 0. | 60.000 |
| 9027.500 | 49000.000 | 889.612 | 5.672 | -0.078 | 0. | 565.148 | -44.240 | 60.000 |
| 9027.500 | 63000.000 | 892.508 | 2.896 | -0.093 | 0. | 582.206 | -61.299 | 60.000 |
| 9027.500 | 115000.000 | 901.163 | 8.597 | -0.187 | 0. | 650.073 | -129.165 | 60.000 |
| 9028.500 | 27000.000 | 884.206 | 0. | 0.355 | 0. | 524.255 | 0. | 100.000 |
| 9028.500 | 49000.000 | 889.992 | 5.696 | 0.380 | 0. | 568.489 | -44.234 | 100.000 |
| 9028.500 | 63000.000 | 892.893 | 2.901 | 0.385 | 0. | 586.355 | -62.100 | 100.000 |
| 9028.500 | 115000.000 | 901.893 | 8.602 | 0.390 | 0. | 653.036 | -128.782 | 100.000 |
| 9030.100 | 27000.000 | 884.863 | 0. | 0.567 | 0. | 1094.897 | 0. | 160.000 |
| 9030.100 | 49000.000 | 890.655 | 5.792 | 0.662 | 0. | 1160.658 | -65.761 | 160.000 |
| 9030.100 | 63000.000 | 893.615 | 2.960 | 0.722 | 0. | 1191.837 | -96.940 | 160.000 |

~~9061.200 27000.000 887.145 0. 2,282 0. 1268.444 0. 3110.000~~

9061.200 27000.000 887.145 0. 2,282 0. 1268.444 0. 3110.000

9061.200 49000.000 892.633 5.488 1,979 0. 1477.042 -208.598 3110.000

9061.200 63000.000 895.497 2.863 1,881 0. 1515.089 -206.645 3110.000

~~9061.200 115000.000 894.147 8.844 1,708 0. 1528.885 -272.261 3110.000~~

9087.800 27000.000 884.362 0. 2,217 0. 1545.241 0. 2660.000

9087.800 49000.000 894.420 5.058 1,787 0. 1676.787 -131.546 2660.000

9087.800 63000.000 897.119 2.699 1,623 0. 1704.665 -159.423 2660.000

~~9087.800 115000.000 895.478 8.559 1,541 0. 1814.822 -209.561 2660.000~~

9100.000 27000.000 890.279 0. 0,916 0. 1563.924 0. 1220.000

9100.000 49000.000 895.202 4.923 0,782 0. 1684.865 -120.941 1220.000

9100.000 63000.000 897.839 2.637 0,720 0. 1712.097 -148.173 1220.000

~~9100.000 115000.000 896.058 8.277 0,542 0. 1823.187 -259.254 1220.000~~

9113.000 27000.000 891.189 0. 0,910 0. 1094.925 0. 1300.000

9113.000 49000.000 896.100 4.910 0,897 0. 1285.631 -190.705 1300.000

9113.000 63000.000 898.700 2.601 0,862 0. 1354.556 -259.631 1300.000

~~9113.000 115000.000 908.847 8.108 0,741 0. 1487.026 -392.121 1300.000~~

9113.800 27000.000 891.282 0. 0,093 0. 1056.635 0. 60.000

9113.800 49000.000 896.221 4.939 0,122 0. 1162.049 -105.414 60.000

9113.800 63000.000 898.822 2.601 0,122 0. 1245.806 -239.171 60.000

~~9113.800 115000.000 906.871 8.153 0,140 0. 1451.043 -394.407 60.000~~

9114.000 27000.000 891.327 0. 0,045 0. 1057.434 0. 40.000

9114.000 49000.000 896.273 4.946 0,051 0. 1163.026 -105.591 40.000

9114.000 63000.000 898.874 2.601 0,052 0. 1296.728 -239.294 40.000

~~9114.000 115000.000 907.038 8.182 0,051 0. 1451.522 -394.118 40.000~~

9114.800 27000.000 891.402 0. 0,075 0. 973.039 0. 80.000

9114.800 49000.000 896.338 4.936 0,065 0. 1056.466 -83.426 80.000

9114.800 63000.000 898.930 2.592 0,056 0. 1060.875 -87.835 80.000

~~9114.800 115000.000 907.048 8.113 0,007 0. 1135.673 -162.673 80.000~~

9119.800 27000.000 891.787 0. 0,385 0. 814.953 0. 500.000

9119.800 49000.000 896.812 5.025 0,474 0. 959.601 -144.648 500.000

9119.800 63000.000 899.428 2.617 0,498 0. 1022.620 -207.667 500.000

~~9119.800 115000.000 907.550 8.132 0,517 0. 1136.019 -311.707 500.000~~

9120.200 27000.000 891.828 0. 0,041 0. 847.539 0. 40.000

9120.200 49000.000 896.900 5.072 0,086 0. 1139.968 -292.430 40.000

9120.200 63000.000 899.632 2.732 0,204 0. 1216.297 -368.758 40.000

~~9120.200 115000.000 907.329 8.257 0,300 0. 1371.847 -574.588 40.000~~

9120.600 27000.000 891.926 0. 0,098 0. 854.678 0. 40.000

9120.600 49000.000 897.046 5.120 0,146 0. 1145.119 -290.441 40.000

9120.600 63000.000 899.796 2.750 0,160 0. 1219.030 -364.352 40.000

~~9120.600 115000.000 908.607 8.212 0,178 0. 1374.419 -623.121 40.000~~

9120.800 27000.000 892.115 0. 0,189 0. 967.573 0. 20.000

9120.800 49000.000 897.236 5.121 0,190 0. 1058.456 -90.883 20.000

9120.800 63000.000 899.897 2.661 0,102 0. 1088.551 -120.979 20.000

~~9120.800 115000.000 908.030 8.177 0,021 0. 1187.003 -219.450 20.000~~

9130.400 27000.000 892.850 0. 0,715 0. 985.504 0. 960.000

9130.400 49000.000 898.050 5.230 0,824 0. 1189.533 -204.029 960.000

9130.400 63000.000 900.745 2.685 0,848 0. 1297.284 -311.780 960.000

~~9130.400 115000.000 908.922 8.315 0,822 0. 1330.608 -542.788 960.000~~

9150.900 27000.000 894.180 0. 1,350 0. 1190.931 0. 2050.000

9150.900 49000.000 899.530 5.350 1,470 0. 1259.753 -68.822 2050.000

9150.900 63000.000 902.229 2.699 1,484 0. 1269.722 -78.791 2050.000

~~9150.900 115000.000 910.370 8.146 1,450 0. 1314.201 -123.870 2050.000~~

| | | | | | | | | |
|---------------------|-----------------------|--------------------|------------------|------------------|---------------|--------------------|---------------------|---------------------|
| 9187.500 | 27000.000 | 896.241 | 0. | 2.061 | 0. | 617.694 | 0. | 3660.000 |
| 9187.500 | 49000.000 | 901.800 | 5.559 | 2.270 | 0. | 777.189 | -159.494 | 3660.000 |
| 9187.500 | 63000.000 | 904.576 | 2.776 | 2.347 | 0. | 802.154 | -184.460 | 3660.000 |
| 9187.500 | 415000.000 | 912.656 | 8.210 | 2.460 | 0. | 802.154 | -184.460 | 3660.000 |

DATA FOR LAST CROSS SECTION
PROFILE TYPE ENC

| PROFILE | TYPE | ENC | TARGET | TOP WIDTH DREAWACHES | TOP WIDTH AREA-DIFF |
|--------------|---------------|---------------|---------------|-------------------------|------------------------|
| 1 | 0. | 0. | 0. | 423.867 | 0. |
| 2 | 0. | 0. | 0. | 474.233 | 50.366 |
| 3 | 0. | 0. | 0. | 487.765 | 63.898 |
| 4 | 0. | 0. | 0. | 512.770 | 22.770 |

YADKIN RIVER

FLOODWAY

100YR STRT NSEL

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER 100 YR NATURAL

J1 ICHECK INQ NINV IDTR STRY METRIC HVINS A WSEL FG
 -0 4 -0 -0 -0 -0 -0 -0 -0 892,600 -0

J2 NPROF TPLCT PRFVS YSECV YSECH FN ALLDC IBA CHNTH ITRACE
 1,000 -0 -1,000 5,000 100,000 -0 -0 -0 -0 -0

J3 -3,000 31,000 40,000 41,000 42,000 43,000 1,000 2,000 3,000 4,000
 J3 53,000 54,000 38,000 38,000 1,000 7,000 8,000 26,000 13,000 55,000
 J3 14,000 26,000 15,000 56,000 25,000 38,000 -0 -0 -0 -0
 NC .090 .090 .080 .300 .500 -0 -0 -0 -0 -0
 QT 5,000 27000,000 49000,000 63000,000 63000,000 115000,000 -0 -0 -0 -0
 ET -0 -0 -0 -0 -0 10,400 -0 -0 -0 -0

X1 9026,900 60,000 506,000 771,000 -0 -0 -0 -0 -0 -0
 GR 929,200 0 918,200 50,000 894,300 96,000 899,200 100,000 899,600 113,000
 GR 899,200 125,000 887,500 143,000 889,700 150,000 889,700 153,000 888,300 163,000
 GR 888,500 167,000 887,300 173,000 886,300 193,000 885,800 200,000 882,300 250,000
 GR 881,600 300,000 878,600 350,000 878,800 362,000 880,900 370,000 878,300 400,000
 GR 877,000 450,000 877,000 500,000 877,500 506,000 865,900 525,000 863,000 535,000
 GR 862,800 545,000 863,100 555,000 863,200 565,000 863,600 575,000 863,600 585,000
 GR 863,500 595,000 863,400 605,000 863,100 615,000 862,500 625,000 862,100 635,000
 GR 862,000 645,000 862,000 655,000 862,300 665,000 862,800 675,000 862,600 685,000
 GR 862,600 695,000 862,300 705,000 862,000 715,000 861,500 725,000 860,600 735,000
 GR 861,300 745,000 866,000 751,000 874,800 757,000 876,000 763,000 879,800 771,000
 GR 879,900 600,000 876,700 850,000 873,500 900,000 872,900 950,000 872,700 1000,000
 GR 873,200 1050,000 873,200 1060,000 879,900 1067,000 895,200 1100,000 915,500 1135,000

X1 9027,500 89,000 626,000 812,000 60,000 60,000 60,000 -0 -0 -0
 BT 13,000 210,000 928,000 924,000 258,000 926,700 922,800 330,000 925,000 921,000
 BT 374,000 923,800 919,900 421,000 922,500 918,800 492,000 920,900 917,000 562,000
 BT 919,000 915,300 632,000 917,400 913,500 703,000 915,600 911,700 773,000 914,100
 BT 910,100 843,000 912,900 908,900 914,000 912,000 908,000 979,000 911,500 907,800
 GR 933,000 0 930,700 100,000 927,000 210,000 923,200 211,000 907,000 257,000
 GR 922,800 258,000 922,800 260,000 906,700 261,000 899,800 293,000 892,500 303,000
 GR 893,500 309,000 894,500 318,000 894,900 326,000 921,000 327,000 921,000 329,000
 GR 894,900 330,000 894,300 337,000 888,400 345,000 890,100 346,000 890,200 350,000
 GR 885,400 373,000 920,000 374,000 920,000 376,000 885,300 377,000 882,200 400,000
 GR 881,500 420,000 918,700 421,000 918,700 423,000 881,300 424,000 880,100 460,000
 GR 878,700 491,000 917,000 492,000 917,000 494,000 878,600 495,000 878,000 510,000
 GR 876,900 561,000 915,200 562,000 915,200 564,000 876,900 565,000 879,000 610,000
 GR 875,800 626,000 875,700 631,000 913,500 632,000 913,500 634,000 875,700 635,000
 GR 866,100 644,000 861,600 654,000 861,300 664,000 861,800 674,000 861,800 684,000
 GR 861,400 644,000 861,300 702,000 911,700 703,000 911,700 705,000 861,300 706,000
 GR 861,900 714,000 861,700 724,000 861,500 734,000 861,100 744,000 861,300 754,000
 GR 860,900 764,000 860,900 772,000 910,100 773,000 910,100 775,000 860,900 776,000
 GR 860,700 784,000 861,000 794,000 860,900 804,000 866,100 812,000 875,900 823,000
 GR 877,800 842,000 908,900 843,000 908,900 845,000 877,800 846,000 879,100 860,000
 GR 861,300 910,000 861,700 913,000 908,000 914,000 908,000 915,000 881,700 916,000
 GR 883,700 935,000 899,600 960,000 907,100 978,000 911,500 879,000 911,500 1000,000
 GR 911,400 1050,000 911,500 1100,000 911,800 1150,000 912,300 1200,000 -0 -0

X1 9028,500 -0 -0 -0 100,000 100,000 100,000 -0 -0 -0
 X2 -0 -0 -0 -0 -0 -0 1,000 -0 -0 -0

| | | | | | | | | | | | |
|---|----|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| A | X1 | 9030,100 | 67,000 | 405,000 | 610,000 | 160,000 | 160,000 | 160,000 | -0 | -0 | -0 |
| | GR | 932,300 | 0 | 919,900 | 50,000 | 905,000 | 100,000 | 897,700 | 126,000 | 891,600 | 134,000 |
| | GR | 891,600 | 140,000 | 893,900 | 150,000 | 894,200 | 160,000 | 893,600 | 170,000 | 888,900 | 177,000 |
| | GR | 890,000 | 189,000 | 888,600 | 200,000 | 889,000 | 213,000 | 883,200 | 226,000 | 881,000 | 250,000 |
| | GR | 878,300 | 300,000 | 873,300 | 350,000 | 873,300 | 400,000 | 872,600 | 405,000 | 866,100 | 415,000 |
| | GR | 861,000 | 425,000 | 861,500 | 435,000 | 862,000 | 445,000 | 862,500 | 455,000 | 862,500 | 465,000 |
| | GR | 862,400 | 475,000 | 862,200 | 485,000 | 861,800 | 495,000 | 862,000 | 505,000 | 861,700 | 515,000 |
| | GR | 861,600 | 525,000 | 861,700 | 535,000 | 861,900 | 545,000 | 861,100 | 555,000 | 861,400 | 565,000 |
| | GR | 862,100 | 575,000 | 861,500 | 585,000 | 861,700 | 595,000 | 866,100 | 604,000 | 875,300 | 610,000 |
| | GR | 881,500 | 650,000 | 882,300 | 700,000 | 881,400 | 750,000 | 881,000 | 800,000 | 881,200 | 850,000 |
| | GR | 881,000 | 900,000 | 881,200 | 950,000 | 876,800 | 1000,000 | 874,700 | 1050,000 | 874,300 | 1100,000 |
| | GR | 875,500 | 1129,000 | 870,100 | 1150,000 | 867,600 | 1168,000 | 867,100 | 1171,000 | 867,600 | 1173,000 |
| | GR | 867,700 | 1177,000 | 875,500 | 1187,000 | 875,300 | 1199,000 | 872,900 | 1200,000 | 871,000 | 1204,000 |
| | GR | 875,100 | 1211,000 | 876,200 | 1250,000 | 877,700 | 1283,000 | 879,300 | 1300,000 | 895,500 | 1350,000 |
| | GR | 907,800 | 1400,000 | 913,100 | 1421,000 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|---|----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| B | X1 | 9061,200 | 65,000 | 1013,000 | 1208,000 | 3110,000 | 3110,000 | 3110,000 | -0 | -0 | -0 |
| | GR | 896,700 | 0 | 892,700 | 3,000 | 893,200 | 8,000 | 893,900 | 18,000 | 893,300 | 27,000 |
| | GR | 893,200 | 29,000 | 891,600 | 34,000 | 891,900 | 43,000 | 890,400 | 50,000 | 890,000 | 55,000 |
| | GR | 883,300 | 100,000 | 879,800 | 128,000 | 879,500 | 150,000 | 878,200 | 175,000 | 876,700 | 180,000 |
| | GR | 877,300 | 193,000 | 878,400 | 200,000 | 879,100 | 250,000 | 879,000 | 300,000 | 879,200 | 350,000 |
| | GR | 879,800 | 400,000 | 880,600 | 450,000 | 881,900 | 500,000 | 882,600 | 550,000 | 883,200 | 600,000 |
| | GR | 883,600 | 650,000 | 884,100 | 700,000 | 882,600 | 750,000 | 881,700 | 800,000 | 880,900 | 850,000 |
| | GR | 878,300 | 900,000 | 878,600 | 950,000 | 880,800 | 1000,000 | 881,500 | 1013,000 | 877,300 | 1019,000 |
| | GR | 876,500 | 1030,000 | 868,000 | 1038,000 | 863,900 | 1048,000 | 863,800 | 1058,000 | 863,400 | 1068,000 |
| | GR | 863,300 | 1078,000 | 863,000 | 1088,000 | 863,500 | 1098,000 | 863,200 | 1108,000 | 863,300 | 1118,000 |
| | GR | 862,900 | 1128,000 | 862,900 | 1138,000 | 863,200 | 1148,000 | 863,000 | 1158,000 | 863,000 | 1168,000 |
| | GR | 863,200 | 1178,000 | 863,300 | 1188,000 | 868,000 | 1198,000 | 876,000 | 1200,000 | 880,600 | 1208,000 |
| | GR | 883,200 | 1221,000 | 889,600 | 1231,000 | 887,800 | 1235,000 | 888,100 | 1250,000 | 887,800 | 1300,000 |
| | GR | 887,400 | 1350,000 | 885,000 | 1400,000 | 885,200 | 1450,000 | 889,900 | 1500,000 | 907,400 | 1550,000 |

| | | | | | | | | | | | |
|---|----|----------|----------|---------|----------|----------|----------|----------|----------|---------|----------|
| C | X1 | 9087,800 | 77,000 | 994,000 | 1226,000 | 2660,000 | 2660,000 | 2660,000 | -0 | -0 | -0 |
| | GR | 925,100 | 100,000 | 918,500 | 150,000 | 913,100 | 200,000 | 907,000 | 250,000 | 902,800 | 291,000 |
| | GR | 903,000 | 301,000 | 903,000 | 311,000 | 902,200 | 325,000 | 892,200 | 339,000 | 894,400 | 350,000 |
| | GR | 893,300 | 359,000 | 893,300 | 371,000 | 888,500 | 383,000 | 887,300 | 400,000 | 883,500 | 450,000 |
| | GR | 881,500 | 500,000 | 883,000 | 550,000 | 883,700 | 600,000 | 884,700 | 650,000 | 884,200 | 700,000 |
| | GR | 884,700 | 750,000 | 885,100 | 800,000 | 886,900 | 850,000 | 888,100 | 892,000 | 888,300 | 900,000 |
| | GR | 888,400 | 914,000 | 885,900 | 950,000 | 884,300 | 994,000 | 877,900 | 1000,000 | 877,400 | 1003,000 |
| | GR | 868,300 | 1015,000 | 862,500 | 1025,000 | 863,100 | 1035,000 | 864,100 | 1045,000 | 864,500 | 1055,000 |
| | GR | 864,800 | 1045,000 | 864,500 | 1075,000 | 864,500 | 1085,000 | 864,400 | 1095,000 | 864,300 | 1105,000 |
| | GR | 864,300 | 1115,000 | 863,900 | 1125,000 | 863,700 | 1135,000 | 864,000 | 1145,000 | 863,500 | 1155,000 |
| | GR | 863,700 | 1165,000 | 863,500 | 1175,000 | 868,400 | 1184,000 | 879,600 | 1188,000 | 880,700 | 1200,000 |
| | GR | 881,700 | 1217,000 | 885,500 | 1226,000 | 887,100 | 1250,000 | 887,900 | 1300,000 | 886,200 | 1350,000 |
| | GR | 884,300 | 1400,000 | 883,200 | 1450,000 | 883,100 | 1500,000 | 883,400 | 1550,000 | 883,100 | 1600,000 |
| | GR | 883,100 | 1606,000 | 879,300 | 1611,000 | 882,800 | 1622,000 | 882,900 | 1650,000 | 882,600 | 1700,000 |
| | GR | 884,000 | 1750,000 | 885,600 | 1800,000 | 887,500 | 1850,000 | 887,900 | 1900,000 | 890,700 | 1950,000 |
| | GR | 893,000 | 2000,000 | 898,600 | 2050,000 | 908,100 | 2091,000 | 908,400 | 2100,000 | 907,900 | 2105,000 |
| | GR | 912,600 | 2115,000 | 922,100 | 2150,000 | -0 | -0 | -0 | -0 | -0 | -0 |
| | NC | .100 | .095 | .080 | .300 | .500 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|----|----|----|----------|----------|----------|----|----|----|
| X1 | 9100,000 | -0 | -0 | -0 | 1220,000 | 1220,000 | 1220,000 | -0 | -0 | -0 |
|----|----------|----|----|----|----------|----------|----------|----|----|----|

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|---|----|----------|---------|----------|----------|----------|----------|----------|----------|---------|----------|
| D | X1 | 9113,000 | 66,000 | 1232,000 | 1435,000 | 1300,000 | 1300,000 | 1300,000 | -0 | -0 | -0 |
| | GR | 904,600 | 23,000 | 904,000 | 53,000 | 903,900 | 57,000 | 902,800 | 62,000 | 903,300 | 82,000 |
| | GR | 902,700 | 103,000 | 902,900 | 103,000 | 902,900 | 109,000 | 898,000 | 150,000 | 896,200 | 200,000 |
| | GR | 895,400 | 250,000 | 895,900 | 300,000 | 895,700 | 313,000 | 892,600 | 350,000 | 892,400 | 353,000 |
| | GR | 891,800 | 366,000 | 890,300 | 400,000 | 890,600 | 435,000 | 890,600 | 462,000 | 889,500 | 496,000 |
| | GR | 888,900 | 500,000 | 888,700 | 524,000 | 889,200 | 543,000 | 889,300 | 566,000 | 889,200 | 600,000 |
| | GR | 889,500 | 650,000 | 889,700 | 700,000 | 889,700 | 750,000 | 889,400 | 800,000 | 889,100 | 822,000 |
| | GR | 886,800 | 850,000 | 885,600 | 900,000 | 884,300 | 950,000 | 885,200 | 1000,000 | 886,100 | 1050,000 |

| | | | | | | | | | | |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 865,500 | 1265,000 | 864,900 | 1275,000 | 866,200 | 1285,000 | 866,500 | 1295,000 | 866,700 | 1305,000 |
| GR | 866,200 | 1315,000 | 865,900 | 1325,000 | 865,200 | 1335,000 | 865,000 | 1345,000 | 864,000 | 1355,000 |
| GR | 863,800 | 1365,000 | 862,300 | 1375,000 | 862,300 | 1385,000 | 863,500 | 1395,000 | 864,800 | 1405,000 |
| GR | 869,700 | 1415,000 | 878,200 | 1435,000 | 883,600 | 1444,000 | 884,800 | 1450,000 | 894,600 | 1488,000 |
| GR | 899,200 | 1500,000 | 909,800 | 1514,000 | 909,600 | 1550,000 | 907,100 | 1600,000 | 907,300 | 1625,000 |
| GR | 911,300 | 1636,000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 9113,600 | 95,000 | 1289,000 | 1499,000 | 60,000 | 60,000 | 60,000 | -0 | -0 | -0 |
| BT | 3,000 | 50,000 | 924,300 | 919,000 | 390,000 | 924,000 | 918,400 | 1578,000 | 909,900 | 904,600 |
| GR | 925,700 | 0 | 924,300 | 50,000 | 914,900 | 51,000 | 905,800 | 100,000 | 901,200 | 169,000 |
| GR | 918,900 | 170,000 | 901,200 | 172,000 | 898,000 | 224,000 | 918,900 | 225,000 | 898,000 | 227,000 |
| GR | 846,700 | 250,000 | 897,300 | 279,000 | 918,900 | 280,000 | 897,300 | 281,000 | 897,700 | 300,000 |
| GR | 896,400 | 335,000 | 918,700 | 336,000 | 896,400 | 338,000 | 893,500 | 390,000 | 918,400 | 391,000 |
| GR | 893,500 | 393,000 | 890,300 | 446,000 | 917,800 | 447,000 | 890,000 | 449,000 | 888,800 | 501,000 |
| GR | 917,300 | 502,000 | 888,600 | 504,000 | 888,000 | 557,000 | 916,600 | 558,000 | 888,000 | 560,000 |
| GR | 888,100 | 612,000 | 916,000 | 613,000 | 888,000 | 615,000 | 888,800 | 668,000 | 915,400 | 669,000 |
| GR | 888,800 | 671,000 | 889,600 | 722,000 | 914,600 | 723,000 | 889,600 | 725,000 | 889,100 | 778,000 |
| GR | 914,000 | 779,000 | 889,100 | 781,000 | 888,900 | 833,000 | 913,400 | 834,000 | 888,900 | 836,000 |
| GR | 886,700 | 889,000 | 912,700 | 890,000 | 886,700 | 892,000 | 885,700 | 944,000 | 912,100 | 945,000 |
| GR | 865,700 | 947,000 | 885,600 | 999,000 | 911,500 | 1000,000 | 885,600 | 1002,000 | 886,400 | 1054,000 |
| GR | 910,700 | 1055,000 | 886,400 | 1057,000 | 886,500 | 1110,000 | 910,100 | 1111,000 | 886,500 | 1112,000 |
| GR | 886,300 | 1165,000 | 909,500 | 1166,000 | 886,300 | 1168,000 | 882,500 | 1220,000 | 908,800 | 1220,000 |
| GR | 908,800 | 1224,000 | 882,500 | 1224,000 | 880,900 | 1250,000 | 878,200 | 1289,000 | 869,400 | 1300,000 |
| GR | 866,700 | 1310,000 | 865,400 | 1320,000 | 865,200 | 1330,000 | 865,500 | 1340,000 | 864,600 | 1350,000 |
| GR | 864,900 | 1360,000 | 865,300 | 1372,000 | 912,000 | 1372,000 | 912,000 | 1376,000 | 865,300 | 1376,000 |
| GR | 865,900 | 1390,000 | 864,100 | 1420,000 | 864,500 | 1430,000 | 863,600 | 1450,000 | 865,000 | 1470,000 |
| GR | 876,900 | 1488,000 | 883,500 | 1499,000 | 883,800 | 1515,000 | 889,700 | 1526,000 | 905,100 | 1526,000 |
| GR | 905,100 | 1530,000 | 889,700 | 1530,000 | 909,900 | 1578,000 | 909,900 | 1600,000 | 912,200 | 1800,000 |

| | | | | | | | | | | |
|----|----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 9114,000 | -0 | -0 | -0 | 40,000 | 40,000 | 40,000 | -0 | -0 | -0 |
| X2 | -0 | -0 | -0 | -0 | -0 | -0 | 1,000 | -0 | -0 | -0 |

| | | | | | | | | | | |
|------|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| E X1 | 9114,800 | 65,000 | 1253,000 | 1450,000 | 80,000 | 80,000 | 80,000 | -0 | -0 | -0 |
| GR | 904,900 | 53,000 | 904,500 | 61,000 | 903,900 | 63,000 | 904,700 | 83,000 | 903,800 | 103,000 |
| GR | 904,200 | 104,000 | 904,500 | 114,000 | 920,000 | 114,000 | 920,000 | 293,000 | 896,200 | 293,000 |
| GR | 895,700 | 300,000 | 895,700 | 315,000 | 893,000 | 350,000 | 891,700 | 363,000 | 891,000 | 375,000 |
| GR | 910,000 | 375,000 | 910,000 | 504,000 | 888,000 | 504,000 | 887,400 | 550,000 | 888,000 | 563,000 |
| GR | 888,600 | 589,000 | 888,100 | 610,000 | 888,700 | 650,000 | 889,300 | 700,000 | 888,800 | 750,000 |
| GR | 888,900 | 785,000 | 889,500 | 800,000 | 888,900 | 822,000 | 887,300 | 836,000 | 887,300 | 836,000 |
| GR | 887,300 | 850,000 | 887,100 | 900,000 | 886,800 | 950,000 | 887,300 | 1000,000 | 885,400 | 1050,000 |
| GR | 882,900 | 1100,000 | 881,500 | 1150,000 | 881,500 | 1200,000 | 879,200 | 1210,000 | 881,500 | 1221,000 |
| GR | 881,200 | 1244,000 | 880,100 | 1248,000 | 879,800 | 1250,000 | 879,400 | 1253,000 | 867,800 | 1266,000 |
| GR | 864,200 | 1276,000 | 864,500 | 1286,000 | 862,200 | 1296,000 | 862,700 | 1306,000 | 863,200 | 1316,000 |
| GR | 863,000 | 1326,000 | 862,800 | 1336,000 | 863,600 | 1346,000 | 863,500 | 1356,000 | 863,800 | 1366,000 |
| GR | 863,800 | 1376,000 | 863,100 | 1386,000 | 861,800 | 1396,000 | 860,600 | 1406,000 | 860,600 | 1416,000 |
| GR | 867,800 | 1426,000 | 875,300 | 1436,000 | 879,600 | 1450,000 | 909,000 | 1500,000 | 911,400 | 1547,000 |

| | | | | | | | | | | |
|------|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| F X1 | 9119,800 | 72,000 | 1165,000 | 1324,000 | 500,000 | 500,000 | 500,000 | -0 | -0 | -0 |
| GR | 912,100 | 0 | 911,000 | 21,000 | 911,400 | 22,000 | 911,600 | 31,000 | 930,000 | 31,000 |
| GR | 930,000 | 148,000 | 901,300 | 148,000 | 901,400 | 153,000 | 900,300 | 154,000 | 900,000 | 181,000 |
| GR | 898,800 | 182,000 | 898,000 | 200,000 | 897,000 | 234,000 | 896,500 | 249,000 | 896,000 | 286,000 |
| GR | 894,600 | 289,000 | 895,100 | 294,000 | 895,000 | 300,000 | 893,400 | 350,000 | 892,900 | 373,000 |
| GR | 893,300 | 373,000 | 893,400 | 375,000 | 910,000 | 375,000 | 910,000 | 396,000 | 891,000 | 396,000 |
| GR | 890,300 | 450,000 | 890,600 | 499,000 | 910,000 | 499,000 | 910,000 | 515,000 | 889,500 | 515,000 |
| GR | 889,500 | 519,000 | 889,600 | 548,000 | 889,200 | 556,000 | 889,300 | 596,000 | 910,000 | 596,000 |
| GR | 910,000 | 701,000 | 888,300 | 701,000 | 888,300 | 713,000 | 888,500 | 728,000 | 888,300 | 727,000 |
| GR | 888,300 | 750,000 | 890,500 | 800,000 | 910,000 | 800,000 | 910,000 | 834,000 | 890,900 | 834,000 |
| GR | 884,900 | 861,000 | 883,900 | 900,000 | 883,000 | 950,000 | 882,300 | 1000,000 | 881,600 | 1050,000 |
| GR | 882,500 | 1100,000 | 882,600 | 1150,000 | 880,900 | 1165,000 | 870,200 | 1182,000 | 868,900 | 1186,000 |
| GR | 867,500 | 1196,000 | 867,600 | 1206,000 | 866,600 | 1216,000 | 865,100 | 1226,000 | 864,400 | 1236,000 |
| GR | 864,500 | 1246,000 | 863,100 | 1256,000 | 863,100 | 1266,000 | 863,000 | 1276,000 | 864,400 | 1286,000 |

| | | | | | | | | | | |
|----|----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| GR | 864,500 | 1296,000 | 864,000 | 1306,000 | 863,200 | 1316,000 | 870,200 | 1326,000 | 906,400 | 1393,000 |
| GR | 907,200 | 1400,000 | 907,200 | 1450,000 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 9120,200 | 71,000 | 1161,000 | 1354,000 | 40,000 | 40,000 | 40,000 | -0 | -0 | -0 |
| RT | 2,000 | 1015,000 | 895,600 | 891,000 | 1417,000 | 907,000 | 902,600 | -0 | -0 | -0 |
| GR | 913,000 | 0 | 910,500 | 50,000 | 906,200 | 100,000 | 902,100 | 150,000 | 898,700 | 200,000 |
| GR | 897,000 | 250,000 | 895,400 | 300,000 | 893,300 | 350,000 | 891,600 | 400,000 | 890,600 | 450,000 |
| GR | 890,100 | 500,000 | 889,500 | 550,000 | 888,900 | 600,000 | 888,700 | 650,000 | 888,700 | 700,000 |
| GR | 868,900 | 736,000 | 888,900 | 750,000 | 889,800 | 800,000 | 891,000 | 850,000 | 892,400 | 900,000 |
| GR | 893,900 | 950,000 | 895,300 | 1000,000 | 895,700 | 1015,000 | 891,300 | 1016,000 | 890,800 | 1018,000 |
| GR | 882,500 | 1038,000 | 882,300 | 1065,000 | 883,500 | 1093,000 | 893,500 | 1093,000 | 893,500 | 1095,000 |
| GR | 863,500 | 1095,000 | 884,200 | 1115,000 | 881,300 | 1124,000 | 879,700 | 1161,000 | 878,200 | 1165,000 |
| GR | 869,400 | 1172,000 | 895,700 | 1172,000 | 895,700 | 1176,000 | 869,400 | 1176,000 | 868,000 | 1189,000 |
| GR | 867,100 | 1204,000 | 867,600 | 1219,000 | 866,400 | 1234,000 | 865,800 | 1249,000 | 865,800 | 1254,000 |
| GR | 898,000 | 1254,000 | 898,000 | 1258,000 | 865,800 | 1258,000 | 866,100 | 1264,000 | 864,700 | 1279,000 |
| GR | 862,500 | 1294,000 | 862,900 | 1304,000 | 865,300 | 1314,000 | 868,800 | 1324,000 | 870,300 | 1336,000 |
| GR | 900,500 | 1336,000 | 900,500 | 1338,000 | 870,300 | 1338,000 | 882,600 | 1354,000 | 884,700 | 1376,000 |
| GR | 901,900 | 1409,000 | 907,200 | 1415,000 | 902,800 | 1417,000 | 907,200 | 1418,000 | 907,800 | 1450,000 |
| GR | 909,200 | 1500,000 | 910,900 | 1550,000 | 912,900 | 1600,000 | 915,400 | 1650,000 | 917,900 | 1700,000 |
| GR | 920,700 | 1750,000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 9120,600 | -0 | -0 | -0 | 40,000 | 40,000 | 40,000 | -0 | -0 | -0 |
| X2 | -0 | -0 | -0 | -0 | -0 | -0 | 1,000 | -0 | -0 | -0 |

| | | | | | | | | | | |
|------|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| G X1 | 9120,800 | 69,000 | 1146,000 | 1368,000 | 20,000 | 20,000 | 20,000 | -0 | -0 | -0 |
| GR | 913,200 | 0 | 912,500 | 20,000 | 912,700 | 21,000 | 913,000 | 31,000 | 930,000 | 31,000 |
| GR | 930,000 | 147,000 | 901,900 | 147,000 | 901,400 | 186,000 | 899,200 | 200,000 | 899,200 | 219,000 |
| GR | 895,900 | 221,000 | 896,700 | 233,000 | 896,700 | 247,000 | 896,800 | 250,000 | 896,700 | 281,000 |
| GR | 895,300 | 285,000 | 895,200 | 290,000 | 895,800 | 300,000 | 910,000 | 300,000 | 910,000 | 421,000 |
| GR | 891,300 | 421,000 | 891,000 | 450,000 | 891,600 | 468,000 | 889,200 | 520,000 | 889,400 | 527,000 |
| GR | 888,300 | 553,000 | 888,600 | 600,000 | 889,300 | 622,000 | 889,600 | 682,000 | 888,600 | 702,000 |
| GR | 860,700 | 713,000 | 868,100 | 730,000 | 868,300 | 750,000 | 890,100 | 800,000 | 890,300 | 850,000 |
| GR | 890,100 | 860,000 | 882,700 | 885,000 | 880,600 | 900,000 | 878,400 | 950,000 | 878,700 | 1000,000 |
| GR | 878,500 | 1014,000 | 883,200 | 1024,000 | 879,300 | 1034,000 | 879,200 | 1050,000 | 881,500 | 1100,000 |
| GR | 888,400 | 1120,000 | 882,200 | 1131,000 | 881,300 | 1146,000 | 880,000 | 1160,000 | 870,200 | 1174,000 |
| GR | 868,000 | 1189,000 | 867,100 | 1204,000 | 867,600 | 1219,000 | 866,400 | 1234,000 | 865,800 | 1249,000 |
| GR | 866,100 | 1264,000 | 864,700 | 1279,000 | 862,500 | 1294,000 | 862,900 | 1304,000 | 868,300 | 1314,000 |
| GR | 868,800 | 1324,000 | 870,300 | 1336,000 | 882,600 | 1354,000 | 882,600 | 1368,000 | 897,400 | 1400,000 |
| GR | 905,700 | 1417,000 | 907,900 | 1450,000 | 909,200 | 1500,000 | 910,300 | 1550,000 | -0 | -0 |

| | | | | | | | | | | |
|------|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| H X1 | 9130,400 | 60,000 | 725,000 | 958,000 | 960,000 | 960,000 | 960,000 | -0 | -0 | -0 |
| GR | 901,600 | 0 | 898,200 | 8,000 | 898,200 | 17,000 | 899,000 | 24,000 | 898,900 | 50,000 |
| GR | 897,600 | 100,000 | 896,700 | 131,000 | 895,400 | 143,000 | 895,500 | 150,000 | 895,500 | 154,000 |
| GR | 894,000 | 175,000 | 893,000 | 200,000 | 892,000 | 250,000 | 890,500 | 300,000 | 890,400 | 350,000 |
| GR | 869,500 | 400,000 | 890,400 | 432,000 | 890,400 | 450,000 | 890,500 | 480,000 | 890,700 | 500,000 |
| GR | 891,200 | 550,000 | 891,700 | 600,000 | 892,900 | 650,000 | 893,300 | 700,000 | 892,000 | 725,000 |
| GR | 860,300 | 747,000 | 860,000 | 750,000 | 871,600 | 759,000 | 866,600 | 769,000 | 867,100 | 779,000 |
| GR | 866,600 | 789,000 | 866,700 | 799,000 | 867,000 | 809,000 | 866,800 | 819,000 | 866,900 | 829,000 |
| GR | 866,600 | 839,000 | 866,600 | 849,000 | 866,700 | 859,000 | 867,000 | 869,000 | 867,400 | 879,000 |
| GR | 868,000 | 889,000 | 868,200 | 899,000 | 868,200 | 909,000 | 868,600 | 919,000 | 868,200 | 929,000 |
| GR | 868,600 | 939,000 | 871,500 | 945,000 | 883,900 | 958,000 | 883,700 | 1000,000 | 882,900 | 1019,000 |
| GR | 862,600 | 1050,000 | 881,900 | 1100,000 | 881,900 | 1150,000 | 863,600 | 1200,000 | 890,900 | 1250,000 |
| GR | 898,300 | 1273,000 | 899,200 | 1296,000 | 903,900 | 1306,000 | 911,600 | 1350,000 | 913,200 | 1363,000 |
| NC | .090 | .085 | .080 | .300 | .500 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|------|----------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| I X1 | 9150,900 | 72,000 | 397,000 | 579,000 | 2050,000 | 2050,000 | 2050,000 | -0 | -0 | -0 |
| GR | 926,400 | 0 | 924,900 | 21,000 | 922,700 | 50,000 | 921,800 | 57,000 | 918,600 | 68,000 |
| GR | 917,800 | 93,000 | 917,200 | 100,000 | 912,900 | 112,000 | 906,400 | 150,000 | 895,400 | 170,000 |
| GR | 897,500 | 178,000 | 897,500 | 182,000 | 895,400 | 193,000 | 894,400 | 200,000 | 891,100 | 223,000 |
| GR | 888,800 | 250,000 | 882,900 | 300,000 | 882,100 | 350,000 | 882,200 | 360,000 | 880,800 | 371,000 |
| GR | 878,800 | 397,000 | 872,100 | 403,000 | 867,800 | 413,000 | 867,600 | 423,000 | 867,600 | 433,000 |

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,0A,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 ELKIN NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 YADKIN RIVER FLOODWAY

| J1 | ICHECK | IND | NINV | IDIR | STRT | H/TRYC | HVINS | Q | WSEL | FD |
|----|--------|------|--------|-------|---------|--------|-------|-----|---------|--------|
| | -0 | 5. | -0 | -0 | -0 | -0 | -0 | -0 | 893,600 | -0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15,000 | -0 | -1,000 | 5,000 | 100,000 | -0 | -0 | -0 | -0 | -0 |

SUMMARY PRINTOUT

YADKIN RIVER 100 YR NATU.

| SECNO | ELENC | ELTRD | ELLC | ELMIN | Q | CWSEL | CRIWS | EG | TOPWID | SSTA | ENDST | SECNO |
|---------|-----------|--------|--------|--------|----------|--------|-------|--------|---------|--------|---------|---------|
| 9026.90 | 0 | 0 | 0 | 860.60 | 63000.00 | 892.60 | 0 | 892.86 | 959.24 | 135.15 | 1094.39 | 9026.90 |
| 9026.90 | 100000.00 | 0 | 0 | 860.60 | 63000.00 | 893.60 | 0 | 893.88 | 758.17 | 284.35 | 1042.52 | 9026.90 |
| 9027.50 | 0 | 911.50 | 924.00 | 860.70 | 63000.00 | 892.51 | 0 | 893.13 | 582.19 | 302.99 | 948.85 | 9027.50 |
| 9027.50 | 100000.00 | 911.50 | 924.00 | 860.70 | 63000.00 | 893.49 | 0 | 894.16 | 462.64 | 416.48 | 900.29 | 9027.50 |
| 9028.50 | 0 | 911.50 | 924.00 | 860.70 | 63000.00 | 892.89 | 0 | 893.48 | 586.34 | 302.46 | 949.45 | 9028.50 |
| 9028.50 | 100000.00 | 911.50 | 924.00 | 860.70 | 63000.00 | 893.89 | 0 | 894.52 | 468.39 | 412.56 | 901.96 | 9028.50 |
| 9030.10 | 0 | 0 | 0 | 861.00 | 63000.00 | 893.61 | 0 | 893.79 | 1191.80 | 131.36 | 1344.18 | 9030.10 |
| 9030.10 | 100000.00 | 0 | 0 | 861.00 | 63000.00 | 894.64 | 0 | 894.83 | 963.52 | 291.31 | 1254.83 | 9030.10 |
| 9061.20 | 0 | 0 | 0 | 862.90 | 63000.00 | 895.50 | 0 | 895.65 | 1515.09 | .90 | 1515.99 | 9061.20 |
| 9061.20 | 100000.00 | 0 | 0 | 862.90 | 63000.00 | 896.52 | 0 | 896.69 | 1202.56 | 144.24 | 1346.81 | 9061.20 |
| 9087.80 | 0 | 0 | 0 | 862.50 | 63000.00 | 897.12 | 0 | 897.27 | 1704.66 | 332.11 | 2036.77 | 9087.80 |
| 9087.80 | 100000.00 | 0 | 0 | 862.50 | 63000.00 | 898.13 | 0 | 898.30 | 1329.22 | 477.71 | 1806.93 | 9087.80 |
| 9100.00 | 0 | 0 | 0 | 862.50 | 63000.00 | 897.84 | 0 | 897.98 | 1712.09 | 331.11 | 2043.20 | 9100.00 |
| 9100.00 | 100000.00 | 0 | 0 | 862.50 | 63000.00 | 898.85 | 0 | 899.01 | 1347.73 | 475.66 | 1823.39 | 9100.00 |
| 9113.00 | 0 | 0 | 0 | 862.30 | 63000.00 | 898.70 | 0 | 899.03 | 1354.55 | 144.14 | 1498.70 | 9113.00 |
| 9113.00 | 100000.00 | 0 | 0 | 862.30 | 63000.00 | 899.74 | 0 | 900.09 | 912.83 | 522.17 | 1435.00 | 9113.00 |
| 9113.60 | 0 | 909.90 | 919.00 | 863.60 | 63000.00 | 898.82 | 0 | 899.11 | 1295.80 | 210.65 | 1551.68 | 9113.60 |
| 9113.60 | 100000.00 | 909.90 | 919.00 | 863.60 | 63000.00 | 899.86 | 0 | 900.17 | 918.42 | 554.54 | 1499.00 | 9113.60 |
| 9114.00 | 0 | 909.90 | 919.00 | 863.60 | 63000.00 | 898.87 | 0 | 899.16 | 1296.72 | 209.92 | 1551.78 | 9114.00 |
| 9114.00 | 100000.00 | 909.90 | 919.00 | 863.60 | 63000.00 | 899.92 | 0 | 900.22 | 918.51 | 554.53 | 1499.00 | 9114.00 |
| 9114.80 | 0 | 0 | 0 | 860.60 | 63000.00 | 898.93 | 0 | 899.28 | 1060.87 | 293.00 | 1482.87 | 9114.80 |
| 9114.80 | 100000.00 | 0 | 0 | 860.60 | 63000.00 | 899.98 | 0 | 900.34 | 802.71 | 647.28 | 1450.00 | 9114.80 |
| 9119.80 | 0 | 0 | 0 | 863.00 | 63000.00 | 899.43 | 0 | 899.87 | 1022.62 | 181.48 | 1380.10 | 9119.80 |
| 9119.80 | 100000.00 | 0 | 0 | 863.00 | 63000.00 | 900.54 | 0 | 900.97 | 716.83 | 454.17 | 1326.00 | 9119.80 |
| 9120.20 | 0 | 895.60 | 902.60 | 862.50 | 63000.00 | 899.63 | 0 | 899.98 | 1216.30 | 186.34 | 1404.64 | 9120.20 |
| 9120.20 | 100000.00 | 895.60 | 902.60 | 862.50 | 63000.00 | 900.78 | 0 | 901.10 | 1016.60 | 354.47 | 1371.07 | 9120.20 |
| 9120.60 | 0 | 895.60 | 902.60 | 862.50 | 63000.00 | 899.80 | 0 | 900.13 | 1219.03 | 183.93 | 1404.96 | 9120.60 |
| 9120.60 | 100000.00 | 895.60 | 902.60 | 862.50 | 63000.00 | 900.90 | 0 | 901.25 | 1020.42 | 350.97 | 1371.40 | 9120.60 |
| 9120.80 | 0 | 0 | 0 | 862.50 | 63000.00 | 899.90 | 0 | 900.18 | 1088.55 | 195.57 | 1405.11 | 9120.80 |
| 9120.80 | 100000.00 | 0 | 0 | 862.50 | 63000.00 | 900.98 | 0 | 901.28 | 776.50 | 591.50 | 1368.00 | 9120.80 |
| 9130.40 | 0 | 0 | 0 | 866.60 | 63000.00 | 900.74 | 0 | 901.03 | 1297.28 | 2.01 | 1299.29 | 9130.40 |
| 9130.40 | 100000.00 | 0 | 0 | 866.60 | 63000.00 | 901.84 | 0 | 902.14 | 921.10 | 279.06 | 1200.16 | 9130.40 |
| 9150.90 | 0 | 0 | 0 | 867.20 | 63000.00 | 902.23 | 0 | 902.39 | 1269.72 | 157.58 | 1427.30 | 9150.90 |
| 9150.90 | 100000.00 | 0 | 0 | 867.20 | 63000.00 | 903.30 | 0 | 903.47 | 1062.01 | 273.88 | 1335.89 | 9150.90 |
| 9187.50 | 0 | 0 | 0 | 868.60 | 63000.00 | 904.58 | 0 | 904.93 | 802.15 | 119.51 | 921.66 | 9187.50 |
| 9187.50 | 100000.00 | 0 | 0 | 868.60 | 63000.00 | 905.62 | 0 | 906.00 | 564.71 | 208.55 | 773.26 | 9187.50 |

SUMMARY PRINTOUT

YADKIN RIVER 100 YR NATU

| SECNO | CWSEL | VOL | DEPTH | VCM | NLOB | VLOB | GCH | QROR | VROR | AREA | SECNO | |
|---------|--------|---------|-------|------|----------|------|----------|------|----------|------|----------|---------|
| 9026.90 | 892.60 | 0 | 32.00 | 4.76 | 10385.02 | 2.49 | 35761.74 | 4.76 | 16853.24 | 3.13 | 17060.30 | 9026.90 |
| 9026.90 | 893.60 | 0 | 33.00 | 4.87 | 9210.23 | 2.79 | 37880.54 | 4.87 | 15909.22 | 3.16 | 16103.74 | 9026.90 |
| 9027.50 | 892.51 | 18.76 | 31.81 | 6.91 | 17754.25 | 5.43 | 36410.26 | 6.91 | 8835.49 | 5.39 | 10180.68 | 9027.50 |
| 9027.50 | 893.49 | 17.79 | 32.79 | 6.98 | 17522.27 | 5.92 | 38632.78 | 6.98 | 7444.95 | 5.61 | 9732.06 | 9027.50 |
| 9028.50 | 892.89 | 42.39 | 32.19 | 6.73 | 18090.54 | 5.36 | 35925.21 | 6.73 | 8984.25 | 5.32 | 10405.44 | 9028.50 |
| 9028.50 | 893.89 | 40.42 | 33.19 | 6.80 | 17893.83 | 5.80 | 37488.80 | 6.80 | 7617.37 | 5.51 | 9983.04 | 9028.50 |
| 9030.10 | 893.61 | 99.45 | 32.61 | 4.29 | 8233.94 | 2.51 | 27236.67 | 4.29 | 27529.39 | 2.50 | 20664.89 | 9030.10 |
| 9030.10 | 894.64 | 94.52 | 33.64 | 4.38 | 6423.62 | 2.85 | 28745.28 | 4.38 | 27831.10 | 2.61 | 19472.33 | 9030.10 |
| 9061.20 | 895.50 | 1636.86 | 32.60 | 4.20 | 3465.62 | 2.44 | 24301.85 | 4.20 | 4532.53 | 1.74 | 22402.37 | 9061.20 |
| 9061.20 | 896.52 | 1537.92 | 33.62 | 4.28 | 35129.40 | 2.57 | 25600.03 | 4.28 | 2270.57 | 1.75 | 20961.57 | 9061.20 |
| 9087.80 | 897.12 | 3037.22 | 34.62 | 4.08 | 16418.43 | 2.14 | 27306.57 | 4.08 | 19275.00 | 2.12 | 23461.94 | 9087.80 |
| 9087.80 | 898.13 | 2843.77 | 35.63 | 4.17 | 15405.04 | 2.25 | 28914.74 | 4.17 | 18680.22 | 2.33 | 21807.42 | 9087.80 |
| 9100.00 | 897.84 | 3711.54 | 35.34 | 4.03 | 15806.75 | 1.94 | 27635.58 | 4.03 | 19557.68 | 2.02 | 24691.34 | 9100.00 |
| 9100.00 | 898.85 | 3471.42 | 36.35 | 4.11 | 14751.64 | 2.03 | 29199.94 | 4.11 | 19048.42 | 2.20 | 23013.00 | 9100.00 |
| 9113.00 | 898.70 | 4341.55 | 36.40 | 5.73 | 24832.03 | 2.34 | 36698.66 | 5.73 | 1469.31 | 2.40 | 17529.00 | 9113.00 |
| 9113.00 | 899.74 | 4051.48 | 37.44 | 5.68 | 25425.43 | 2.75 | 37574.57 | 5.68 | 0 | 0 | 15859.91 | 9113.00 |
| 9113.60 | 898.82 | 4365.62 | 35.22 | 5.32 | 26790.25 | 2.58 | 35034.50 | 5.32 | 1175.24 | 2.48 | 17420.46 | 9113.60 |
| 9113.60 | 899.86 | 4073.51 | 36.26 | 5.31 | 26944.77 | 2.89 | 36055.23 | 5.31 | 0 | 0 | 16122.66 | 9113.60 |
| 9114.00 | 898.87 | 4381.65 | 35.27 | 5.31 | 26855.68 | 2.58 | 34967.18 | 5.31 | 1177.14 | 2.47 | 17478.18 | 9114.00 |
| 9114.00 | 899.92 | 4088.34 | 36.32 | 5.29 | 27011.44 | 2.88 | 35988.56 | 5.29 | 0 | 0 | 16173.45 | 9114.00 |
| 9114.80 | 898.93 | 4413.09 | 38.33 | 5.75 | 24271.79 | 2.47 | 38098.17 | 5.75 | 630.04 | 1.98 | 16763.35 | 9114.80 |
| 9114.80 | 899.98 | 4117.26 | 39.38 | 5.72 | 23946.88 | 2.82 | 39053.12 | 5.72 | 0 | 0 | 15327.83 | 9114.80 |
| 9119.80 | 899.43 | 4595.44 | 36.43 | 6.63 | 25207.54 | 2.84 | 35388.69 | 6.63 | 2403.74 | 3.04 | 15009.68 | 9119.80 |
| 9119.80 | 900.54 | 4284.33 | 37.54 | 6.42 | 27566.38 | 3.34 | 35433.62 | 6.42 | 0 | 0 | 13781.66 | 9119.80 |
| 9120.20 | 899.63 | 4608.86 | 37.13 | 5.52 | 29796.44 | 3.65 | 30301.43 | 5.52 | 2902.12 | 5.13 | 14223.71 | 9120.20 |
| 9120.20 | 900.78 | 4297.25 | 38.28 | 5.15 | 33295.13 | 3.90 | 28490.32 | 5.15 | 1214.55 | 4.10 | 14363.96 | 9120.20 |
| 9120.60 | 899.80 | 4622.00 | 37.30 | 5.48 | 29983.72 | 3.60 | 30080.47 | 5.48 | 2935.81 | 5.12 | 14395.71 | 9120.60 |
| 9120.60 | 900.94 | 4310.52 | 38.44 | 5.03 | 33953.61 | 3.91 | 27806.30 | 5.03 | 1240.09 | 4.09 | 14530.51 | 9120.60 |
| 9120.80 | 899.90 | 4629.30 | 37.40 | 5.24 | 27354.07 | 2.64 | 35001.48 | 5.24 | 643.94 | 1.99 | 17380.19 | 9120.80 |
| 9120.80 | 900.98 | 4317.50 | 36.48 | 5.22 | 26859.31 | 2.99 | 36140.69 | 5.22 | 0 | 0 | 15897.29 | 9120.80 |
| 9130.40 | 900.74 | 5019.41 | 34.14 | 5.15 | 10635.36 | 1.87 | 36500.44 | 5.15 | 15864.20 | 3.03 | 18022.60 | 9130.40 |
| 9130.40 | 901.84 | 4677.09 | 35.24 | 5.19 | 9850.63 | 2.07 | 38092.31 | 5.19 | 15047.06 | 3.25 | 16734.72 | 9130.40 |
| 9150.90 | 902.23 | 5959.10 | 35.03 | 4.15 | 8739.01 | 2.43 | 25182.07 | 4.15 | 29078.91 | 2.37 | 21911.71 | 9150.90 |
| 9150.90 | 903.30 | 5564.13 | 36.10 | 4.21 | 6901.98 | 2.66 | 24385.14 | 4.21 | 29712.87 | 2.45 | 20962.66 | 9150.90 |
| 9187.50 | 904.58 | 7495.75 | 35.98 | 5.58 | 15639.81 | 3.40 | 36440.33 | 5.58 | 10919.85 | 3.09 | 14665.81 | 9187.50 |
| 9187.50 | 905.62 | 7017.58 | 37.02 | 5.68 | 14834.11 | 3.61 | 38242.69 | 5.68 | 9923.21 | 3.56 | 13634.01 | 9187.50 |