

FL
11/3/76

SUMMARY PRINTOUT

CEDAR FALLS CR

| SECNO | CWSEL | Q | EL MIN | FG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|-----------|-------|---------|--------|-------|------|--------|--------|--------|--------|--------|------|
| 1.00 | 35.30 | 2150.00 | 29.00 | 35.61 | .31 | 39.63 | 0 | 95.95 | 46.25 | 142.20 | 4.4 |
| 1.00 | 36.30 | 2150.00 | 29.00 | 36.51 | .21 | 22.38 | 1.00 | 97.98 | 44.69 | 142.66 | 3.7 |
| 1000.00 | 39.28 | 2150.00 | 33.00 | 39.59 | .31 | 40.01 | 0 | 95.91 | 46.27 | 142.19 | 4.4 |
| 1000.00 | 39.22 | 2150.00 | 33.00 | 39.54 | .32 | 41.76 | -.06 | 95.78 | 46.38 | 142.16 | 4.5 |
| 2000.00 | 43.02 | 2150.00 | 36.50 | 43.31 | .28 | 34.48 | 0 | 96.41 | 45.89 | 142.30 | 4.2 |
| 2000.00 | 43.03 | 2150.00 | 36.50 | 43.31 | .28 | 34.17 | .01 | 96.44 | 45.87 | 142.31 | 4.2 |
| 3000.00 | 46.50 | 2150.00 | 40.00 | 46.79 | .29 | 35.09 | 0 | 96.35 | 45.94 | 142.29 | 4.2 |
| 3000.00 | 46.50 | 2150.00 | 40.00 | 46.78 | .29 | 35.17 | -.00 | 96.34 | 45.95 | 142.29 | 4.2 |
| 4000.00 | 50.15 | 2150.00 | 43.80 | 50.46 | .30 | 38.30 | 0 | 96.06 | 46.16 | 142.22 | 4.4 |
| 4000.00 | 50.16 | 2150.00 | 43.80 | 50.46 | .30 | 38.28 | .00 | 96.06 | 46.16 | 142.22 | 4.4 |
| 5675.00 | 55.32 | 2150.00 | 48.20 | 55.55 | .23 | 24.60 | 0 | 97.62 | 44.96 | 142.58 | 3.8 |
| 5675.00 | 55.32 | 2150.00 | 48.20 | 55.55 | .23 | 24.60 | -.00 | 97.62 | 44.96 | 142.58 | 3.8 |
| * 5700.00 | 73.71 | 1700.00 | 68.90 | 75.25 | 1.54 | 380.94 | 0 | 57.05 | 181.87 | 238.92 | 9.9 |
| * 5700.00 | 73.71 | 1700.00 | 68.90 | 75.25 | 1.54 | 380.36 | .00 | 57.06 | 181.87 | 238.93 | 9.9 |
| 5705.00 | 74.59 | 1700.00 | 68.90 | 75.50 | .91 | 167.19 | 0 | 66.28 | 180.21 | 246.48 | 7.6 |
| 5705.00 | 74.57 | 1700.00 | 68.90 | 75.50 | .93 | 170.02 | -.01 | 68.76 | 180.24 | 239.00 | 7.7 |
| 5710.00 | 74.76 | 1700.00 | 68.90 | 75.59 | .84 | 145.42 | 0 | 68.31 | 179.60 | 247.91 | 7.3 |
| 5710.00 | 74.74 | 1700.00 | 68.90 | 75.59 | .85 | 148.14 | -.01 | 59.30 | 179.70 | 239.00 | 7.4 |
| 5725.00 | 75.11 | 1700.00 | 68.90 | 75.81 | .70 | 108.60 | 0 | 74.78 | 177.08 | 251.85 | 6.7 |
| 5725.00 | 75.09 | 1700.00 | 68.90 | 75.81 | .72 | 111.27 | -.02 | 60.00 | 179.00 | 239.00 | 6.7 |
| 5750.00 | 75.48 | 1700.00 | 68.90 | 76.06 | .58 | 81.57 | 0 | 83.62 | 174.43 | 258.05 | 6.1 |
| 5750.00 | 75.47 | 1700.00 | 68.90 | 76.07 | .61 | 84.41 | -.02 | 60.00 | 179.00 | 239.00 | 6.2 |
| 5800.00 | 75.96 | 1700.00 | 68.90 | 76.43 | .47 | 58.03 | 0 | 94.93 | 171.05 | 265.98 | 5.5 |
| 5800.00 | 75.95 | 1700.00 | 68.90 | 76.45 | .50 | 60.57 | -.01 | 60.00 | 179.00 | 239.00 | 5.6 |
| * 5880.00 | 77.29 | 1700.00 | 69.00 | 79.42 | 2.13 | 384.73 | 0 | 35.02 | 132.49 | 167.51 | 11.7 |
| * 5880.00 | 77.29 | 1700.00 | 69.00 | 79.42 | 2.13 | 384.78 | -.00 | 35.02 | 132.49 | 167.51 | 11.7 |
| 6095.00 | 81.45 | 1700.00 | 69.00 | 81.87 | .42 | 43.87 | 0 | 52.61 | 123.69 | 176.31 | 5.1 |
| 6095.00 | 81.45 | 1700.00 | 69.00 | 81.87 | .42 | 43.86 | .00 | 52.61 | 123.69 | 176.31 | 5.1 |
| 6145.00 | 81.79 | 1700.00 | 69.00 | 81.98 | .19 | 5.95 | 0 | 56.03 | 121.99 | 178.01 | 3.5 |
| 6145.00 | 81.79 | 1700.00 | 69.00 | 81.98 | .19 | 5.95 | .00 | 56.03 | 121.98 | 178.01 | 3.5 |
| 6150.00 | 81.72 | 1700.00 | 69.00 | 82.03 | .31 | 18.17 | 0 | 42.51 | 132.41 | 177.92 | 4.4 |
| 6150.00 | 81.72 | 1700.00 | 69.00 | 82.03 | .31 | 18.17 | .00 | 42.51 | 132.41 | 177.91 | 4.4 |
| 6170.00 | 81.76 | 1700.00 | 69.00 | 82.07 | .31 | 18.00 | 0 | 42.57 | 132.39 | 177.96 | 4.4 |
| 6170.00 | 81.76 | 1700.00 | 69.00 | 82.07 | .31 | 18.00 | .00 | 42.57 | 132.39 | 177.96 | 4.4 |
| 6175.00 | 81.92 | 1700.00 | 69.00 | 82.10 | .18 | 5.73 | 0 | 56.38 | 121.81 | 178.19 | 3.4 |
| 6175.00 | 81.92 | 1700.00 | 69.00 | 82.10 | .18 | 5.73 | .00 | 56.38 | 121.81 | 178.19 | 3.4 |

| SECNO | CWSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|----------|--------|---------|--------|--------|------|--------|--------|--------|--------|--------|------|
| 6230.00 | 81.79 | 1700.00 | 70.00 | 82.31 | .52 | 58.77 | 0 | 49.80 | 125.10 | 174.90 | 5.7 |
| 6230.00 | 81.79 | 1700.00 | 70.00 | 82.31 | .52 | 58.77 | .00 | 49.80 | 125.10 | 174.90 | 5.7 |
| 6500.00 | 84.04 | 1700.00 | 75.00 | 85.55 | 1.50 | 241.49 | 0 | 38.21 | 130.89 | 169.11 | 9.8 |
| 6500.00 | 84.04 | 1700.00 | 75.00 | 85.55 | 1.50 | 241.49 | .00 | 38.21 | 130.89 | 169.11 | 9.8 |
| 7500.00 | 93.12 | 1700.00 | 80.30 | 93.49 | .37 | 37.48 | 0 | 54.19 | 122.91 | 177.09 | 4.8 |
| 7500.00 | 93.12 | 1700.00 | 80.30 | 93.49 | .37 | 37.52 | .00 | 54.18 | 122.91 | 177.09 | 4.8 |
| 1026.00 | 97.08 | 1700.00 | 86.20 | 97.10 | .02 | 6.41 | 0 | 398.09 | 161.86 | 559.95 | 2.3 |
| 1026.00 | 97.42 | 1700.00 | 86.20 | 97.45 | .03 | 7.32 | .34 | 213.37 | 254.04 | 467.41 | 2.5 |
| 10560.00 | 97.33 | 1420.00 | 88.00 | 97.37 | .04 | 14.00 | 0 | 326.34 | 197.06 | 523.40 | 3.0 |
| 10560.00 | 97.70 | 1420.00 | 88.00 | 97.76 | .06 | 16.09 | .37 | 164.91 | 281.21 | 446.11 | 3.3 |
| 11560.00 | 100.46 | 1420.00 | 93.50 | 100.86 | .40 | 161.07 | 0 | 214.83 | 256.17 | 470.99 | 8.0 |
| 11560.00 | 101.10 | 1420.00 | 93.50 | 101.65 | .55 | 157.33 | .65 | 86.57 | 322.46 | 409.04 | 8.6 |
| 12560.00 | 106.83 | 1420.00 | 98.90 | 106.93 | .10 | 31.14 | 0 | 260.17 | 231.77 | 491.94 | 3.9 |
| 12560.00 | 107.46 | 1420.00 | 98.90 | 107.60 | .13 | 30.33 | .64 | 123.09 | 302.33 | 425.41 | 4.1 |
| 13060.00 | 107.97 | 1420.00 | 99.40 | 108.02 | .06 | 16.14 | 0 | 290.34 | 215.77 | 506.12 | 3.0 |
| 13060.00 | 108.60 | 1420.00 | 99.40 | 108.68 | .08 | 15.89 | .63 | 141.60 | 294.30 | 435.90 | 3.2 |
| 13110.00 | 106.79 | 1420.00 | 100.00 | 109.14 | 2.34 | 210.92 | 0 | 17.00 | 391.00 | 408.00 | 12.2 |
| 13110.00 | 107.80 | 1420.00 | 100.00 | 109.58 | 1.78 | 383.58 | 1.00 | 17.00 | 391.00 | 408.00 | 10.7 |
| 13210.00 | 109.48 | 1420.00 | 100.30 | 109.54 | .06 | 7.18 | 0 | 221.09 | 186.91 | 408.00 | 2.9 |
| 13210.00 | 110.48 | 1420.00 | 100.30 | 110.54 | .07 | 5.99 | 1.00 | 120.09 | 302.79 | 422.89 | 2.8 |
| 13260.00 | 109.55 | 1290.00 | 100.40 | 109.59 | .04 | 13.46 | 0 | 317.97 | 201.30 | 519.27 | 2.9 |
| 13260.00 | 110.54 | 1290.00 | 100.40 | 110.59 | .05 | 10.70 | .99 | 158.97 | 284.59 | 443.56 | 2.8 |
| 13760.00 | 110.41 | 1290.00 | 102.40 | 110.52 | .11 | 25.80 | 0 | 145.10 | 406.84 | 551.93 | 4.0 |
| 13760.00 | 111.25 | 1290.00 | 102.40 | 111.37 | .13 | 22.76 | .83 | 94.90 | 431.22 | 526.12 | 4.1 |
| 14560.00 | 112.92 | 1290.00 | 105.50 | 113.07 | .16 | 39.71 | 0 | 138.91 | 409.78 | 548.70 | 4.7 |
| 14560.00 | 113.54 | 1290.00 | 105.50 | 113.74 | .19 | 38.84 | .63 | 89.96 | 433.58 | 523.53 | 5.0 |
| 15560.00 | 117.96 | 1290.00 | 111.20 | 118.20 | .24 | 67.60 | 0 | 132.16 | 413.00 | 545.16 | 5.7 |
| 15560.00 | 118.53 | 1290.00 | 111.20 | 118.84 | .31 | 68.50 | .57 | 83.86 | 436.46 | 520.32 | 6.2 |
| 16560.00 | 124.02 | 1290.00 | 117.00 | 124.22 | .20 | 53.94 | 0 | 134.91 | 411.69 | 546.60 | 5.3 |
| 16560.00 | 124.63 | 1290.00 | 117.00 | 124.88 | .25 | 53.48 | .60 | 86.56 | 435.18 | 521.74 | 5.6 |
| 17690.00 | 129.15 | 1290.00 | 122.80 | 129.26 | .11 | 37.15 | 0 | 274.05 | 375.85 | 649.90 | 4.2 |
| 17690.00 | 129.75 | 1290.00 | 122.80 | 129.91 | .16 | 37.36 | .60 | 119.72 | 470.16 | 589.87 | 4.5 |
| 17740.00 | 135.29 | 1060.00 | 132.80 | 135.65 | .36 | 254.07 | 0 | 410.35 | 547.64 | 957.99 | 7.7 |
| 17740.00 | 135.70 | 1060.00 | 132.80 | 136.54 | .83 | 343.47 | .41 | 101.50 | 567.00 | 668.50 | 9.7 |
| 17752.00 | 135.91 | 1060.00 | 132.80 | 136.04 | .13 | 335.28 | 0 | 568.76 | 332.90 | 901.66 | 4.6 |
| 17752.00 | 136.79 | 1060.00 | 132.80 | 136.99 | .20 | 217.96 | .87 | 162.99 | 543.44 | 706.43 | 4.5 |
| 17765.00 | 136.24 | 1060.00 | 132.80 | 136.29 | .05 | 113.21 | 0 | 626.53 | 330.24 | 956.77 | 2.9 |
| 17765.00 | 137.09 | 1060.00 | 132.80 | 137.17 | .08 | 78.29 | .85 | 225.36 | 510.81 | 736.17 | 2.8 |

| SECNO | CWSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|------------|--------|---------|--------|--------|------|---------|--------|--------|--------|---------|------|
| 17780.00 | 136.33 | 1060.00 | 132.80 | 136.37 | .04 | 26.85 | 0 | 687.14 | 478.38 | 1165.52 | 3.1 |
| 17780.00 | 137.17 | 1060.00 | 132.80 | 137.23 | .06 | 21.31 | .84 | 199.91 | 567.00 | 766.91 | 3.0 |
| 17830.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | 0 | 896.66 | 273.45 | 1170.11 | .3 |
| 17830.00 | 137.24 | 1160.00 | 123.10 | 137.24 | .00 | .07 | .86 | 400.00 | 300.00 | 700.00 | .3 |
| 17835.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | 0 | 897.06 | 273.37 | 1170.43 | .3 |
| 17835.00 | 137.24 | 1160.00 | 123.10 | 137.24 | .00 | .07 | .86 | 400.00 | 300.00 | 700.00 | .3 |
| 17840.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | 0 | 897.07 | 273.37 | 1170.43 | .3 |
| 17840.00 | 137.24 | 1160.00 | 123.10 | 137.24 | .00 | .07 | .86 | 400.00 | 300.00 | 700.00 | .3 |
| 17845.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | 0 | 897.07 | 273.37 | 1170.43 | .3 |
| 17845.00 | 137.24 | 1160.00 | 123.10 | 137.24 | .00 | .07 | .86 | 400.00 | 300.00 | 700.00 | .3 |
| 19440.00 | 136.36 | 1160.00 | 132.10 | 136.48 | .12 | 114.95 | 0 | 324.84 | 906.65 | 1231.48 | 2.7 |
| 19440.00 | 137.26 | 1160.00 | 132.10 | 137.29 | .04 | 23.49 | .90 | 420.73 | 840.18 | 1260.91 | 1.5 |
| 20460.00 | 141.55 | 1160.00 | 137.90 | 141.58 | .03 | 27.68 | 0 | 574.54 | 358.60 | 933.15 | 2.3 |
| 20460.00 | 141.32 | 1160.00 | 137.90 | 141.42 | .10 | 83.74 | -.23 | 264.51 | 476.12 | 740.63 | 3.8 |
| 21040.00 | 144.41 | 1160.00 | 140.80 | 144.53 | .12 | 118.37 | 0 | 285.92 | 179.71 | 465.63 | 4.7 |
| 21040.00 | 145.01 | 1160.00 | 140.80 | 145.07 | .07 | 49.02 | .60 | 260.00 | 180.00 | 440.00 | 3.4 |
| * 21090.00 | 154.66 | 975.00 | 142.20 | 160.82 | 6.16 | 902.09 | 0 | 4.00 | 322.00 | 326.00 | 19.9 |
| * 21090.00 | 154.64 | 975.00 | 142.20 | 160.82 | 6.18 | 3451.43 | -.02 | 4.00 | 322.00 | 326.00 | 19.9 |
| * 21230.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .01 | 0 | 820.98 | 0 | 820.98 | .1 |
| * 21230.00 | 165.98 | 975.00 | 142.20 | 165.98 | .00 | .01 | -.02 | 664.00 | 45.20 | 709.21 | .1 |
| 21280.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | 0 | 808.26 | 12.71 | 820.97 | .0 |
| 21280.00 | 165.98 | 975.00 | 142.20 | 165.98 | .00 | .00 | -.02 | 700.00 | 50.00 | 750.00 | .0 |
| 21285.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | 0 | 808.26 | 12.71 | 820.97 | .0 |
| 21285.00 | 165.98 | 975.00 | 142.20 | 165.98 | .00 | .00 | -.02 | 700.00 | 50.00 | 750.00 | .0 |
| 21290.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | 0 | 808.26 | 12.71 | 820.97 | .0 |
| 21290.00 | 165.98 | 975.00 | 142.20 | 165.98 | .00 | .00 | -.02 | 700.00 | 50.00 | 750.00 | .0 |
| 21295.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | 0 | 808.26 | 12.71 | 820.97 | .0 |
| 21295.00 | 165.98 | 975.00 | 142.20 | 165.98 | .00 | .00 | -.02 | 700.00 | 50.00 | 750.00 | .0 |
| 21300.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | 0 | 808.26 | 12.71 | 820.97 | .0 |
| 21300.00 | 165.98 | 975.00 | 142.20 | 165.98 | .00 | .00 | -.02 | 700.00 | 50.00 | 750.00 | .0 |
| 22760.00 | 166.00 | 975.00 | 148.20 | 166.00 | .00 | .01 | 0 | 731.69 | 29.29 | 760.98 | .1 |
| 22760.00 | 165.98 | 975.00 | 148.20 | 165.98 | .00 | .01 | -.02 | 700.00 | 50.00 | 750.00 | .1 |
| 23960.00 | 166.00 | 670.00 | 155.00 | 166.00 | .00 | .06 | 0 | 593.00 | 48.07 | 641.07 | .1 |
| 23960.00 | 165.98 | 670.00 | 155.00 | 165.98 | .00 | .06 | -.02 | 590.65 | 50.00 | 640.65 | .1 |
| * 24440.00 | 165.43 | 670.00 | 161.20 | 166.65 | 1.23 | 414.54 | 0 | 46.00 | 682.57 | 728.58 | 9.0 |
| * 24440.00 | 165.47 | 670.00 | 161.20 | 166.65 | 1.18 | 392.46 | .05 | 47.17 | 682.00 | 729.17 | 8.8 |
| 24760.00 | 169.38 | 670.00 | 163.50 | 169.74 | .36 | 41.36 | 0 | 93.67 | 655.70 | 749.37 | 5.2 |
| 24760.00 | 169.36 | 670.00 | 163.50 | 169.73 | .37 | 42.02 | -.02 | 93.16 | 655.99 | 749.14 | 5.2 |

| SECNO | CWSEL | 0 | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|------------|-----------|--------|--------|--------|-----|-------|--------|--------|--------|--------|-----|
| * 24810.00 | 177.12 // | 670.00 | 164.20 | 177.13 | .01 | 3.09 | 0 | 128.67 | 705.00 | 833.67 | .8 |
| * 24810.00 | 177.09 | 670.00 | 164.20 | 177.11 | .01 | 3.14 | -.02 | 128.40 | 705.00 | 833.40 | .7 |
| 24870.00 | 178.34 | 670.00 | 164.20 | 178.34 | .00 | .35 | 0 | 333.73 | 513.66 | 847.38 | 1.0 |
| 24870.00 | 178.32 | 670.00 | 164.20 | 178.32 | .00 | .44 | -.02 | 195.48 | 591.02 | 786.49 | 1.1 |
| 24920.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | 0 | 334.08 | 513.40 | 847.48 | .3 |
| 24920.00 | 178.32 | 670.00 | 164.20 | 178.32 | .00 | .12 | -.02 | 323.12 | 524.00 | 847.12 | .3 |
| 24925.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | 0 | 334.08 | 513.40 | 847.48 | .3 |
| 24925.00 | 178.32 | 670.00 | 164.20 | 178.32 | .00 | .12 | -.02 | 323.12 | 524.00 | 847.12 | .3 |
| 24930.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | 0 | 334.09 | 513.40 | 847.48 | .3 |
| 24930.00 | 178.32 | 670.00 | 164.20 | 178.32 | .00 | .12 | -.02 | 323.12 | 524.00 | 847.12 | .3 |
| 24935.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | 0 | 334.09 | 513.39 | 847.48 | .3 |
| 24935.00 | 178.32 | 670.00 | 164.20 | 178.32 | .00 | .12 | -.02 | 323.13 | 524.00 | 847.13 | .3 |

FLOODWAY DATA, CEDAR FALLS CR
 PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | DIFFERENCE |
|-----------|---------------|-----------------|------------------|-------------------------|---------------------|------------|
| | WIDTH (FT) | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | |
| 1.000 | 98. | 580. | 3.7 | 36.3 | 35.3 | 1.0 |
| 1000.000 | 96. | 475. | 4.5 | 39.2 | 39.3 | -.1 |
| 2000.000 | 96. | 506. | 4.2 | 43.0 | 43.0 | .0 |
| 3000.000 | 96. | 501. | 4.3 | 46.5 | 46.5 | -.0 |
| 4000.000 | 96. | 488. | 4.4 | 50.2 | 50.2 | .0 |
| 5675.000 | 98. | 562. | 3.8 | 55.3 | 55.3 | -.0 |
| 5700.000 | 57. | 171. | 10.0 | 73.7 | 73.7 | .0 |
| 5705.000 | 59. | 221. | 7.7 | 74.6 | 74.6 | -.0 |
| 5710.000 | 59. | 231. | 7.4 | 74.7 | 74.8 | -.0 |
| 5725.000 | 60. | 252. | 6.8 | 75.1 | 75.1 | -.0 |
| 5750.000 | 60. | 274. | 6.2 | 75.5 | 75.5 | -.0 |
| 5800.000 | 60. | 303. | 5.6 | 76.0 | 76.0 | -.0 |
| 5880.000 | 35. | 145. | 11.7 | 77.3 | 77.3 | -.0 |
| 6095.000 | 53. | 328. | 5.2 | 81.5 | 81.5 | .0 |
| 6145.000 | 56. | 486. | 3.5 | 81.8 | 81.8 | .0 |
| 6150.000 | 43. | 378. | 4.5 | 81.7 | 81.7 | .0 |
| 6170.000 | 43. | 380. | 4.5 | 81.8 | 81.8 | .0 |
| 6175.000 | 56. | 493. | 3.4 | 81.9 | 81.9 | .0 |
| 6230.000 | 50. | 294. | 5.8 | 81.8 | 81.8 | .0 |
| 6500.000 | 38. | 173. | 9.8 | 84.0 | 84.0 | .0 |
| 7500.000 | 54. | 347. | 4.9 | 93.1 | 93.1 | .0 |
| 1026.000 | 213. | 1314. | 1.3 | 97.4 | 97.1 | .3 |
| 10560.000 | 165. | 832. | 1.7 | 97.7 | 97.3 | .4 |
| 11560.000 | 87. | 308. | 4.6 | 101.1 | 100.5 | .6 |
| 12560.000 | 123. | 520. | 2.7 | 107.5 | 106.8 | .6 |
| 13060.000 | 142. | 669. | 2.1 | 108.6 | 108.0 | .6 |
| 13110.000 | 17. | 133. | 10.7 | 107.8 | 106.8 | 1.0 |

| | | | | | | |
|-----------|--------|--------|------|-------|-------|-----|
| 13210.000 | 120. | 818. | 1.7 | 110.5 | 109.5 | 1.0 |
| 13260.000 | 159. | 880. | 1.5 | 110.5 | 109.5 | 1.0 |
| 13760.000 | 95. | 560. | 2.3 | 111.2 | 110.4 | .8 |
| 14560.000 | 90.100 | 460. | 2.8 | 113.5 | 112.9 | .6 |
| 15560.000 | 84. | 371. | 3.5 | 118.5 | 118.0 | .6 |
| 16560.000 | 87. | 408. | 3.2 | 124.6 | 124.0 | .6 |
| 17690.000 | 120. | 511. | 2.5 | 129.8 | 129.2 | .6 |
| 17740.000 | 101. | 194. | 5.5 | 135.7 | 135.3 | .4 |
| 17752.000 | 163. | 307. | 3.5 | 136.8 | 135.9 | .9 |
| 17765.000 | 225. | 479. | 2.2 | 137.1 | 136.2 | .8 |
| 17780.000 | 200. | 644. | 1.6 | 137.2 | 136.3 | .8 |
| 17830.000 | 400. | 3578. | .3 | 137.2 | 136.4 | .9 |
| 17835.000 | 400. | 3578. | .3 | 137.2 | 136.4 | .9 |
| 17840.000 | 400. | 3578. | .3 | 137.2 | 136.4 | .9 |
| 17845.000 | 400. | 3578. | .3 | 137.2 | 136.4 | .9 |
| 19440.000 | 421. | 760. | 1.5 | 137.3 | 136.4 | .9 |
| 20460.000 | 265. | 532. | 2.2 | 141.3 | 141.5 | -.2 |
| 21040.000 | 260. | 632. | 1.8 | 145.0 | 144.4 | .6 |
| 21090.000 | 4. | 49. | 19.9 | 154.6 | 154.7 | -.0 |
| 21230.000 | 664. | 12088. | .1 | 166.0 | 166.0 | -.0 |
| 21280.000 | 700. | 12359. | .1 | 166.0 | 166.0 | -.0 |
| 21285.000 | 700. | 12359. | .1 | 166.0 | 166.0 | -.0 |
| 21290.000 | 700. | 12359. | .1 | 166.0 | 166.0 | -.0 |
| 21295.000 | 700. | 12359. | .1 | 166.0 | 166.0 | -.0 |
| 21300.000 | 700. | 12359. | .1 | 166.0 | 166.0 | -.0 |
| 22760.000 | 700. | 8159. | .1 | 166.0 | 166.0 | -.0 |
| 23960.000 | 591. | 3709. | .2 | 166.0 | 166.0 | -.0 |
| 24440.000 | 47. | 84. | 7.9 | 165.5 | 165.4 | .0 |
| 24760.000 | 93. | 196. | 3.4 | 169.4 | 169.4 | -.0 |
| 24810.000 | 128. | 718. | .9 | 177.1 | 177.1 | -.0 |
| 24870.000 | 195. | 1624. | .4 | 178.3 | 178.3 | -.0 |
| 24920.000 | 323. | 1994. | .3 | 178.3 | 178.3 | -.0 |
| 24925.000 | 323. | 1994. | .3 | 178.3 | 178.3 | -.0 |

24930.000 323. 1994. .3 178.3 178.3 -.0

24935.000 323. 1994. .3 178.3 178.3 -.0

| | | | | | |
|----------------|--------|----------|----------|---|------------------------------------|
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 2 | SLOPE TOO STEEP |
| POSSIBLE ERROR | SECNO= | 24440.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24440.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |

INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

* AS OF 2 SEPT 1976, THE PROGRAM HAS BEEN UPDATED TO INCLUDE MODIFICATION 59 AND ERROR CORRECTION 10. THE PURPOSE OF
* ICATION 59 IS TO

* [1] PROVIDE A NEW INTERPOLATION SCHEME FOR CALCULATING ENCROACHMENT STATIONS BY METHODS 3 AND 4. PREVIOUSLY, LINEAR
* INTERPOLATION WAS USED TO CALCULATE ENCROACHMENTS. NOW, THE INTERPOLATION IS BASED ON A PARABOLIC APPROXIMATION
* OF CONVEYANCE VERSUS DISTANCE.

* [2] FURTHER DEVELOPMENT OF MODIFICATION 54 WHICH PROVIDES FOR THE NH CARD TO VARY n VALUES IN THE CHANNEL. THE
* PROGRAM WILL NOW ALLOW BOTH A CHANGE IN n VALUES IN THE CHANNEL (MOD. 54 AS PRESENTLY USED) AND, IF NO n
* VARIATION IS DEFINED IN THE CHANNEL WHEN THE NH CARD IS USED, THE CHANNEL WILL NOT BE SEGMENTED FOR FLOW CO
* TATION. THIS MODIFICATION ALLOWS MORE FLEXIBILITY.

* [3] COMMENT CARDS (C CARDS) ARE NOW PRINTED IN THE DATA LISTING.

* [4] EXPANDS PRINTOUT OF THE SPECIAL BRIDGE ROUTINE TO INCLUDE TRAPEZOIDAL CALCULATIONS FOR OUTPUT ANALYSIS. STA
* TESTS RELATING TO THE SPECIAL BRIDGE ROUTINE WILL BE AFFECTED BY THIS CHANGE. THE PRINTOUT OF CALCULATED CH
* AREA IS BASED ON THE DEFINED TRAPEZOID UP TO THE BRIDGE WATER SURFACE ELEVATION. CALCULATED CHANNEL AREA SH
* BE CLOSE TO THE VALUE OF THE PREVIOUS SECTION'S CHANNEL AREA. TRAPEZOID/AREA IS THE AREA OF THE TRAPEZOID
* ELLC. TRAPEZOID/AREA SHOULD BE CLOSE TO INPUT ITEM BAREA. PLEASE NOTE THAT NUMERICAL RESULTS WILL NOT BE A

* [5] THE FLOW DISTRIBUTION PRINTOUT MAY NOW BE REQUESTED FOR ANY PARTICULAR SECTION (X2 CARD WITH 15 IN 10TH FIE

* THE PURPOSE OF ERROR CORRECTION 10 IS TO

* [1] ALLOW THE USE OF THE EFFECTIVE AREA OPTION WHEN FLOW IS PRESSURE AND WEIR FLOW.

* [2] CORRECT THE WETTED PERIMETER CALCULATION IN THE NORMAL BRIDGE ROUTINE.

* [3] ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION WHEN CALCULATING CONVEYANCE.

* A FORMAL CHANGE NOTICE CONCERNING THE ABOVE WILL BE MAILED IN APPROXIMATELY ONE MONTH. ANY QUESTIONS ABOUT THESE P
* CHANGES CAN BE DIRECTED TO ALLAN OTO (FTS 448-2105 OR 448-3292).

C FPMS BR CEDAR FALLS CR FAYETTEVILLE NC
 T1 FPMS BR FAYETTEVILLE NC FIS
 T2 100 YR NATURAL
 T3 CEDAR FALLS CR

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | 0 | WSEL | FQ |
|----|--------|----------|----------|----------|----------|---------|----------|----------|--------|--------|
| | -1, | 2, | -0 | 0 | -0 | 0 | -0 | -0 | 35,300 | -0 |
| J2 | NPROF | IPLUT | PREVS | XSECV | XSECH | FN | ALLDC | IHW | CHNIM | ITRACE |
| | 1,000 | -0 | -1,000 | 0 | -0 | -0 | -0 | -0 | -0 | 15,000 |
| J3 | -2,000 | 1,000 | 43,000 | 42,000 | 3,000 | 10,000 | 5,000 | 50,000 | 4,000 | 53,000 |
| J3 | 54,000 | 26,000 | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| ET | -0 | 0 | 110,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NC | .110 | .110 | .060 | .200 | .400 | 0 | 0 | 0 | 0 | 0 |
| QT | 7,000 | 2150,000 | 2150,000 | 2150,000 | 2150,000 | 900,000 | 1675,000 | 3750,000 | 0 | 0 |

*** SURVEYED 25 FT BELOW FALLS ***

| | | | | | | | | | | |
|----|----------|---------|--------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 1,000 | 9,000 | 40,000 | 150,000 | -0 | -0 | -0 | -0 | -19,200 | -0 |
| GR | 82,400 | 30,000 | 58,500 | 40,000 | 52,100 | 50,000 | 49,900 | 60,000 | 48,200 | 100,000 |
| GR | 49,800 | 140,000 | 71,200 | 150,000 | 79,600 | 200,000 | 82,700 | 210,000 | 0 | 0 |
| X1 | 1000,000 | -0 | -0 | -0 | 1000,000 | 1000,000 | 1000,000 | -0 | 4,000 | -0 |
| X1 | 2000,000 | -0 | -0 | -0 | 1000,000 | 1000,000 | 1000,000 | -0 | 3,500 | -0 |
| X1 | 3000,000 | -0 | -0 | -0 | 1000,000 | 1000,000 | 1000,000 | -0 | 3,500 | -0 |
| X1 | 4000,000 | -0 | -0 | -0 | 1000,000 | 1000,000 | 1000,000 | -0 | 3,800 | -0 |

*** AT BASE OF FALLS ***

| | | | | | | | | | | |
|----|----------|----------|----------|----------|----------|----------|----------|----------|-------|----|
| X1 | 5675,000 | -0 | -0 | -0 | 1675,000 | 1675,000 | 1675,000 | -0 | 4,400 | -0 |
| QT | 7,000 | 1700,000 | 1700,000 | 1700,000 | 1700,000 | 680,000 | 1310,000 | 3025,000 | -0 | -0 |
| ET | -0 | -0 | 60,200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** TOP OF FALLS ***

| | | | | | | | | | | |
|----|----------|---------|---------|---------|--------|---------|--------|---------|---------|---------|
| X1 | 5700,000 | 10,000 | 180,000 | 238,000 | 25,000 | 25,000 | 25,000 | -0 | -0 | -0 |
| GR | 100,000 | 0 | 74,700 | 180,000 | 69,400 | 190,000 | 68,900 | 200,000 | 69,400 | 210,000 |
| GR | 73,600 | 238,000 | 75,000 | 250,000 | 78,000 | 300,000 | 80,500 | 325,000 | 100,000 | 400,000 |
| X1 | 5705,000 | 0 | -0 | 0 | 5,000 | 5,000 | 5,000 | -0 | -0 | -0 |
| X1 | 5710,000 | 0 | -0 | -0 | 5,000 | 5,000 | 5,000 | -0 | -0 | -0 |
| X1 | 5725,000 | -0 | -0 | -0 | 15,000 | 15,000 | 15,000 | -0 | -0 | -0 |

X1 5750.000 0 0 0 25.000 25.000 25.000 0 0 0

X1 5800.000 0 0 0 50.000 50.000 50.000 0 0 0

X1 5880.000 11.000 120.000 180.000 80.000 80.000 80.000 0 0 0
GR 100.000 0 94.800 22.000 91.500 50.000 84.700 100.000 83.200 120.000
GR 69.000 150.000 83.200 180.000 83.300 200.000 85.800 250.000 87.200 300.000
GR 100.000 350.000 0 0 0 0 0 0 0 0

X1 6095.000 0 0 0 215.000 215.000 215.000 0 0 0
NC ,070 ,070 ,040 0 0 0 0 0 0

X1 6145.000 14.000 90.000 210.000 50.000 50.000 50.000 0 0 0
X3 10.000 0 0 0 0 0 0 105.000 105.000 0
GR 100.000 0 94.800 22.000 91.500 50.000 87.000 90.000 84.700 100.000
GR 83.200 120.000 69.000 140.000 69.000 160.000 83.200 180.000 83.300 200.000
GR 84.000 210.000 85.800 250.000 87.200 300.000 100.000 350.000 0 0

*** HR TRUSSEL ***

X1 6150.000 21.000 90.000 210.000 5.000 5.000 5.000 0 0 0
X2 0 0 0 102.500 105.000 0 0 0 0 0
GR 105.000 0 105.000 90.000 87.000 90.000 84.700 100.000 83.200 116.000
GR 102.500 116.000 102.500 120.000 69.000 140.000 69.000 147.000 102.500 147.000
GR 102.500 150.000 69.000 150.000 69.000 160.000 83.200 180.000 102.500 180.000
GR 102.500 184.000 83.200 184.000 83.300 200.000 84.000 210.000 105.000 210.000
GR 105.000 350.000 0 0 0 0 0 0 0 0

X1 6170.000 0 0 0 20.000 20.000 20.000 0 0 0
X2 0 0 0 102.500 105.000 0 0 0 0 0

X1 6175.000 14.000 90.000 210.000 5.000 5.000 5.000 0 0 0
X3 10.000 0 0 0 0 0 0 105.000 105.000 0
GR 100.000 0 94.800 22.000 91.500 50.000 87.000 90.000 84.700 100.000
GR 83.200 120.000 69.000 140.000 69.000 160.000 83.200 180.000 83.300 200.000
GR 84.000 210.000 85.800 250.000 87.200 300.000 100.000 350.000 0 0
NC ,110 ,110 ,060 0 0 0 0 0 0

X1 6230.000 11.000 120.000 180.000 55.000 55.000 55.000 0 1.000 0
GR 100.000 0 94.800 22.000 91.500 50.000 84.700 100.000 83.200 120.000
GR 69.000 150.000 83.200 180.000 83.300 200.000 85.800 250.000 87.200 300.000
GR 100.000 350.000 0 0 0 0 0 0 0 0

X1 6500.000 0 0 0 270.000 270.000 270.000 0 5.000 0

X1 7500.000 0 0 0 1000.000 1000.000 1000.000 0 5.300 0
BT 0 0 6.400 0 0 0 0 0 0 0

X1 1026.000 17.000 395.000 405.000 2760.000 2760.000 2760.000 0 -13.200 0
GR 116.200 75.000 114.200 100.000 110.800 150.000 108.600 200.000 106.600 250.000
GR 104.700 300.000 104.200 350.000 102.600 395.000 99.400 399.000 99.400 401.000
GR 103.900 405.000 105.400 450.000 107.700 500.000 109.900 550.000 111.800 600.000
GR 114.800 633.000 116.400 668.000 0 0 0 0 0 0
DT 7.000 1420.000 1420.000 1420.000 1420.000 560.000 1090.000 2570.000 0 0

| | | | | | | | | | | |
|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 10560.000 | -0 | -0 | -0 | 300.000 | 300.000 | 300.000 | -0 | 1.800 | -0 |
| X1 | 11560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5.500 | -0 |
| NC | ,080 | ,080 | ,060 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 12560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5.400 | -0 |
| X1 | 13060.000 | -0 | -0 | -0 | 500.000 | 500.000 | 500.000 | -0 | ,500 | -0 |
| *** US 401 *** | | | | | | | | | | |
| X1 | 13110.000 | 17,000 | 391,000 | 408,000 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| X3 | 10,000 | -0 | -0 | -0 | -0 | -0 | -0 | 109,300 | 110,000 | -0 |
| GR | 116,200 | 75,000 | 114,200 | 100,000 | 110,800 | 150,000 | 108,600 | 200,000 | 106,600 | 250,000 |
| GR | 104,700 | 300,000 | 104,200 | 350,000 | 102,600 | 390,000 | 100,000 | 391,000 | 100,000 | 408,000 |
| GR | 103,900 | 410,000 | 105,400 | 450,000 | 107,700 | 500,000 | 109,900 | 550,000 | 111,800 | 600,000 |
| GR | 114,800 | 633,000 | 116,400 | 668,000 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1,250 | 1,680 | 215,000 | -0 | 17,000 | 1,000 | 96,000 | -0 | 100,300 | 100,000 |
| X1 | 13210.000 | -0 | -0 | -0 | 100,000 | 100,000 | 100,000 | -0 | ,300 | -0 |
| X2 | -0 | -0 | 1,000 | 106,300 | 109,300 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10,000 | -0 | -0 | -0 | -0 | -0 | -0 | 109,300 | 110,000 | -0 |
| BT | 14,000 | 75,000 | 116,200 | -0 | 100,000 | 114,200 | -0 | 150,000 | 110,600 | -0 |
| RT | 200,000 | 110,700 | -0 | 250,000 | 109,900 | -0 | 300,000 | 109,300 | -0 | 391,000 |
| RT | 110,000 | -0 | 408,000 | 110,000 | -0 | 450,000 | 110,900 | -0 | 500,000 | 112,200 |
| HT | -0 | 550,000 | 113,400 | -0 | 600,000 | 114,800 | -0 | 625,000 | 115,600 | -0 |
| BT | 668,000 | 116,400 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7,000 | 1290,000 | 1290,000 | 1290,000 | 1290,000 | 500,000 | 990,000 | 2350,000 | -0 | -0 |
| NC | ,110 | ,110 | ,060 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 13260.000 | 17,000 | 395,000 | 405,000 | 50,000 | 50,000 | 50,000 | -0 | 1,000 | -0 |
| GR | 116,200 | 75,000 | 114,200 | 100,000 | 110,800 | 150,000 | 108,600 | 200,000 | 106,600 | 250,000 |
| GR | 104,700 | 300,000 | 104,200 | 350,000 | 102,600 | 395,000 | 99,400 | 399,000 | 99,400 | 401,000 |
| GR | 103,900 | 405,000 | 105,400 | 450,000 | 107,700 | 500,000 | 109,900 | 550,000 | 111,800 | 600,000 |
| GR | 114,800 | 633,000 | 116,400 | 668,000 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 13760.000 | 20,000 | 467,000 | 481,000 | 500,000 | 500,000 | 500,000 | -0 | -3,100 | -0 |
| GR | 138,000 | 0 | 131,100 | 12,000 | 128,400 | 71,000 | 127,500 | 100,000 | 125,500 | 200,000 |
| GR | 124,200 | 300,000 | 120,200 | 375,000 | 114,900 | 400,000 | 108,600 | 431,000 | 108,900 | 467,000 |
| GR | 106,300 | 469,000 | 105,500 | 474,000 | 107,500 | 479,000 | 109,100 | 481,000 | 108,500 | 500,000 |
| GR | 108,900 | 527,000 | 118,700 | 580,000 | 120,100 | 600,000 | 124,700 | 700,000 | 124,800 | 800,000 |
| X1 | 14560.000 | -0 | -0 | -0 | 800,000 | 800,000 | 800,000 | -0 | 3,100 | -0 |
| X1 | 15560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5,700 | -0 |
| X1 | 16560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5,800 | -0 |
| X1 | 17690.000 | 26,000 | 567,000 | 585,000 | 1130,000 | 1130,000 | 1130,000 | -0 | -0 | -0 |
| GR | 161,800 | 0 | 150,800 | 100,000 | 142,100 | 200,000 | 133,900 | 300,000 | 130,100 | 340,000 |
| GR | 128,500 | 400,000 | 125,800 | 500,000 | 125,200 | 567,000 | 123,600 | 570,000 | 122,800 | 572,000 |
| GR | 123,600 | 575,000 | 124,800 | 578,000 | 125,200 | 585,000 | 126,100 | 600,000 | 132,200 | 700,000 |
| GR | 134,200 | 814,000 | 135,500 | 900,000 | 135,700 | 1000,000 | 135,500 | 1100,000 | 135,700 | 1152,000 |
| GR | 136,700 | 1200,000 | 140,900 | 1300,000 | 146,400 | 1400,000 | 151,700 | 1500,000 | 157,200 | 1600,000 |

| | | | | | | | | | | |
|----|---------|----------|----------|----------|----------|---------|---------|----------|----|----|
| GR | 163.000 | 1700.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 1060.000 | 1060.000 | 1060.000 | 1060.000 | 350.000 | 790.000 | 2035.000 | -0 | -0 |
| NC | .100 | .100 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** WOODED LAKE DAM ***

*** Q#S REDUCED BY 100 CFS TO ADJUST FOR PIPE DISCHARGE ***

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17740.000 | 14.000 | 567.000 | 585.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| GR | 165.800 | 0 | 153.000 | 100.000 | 145.000 | 200.000 | 139.000 | 300.000 | 135.000 | 567.000 |
| GR | 132.800 | 567.000 | 132.800 | 585.000 | 134.000 | 585.000 | 134.000 | 700.000 | 136.500 | 1200.000 |
| GR | 140.000 | 1300.000 | 146.000 | 1400.000 | 140.000 | 1500.000 | 154.000 | 1600.000 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17752.000 | 20.000 | 567.000 | 583.000 | 12.000 | 12.000 | 12.000 | -0 | -0 | -0 |
| RT | 2.000 | 567.000 | 135.300 | 134.800 | 583.000 | 135.300 | 134.800 | -0 | -0 | -0 |
| GR | 165.800 | 0 | 153.900 | 100.000 | 145.200 | 200.000 | 140.000 | 300.000 | 135.400 | 337.000 |
| GR | 135.300 | 367.000 | 135.300 | 567.000 | 132.800 | 567.000 | 132.800 | 583.000 | 135.300 | 583.000 |
| GR | 134.900 | 616.000 | 134.600 | 700.000 | 135.000 | 750.000 | 135.900 | 900.000 | 136.500 | 1000.000 |
| GR | 136.700 | 1100.000 | 137.200 | 1200.000 | 141.700 | 1300.000 | 146.400 | 1400.000 | 149.400 | 1500.000 |

| | | | | | | | | | | |
|----|-----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 17765.000 | -0 | -0 | -0 | 15.000 | 13.000 | 13.000 | -0 | -0 | -0 |
| X2 | -0 | -0 | -0 | -0 | -0 | -0 | 1.000 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 17780.000 | 14.000 | 567.000 | 585.000 | 15.000 | 15.000 | 15.000 | -0 | -0 | -0 |
| GR | 165.800 | 0 | 153.000 | 100.000 | 145.000 | 200.000 | 139.000 | 300.000 | 135.000 | 567.000 |
| GR | 132.800 | 567.000 | 132.800 | 585.000 | 134.000 | 585.000 | 134.000 | 700.000 | 136.500 | 1200.000 |
| GR | 140.000 | 1300.000 | 146.000 | 1400.000 | 149.000 | 1500.000 | 154.000 | 1600.000 | -0 | -0 |
| QT | 7.000 | 1160.000 | 1160.000 | 1160.000 | 1160.000 | 450.000 | 890.000 | 2135.000 | -0 | -0 |

*** NORMAL Q#S RESTORED ***

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17830.000 | 26.000 | 300.000 | 700.000 | 50.000 | 50.000 | 50.000 | -0 | .300 | -0 |
| GR | 161.800 | 0 | 150.800 | 100.000 | 142.100 | 200.000 | 133.900 | 300.000 | 130.100 | 340.000 |
| GR | 128.500 | 400.000 | 125.800 | 500.000 | 125.200 | 567.000 | 123.600 | 570.000 | 122.800 | 572.000 |
| GR | 123.600 | 575.000 | 124.800 | 578.000 | 125.200 | 585.000 | 126.100 | 600.000 | 132.200 | 700.000 |
| GR | 134.200 | 814.000 | 135.500 | 900.000 | 135.700 | 1000.000 | 135.500 | 1100.000 | 135.700 | 1152.000 |
| GR | 136.700 | 1200.000 | 140.900 | 1300.000 | 146.400 | 1400.000 | 151.700 | 1500.000 | 157.200 | 1600.000 |
| GR | 163.000 | 1700.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 17835.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 17840.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|------|------|----|-------|-------|-------|----|----|----|
| X1 | 17845.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
| NC | .110 | .110 | .070 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** UPPER END OF LAKE

| | | | | | | | | | | |
|----|-----------|----|----|----|----------|----------|----------|-------|-------|----|
| X1 | 19440.000 | -0 | -0 | -0 | 1595.000 | 1595.000 | 1595.000 | 2.000 | 9.000 | -0 |
|----|-----------|----|----|----|----------|----------|----------|-------|-------|----|

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 20460.000 | 10.000 | 316.000 | 330.000 | 1020.000 | 1020.000 | 1020.000 | 2.000 | -3.700 | -0 |
| GR | 160.000 | 0 | 151.900 | 50.000 | 147.900 | 150.000 | 143.100 | 203.000 | 143.300 | 250.000 |
| GR | 142.800 | 316.000 | 142.000 | 322.000 | 141.600 | 324.000 | 142.100 | 327.000 | 143.000 | 330.000 |
| GR | 143.100 | 350.000 | 144.600 | 450.000 | 140.500 | 550.000 | 153.000 | 650.000 | 158.300 | 750.000 |
| GR | 168.300 | 850.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 9.100 | -0 | -0 | -0 | -0 | -0 | 180.000 | 440.000 |

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|----------|-------|----|
| X1 | 21040.000 | -0 | -0 | -0 | 580.000 | 580.000 | 580.000 | .500 | 2.900 | -0 |
| NC | .100 | .100 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 975.000 | 975.000 | 975.000 | 975.000 | 370.000 | 735.000 | 1800.000 | -0 | -0 |
| ET | -0 | -0 | 6.400 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** DAM OF 2ND LAKE ***

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 21090.000 | 16.000 | 322.000 | 326.000 | 50.000 | 50.000 | 50.000 | -0 | .600 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 163.600 | 165.200 | -0 |
| GR | 160.000 | 0 | 151.900 | 50.000 | 147.900 | 150.000 | 143.100 | 203.000 | 143.300 | 250.000 |
| GR | 142.800 | 316.000 | 142.000 | 322.000 | 141.600 | 324.000 | 142.100 | 326.000 | 143.000 | 330.000 |
| GR | 143.100 | 350.000 | 144.600 | 450.000 | 148.500 | 550.000 | 153.000 | 650.000 | 158.300 | 750.000 |
| GR | 168.300 | 850.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1.000 | 3.800 | 2.500 | -0 | 4.000 | .700 | 15.000 | -0 | 143.400 | 141.700 |

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|----------|---------|----------|----------|---------|---------|
| X1 | 21230.000 | -0 | -0 | -0 | 140.000 | 140.000 | 140.000 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1.000 | 146.200 | 163.600 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 163.600 | 165.200 | -0 |
| RT | 16.000 | 0 | 169.400 | -0 | 100.000 | 165.800 | -0 | 200.000 | 165.000 | -0 |
| BT | 274.000 | 163.600 | -0 | 300.000 | 165.200 | -0 | 400.000 | 166.700 | -0 | 456.000 |
| BT | 166.100 | -0 | 500.000 | 165.500 | -0 | 600.000 | 165.800 | -0 | 900.000 | 166.100 |
| BT | -0 | 1000.000 | 166.900 | -0 | 1100.000 | 167.600 | -0 | 1185.000 | 166.800 | -0 |
| BT | 1200.000 | 166.500 | -0 | 1300.000 | 172.600 | -0 | 1400.000 | 180.200 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 21280.000 | 16.000 | 50.000 | 750.000 | 50.000 | 50.000 | 50.000 | -0 | .600 | -0 |
| GR | 170.000 | 0 | 151.900 | 50.000 | 147.900 | 150.000 | 143.100 | 203.000 | 143.300 | 250.000 |
| GR | 142.800 | 316.000 | 142.000 | 322.000 | 141.600 | 324.000 | 142.100 | 327.000 | 143.000 | 330.000 |
| GR | 143.100 | 350.000 | 144.600 | 450.000 | 148.500 | 550.000 | 153.000 | 650.000 | 158.300 | 750.000 |
| GR | 168.300 | 850.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21285.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21290.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21295.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21300.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|----------|----------|----------|----------|-------|----|
| X1 | 22760.000 | -0 | -0 | -0 | 1460.000 | 1460.000 | 1460.000 | -0 | 6.000 | -0 |
| QT | 7.000 | 670.000 | 670.000 | 670.000 | 670.000 | 240.000 | 500.000 | 1290.000 | -0 | -0 |
| NC | .100 | .100 | .070 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** UPPER END

| | | | | | | | | | | |
|----|-----------|----|--------|----|----------|----------|----------|----|-------|----|
| X1 | 23960.000 | -0 | -0 | -0 | 1200.000 | 1200.000 | 1200.000 | -0 | 6.800 | -0 |
| ET | -0 | -0 | 50.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|---------|
| X1 | 24440.000 | 24.000 | 696.000 | 718.000 | 480.000 | 480.000 | 480.000 | -0 | -3.000 | -0 |
| GR | 205.500 | 0 | 199.900 | 100.000 | 191.400 | 200.000 | 185.800 | 300.000 | 182.700 | 400.000 |
| GR | 178.800 | 500.000 | 178.300 | 515.000 | 176.700 | 524.000 | 173.500 | 600.000 | 167.600 | 696.000 |
| GR | 165.100 | 700.000 | 164.200 | 712.000 | 165.700 | 717.000 | 167.700 | 718.000 | 168.300 | 727.000 |
| GR | 174.100 | 800.000 | 178.400 | 848.000 | 178.400 | 891.000 | 179.800 | 900.000 | 180.500 | 913.000 |
| GR | 180.200 | 1000.000 | 193.000 | 1100.000 | 206.100 | 1200.000 | 212.800 | 1291.000 | -0 | -0 |
| ET | -0 | -0 | 9.100 | -0 | -0 | -0 | -0 | -0 | 650.000 | 750.000 |

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR COPRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMs BR FAYETTEVILLE NC FIS
 T2 FLOODWAYS
 T3 CEDAR FALLS CR

| | | | | | | | | | | |
|----|--------|-------|--------|-------|-------|--------|-------|-----|--------|--------|
| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | HVINS | 0 | WSEL | FO |
| | -10. | 3. | -0 | -0 | -0 | -0 | -0 | -0 | 36,300 | -0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15,000 | -0 | -1,000 | -0 | -0 | -0 | -0 | -0 | -0 | 15,000 |

*PROF 2

CCHV= .200 CEHV= .400
 *SECNO 1.000

| SECNO | DEPTH | CWSEL | CRWS | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|-------|-------|-------|-------|--------|------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROH | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |

3470 ENCROACHMENT STATIONS= 40,0 150,0 TYPE= 2 TARGET= 110,000

*** SURVEYED 25 FT BELOW FALLS ***

| | | | | | | | | | |
|---------|------|-------|----|-------|-------|------|---|-------|----------|
| 1.00 | 7.30 | 36.30 | 0 | 35.30 | 36.51 | .21 | 0 | 0 | 39.30 |
| 2150. | 0 | 2150. | 0 | 0 | 580. | 0 | 0 | 0 | 99980.80 |
| 0 | 0 | 3.71 | 0 | .110 | .060 | .110 | 0 | 29.00 | 44.69 |
| .002238 | -0 | -0 | -0 | 0 | 0 | 1 | 0 | 97.98 | 142.66 |

FLOW DISTRIBUTION

STA= 45, 150,
 PER Q= 100.0
 AREA= 579.6
 VEL= 3.7

*SECNO 1000.000

| | | | | | | |
|-----------------------------|-------|-------|-------|-------|---------|-----------------------|
| 3470 ENCROACHMENT STATIONS= | 40,0 | 150,0 | TYPE= | 2 | TARGET= | 110,000 |
| 1000.00 | 6.22 | 39.22 | 0 | 39.28 | 39.54 | .32 2.98 .04 43.30 |
| 2150. | 0 | 2150. | 0 | 0 | 475. | 0 12. 2. 100000.00 |
| .06 | 0 | 4.53 | 0 | .110 | .060 | .110 .060 33.00 46.38 |
| .004176 | 1000. | 1000. | 1000. | 2 | 0 | 1 0 95.78 142.16 |

FLOW DISTRIBUTION

STA= 46, 150,

11/2/76

SUMMARY PRINTOUT

CEDAR FALLS CR

| SECNO | CWSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|---------|-------|---------|-------|-------|------|--------|--------|--------|--------|--------|------|
| 1.00 | 33.12 | 900.00 | 29.00 | 33.28 | .16 | 40.01 | 0 | 91.51 | 49.66 | 141.18 | 3.2 |
| 1.00 | 34.54 | 1675.00 | 29.00 | 34.80 | .26 | 39.94 | 1.43 | 94.41 | 47.43 | 141.84 | 4.0 |
| 1.00 | 35.29 | 2150.00 | 29.00 | 35.60 | .31 | 39.90 | .74 | 95.92 | 46.27 | 142.19 | 4.4 |
| 1.00 | 37.40 | 3750.00 | 29.00 | 37.86 | .46 | 39.97 | 2.11 | 100.21 | 42.97 | 143.18 | 5.4 |
| 1000.00 | 37.11 | 900.00 | 33.00 | 37.28 | .16 | 39.98 | 0 | 91.51 | 49.66 | 141.18 | 3.2 |
| 1000.00 | 38.55 | 1675.00 | 33.00 | 38.81 | .26 | 40.12 | 1.43 | 94.40 | 47.44 | 141.84 | 4.0 |
| 1000.00 | 39.28 | 2150.00 | 33.00 | 39.59 | .31 | 40.00 | .74 | 95.92 | 46.27 | 142.19 | 4.4 |
| 1000.00 | 41.40 | 3750.00 | 33.00 | 41.86 | .46 | 40.03 | 2.12 | 100.20 | 42.98 | 143.18 | 5.4 |
| 2000.00 | 40.79 | 900.00 | 36.50 | 40.93 | .15 | 33.50 | 0 | 91.86 | 49.39 | 141.26 | 3.0 |
| 2000.00 | 42.27 | 1675.00 | 36.50 | 42.50 | .23 | 34.06 | 1.48 | 94.87 | 47.08 | 141.95 | 3.8 |
| 2000.00 | 43.02 | 2150.00 | 36.50 | 43.31 | .28 | 34.45 | .76 | 96.41 | 45.89 | 142.30 | 4.2 |
| 2000.00 | 45.19 | 3750.00 | 36.50 | 45.62 | .42 | 35.16 | 2.17 | 100.80 | 42.51 | 143.31 | 5.2 |
| 3000.00 | 44.23 | 900.00 | 40.00 | 44.38 | .15 | 35.36 | 0 | 91.75 | 49.48 | 141.23 | 3.1 |
| 3000.00 | 45.73 | 1675.00 | 40.00 | 45.97 | .24 | 35.25 | 1.50 | 94.77 | 47.16 | 141.93 | 3.9 |
| 3000.00 | 46.50 | 2150.00 | 40.00 | 46.78 | .29 | 35.10 | .77 | 96.35 | 45.94 | 142.29 | 4.2 |
| 3000.00 | 48.70 | 3750.00 | 40.00 | 49.12 | .42 | 35.01 | 2.20 | 100.82 | 42.50 | 143.32 | 5.2 |
| 4000.00 | 47.94 | 900.00 | 43.80 | 48.10 | .16 | 39.12 | 0 | 91.56 | 49.63 | 141.19 | 3.2 |
| 4000.00 | 49.40 | 1675.00 | 43.80 | 49.65 | .25 | 38.38 | 1.46 | 94.53 | 47.34 | 141.87 | 4.0 |
| 4000.00 | 50.15 | 2150.00 | 43.80 | 50.46 | .30 | 38.30 | .76 | 96.06 | 46.16 | 142.22 | 4.4 |
| 4000.00 | 52.33 | 3750.00 | 43.80 | 52.77 | .44 | 37.80 | 2.17 | 100.46 | 42.77 | 143.24 | 5.3 |
| 5675.00 | 52.90 | 900.00 | 48.20 | 53.01 | .11 | 22.75 | 0 | 92.69 | 48.75 | 141.45 | 2.7 |
| 5675.00 | 54.50 | 1675.00 | 48.20 | 54.68 | .19 | 24.06 | 1.60 | 95.94 | 46.25 | 142.20 | 3.4 |
| 5675.00 | 55.32 | 2150.00 | 48.20 | 55.55 | .23 | 24.60 | .82 | 97.62 | 44.96 | 142.58 | 3.8 |
| 5675.00 | 57.64 | 3750.00 | 48.20 | 57.98 | .35 | 25.90 | 2.31 | 102.31 | 41.35 | 143.66 | 4.7 |
| 5700.00 | 71.95 | 680.00 | 68.90 | 72.97 | 1.02 | 434.39 | 0 | 41.84 | 185.18 | 227.02 | 8.1 |
| 5700.00 | 73.15 | 1310.00 | 68.90 | 74.51 | 1.36 | 394.14 | 1.19 | 52.04 | 182.93 | 234.98 | 9.3 |
| 5700.00 | 73.71 | 1700.00 | 68.90 | 75.25 | 1.54 | 380.94 | .56 | 57.05 | 181.87 | 238.92 | 9.9 |
| 5700.00 | 75.25 | 3025.00 | 68.90 | 77.31 | 2.06 | 307.28 | 1.55 | 78.18 | 176.06 | 254.24 | 11.5 |
| 5705.00 | 72.67 | 680.00 | 68.90 | 73.20 | .54 | 178.85 | 0 | 47.90 | 183.85 | 231.74 | 5.8 |
| 5705.00 | 73.98 | 1310.00 | 68.90 | 74.75 | .77 | 171.48 | 1.31 | 59.92 | 181.35 | 241.28 | 7.0 |
| 5705.00 | 74.59 | 1700.00 | 68.90 | 75.50 | .91 | 167.19 | .61 | 66.28 | 180.21 | 246.48 | 7.6 |
| 5705.00 | 76.31 | 3025.00 | 68.90 | 77.57 | 1.27 | 145.66 | 1.72 | 103.14 | 168.59 | 271.73 | 9.1 |
| 5710.00 | 72.82 | 680.00 | 68.90 | 73.30 | .47 | 150.70 | 0 | 49.21 | 183.56 | 232.77 | 5.5 |
| 5710.00 | 74.14 | 1310.00 | 68.90 | 74.84 | .70 | 149.07 | 1.32 | 61.46 | 181.08 | 242.54 | 6.7 |
| 5710.00 | 74.76 | 1700.00 | 68.90 | 75.59 | .84 | 145.42 | .62 | 68.31 | 179.60 | 247.91 | 7.3 |
| 5710.00 | 76.50 | 3025.00 | 68.90 | 77.66 | 1.16 | 128.08 | 1.74 | 107.85 | 167.18 | 275.03 | 8.8 |
| 5725.00 | 73.14 | 680.00 | 68.90 | 73.51 | .37 | 107.14 | 0 | 51.97 | 182.95 | 234.92 | 4.8 |
| 5725.00 | 74.48 | 1310.00 | 68.90 | 75.06 | .57 | 108.57 | 1.35 | 65.17 | 180.41 | 245.58 | 6.0 |
| 5725.00 | 75.11 | 1700.00 | 68.90 | 75.81 | .70 | 108.60 | .63 | 74.78 | 177.08 | 251.85 | 6.7 |
| 5725.00 | 76.88 | 3025.00 | 68.90 | 77.87 | .99 | 100.93 | 1.77 | 116.92 | 164.47 | 281.39 | 8.1 |
| 5750.00 | 73.46 | 680.00 | 68.90 | 73.75 | .29 | 77.99 | 0 | 54.73 | 182.34 | 237.07 | 4.3 |
| 5750.00 | 74.83 | 1310.00 | 68.90 | 75.31 | .48 | 80.87 | 1.38 | 69.53 | 179.05 | 246.58 | 5.5 |
| 5750.00 | 75.48 | 1700.00 | 68.90 | 76.06 | .58 | 81.57 | .65 | 83.02 | 174.43 | 258.05 | 6.1 |
| 5750.00 | 77.29 | 3025.00 | 68.90 | 78.12 | .83 | 79.36 | 1.80 | 126.52 | 161.60 | 288.11 | 7.5 |

| SECNO | CWSEL | Q | ELMIN | FG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|-----------|-------|---------|-------|-------|------|--------|--------|--------|--------|--------|------|
| 5800.00 | 73.85 | 680.00 | 68.90 | 74.08 | .22 | 52.45 | 0 | 58.58 | 181.60 | 240.18 | 3.8 |
| 5800.00 | 75.28 | 1310.00 | 68.90 | 75.66 | .38 | 56.30 | 1.43 | 78.90 | 175.84 | 254.74 | 4.9 |
| 5800.00 | 75.96 | 1700.00 | 68.90 | 76.43 | .47 | 58.03 | .68 | 94.93 | 171.05 | 265.98 | 5.5 |
| 5800.00 | 77.82 | 3025.00 | 68.90 | 78.49 | .67 | 58.76 | 1.85 | 139.15 | 157.82 | 296.97 | 6.8 |
| * 5880.00 | 74.75 | 680.00 | 69.00 | 76.22 | 1.48 | 434.18 | 0 | 24.28 | 137.86 | 162.54 | 9.7 |
| * 5880.00 | 76.47 | 1310.00 | 69.00 | 78.39 | 1.92 | 398.21 | 1.72 | 31.55 | 134.22 | 165.78 | 11.1 |
| * 5880.00 | 77.29 | 1700.00 | 69.00 | 79.42 | 2.13 | 384.73 | .82 | 35.02 | 132.49 | 167.51 | 11.7 |
| * 5880.00 | 79.44 | 3025.00 | 69.00 | 82.12 | 2.68 | 356.18 | 2.15 | 44.10 | 127.95 | 172.05 | 13.1 |
| 6095.00 | 78.13 | 680.00 | 69.00 | 78.36 | .23 | 36.67 | 0 | 38.59 | 130.71 | 169.29 | 3.8 |
| 6095.00 | 80.40 | 1310.00 | 69.00 | 80.75 | .35 | 41.76 | 2.26 | 48.16 | 125.92 | 174.08 | 4.7 |
| 6095.00 | 81.45 | 1700.00 | 69.00 | 81.87 | .42 | 43.87 | 1.06 | 52.61 | 123.69 | 176.31 | 5.1 |
| 6095.00 | 84.07 | 3025.00 | 69.00 | 84.68 | .61 | 46.22 | 2.62 | 107.13 | 108.35 | 215.48 | 6.2 |
| 6145.00 | 78.36 | 680.00 | 69.00 | 78.43 | .07 | 3.23 | 0 | 46.37 | 126.82 | 173.18 | 2.1 |
| 6145.00 | 80.70 | 1310.00 | 69.00 | 80.85 | .15 | 5.03 | 2.34 | 52.96 | 123.52 | 176.48 | 3.0 |
| 6145.00 | 81.79 | 1700.00 | 69.00 | 81.98 | .19 | 5.95 | 1.09 | 56.03 | 121.99 | 178.01 | 3.5 |
| 6145.00 | 84.56 | 3025.00 | 69.00 | 84.86 | .29 | 12.63 | 2.77 | 108.23 | 101.77 | 210.00 | 4.3 |
| 6150.00 | 78.34 | 680.00 | 69.00 | 78.45 | .12 | 8.93 | 0 | 35.72 | 134.43 | 173.15 | 2.7 |
| 6150.00 | 80.65 | 1310.00 | 69.00 | 80.89 | .24 | 14.92 | 2.31 | 40.36 | 133.05 | 176.41 | 3.9 |
| 6150.00 | 81.72 | 1700.00 | 69.00 | 82.03 | .31 | 18.17 | 1.07 | 42.51 | 132.41 | 177.92 | 4.4 |
| 6150.00 | 84.45 | 3025.00 | 69.00 | 84.95 | .49 | 36.22 | 2.73 | 85.59 | 102.63 | 210.00 | 5.6 |
| 6170.00 | 78.35 | 680.00 | 69.00 | 78.47 | .12 | 8.89 | 0 | 35.75 | 134.42 | 173.17 | 2.7 |
| 6170.00 | 80.68 | 1310.00 | 69.00 | 80.92 | .24 | 14.80 | 2.33 | 40.41 | 133.03 | 176.44 | 3.9 |
| 6170.00 | 81.76 | 1700.00 | 69.00 | 82.07 | .31 | 18.00 | 1.08 | 42.57 | 132.39 | 177.96 | 4.4 |
| 6170.00 | 84.54 | 3025.00 | 69.00 | 85.02 | .48 | 35.11 | 2.78 | 86.58 | 101.70 | 210.00 | 5.5 |
| 6175.00 | 78.41 | 680.00 | 69.00 | 78.48 | .07 | 3.17 | 0 | 46.51 | 126.75 | 173.25 | 2.1 |
| 6175.00 | 80.80 | 1310.00 | 69.00 | 80.94 | .14 | 4.87 | 2.39 | 53.23 | 123.38 | 176.62 | 3.0 |
| 6175.00 | 81.92 | 1700.00 | 69.00 | 82.10 | .18 | 5.73 | 1.12 | 56.38 | 121.81 | 178.19 | 3.4 |
| 6175.00 | 84.80 | 3025.00 | 69.00 | 85.07 | .27 | 11.48 | 2.88 | 110.44 | 99.56 | 210.00 | 4.1 |
| 6230.00 | 78.30 | 680.00 | 70.00 | 78.64 | .34 | 61.18 | 0 | 35.06 | 132.47 | 167.53 | 4.6 |
| 6230.00 | 80.67 | 1310.00 | 70.00 | 81.13 | .46 | 59.27 | 2.38 | 45.10 | 127.45 | 172.55 | 5.4 |
| 6230.00 | 81.79 | 1700.00 | 70.00 | 82.31 | .52 | 58.77 | 1.11 | 49.80 | 125.10 | 174.90 | 5.7 |
| 6230.00 | 84.67 | 3025.00 | 70.00 | 85.36 | .68 | 55.41 | 2.88 | 93.73 | 113.71 | 207.44 | 6.6 |
| 6500.00 | 81.02 | 680.00 | 75.00 | 82.24 | 1.22 | 337.80 | 0 | 25.45 | 137.28 | 162.72 | 8.8 |
| 6500.00 | 83.05 | 1310.00 | 75.00 | 84.47 | 1.42 | 266.56 | 2.03 | 34.02 | 132.99 | 167.01 | 9.5 |
| 6500.00 | 84.04 | 1700.00 | 75.00 | 85.55 | 1.50 | 241.49 | .99 | 38.21 | 130.89 | 169.11 | 9.8 |
| 6500.00 | 86.61 | 3025.00 | 75.00 | 88.36 | 1.76 | 202.19 | 2.56 | 49.04 | 125.48 | 174.52 | 10.6 |
| 7500.00 | 89.67 | 680.00 | 80.30 | 89.88 | .21 | 31.75 | 0 | 39.65 | 130.18 | 169.82 | 3.6 |
| 7500.00 | 92.04 | 1310.00 | 80.30 | 92.35 | .31 | 35.72 | 2.36 | 49.59 | 125.21 | 174.79 | 4.5 |
| 7500.00 | 93.12 | 1700.00 | 80.30 | 93.49 | .37 | 37.48 | 1.08 | 54.19 | 122.91 | 177.09 | 4.8 |
| 7500.00 | 95.71 | 3025.00 | 80.30 | 96.26 | .55 | 39.93 | 2.59 | 118.18 | 103.93 | 222.11 | 6.0 |
| 1026.00 | 94.33 | 680.00 | 86.20 | 94.35 | .03 | 9.67 | 0 | 269.38 | 226.84 | 496.22 | 2.2 |
| 1026.00 | 96.17 | 1310.00 | 86.20 | 96.19 | .02 | 7.20 | 1.84 | 355.43 | 182.51 | 537.94 | 2.2 |
| 1026.00 | 97.08 | 1700.00 | 86.20 | 97.10 | .02 | 6.41 | .91 | 398.09 | 161.86 | 559.95 | 2.3 |
| 1026.00 | 99.44 | 3025.00 | 86.20 | 99.47 | .03 | 5.20 | 2.36 | 486.32 | 122.93 | 609.25 | 2.4 |

| SFCNO | CWSEL | O | ELMIN | EG | HV | 10K*S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|----------|--------|---------|--------|--------|------|--------|--------|--------|--------|--------|------|
| 10560.00 | 94.76 | 560.00 | 88.00 | 94.84 | .08 | 33.17 | 0 | 204.73 | 261.70 | 466.43 | 3.5 |
| 10560.00 | 96.46 | 1090.00 | 88.00 | 96.51 | .05 | 17.81 | 1.71 | 285.31 | 218.41 | 503.72 | 3.1 |
| 10560.00 | 97.33 | 1420.00 | 88.00 | 97.37 | .04 | 14.00 | .87 | 326.34 | 197.06 | 523.40 | 3.0 |
| 10560.00 | 99.63 | 2570.00 | 88.00 | 99.67 | .04 | 9.11 | 2.30 | 433.19 | 146.59 | 579.78 | 2.9 |
| 11560.00 | 99.65 | 560.00 | 93.50 | 99.85 | .20 | 82.54 | 0 | 175.41 | 277.75 | 453.16 | 5.1 |
| 11560.00 | 100.17 | 1090.00 | 93.50 | 100.52 | .35 | 142.24 | .52 | 200.43 | 264.05 | 464.48 | 7.3 |
| 11560.00 | 100.46 | 1420.00 | 93.50 | 100.86 | .40 | 161.07 | .28 | 214.83 | 256.17 | 470.99 | 8.0 |
| 11560.00 | 101.71 | 2570.00 | 93.50 | 102.06 | .35 | 126.94 | 1.26 | 273.33 | 224.73 | 498.06 | 8.2 |
| 12560.00 | 105.26 | 560.00 | 98.90 | 105.35 | .10 | 38.99 | 0 | 185.69 | 272.12 | 457.81 | 3.6 |
| 12560.00 | 106.35 | 1090.00 | 98.90 | 106.44 | .09 | 31.85 | 1.09 | 237.91 | 243.67 | 481.59 | 3.8 |
| 12560.00 | 106.83 | 1420.00 | 98.90 | 106.93 | .10 | 31.14 | .48 | 260.17 | 231.77 | 491.94 | 3.9 |
| 12560.00 | 107.93 | 2570.00 | 98.90 | 108.06 | .13 | 34.48 | 1.10 | 312.37 | 204.24 | 516.60 | 4.6 |
| 13060.00 | 106.44 | 560.00 | 99.40 | 106.48 | .04 | 14.32 | 0 | 218.34 | 254.24 | 472.58 | 2.4 |
| 13060.00 | 107.48 | 1090.00 | 99.40 | 107.53 | .05 | 15.58 | 1.04 | 267.28 | 227.97 | 495.25 | 2.8 |
| 13060.00 | 107.97 | 1420.00 | 99.40 | 108.02 | .06 | 16.14 | .49 | 290.34 | 215.77 | 506.12 | 3.0 |
| 13060.00 | 109.21 | 2570.00 | 99.40 | 109.29 | .08 | 18.01 | 1.24 | 348.13 | 186.16 | 534.29 | 3.5 |
| 13110.00 | 106.32 | 560.00 | 100.00 | 106.74 | .42 | 41.27 | 0 | 17.00 | 391.00 | 408.00 | 5.2 |
| 13110.00 | 106.87 | 1090.00 | 100.00 | 108.22 | 1.35 | 120.46 | .54 | 17.00 | 391.00 | 408.00 | 9.3 |
| 13110.00 | 108.79 | 1420.00 | 100.00 | 109.14 | 2.34 | 210.92 | -.07 | 17.00 | 391.00 | 408.00 | 12.2 |
| 13110.00 | 109.59 | 2570.00 | 100.00 | 109.75 | .16 | 18.03 | 2.80 | 230.61 | 177.39 | 408.00 | 4.7 |
| 13210.00 | 106.81 | 560.00 | 100.30 | 107.21 | .40 | 37.54 | 0 | 17.00 | 391.00 | 408.00 | 5.0 |
| 13210.00 | 109.41 | 1090.00 | 100.30 | 109.45 | .04 | 4.41 | 2.60 | 219.66 | 188.34 | 408.00 | 2.2 |
| 13210.00 | 109.48 | 1420.00 | 100.30 | 109.54 | .06 | 7.18 | .06 | 221.09 | 186.91 | 408.00 | 2.9 |
| 13210.00 | 109.57 | 2570.00 | 100.30 | 109.76 | .19 | 22.05 | .10 | 223.36 | 184.64 | 408.00 | 5.1 |
| 13260.00 | 107.37 | 500.00 | 100.40 | 107.41 | .05 | 19.91 | 0 | 214.94 | 256.10 | 471.04 | 2.8 |
| 13260.00 | 109.46 | 990.00 | 100.40 | 109.48 | .03 | 8.57 | 2.09 | 313.58 | 203.60 | 517.18 | 2.3 |
| 13260.00 | 109.55 | 1290.00 | 100.40 | 109.59 | .04 | 13.46 | .09 | 317.97 | 201.30 | 519.27 | 2.9 |
| 13260.00 | 109.80 | 2350.00 | 100.40 | 109.91 | .11 | 36.12 | .25 | 329.61 | 195.42 | 525.03 | 4.9 |
| 13760.00 | 108.39 | 500.00 | 102.40 | 108.45 | .07 | 21.39 | 0 | 124.13 | 416.83 | 540.96 | 2.9 |
| 13760.00 | 110.04 | 990.00 | 102.40 | 110.13 | .08 | 19.67 | 1.66 | 141.32 | 408.64 | 549.95 | 3.4 |
| 13760.00 | 110.41 | 1290.00 | 102.40 | 110.52 | .11 | 25.80 | .37 | 145.10 | 406.84 | 551.93 | 4.0 |
| 13760.00 | 111.64 | 2350.00 | 102.40 | 111.85 | .21 | 39.98 | 1.23 | 157.80 | 400.78 | 558.59 | 5.6 |
| 14560.00 | 110.80 | 500.00 | 105.50 | 110.93 | .13 | 47.41 | 0 | 117.09 | 420.18 | 537.27 | 3.9 |
| 14560.00 | 112.22 | 990.00 | 105.50 | 112.36 | .15 | 41.59 | 1.42 | 131.65 | 413.25 | 544.89 | 4.5 |
| 14560.00 | 112.92 | 1290.00 | 105.50 | 113.07 | .16 | 39.71 | .70 | 138.91 | 409.78 | 548.70 | 4.7 |
| 14560.00 | 114.80 | 2350.00 | 105.50 | 115.00 | .20 | 38.74 | 1.88 | 158.38 | 400.51 | 558.89 | 5.6 |
| 15560.00 | 116.27 | 500.00 | 111.20 | 116.44 | .17 | 64.52 | 0 | 114.73 | 421.31 | 536.03 | 4.4 |
| 15560.00 | 117.39 | 990.00 | 111.20 | 117.61 | .21 | 67.42 | 1.12 | 126.32 | 415.78 | 542.10 | 5.3 |
| 15560.00 | 117.96 | 1290.00 | 111.20 | 118.20 | .24 | 67.60 | .56 | 132.16 | 413.00 | 545.16 | 5.7 |
| 15560.00 | 119.65 | 2350.00 | 111.20 | 119.95 | .30 | 64.20 | 1.69 | 149.62 | 404.68 | 554.30 | 6.7 |
| 16560.00 | 122.20 | 500.00 | 117.00 | 122.34 | .14 | 54.09 | 0 | 116.06 | 420.67 | 536.73 | 4.1 |
| 16560.00 | 123.43 | 990.00 | 117.00 | 123.61 | .18 | 53.61 | 1.23 | 128.77 | 414.62 | 543.38 | 4.9 |
| 16560.00 | 124.02 | 1290.00 | 117.00 | 124.22 | .20 | 53.94 | .60 | 134.91 | 411.69 | 546.60 | 5.3 |
| 16560.00 | 125.67 | 2350.00 | 117.00 | 125.94 | .27 | 56.00 | 1.65 | 151.88 | 403.60 | 555.49 | 6.4 |

| SECNO | CWSFL | Q | ELMIN | FG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|------------|--------|---------|--------|--------|-----|--------|--------|--------|--------|---------|-----|
| 17690.00 | 127.58 | 500.00 | 122.80 | 127.67 | .09 | 41.25 | 0 | 190.21 | 434.06 | 624.27 | 3.4 |
| 17690.00 | 128.64 | 990.00 | 122.80 | 128.74 | .10 | 38.83 | 1.07 | 247.04 | 394.65 | 641.68 | 4.0 |
| 17690.00 | 129.15 | 1290.00 | 122.80 | 129.26 | .11 | 37.15 | .51 | 274.05 | 375.85 | 649.90 | 4.2 |
| 17690.00 | 130.58 | 2350.00 | 122.80 | 130.69 | .12 | 32.36 | 1.43 | 338.43 | 334.97 | 673.40 | 4.6 |
| * 17740.00 | 134.69 | 350.00 | 132.80 | 134.94 | .25 | 174.49 | 0 | 270.59 | 567.00 | 837.59 | 5.4 |
| * 17740.00 | 135.11 | 790.00 | 132.80 | 135.43 | .33 | 234.49 | .42 | 361.04 | 559.98 | 921.02 | 7.0 |
| * 17740.00 | 135.29 | 1060.00 | 132.80 | 135.65 | .36 | 254.07 | .18 | 410.35 | 547.64 | 957.99 | 7.7 |
| * 17740.00 | 135.76 | 2035.00 | 132.80 | 136.21 | .45 | 300.93 | .47 | 536.99 | 515.95 | 1052.95 | 9.4 |
| * 17752.00 | 135.33 | 350.00 | 132.80 | 135.53 | .20 | 504.17 | 0 | 448.68 | 356.92 | 805.60 | 4.8 |
| 17752.00 | 135.68 | 790.00 | 132.80 | 135.85 | .17 | 469.80 | .35 | 528.27 | 334.76 | 863.03 | 5.1 |
| 17752.00 | 135.91 | 1060.00 | 132.80 | 136.04 | .13 | 335.28 | .23 | 568.76 | 332.90 | 901.66 | 4.6 |
| 17752.00 | 136.46 | 2035.00 | 132.80 | 136.50 | .13 | 229.97 | .55 | 665.32 | 328.45 | 993.78 | 4.3 |
| 17765.00 | 135.74 | 350.00 | 132.80 | 135.76 | .03 | 71.75 | 0 | 538.50 | 334.29 | 872.79 | 2.0 |
| 17765.00 | 136.08 | 790.00 | 132.80 | 136.12 | .04 | 102.88 | .34 | 598.45 | 331.53 | 929.98 | 2.6 |
| 17765.00 | 136.24 | 1060.00 | 132.80 | 136.29 | .05 | 113.21 | .16 | 626.53 | 330.24 | 956.77 | 2.9 |
| 17765.00 | 136.73 | 2035.00 | 132.80 | 136.81 | .08 | 121.85 | .49 | 780.28 | 326.28 | 1106.56 | 3.3 |
| 17780.00 | 135.78 | 350.00 | 132.80 | 135.79 | .01 | 8.60 | 0 | 541.25 | 514.89 | 1056.14 | 1.6 |
| 17780.00 | 136.15 | 790.00 | 132.80 | 136.19 | .03 | 20.55 | .37 | 640.89 | 489.96 | 1130.84 | 2.6 |
| 17780.00 | 136.33 | 1060.00 | 132.80 | 136.37 | .04 | 26.85 | .17 | 687.14 | 478.38 | 1165.52 | 3.1 |
| 17780.00 | 136.84 | 2035.00 | 132.80 | 136.91 | .07 | 39.67 | .51 | 765.55 | 444.17 | 1209.72 | 4.2 |
| 17830.00 | 135.80 | 450.00 | 123.10 | 135.80 | .00 | .02 | 0 | 619.22 | 280.53 | 899.75 | .1 |
| 17830.00 | 136.19 | 890.00 | 123.10 | 136.19 | .00 | .05 | .40 | 885.48 | 275.71 | 1161.19 | .2 |
| 17830.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | .19 | 896.66 | 273.45 | 1170.11 | .3 |
| 17830.00 | 136.92 | 2135.00 | 123.10 | 136.92 | .01 | .22 | .54 | 929.30 | 266.84 | 1196.14 | .5 |
| 17835.00 | 135.80 | 450.00 | 123.10 | 135.80 | .00 | .02 | 0 | 619.38 | 280.51 | 899.89 | .1 |
| 17835.00 | 136.19 | 890.00 | 123.10 | 136.19 | .00 | .05 | .40 | 885.79 | 275.65 | 1161.44 | .2 |
| 17835.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | .19 | 897.06 | 273.37 | 1170.43 | .3 |
| 17835.00 | 136.92 | 2135.00 | 123.10 | 136.92 | .01 | .22 | .54 | 929.90 | 266.71 | 1196.62 | .5 |
| 17840.00 | 135.80 | 450.00 | 123.10 | 135.80 | .00 | .02 | 0 | 619.38 | 280.51 | 899.89 | .1 |
| 17840.00 | 136.19 | 890.00 | 123.10 | 136.19 | .00 | .05 | .40 | 885.79 | 275.65 | 1161.44 | .2 |
| 17840.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | .19 | 897.07 | 273.37 | 1170.43 | .3 |
| 17840.00 | 136.92 | 2135.00 | 123.10 | 136.92 | .01 | .22 | .54 | 929.91 | 266.71 | 1196.62 | .5 |
| 17845.00 | 135.80 | 450.00 | 123.10 | 135.80 | .00 | .02 | 0 | 619.39 | 280.51 | 899.89 | .1 |
| 17845.00 | 136.19 | 890.00 | 123.10 | 136.19 | .00 | .05 | .40 | 885.80 | 275.65 | 1161.44 | .2 |
| 17845.00 | 136.38 | 1160.00 | 123.10 | 136.38 | .00 | .08 | .19 | 897.07 | 273.37 | 1170.43 | .3 |
| 17845.00 | 136.92 | 2135.00 | 123.10 | 136.93 | .01 | .22 | .54 | 929.92 | 266.71 | 1196.63 | .5 |
| 19440.00 | 135.78 | 450.00 | 132.10 | 135.83 | .05 | 72.24 | 0 | 262.58 | 949.80 | 1212.38 | 1.7 |
| 19440.00 | 136.17 | 890.00 | 132.10 | 136.26 | .09 | 102.81 | .39 | 304.53 | 920.72 | 1225.25 | 2.4 |
| 19440.00 | 136.36 | 1160.00 | 132.10 | 136.48 | .12 | 114.95 | .19 | 324.84 | 906.65 | 1231.48 | 2.7 |
| 19440.00 | 136.95 | 2135.00 | 132.10 | 137.12 | .17 | 127.81 | .59 | 388.71 | 862.37 | 1251.08 | 3.3 |
| 20460.00 | 140.59 | 450.00 | 137.90 | 140.62 | .02 | 32.89 | 0 | 479.31 | 379.67 | 858.98 | 1.9 |
| 20460.00 | 141.24 | 890.00 | 137.90 | 141.27 | .03 | 28.54 | .65 | 552.15 | 365.34 | 917.49 | 2.2 |
| 20460.00 | 141.55 | 1160.00 | 137.90 | 141.58 | .03 | 27.68 | .30 | 574.54 | 358.60 | 933.15 | 2.3 |
| 20460.00 | 142.38 | 2135.00 | 137.90 | 142.42 | .04 | 27.75 | .83 | 636.13 | 340.06 | 976.19 | 2.7 |

| SECNO | CWSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|------------|--------|---------|--------|--------|------|---------|--------|--------|--------|--------|------|
| 21040.00 | 143.61 | 450.00 | 140.80 | 143.68 | .07 | 96.80 | 0 | 248.88 | 188.52 | 437.40 | 3.4 |
| 21040.00 | 144.14 | 890.00 | 140.80 | 144.24 | .10 | 114.28 | .53 | 276.12 | 182.66 | 458.78 | 4.3 |
| 21040.00 | 144.41 | 1160.00 | 140.80 | 144.53 | .12 | 118.37 | .27 | 285.92 | 179.71 | 465.63 | 4.7 |
| 21040.00 | 145.23 | 2135.00 | 140.80 | 145.40 | .17 | 119.13 | .82 | 316.08 | 170.63 | 486.71 | 5.5 |
| * 21090.00 | 148.83 | 370.00 | 142.20 | 152.07 | 3.24 | 583.60 | 0 | 4.00 | 322.00 | 326.00 | 14.4 |
| * 21090.00 | 152.55 | 735.00 | 142.20 | 157.66 | 5.12 | 787.00 | 3.71 | 4.00 | 322.00 | 326.00 | 18.1 |
| * 21090.00 | 154.66 | 975.00 | 142.20 | 160.82 | 6.16 | 902.09 | 2.12 | 4.00 | 322.00 | 326.00 | 19.9 |
| * 21090.00 | 160.81 | 1800.00 | 142.20 | 170.11 | 9.30 | 1256.99 | 6.15 | 4.00 | 322.00 | 326.00 | 24.4 |
| * 21230.00 | 164.92 | 370.00 | 142.20 | 164.92 | .00 | .00 | 0 | 326.00 | 0 | 326.00 | .1 |
| * 21230.00 | 165.77 | 735.00 | 142.20 | 165.77 | .00 | .00 | .84 | 818.65 | 0 | 818.65 | .1 |
| * 21230.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .01 | .23 | 820.98 | 0 | 820.98 | .1 |
| * 21230.00 | 170.11 | 1800.00 | 142.20 | 170.11 | .00 | .01 | 4.12 | 850.00 | 0 | 850.00 | .2 |
| 21280.00 | 164.92 | 370.00 | 142.20 | 164.92 | .00 | .00 | 0 | 794.52 | 15.69 | 810.21 | .0 |
| 21280.00 | 165.77 | 735.00 | 142.20 | 165.77 | .00 | .00 | .84 | 805.30 | 13.36 | 818.65 | .0 |
| 21280.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | .23 | 808.26 | 12.71 | 820.97 | .0 |
| 21280.00 | 170.11 | 1800.00 | 142.20 | 170.11 | .00 | .00 | 4.12 | 848.65 | 1.35 | 850.00 | .1 |
| 21285.00 | 164.92 | 370.00 | 142.20 | 164.92 | .00 | .00 | 0 | 794.52 | 15.69 | 810.21 | .0 |
| 21285.00 | 165.77 | 735.00 | 142.20 | 165.77 | .00 | .00 | .84 | 805.30 | 13.36 | 818.65 | .0 |
| 21285.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | .23 | 808.26 | 12.71 | 820.97 | .0 |
| 21285.00 | 170.11 | 1800.00 | 142.20 | 170.11 | .00 | .00 | 4.12 | 848.65 | 1.35 | 850.00 | .1 |
| 21290.00 | 164.92 | 370.00 | 142.20 | 164.92 | .00 | .00 | 0 | 794.52 | 15.69 | 810.21 | .0 |
| 21290.00 | 165.77 | 735.00 | 142.20 | 165.77 | .00 | .00 | .84 | 805.30 | 13.36 | 818.65 | .0 |
| 21290.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | .23 | 808.26 | 12.71 | 820.97 | .0 |
| 21290.00 | 170.11 | 1800.00 | 142.20 | 170.11 | .00 | .00 | 4.12 | 848.65 | 1.35 | 850.00 | .1 |
| 21295.00 | 164.92 | 370.00 | 142.20 | 164.92 | .00 | .00 | 0 | 794.52 | 15.69 | 810.21 | .0 |
| 21295.00 | 165.77 | 735.00 | 142.20 | 165.77 | .00 | .00 | .84 | 805.30 | 13.36 | 818.65 | .0 |
| 21295.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | .23 | 808.26 | 12.71 | 820.97 | .0 |
| 21295.00 | 170.11 | 1800.00 | 142.20 | 170.11 | .00 | .00 | 4.12 | 848.65 | 1.35 | 850.00 | .1 |
| 21300.00 | 164.92 | 370.00 | 142.20 | 164.92 | .00 | .00 | 0 | 794.52 | 15.69 | 810.21 | .0 |
| 21300.00 | 165.77 | 735.00 | 142.20 | 165.77 | .00 | .00 | .84 | 805.30 | 13.36 | 818.65 | .0 |
| 21300.00 | 166.00 | 975.00 | 142.20 | 166.00 | .00 | .00 | .23 | 808.26 | 12.71 | 820.97 | .0 |
| 21300.00 | 170.11 | 1800.00 | 142.20 | 170.11 | .00 | .00 | 4.12 | 848.65 | 1.35 | 850.00 | .1 |
| 22760.00 | 164.92 | 370.00 | 148.20 | 164.92 | .00 | .00 | 0 | 717.95 | 32.26 | 750.21 | .0 |
| 22760.00 | 165.77 | 735.00 | 148.20 | 165.77 | .00 | .00 | .84 | 728.72 | 29.93 | 758.65 | .0 |
| 22760.00 | 166.00 | 975.00 | 148.20 | 166.00 | .00 | .01 | .23 | 731.69 | 29.29 | 760.98 | .1 |
| 22760.00 | 170.11 | 1800.00 | 148.20 | 170.11 | .00 | .01 | 4.12 | 784.21 | 17.92 | 802.13 | .1 |
| 23960.00 | 164.92 | 240.00 | 155.00 | 164.92 | .00 | .01 | 0 | 557.67 | 59.47 | 617.14 | .0 |
| 23960.00 | 165.77 | 500.00 | 155.00 | 165.77 | .00 | .04 | .84 | 587.19 | 48.71 | 635.90 | .1 |
| 23960.00 | 166.00 | 670.00 | 155.00 | 166.00 | .00 | .06 | .23 | 593.00 | 48.07 | 641.07 | .1 |
| 23960.00 | 170.11 | 1290.00 | 155.00 | 170.12 | .00 | .05 | 4.12 | 683.36 | 36.70 | 720.07 | .2 |
| 24440.00 | 164.77 | 240.00 | 161.20 | 165.03 | .26 | 117.01 | 0 | 25.70 | 693.29 | 719.00 | 4.1 |
| 24440.00 | 165.33 | 500.00 | 161.20 | 166.07 | .74 | 257.47 | .56 | 43.29 | 684.10 | 727.39 | 6.9 |
| * 24440.00 | 165.43 | 670.00 | 161.20 | 166.65 | 1.23 | 414.54 | .09 | 46.00 | 682.57 | 728.58 | 9.0 |
| 24440.00 | 170.04 | 1290.00 | 161.20 | 170.18 | .14 | 23.75 | 4.62 | 179.22 | 607.46 | 786.68 | 3.8 |

| SECNO | CWSEL | Q | ELMIN | EG | HV | 10K*S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|------------|--------|---------|--------|--------|------|---------|--------|--------|--------|--------|------|
| 24760.00 | 167.18 | 240.00 | 163.50 | 167.42 | .24 | 51.77 | 0 | 29.20 | 691.43 | 720.71 | 3.9 |
| 24760.00 | 168.64 | 500.00 | 163.50 | 168.99 | .35 | 46.32 | 1.46 | 72.17 | 667.82 | 739.99 | 4.9 |
| 24760.00 | 169.38 | 670.00 | 163.50 | 169.74 | .36 | 41.36 | .74 | 93.67 | 655.70 | 749.37 | 5.2 |
| 24760.00 | 170.67 | 1290.00 | 163.50 | 171.21 | .54 | 52.44 | 1.29 | 131.00 | 634.65 | 765.65 | 6.8 |
| * 24810.00 | 171.82 | 240.00 | 164.20 | 175.67 | 3.85 | 1164.61 | 0 | 2.00 | 705.00 | 707.00 | 15.7 |
| * 24810.00 | 177.36 | 500.00 | 164.20 | 177.37 | .01 | 1.53 | 5.54 | 131.40 | 705.00 | 836.40 | .5 |
| * 24810.00 | 177.12 | 670.00 | 164.20 | 177.13 | .01 | 3.09 | -.24 | 128.67 | 705.00 | 833.67 | .8 |
| * 24810.00 | 177.04 | 1290.00 | 164.20 | 177.09 | .05 | 11.87 | -.08 | 127.83 | 705.00 | 832.83 | 1.6 |
| 24870.00 | 177.85 | 240.00 | 164.20 | 177.85 | .00 | .06 | 0 | 324.40 | 517.51 | 841.91 | .4 |
| * 24870.00 | 178.20 | 500.00 | 164.20 | 178.20 | .00 | .21 | .34 | 330.20 | 515.57 | 845.76 | .7 |
| 24870.00 | 178.34 | 670.00 | 164.20 | 178.34 | .00 | .35 | .14 | 333.73 | 513.66 | 847.38 | 1.0 |
| 24870.00 | 178.77 | 1290.00 | 164.20 | 178.78 | .01 | 1.06 | .43 | 392.85 | 500.59 | 893.44 | 1.8 |
| 24920.00 | 177.85 | 240.00 | 164.20 | 177.85 | .00 | .02 | 0 | 324.40 | 517.51 | 841.91 | .1 |
| 24920.00 | 178.20 | 500.00 | 164.20 | 178.20 | .00 | .07 | .35 | 330.27 | 515.54 | 845.81 | .2 |
| 24920.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | .14 | 334.08 | 513.40 | 847.48 | .3 |
| 24920.00 | 178.78 | 1290.00 | 164.20 | 178.78 | .01 | .33 | .43 | 392.76 | 500.67 | 893.43 | .6 |
| 24925.00 | 177.85 | 240.00 | 164.20 | 177.85 | .00 | .02 | 0 | 324.40 | 517.51 | 841.91 | .1 |
| 24925.00 | 178.20 | 500.00 | 164.20 | 178.20 | .00 | .07 | .35 | 330.27 | 515.54 | 845.81 | .2 |
| 24925.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | .14 | 334.08 | 513.40 | 847.48 | .3 |
| 24925.00 | 178.78 | 1290.00 | 164.20 | 178.78 | .01 | .33 | .43 | 392.77 | 500.66 | 893.43 | .6 |
| 24930.00 | 177.85 | 240.00 | 164.20 | 177.85 | .00 | .02 | 0 | 324.40 | 517.51 | 841.91 | .1 |
| 24930.00 | 178.20 | 500.00 | 164.20 | 178.20 | .00 | .07 | .35 | 330.27 | 515.54 | 845.81 | .2 |
| 24930.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | .14 | 334.09 | 513.40 | 847.48 | .3 |
| 24930.00 | 178.78 | 1290.00 | 164.20 | 178.78 | .01 | .33 | .43 | 392.78 | 500.65 | 893.43 | .6 |
| 24935.00 | 177.85 | 240.00 | 164.20 | 177.85 | .00 | .02 | 0 | 324.40 | 517.51 | 841.91 | .1 |
| 24935.00 | 178.20 | 500.00 | 164.20 | 178.20 | .00 | .07 | .35 | 330.27 | 515.54 | 845.81 | .2 |
| 24935.00 | 178.34 | 670.00 | 164.20 | 178.35 | .00 | .11 | .14 | 334.09 | 513.39 | 847.48 | .3 |
| 24935.00 | 178.78 | 1290.00 | 164.20 | 178.78 | .01 | .33 | .43 | 392.78 | 500.65 | 893.43 | .6 |

FLOOD INSURANCE ZONE DATA FOR CEDAR FALLS CR

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

| SECTION NUMBER | CUMULATIVE DISTANCE | ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND | | |
|----------------|---------------------|---|------|------|
| | | 10' | 20' | 0.2' |
| 1,000 | 0 | -2.2 | -.7 | 2.1 |
| 1000.000 | 1000. | -2.2 | -.7 | 2.1 |
| 2000.000 | 2000. | -2.2 | -.8 | 2.2 |
| 3000.000 | 3000. | -2.3 | -.8 | 2.2 |
| 4000.000 | 4000. | -2.2 | -.8 | 2.2 |
| 5675.000 | 5675. | -2.4 | -.8 | 2.3 |
| 5700.000 | 5700. | -1.8 | -.6 | 1.5 |
| 5705.000 | 5705. | -1.9 | -.6 | 1.7 |
| 5710.000 | 5710. | -1.9 | -.6 | 1.7 |
| 5725.000 | 5725. | -2.0 | -.6 | 1.8 |
| 5750.000 | 5750. | -2.0 | -.6 | 1.8 |
| 5800.000 | 5800. | -2.1 | -.7 | 1.9 |
| 5880.000 | 5880. | -2.5 | -.8 | 2.1 |
| 6095.000 | 6095. | -3.3 | -1.1 | 2.6 |
| 6145.000 | 6145. | -3.4 | -1.1 | 2.8 |
| 6150.000 | 6150. | -3.4 | -1.1 | 2.7 |
| 6170.000 | 6170. | -3.4 | -1.1 | 2.8 |
| 6175.000 | 6175. | -3.5 | -1.1 | 2.9 |
| 6230.000 | 6230. | -3.5 | -1.1 | 2.9 |
| 6500.000 | 6500. | -3.0 | -1.0 | 2.6 |
| 7500.000 | 7500. | -3.4 | -1.1 | 2.6 |
| 1026.000 | 10260. | -2.8 | -.9 | 2.4 |
| 10560.000 | 10560. | -2.6 | -.9 | 2.3 |
| 11560.000 | 11560. | -.8 | -.3 | 1.3 |
| 12560.000 | 12560. | -1.6 | -.5 | 1.1 |
| 13060.000 | 13060. | -1.5 | -.5 | 1.2 |
| 13110.000 | 13110. | -.5 | .1 | 2.8 |
| 13210.000 | 13210. | -2.7 | -.1 | .1 |
| 13260.000 | 13260. | -2.2 | -.1 | .3 |
| 13760.000 | 13760. | -2.0 | -.4 | 1.2 |
| 14560.000 | 14560. | -2.1 | -.7 | 1.9 |
| 15560.000 | 15560. | -1.7 | -.6 | 1.7 |
| 16560.000 | 16560. | -1.8 | -.6 | 1.6 |
| 17690.000 | 17690. | -1.6 | -.5 | 1.4 |
| 17740.000 | 17740. | -.6 | -.2 | .5 |
| 17752.000 | 17752. | -.6 | -.2 | .5 |
| 17765.000 | 17765. | -.5 | -.2 | .5 |
| 17780.000 | 17780. | -.5 | -.2 | .5 |
| 17830.000 | 17830. | -.6 | -.2 | .5 |
| 17835.000 | 17835. | -.6 | -.2 | .5 |
| 17840.000 | 17840. | -.6 | -.2 | .5 |
| 17845.000 | 17845. | -.6 | -.2 | .5 |
| 19440.000 | 19440. | -.6 | -.2 | .6 |
| 20460.000 | 20460. | -1.0 | -.3 | .8 |
| 21040.000 | 21040. | -.8 | -.3 | .8 |
| 21090.000 | 21090. | -5.8 | -2.1 | 6.2 |
| 21250.000 | 21230. | -1.1 | -.2 | 4.1 |
| 21280.000 | 21280. | -1.1 | -.2 | 4.1 |
| 21285.000 | 21285. | -1.1 | -.2 | 4.1 |
| 21290.000 | 21290. | -1.1 | -.2 | 4.1 |
| 21295.000 | 21295. | -1.1 | -.2 | 4.1 |
| 21300.000 | 21300. | -1.1 | -.2 | 4.1 |

| | | | | |
|-----------|--------|------|-----|-----|
| 22760.000 | 22760. | -1.1 | -.2 | 4.1 |
| 23960.000 | 23960. | -1.1 | -.2 | 4.1 |
| 24440.000 | 24440. | -.7 | -.1 | 4.6 |
| 24760.000 | 24760. | -2.2 | -.7 | 1.3 |
| 24810.000 | 24810. | -5.3 | .2 | -.1 |
| 24870.000 | 24870. | -.5 | .1 | .4 |
| 24920.000 | 24920. | -.5 | -.1 | .4 |
| 24925.000 | 24925. | -.5 | -.1 | .4 |
| 24930.000 | 24930. | -.5 | -.1 | .4 |
| 24935.000 | 24935. | -.5 | .1 | .4 |

 WEIGHTED AVG FOR REACH -1.9 -.6 2.1

FHF FOR THE REACH = 020 WITH 49.0% OF THE REACH WITHIN .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. | | | |
| SEC. 1.000 | | | | | | | |
| 1 | 100. | 33.3 | 35.5 | -2.2 | -2.2 | 020 | 100. |
| 2 | 200. | 33.7 | 35.9 | -2.2 | -2.2 | 020 | 100. |
| 3 | 300. | 34.1 | 36.3 | -2.2 | -2.2 | 020 | 100. |
| 4 | 400. | 34.5 | 36.7 | -2.2 | -2.2 | 020 | 100. |
| 5 | 500. | 34.9 | 37.1 | -2.2 | -2.2 | 020 | 100. |
| 6 | 600. | 35.3 | 37.5 | -2.2 | -2.2 | 020 | 100. |
| 7 | 700. | 35.7 | 37.9 | -2.2 | -2.2 | 020 | 100. |
| 8 | 800. | 36.1 | 38.3 | -2.2 | -2.2 | 020 | 100. |
| 9 | 900. | 36.5 | 38.7 | -2.2 | -2.2 | 020 | 100. |
| SEC. 1000.000 | | | | | | | |
| 10 | 1000. | 36.9 | 39.1 | -2.2 | -2.2 | 020 | 100. |
| 11 | 1100. | 37.3 | 39.5 | -2.2 | -2.2 | 020 | 100. |
| 12 | 1200. | 37.7 | 39.8 | -2.2 | -2.2 | 020 | 100. |
| 13 | 1300. | 38.0 | 40.2 | -2.2 | -2.2 | 020 | 100. |
| 14 | 1400. | 38.4 | 40.6 | -2.2 | -2.2 | 020 | 100. |
| 15 | 1500. | 38.8 | 41.0 | -2.2 | -2.2 | 020 | 100. |
| 16 | 1600. | 39.1 | 41.3 | -2.2 | -2.2 | 020 | 100. |
| 17 | 1700. | 39.5 | 41.7 | -2.2 | -2.2 | 020 | 100. |
| 18 | 1800. | 39.9 | 42.1 | -2.2 | -2.2 | 020 | 100. |
| 19 | 1900. | 40.2 | 42.5 | -2.2 | -2.2 | 020 | 100. |
| SEC. 2000.000 | | | | | | | |
| 20 | 2000. | 40.6 | 42.8 | -2.2 | -2.2 | 020 | 100. |
| 21 | 2100. | 41.0 | 43.2 | -2.2 | -2.2 | 020 | 100. |
| 22 | 2200. | 41.3 | 43.5 | -2.2 | -2.2 | 020 | 100. |
| 23 | 2300. | 41.6 | 43.9 | -2.2 | -2.2 | 020 | 100. |
| 24 | 2400. | 42.0 | 44.2 | -2.2 | -2.2 | 020 | 100. |
| 25 | 2500. | 42.3 | 44.6 | -2.3 | -2.2 | 020 | 100. |
| 26 | 2600. | 42.7 | 44.9 | -2.3 | -2.2 | 020 | 100. |
| 27 | 2700. | 43.0 | 45.3 | -2.3 | -2.2 | 020 | 100. |
| 28 | 2800. | 43.4 | 45.6 | -2.3 | -2.2 | 020 | 100. |
| 29 | 2900. | 43.7 | 46.0 | -2.3 | -2.2 | 020 | 100. |
| SEC. 3000.000 | | | | | | | |
| 30 | 3000. | 44.1 | 46.3 | -2.3 | -2.2 | 020 | 100. |
| 31 | 3100. | 44.4 | 46.7 | -2.3 | -2.2 | 020 | 100. |
| 32 | 3200. | 44.8 | 47.0 | -2.3 | -2.2 | 020 | 100. |
| 33 | 3300. | 45.2 | 47.4 | -2.3 | -2.2 | 020 | 100. |
| 34 | 3400. | 45.5 | 47.8 | -2.3 | -2.2 | 020 | 100. |
| 35 | 3500. | 45.9 | 48.1 | -2.2 | -2.2 | 020 | 100. |

| | | | | | | | |
|----|-------|------|------|------|------|---------------|------|
| 36 | 3600. | 48.3 | 48.5 | -2.2 | -2.2 | 020 | 100. |
| 37 | 3700. | 46.6 | 48.9 | -2.2 | -2.2 | 020 | 100. |
| 38 | 3800. | 47.0 | 49.2 | -2.2 | -2.2 | 020 | 100. |
| 39 | 3900. | 47.4 | 49.6 | -2.2 | -2.2 | 020 | 100. |
| | 4000. | | | | | SEC. 4000.000 | |
| 40 | 4000. | 47.8 | 50.0 | -2.2 | -2.2 | 020 | 100. |
| 41 | 4100. | 48.1 | 50.3 | -2.2 | -2.2 | 020 | 100. |
| 42 | 4200. | 48.4 | 50.6 | -2.2 | -2.2 | 020 | 100. |
| 43 | 4300. | 48.7 | 50.9 | -2.2 | -2.2 | 020 | 100. |
| 44 | 4400. | 49.0 | 51.2 | -2.3 | -2.2 | 020 | 100. |
| 45 | 4500. | 49.3 | 51.5 | -2.3 | -2.2 | 020 | 100. |
| 46 | 4600. | 49.6 | 51.9 | -2.3 | -2.2 | 020 | 100. |
| 47 | 4700. | 49.9 | 52.2 | -2.3 | -2.2 | 020 | 100. |
| 48 | 4800. | 50.2 | 52.5 | -2.3 | -2.2 | 020 | 100. |
| 49 | 4900. | 50.5 | 52.8 | -2.3 | -2.2 | 020 | 100. |
| 50 | 5000. | 50.8 | 53.1 | -2.3 | -2.2 | 020 | 100. |
| 51 | 5100. | 51.0 | 53.4 | -2.3 | -2.2 | 020 | 100. |
| 52 | 5200. | 51.3 | 53.7 | -2.4 | -2.2 | 020 | 100. |
| 53 | 5300. | 51.6 | 54.0 | -2.4 | -2.2 | 020 | 100. |
| 54 | 5400. | 51.9 | 54.3 | -2.4 | -2.2 | 020 | 100. |
| 55 | 5500. | 52.2 | 54.6 | -2.4 | -2.2 | 020 | 100. |
| 56 | 5600. | 52.5 | 54.9 | -2.4 | -2.2 | 020 | 100. |
| | 5675. | | | | | SEC. 5675.000 | |
| 57 | 5700. | 62.3 | 64.4 | -2.1 | -2.2 | 020 | 100. |
| | 5700. | | | | | SEC. 5700.000 | |
| | 5705. | | | | | SEC. 5705.000 | |
| | 5710. | | | | | SEC. 5710.000 | |
| | 5725. | | | | | SEC. 5725.000 | |
| | 5750. | | | | | SEC. 5750.000 | |
| 58 | 5800. | 73.7 | 75.7 | -2.1 | -2.2 | 020 | 100. |
| | 5800. | | | | | SEC. 5800.000 | |
| | 5880. | | | | | SEC. 5880.000 | |
| 59 | 5900. | 74.9 | 77.5 | -2.6 | -2.2 | 020 | 100. |
| 60 | 6000. | 75.8 | 78.6 | -2.8 | -2.3 | 025 | 100. |
| | 6095. | | | | | SEC. 6095.000 | |
| 61 | 6100. | 77.4 | 80.5 | -3.2 | -2.3 | 025 | 100. |
| | 6145. | | | | | SEC. 6145.000 | |
| | 6150. | | | | | SEC. 6150.000 | |
| | 6170. | | | | | SEC. 6170.000 | |
| | 6175. | | | | | SEC. 6175.000 | |
| 62 | 6200. | 78.4 | 81.9 | -3.5 | -2.3 | 025 | 98. |
| | 6230. | | | | | SEC. 6230.000 | |
| 63 | 6300. | 78.7 | 82.1 | -3.4 | -2.3 | 025 | 97. |
| 64 | 6400. | 79.5 | 82.8 | -3.3 | -2.3 | 025 | 97. |
| | 6500. | | | | | SEC. 6500.000 | |
| 65 | 6500. | 80.5 | 83.6 | -3.1 | -2.3 | 025 | 97. |
| 66 | 6600. | 81.5 | 84.5 | -3.0 | -2.3 | 025 | 97. |
| 67 | 6700. | 82.3 | 85.4 | -3.1 | -2.4 | 025 | 97. |
| 68 | 6800. | 83.2 | 86.3 | -3.1 | -2.4 | 025 | 97. |
| 69 | 6900. | 84.0 | 87.2 | -3.2 | -2.4 | 025 | 97. |
| 70 | 7000. | 84.9 | 88.1 | -3.2 | -2.4 | 025 | 97. |
| 71 | 7100. | 85.8 | 89.0 | -3.3 | -2.4 | 025 | 97. |
| 72 | 7200. | 86.6 | 89.9 | -3.3 | -2.4 | 025 | 97. |
| 73 | 7300. | 87.5 | 90.8 | -3.3 | -2.4 | 025 | 97. |
| 74 | 7400. | 88.4 | 91.8 | -3.4 | -2.4 | 025 | 99. |
| | 7500. | | | | | SEC. 7500.000 | |
| 75 | 7500. | 89.2 | 92.7 | -3.4 | -2.5 | 025 | 99. |
| 76 | 7600. | 89.8 | 93.2 | -3.4 | -2.5 | 025 | 99. |
| 77 | 7700. | 89.9 | 93.3 | -3.4 | -2.5 | 025 | 99. |
| 78 | 7800. | 90.1 | 93.5 | -3.4 | -2.5 | 025 | 99. |
| 79 | 7900. | 90.3 | 93.6 | -3.4 | -2.5 | 025 | 100. |
| 80 | 8000. | 90.4 | 93.8 | -3.3 | -2.5 | 025 | 100. |
| 81 | 8100. | 90.6 | 93.9 | -3.3 | -2.5 | 025 | 100. |
| 82 | 8200. | 90.8 | 94.0 | -3.3 | -2.5 | 025 | 100. |
| 83 | 8300. | 90.9 | 94.2 | -3.3 | -2.5 | 025 | 100. |
| 84 | 8400. | 91.1 | 94.3 | -3.2 | -2.5 | 025 | 100. |

| | | | | | | | |
|-----|--------|-------|-------|------|------|----------------|------|
| 85 | 8500. | 91.3 | 94.5 | -3.2 | -2.6 | 025 | 100. |
| 86 | 8600. | 91.4 | 94.6 | -3.2 | -2.6 | 025 | 100. |
| 87 | 8700. | 91.6 | 94.8 | -3.2 | -2.6 | 025 | 100. |
| 88 | 8800. | 91.8 | 94.9 | -3.1 | -2.6 | 025 | 100. |
| 89 | 8900. | 91.9 | 95.1 | -3.1 | -2.6 | 025 | 100. |
| 90 | 9000. | 92.1 | 95.2 | -3.1 | -2.6 | 025 | 100. |
| 91 | 9100. | 92.3 | 95.3 | -3.1 | -2.6 | 025 | 100. |
| 92 | 9200. | 92.5 | 95.5 | -3.0 | -2.6 | 025 | 100. |
| 93 | 9300. | 92.6 | 95.6 | -3.0 | -2.6 | 025 | 100. |
| 94 | 9400. | 92.8 | 95.8 | -3.0 | -2.6 | 025 | 100. |
| 95 | 9500. | 93.0 | 95.9 | -3.0 | -2.6 | 025 | 100. |
| 96 | 9600. | 93.1 | 96.1 | -2.9 | -2.6 | 025 | 100. |
| 97 | 9700. | 93.3 | 96.2 | -2.9 | -2.6 | 025 | 100. |
| 98 | 9800. | 93.5 | 96.3 | -2.9 | -2.6 | 025 | 100. |
| 99 | 9900. | 93.6 | 96.5 | -2.9 | -2.6 | 025 | 100. |
| 100 | 10000. | 93.8 | 96.6 | -2.8 | -2.6 | 025 | 100. |
| 101 | 10100. | 94.0 | 96.8 | -2.8 | -2.6 | 025 | 100. |
| 102 | 10200. | 94.1 | 96.9 | -2.8 | -2.6 | 025 | 100. |
| | 10260. | | | | | SEC. 10260.000 | |
| 103 | 10300. | 94.3 | 97.1 | -2.7 | -2.6 | 025 | 100. |
| 104 | 10400. | 94.5 | 97.2 | -2.7 | -2.6 | 025 | 100. |
| 105 | 10500. | 94.6 | 97.2 | -2.6 | -2.6 | 025 | 100. |
| | 10560. | | | | | SEC. 10560.000 | |
| 106 | 10600. | 94.8 | 97.4 | -2.6 | -2.6 | 025 | 100. |
| 107 | 10700. | 95.2 | 97.6 | -2.4 | -2.6 | 025 | 100. |
| 108 | 10800. | 95.7 | 97.9 | -2.2 | -2.6 | 025 | 100. |
| 109 | 10900. | 96.2 | 98.2 | -2.1 | -2.6 | 025 | 100. |
| 110 | 11000. | 96.7 | 98.5 | -1.9 | -2.6 | 025 | 100. |
| 111 | 11100. | 97.2 | 98.9 | -1.7 | -2.6 | 025 | 100. |
| 112 | 11200. | 97.6 | 99.2 | -1.5 | -2.6 | 025 | 99. |
| 113 | 11300. | 98.1 | 99.5 | -1.4 | -2.6 | 025 | 98. |
| 114 | 11400. | 98.6 | 99.8 | -1.2 | -2.6 | 025 | 97. |
| 115 | 11500. | 99.1 | 100.1 | -1.0 | -2.6 | 025 | 97. |
| | 11560. | | | | | SEC. 11560.000 | |
| 116 | 11600. | 99.6 | 100.5 | -.9 | -2.5 | 025 | 96. |
| 117 | 11700. | 100.2 | 101.0 | -.9 | -2.5 | 025 | 96. |
| 118 | 11800. | 100.7 | 101.7 | -.9 | -2.5 | 025 | 95. |
| 119 | 11900. | 101.3 | 102.3 | -1.0 | -2.5 | 025 | 93. |
| 120 | 12000. | 101.8 | 102.9 | -1.1 | -2.5 | 025 | 93. |
| 121 | 12100. | 102.4 | 103.6 | -1.2 | -2.5 | 025 | 92. |
| 122 | 12200. | 103.0 | 104.2 | -1.3 | -2.5 | 025 | 91. |
| 123 | 12300. | 103.5 | 104.9 | -1.3 | -2.5 | 025 | 90. |
| 124 | 12400. | 104.1 | 105.5 | -1.4 | -2.5 | 025 | 90. |
| 125 | 12500. | 104.6 | 106.1 | -1.5 | -2.4 | 025 | 90. |
| | 12560. | | | | | SEC. 12560.000 | |
| 126 | 12600. | 105.1 | 106.7 | -1.5 | -2.4 | 025 | 90. |
| 127 | 12700. | 105.5 | 107.0 | -1.6 | -2.4 | 025 | 88. |
| 128 | 12800. | 105.7 | 107.3 | -1.6 | -2.4 | 025 | 88. |
| 129 | 12900. | 105.9 | 107.5 | -1.5 | -2.4 | 025 | 88. |
| 130 | 13000. | 106.2 | 107.7 | -1.5 | -2.4 | 025 | 88. |
| | 13060. | | | | | SEC. 13060.000 | |
| 131 | 13100. | 106.3 | 107.4 | -1.1 | -2.4 | 025 | 87. |
| | 13110. | | | | | SEC. 13110.000 | |
| 132 | 13200. | 106.6 | 108.1 | -1.6 | -2.4 | 025 | 87. |
| | 13210. | | | | | SEC. 13210.000 | |
| | 13260. | | | | | SEC. 13260.000 | |
| 133 | 13300. | 107.4 | 109.6 | -2.2 | -2.4 | 025 | 87. |
| 134 | 13400. | 107.5 | 109.7 | -2.2 | -2.4 | 025 | 87. |
| 135 | 13500. | 107.8 | 109.9 | -2.1 | -2.4 | 025 | 87. |
| 136 | 13600. | 108.0 | 110.0 | -2.1 | -2.4 | 025 | 88. |
| 137 | 13700. | 108.2 | 110.2 | -2.1 | -2.4 | 025 | 88. |
| | 13760. | | | | | SEC. 13760.000 | |
| 138 | 13800. | 108.4 | 110.4 | -2.0 | -2.4 | 025 | 88. |
| 139 | 13900. | 108.7 | 110.7 | -2.0 | -2.4 | 025 | 86. |
| 140 | 14000. | 109.0 | 111.0 | -2.0 | -2.4 | 025 | 86. |
| 141 | 14100. | 109.3 | 111.3 | -2.1 | -2.4 | 025 | 87. |

| | | | | | | | |
|-----|--------|-------|-------|------|------|----------------|-----|
| 142 | 14200. | 109.6 | 111.6 | -2.1 | -2.4 | 025 | 87. |
| 143 | 14300. | 109.9 | 111.9 | -2.1 | -2.4 | 025 | 87. |
| 144 | 14400. | 110.2 | 112.3 | -2.1 | -2.4 | 025 | 87. |
| 145 | 14500. | 110.5 | 112.6 | -2.1 | -2.4 | 025 | 87. |
| | 14560. | | | | | SEC. 14560.000 | |
| 146 | 14600. | 110.8 | 112.9 | -2.1 | -2.4 | 025 | 87. |
| 147 | 14700. | 111.3 | 113.4 | -2.1 | -2.4 | 025 | 87. |
| 148 | 14800. | 111.8 | 113.9 | -2.0 | -2.4 | 025 | 87. |
| 149 | 14900. | 112.4 | 114.4 | -2.0 | -2.4 | 025 | 87. |
| 150 | 15000. | 112.9 | 114.9 | -1.9 | -2.4 | 025 | 87. |
| 151 | 15100. | 113.5 | 115.4 | -1.9 | -2.4 | 025 | 87. |
| 152 | 15200. | 114.0 | 115.9 | -1.9 | -2.3 | 025 | 88. |
| 153 | 15300. | 114.6 | 116.4 | -1.8 | -2.3 | 025 | 88. |
| 154 | 15400. | 115.1 | 116.9 | -1.8 | -2.3 | 025 | 88. |
| 155 | 15500. | 115.7 | 117.4 | -1.7 | -2.3 | 025 | 87. |
| | 15560. | | | | | SEC. 15560.000 | |
| 156 | 15600. | 116.2 | 117.9 | -1.7 | -2.3 | 025 | 87. |
| 157 | 15700. | 116.8 | 118.5 | -1.7 | -2.3 | 025 | 87. |
| 158 | 15800. | 117.4 | 119.1 | -1.7 | -2.3 | 025 | 87. |
| 159 | 15900. | 118.0 | 119.7 | -1.7 | -2.3 | 025 | 87. |
| 160 | 16000. | 118.6 | 120.3 | -1.7 | -2.3 | 025 | 88. |
| 161 | 16100. | 119.2 | 120.9 | -1.8 | -2.3 | 025 | 88. |
| 162 | 16200. | 119.8 | 121.5 | -1.8 | -2.3 | 025 | 88. |
| 163 | 16300. | 120.4 | 122.1 | -1.8 | -2.3 | 025 | 88. |
| 164 | 16400. | 121.0 | 122.8 | -1.8 | -2.3 | 025 | 87. |
| 165 | 16500. | 121.5 | 123.4 | -1.8 | -2.3 | 025 | 87. |
| | 16560. | | | | | SEC. 16560.000 | |
| 166 | 16600. | 122.1 | 123.9 | -1.8 | -2.3 | 025 | 87. |
| 167 | 16700. | 122.6 | 124.4 | -1.8 | -2.3 | 025 | 87. |
| 168 | 16800. | 123.1 | 124.9 | -1.8 | -2.3 | 025 | 87. |
| 169 | 16900. | 123.6 | 125.3 | -1.8 | -2.3 | 025 | 87. |
| 170 | 17000. | 124.1 | 125.8 | -1.7 | -2.3 | 025 | 87. |
| 171 | 17100. | 124.5 | 126.2 | -1.7 | -2.3 | 025 | 87. |
| 172 | 17200. | 125.0 | 126.7 | -1.7 | -2.3 | 025 | 86. |
| 173 | 17300. | 125.5 | 127.2 | -1.7 | -2.3 | 025 | 86. |
| 174 | 17400. | 126.0 | 127.6 | -1.6 | -2.3 | 025 | 86. |
| 175 | 17500. | 126.4 | 128.1 | -1.6 | -2.3 | 025 | 86. |
| 176 | 17600. | 126.9 | 128.5 | -1.6 | -2.3 | 025 | 86. |
| | 17690. | | | | | SEC. 17690.000 | |
| 177 | 17700. | 128.1 | 129.6 | -1.5 | -2.3 | 025 | 86. |
| | 17740. | | | | | SEC. 17740.000 | |
| | 17752. | | | | | SEC. 17752.000 | |
| | 17765. | | | | | SEC. 17765.000 | |
| | 17780. | | | | | SEC. 17780.000 | |
| 178 | 17800. | 135.8 | 136.3 | -.6 | -2.3 | 025 | 85. |
| | 17830. | | | | | SEC. 17830.000 | |
| | 17835. | | | | | SEC. 17835.000 | |
| | 17840. | | | | | SEC. 17840.000 | |
| | 17845. | | | | | SEC. 17845.000 | |
| 179 | 17900. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 85. |
| 180 | 18000. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 84. |
| 181 | 18100. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 83. |
| 182 | 18200. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 83. |
| 183 | 18300. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 82. |
| 184 | 18400. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 81. |
| 185 | 18500. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 81. |
| 186 | 18600. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 80. |
| 187 | 18700. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 80. |
| 188 | 18800. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 79. |
| 189 | 18900. | 135.8 | 136.4 | -.6 | -2.2 | 020 | 78. |
| 190 | 19000. | 135.8 | 136.4 | -.6 | -2.1 | 020 | 77. |
| 191 | 19100. | 135.8 | 136.4 | -.6 | -2.1 | 020 | 77. |
| 192 | 19200. | 135.8 | 136.4 | -.6 | -2.1 | 020 | 76. |
| 193 | 19300. | 135.8 | 136.4 | -.6 | -2.1 | 020 | 75. |
| 194 | 19400. | 135.8 | 136.4 | -.6 | -2.1 | 020 | 75. |
| | 19440. | | | | | SEC. 19440.000 | |

| | | | | | | | |
|-----|--------|-------|-------|------|------|-----------|-----|
| 195 | 19500. | 135.9 | 136.5 | -.6 | -2.1 | 020 | 74. |
| 196 | 19600. | 136.3 | 136.9 | -.6 | -2.1 | 020 | 74. |
| 197 | 19700. | 136.8 | 137.4 | -.7 | -2.1 | 020 | 74. |
| 198 | 19800. | 137.2 | 137.9 | -.7 | -2.1 | 020 | 73. |
| 199 | 19900. | 137.7 | 138.4 | -.7 | -2.1 | 020 | 72. |
| 200 | 20000. | 138.2 | 139.0 | -.8 | -2.1 | 020 | 72. |
| 201 | 20100. | 138.7 | 139.5 | -.8 | -2.1 | 020 | 71. |
| 202 | 20200. | 139.1 | 140.0 | -.8 | -2.1 | 020 | 71. |
| 203 | 20300. | 139.6 | 140.5 | -.9 | -2.1 | 020 | 70. |
| 204 | 20400. | 140.1 | 141.0 | -.9 | -2.0 | 020 | 69. |
| | 20460. | | | | SEC. | 20460.000 | |
| 205 | 20500. | 140.6 | 141.5 | -.9 | -2.0 | 020 | 69. |
| 206 | 20600. | 141.1 | 142.0 | -.9 | -2.0 | 020 | 68. |
| 207 | 20700. | 141.6 | 142.5 | -.9 | -2.0 | 020 | 68. |
| 208 | 20800. | 142.1 | 143.0 | -.9 | -2.0 | 020 | 68. |
| 209 | 20900. | 142.6 | 143.5 | -.8 | -2.0 | 020 | 67. |
| 210 | 21000. | 143.1 | 144.0 | -.8 | -2.0 | 020 | 67. |
| | 21040. | | | | SEC. | 21040.000 | |
| | 21090. | | | | SEC. | 21090.000 | |
| 211 | 21100. | 149.4 | 155.1 | -5.7 | -2.0 | 020 | 67. |
| 212 | 21200. | 155.7 | 159.5 | -3.8 | -2.0 | 020 | 67. |
| | 21230. | | | | SEC. | 21230.000 | |
| | 21280. | | | | SEC. | 21280.000 | |
| | 21285. | | | | SEC. | 21285.000 | |
| | 21290. | | | | SEC. | 21290.000 | |
| | 21295. | | | | SEC. | 21295.000 | |
| 213 | 21300. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| | 21300. | | | | SEC. | 21300.000 | |
| 214 | 21400. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| 215 | 21500. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| 216 | 21600. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| 217 | 21700. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| 218 | 21800. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| 219 | 21900. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 68. |
| 220 | 22000. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 67. |
| 221 | 22100. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 52. |
| 222 | 22200. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| 223 | 22300. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| 224 | 22400. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| 225 | 22500. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 52. |
| 226 | 22600. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| 227 | 22700. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| | 22760. | | | | SEC. | 22760.000 | |
| 228 | 22800. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| 229 | 22900. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 51. |
| 230 | 23000. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 50. |
| 231 | 23100. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 50. |
| 232 | 23200. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 50. |
| 233 | 23300. | 164.9 | 166.0 | -1.1 | -2.0 | 020 | 50. |
| 234 | 23400. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 50. |
| 235 | 23500. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 49. |
| 236 | 23600. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 49. |
| 237 | 23700. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 49. |
| 238 | 23800. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 49. |
| 239 | 23900. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 49. |
| | 23960. | | | | SEC. | 23960.000 | |
| 240 | 24000. | 164.9 | 166.0 | -1.1 | -1.9 | 020 | 48. |
| 241 | 24100. | 164.9 | 165.9 | -1.0 | -1.9 | 020 | 48. |
| 242 | 24200. | 164.9 | 165.8 | -.9 | -1.9 | 020 | 48. |
| 243 | 24300. | 164.8 | 165.7 | -.8 | -1.9 | 020 | 47. |
| 244 | 24400. | 164.8 | 165.5 | -.7 | -1.9 | 020 | 47. |
| | 24440. | | | | SEC. | 24440.000 | |
| 245 | 24500. | 165.0 | 165.8 | -.8 | -1.9 | 020 | 47. |
| 246 | 24600. | 165.6 | 166.8 | -1.2 | -1.9 | 020 | 47. |
| 247 | 24700. | 166.4 | 168.0 | -1.7 | -1.9 | 020 | 47. |
| | 24760. | | | | SEC. | 24760.000 | |

| | | | | | | | |
|-----|--------|-------|-------|------|------|------|-----------|
| 248 | 24800. | 166.8 | 172.1 | -3.3 | -1.9 | 020 | 47. |
| | 24810. | | | | | SEC. | 24810,000 |
| | 24870. | | | | | SEC. | 24870,000 |
| 249 | 24900. | 177.9 | 178.3 | -.5 | -1.9 | 020 | 47. |
| | 24920. | | | | | SEC. | 24920,000 |
| | 24925. | | | | | SEC. | 24925,000 |
| | 24930. | | | | | SEC. | 24930,000 |
| | 24935. | | | | | SEC. | 24935,000 |

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
 INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
 OF EACH REACH BY INC NO. FOR EXAMPLE 202 185 249
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

| | | | | | |
|----------------|--------|----------|----------|---|------------------------------------|
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5700.00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 5880.00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 13110.00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 13110.00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17740.00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |

| | | | | | |
|----------------|--------|----------|----------|---|------------------------------------|
| POSSIBLE ERROR | SECNO= | 17752.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 17752.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 21090.00 | PROFILE= | 4 | SLOPE TOO STEEP |
| POSSIBLE ERROR | SECNO= | 24440.00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 1 | SLOPE TOO STEEP |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 24810.00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |

INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

* AS OF 2 SEPT 1976, THE PROGRAM HAS BEEN UPDATED TO INCLUDE MODIFICATION 59 AND ERROR CORRECTION 10. THE PURPOSE OF
* ICATION 59 IS TO

* (1) PROVIDE A NEW INTERPOLATION SCHEME FOR CALCULATING ENCROACHMENT STATIONS BY METHODS 3 AND 4. PREVIOUSLY, L
* INTERPOLATION WAS USED TO CALCULATE ENCROACHMENTS, NOW, THE INTERPOLATION IS BASED ON A PARABOLIC APPROXIM
* OF CONVEYANCE VERSUS DISTANCE,

* (2) FURTHER DEVELOPMENT OF MODIFICATION 54 WHICH PROVIDES FOR THE NH CARD TO VARY #N# VALUES IN THE CHANNEL, T
* PROGRAM WILL NOW ALLOW BOTH A CHANGE IN #N# VALUES IN THE CHANNEL (MOD. 54 AS PRESENTLY USED) AND, IF NO #N
* VARIATION IS DEFINED IN THE CHANNEL WHEN THE NH CARD IS USED, THE CHANNEL WILL NOT BE SEGMENTED FOR FLOW CO
* TATION. THIS MODIFICATION ALLOWS MORE FLEXIBILITY.

* (3) COMMENT CARDS (C CARDS) ARE NOW PRINTED IN THE DATA LISTING.

* (4) EXPANDS PRINTOUT OF THE SPECIAL BRIDGE ROUTINE TO INCLUDE TRAPEZOIDAL CALCULATIONS FOR OUTPUT ANALYSIS. STA
* TESTS RELATING TO THE SPECIAL BRIDGE ROUTINE WILL BE AFFECTED BY THIS CHANGE, THE PRINTOUT OF CALCULATED CH
* AREA IS BASED ON THE DEFINED TRAPEZOID UP TO THE BRIDGE WATER SURFACE ELEVATION, CALCULATED CHANNEL AREA SH
* BE CLOSE TO THE VALUE OF THE PREVIOUS SECTION'S CHANNEL AREA, TRAPEZOID/AREA IS THE AREA OF THE TRAPEZOID
* ELLC. TRAPEZOID/AREA SHOULD BE CLOSE TO INPUT ITEM BAREA, PLEASE NOTE THAT NUMERICAL RESULTS WILL NOT BE A

* (5) THE FLOW DISTRIBUTION PRINTOUT MAY NOW BE REQUESTED FOR ANY PARTICULAR SECTION (X2 CARD WITH 15 IN 10TH FIE

* THE PURPOSE OF ERROR CORRECTION 10 IS TO

* (1) ALLOW THE USE OF THE EFFECTIVE AREA OPTION WHEN FLOW IS PRESSURE AND WEIR FLOW.

* (2) CORRECT THE WETTED PERIMETER CALCULATION IN THE NORMAL BRIDGE ROUTINE.

* (3) ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION WHEN CALCULATING CONVEYANCE,

* A FORMAL CHANGE NOTICE CONCERNING THE ABOVE WILL BE MAILED IN APPROXIMATELY ONE MONTH, ANY QUESTIONS ABOUT THESE P
* CHANGES CAN BE DIRECTED TO ALLAN OTO (FTS 448-2105 OR 448-3292).

C FPMS BR CEDAR FALLS CR FAYETTEVILLE NC
 T1 FPMS BR FAYETTEVILLE NC FIS
 T2 10 YR NATURAL
 T3 CEDAR FALLS CR

| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|--------|----------|----------|----------|----------|---------|----------|----------|--------|--------|
| | -1. | 6. | -0 | -0 | .004000 | 0 | -0 | -0 | 34.000 | -0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 1.000 | -0 | -1.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| J3 | -2.000 | 1.000 | 43.000 | 42.000 | 3.000 | 10.000 | 5.000 | 50.000 | 4.000 | 53.000 |
| J3 | 54.000 | 26.000 | 0 | 201.000 | 0 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 110.200 | 0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .110 | .110 | .060 | .200 | .400 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 2150.000 | 2150.000 | 2150.000 | 2150.000 | 900.000 | 1675.000 | 3750.000 | -0 | -0 |

*** SURVEYED 25 FT BELOW FALLS ***

| | | | | | | | | | | |
|----|--------|---------|--------|---------|--------|---------|--------|---------|---------|---------|
| X1 | 1.000 | 9.000 | 40.000 | 150.000 | 0 | -0 | -0 | -0 | -19.200 | -0 |
| GR | 82.400 | 30.000 | 58.500 | 40.000 | 52.100 | 50.000 | 49.900 | 60.000 | 48.200 | 100.000 |
| GR | 49.800 | 140.000 | 71.200 | 150.000 | 79.600 | 200.000 | 82.700 | 210.000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|
| X1 | 1000.000 | 0 | 0 | 0 | 1000.000 | 1000.000 | 1000.000 | 0 | 4.000 | 0 |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|

| | | | | | | | | | | |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|
| X1 | 2000.000 | 0 | 0 | 0 | 1000.000 | 1000.000 | 1000.000 | 0 | 3.500 | 0 |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|

| | | | | | | | | | | |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|
| X1 | 3000.000 | 0 | 0 | 0 | 1000.000 | 1000.000 | 1000.000 | 0 | 3.500 | 0 |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|

| | | | | | | | | | | |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|
| X1 | 4000.000 | 0 | 0 | 0 | 1000.000 | 1000.000 | 1000.000 | 0 | 3.800 | 0 |
|----|----------|---|---|---|----------|----------|----------|---|-------|---|

*** AT BASE OF FALLS ***

| | | | | | | | | | | |
|----|----------|----------|----------|----------|----------|----------|----------|----------|-------|---|
| X1 | 5675.000 | 0 | 0 | 0 | 1675.000 | 1675.000 | 1675.000 | 0 | 4.400 | 0 |
| QT | 7.000 | 1700.000 | 1700.000 | 1700.000 | 1700.000 | 680.000 | 1310.000 | 3025.000 | 0 | 0 |
| ET | -0 | 0 | 60.200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*** TOP OF FALLS ***

| | | | | | | | | | | |
|----|----------|---------|---------|---------|--------|---------|--------|---------|---------|---------|
| X1 | 5700.000 | 10.000 | 180.000 | 238.000 | 25.000 | 25.000 | 25.000 | 0 | 0 | 0 |
| GR | 100.000 | 0 | 74.700 | 180.000 | 69.400 | 190.000 | 68.900 | 200.000 | 69.400 | 210.000 |
| GR | 73.600 | 238.000 | 75.000 | 250.000 | 78.000 | 300.000 | 80.500 | 325.000 | 100.000 | 400.000 |

| | | | | | | | | | | |
|----|----------|---|---|---|-------|-------|-------|---|---|---|
| X1 | 5705.000 | 0 | 0 | 0 | 5.000 | 5.000 | 5.000 | 0 | 0 | 0 |
|----|----------|---|---|---|-------|-------|-------|---|---|---|

| | | | | | | | | | | |
|----|----------|---|---|---|-------|-------|-------|---|---|---|
| X1 | 5710.000 | 0 | 0 | 0 | 5.000 | 5.000 | 5.000 | 0 | 0 | 0 |
|----|----------|---|---|---|-------|-------|-------|---|---|---|

| | | | | | | | | | | |
|----|----------|---|---|---|--------|--------|--------|---|---|---|
| X1 | 5725.000 | 0 | 0 | 0 | 15.000 | 15.000 | 15.000 | 0 | 0 | 0 |
|----|----------|---|---|---|--------|--------|--------|---|---|---|

X1 5750.000 -0 -0 -0 25.000 25.000 25.000 -0 -0 -0

X1 5800.000 -0 -0 -0 50.000 50.000 50.000 -0 -0 -0

X1 5880.000 11.000 120.000 180.000 80.000 80.000 80.000 -0 -0 -0
GR 100.000 0 94.800 22.000 91.500 50.000 84.700 100.000 83.200 120.000
GR 69.000 150.000 83.200 180.000 83.300 200.000 85.800 250.000 87.200 300.000
GR 100.000 350.000 -0 -0 -0 -0 -0 -0 -0 -0

X1 6095.000 -0 -0 -0 215.000 215.000 215.000 -0 -0 -0
NC .070 .070 .040 -0 -0 -0 -0 -0 -0

X1 6145.000 14.000 90.000 210.000 50.000 50.000 50.000 -0 -0 -0
X3 10.000 -0 -0 -0 -0 -0 -0 105.000 105.000 -0
GR 100.000 0 94.800 22.000 91.500 50.000 87.000 90.000 84.700 100.000
GR 83.200 120.000 69.000 140.000 69.000 160.000 83.200 180.000 83.300 200.000
GR 84.000 210.000 85.800 250.000 87.200 300.000 100.000 350.000 -0 -0

*** RR TRUSSEL ***

X1 6150.000 21.000 90.000 210.000 5.000 5.000 5.000 -0 -0 -0
X2 -0 -0 -0 102.500 102.000 -0 -0 -0 -0 -0
GR 105.000 0 105.000 90.000 87.000 90.000 84.700 100.000 83.200 116.000
GR 102.500 116.000 102.500 120.000 69.000 140.000 69.000 147.000 102.500 147.000
GR 102.500 150.000 69.000 150.000 69.000 160.000 83.200 180.000 102.500 180.000
GR 102.500 184.000 83.200 184.000 83.300 200.000 84.000 210.000 105.000 210.000
GR 105.000 350.000 -0 -0 -0 -0 -0 -0 -0 -0

X1 6170.000 -0 -0 -0 20.000 20.000 20.000 -0 -0 -0
X2 -0 -0 -0 102.500 105.000 -0 -0 -0 -0 -0

X1 6175.000 14.000 90.000 210.000 5.000 5.000 5.000 -0 -0 -0
X3 10.000 -0 -0 -0 -0 -0 -0 105.000 105.000 -0
GR 100.000 0 94.800 22.000 91.500 50.000 87.000 90.000 84.700 100.000
GR 83.200 120.000 69.000 140.000 69.000 160.000 83.200 180.000 83.300 200.000
GR 84.000 210.000 85.800 250.000 87.200 300.000 100.000 350.000 -0 -0
NC .110 .110 .060 -0 -0 -0 -0 -0 -0

X1 6230.000 11.000 120.000 180.000 55.000 55.000 55.000 -0 1.000 -0
GR 100.000 0 94.800 22.000 91.500 50.000 84.700 100.000 83.200 120.000
GR 69.000 150.000 83.200 180.000 83.300 200.000 85.800 250.000 87.200 300.000
GR 100.000 350.000 -0 -0 -0 -0 -0 -0 -0 -0

X1 6500.000 -0 -0 -0 270.000 270.000 270.000 -0 5.000 -0

X1 7500.000 -0 -0 -0 1000.000 1000.000 1000.000 -0 5.300 -0
E1 -0 -0 6.400 -0 -0 -0 -0 -0 -0

X1 1026.000 17.000 395.000 405.000 2760.000 2760.000 2760.000 -0 -13.200 -0
GR 116.200 75.000 114.200 100.000 110.800 150.000 108.600 200.000 106.600 250.000
GR 104.700 300.000 104.200 350.000 102.600 395.000 99.400 399.000 99.400 401.000
GR 103.900 405.000 105.400 450.000 107.700 500.000 109.900 550.000 111.800 600.000
GR 114.800 633.000 116.400 668.000 -0 -0 -0 -0 -0 -0
QT 7.000 1420.000 1420.000 1420.000 1420.000 560.000 1090.000 2570.000 -0 -0

| | | | | | | | | | | |
|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 10560.000 | -0 | -0 | -0 | 300.000 | 300.000 | 300.000 | -0 | 1.800 | -0 |
| X1 | 11560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5.500 | -0 |
| NC | .080 | .080 | .060 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 12560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5.400 | -0 |
| X1 | 13060.000 | -0 | -0 | -0 | 500.000 | 500.000 | 500.000 | -0 | .500 | -0 |
| *** US 401 *** | | | | | | | | | | |
| X1 | 13110.000 | 17.000 | 391.000 | 408.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 109.300 | 110.000 | -0 |
| GR | 116.200 | 75.000 | 114.200 | 100.000 | 110.800 | 150.000 | 108.600 | 200.000 | 106.600 | 250.000 |
| GR | 104.700 | 300.000 | 104.200 | 350.000 | 102.600 | 390.000 | 100.000 | 391.000 | 100.000 | 408.000 |
| GR | 103.900 | 410.000 | 105.400 | 450.000 | 107.700 | 500.000 | 109.900 | 550.000 | 111.800 | 600.000 |
| GR | 114.800 | 633.000 | 116.400 | 668.000 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1.250 | 1.680 | 215.000 | -0 | 17.000 | 1.000 | 96.000 | -0 | 100.300 | 100.000 |
| X1 | 13210.000 | -0 | -0 | -0 | 100.000 | 100.000 | 100.000 | -0 | .300 | -0 |
| X2 | -0 | -0 | 1.000 | 106.300 | 109.300 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 109.300 | 110.000 | -0 |
| BT | 14.000 | 75.000 | 116.200 | -0 | 100.000 | 114.200 | -0 | 150.000 | 110.600 | -0 |
| BT | 200.000 | 110.700 | -0 | 250.000 | 109.900 | -0 | 300.000 | 109.300 | -0 | 391.000 |
| BT | 110.000 | -0 | 408.000 | 110.000 | -0 | 450.000 | 110.900 | -0 | 500.000 | 112.200 |
| BT | -0 | 550.000 | 113.400 | -0 | 600.000 | 114.800 | -0 | 625.000 | 115.600 | -0 |
| BT | 668.000 | 116.400 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 1290.000 | 1290.000 | 1290.000 | 1290.000 | 500.000 | 990.000 | 2350.000 | -0 | -0 |
| NC | .110 | .110 | .060 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 13260.000 | 17.000 | 395.000 | 405.000 | 50.000 | 50.000 | 50.000 | -0 | 1.000 | -0 |
| GR | 116.200 | 75.000 | 114.200 | 100.000 | 110.800 | 150.000 | 108.600 | 200.000 | 106.600 | 250.000 |
| GR | 104.700 | 300.000 | 104.200 | 350.000 | 102.600 | 395.000 | 99.400 | 399.000 | 99.400 | 401.000 |
| GR | 103.900 | 405.000 | 105.400 | 450.000 | 107.700 | 500.000 | 109.900 | 550.000 | 111.800 | 600.000 |
| GR | 114.800 | 633.000 | 116.400 | 668.000 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 13760.000 | 20.000 | 467.000 | 481.000 | 500.000 | 500.000 | 500.000 | -0 | -3.100 | -0 |
| GR | 138.000 | 0 | 131.100 | 12.000 | 128.400 | 71.000 | 127.500 | 100.000 | 125.500 | 200.000 |
| GR | 124.200 | 300.000 | 120.200 | 375.000 | 114.900 | 400.000 | 108.600 | 431.000 | 108.900 | 467.000 |
| GR | 106.300 | 469.000 | 105.500 | 474.000 | 107.500 | 479.000 | 109.100 | 481.000 | 108.500 | 500.000 |
| GR | 108.900 | 527.000 | 118.700 | 580.000 | 120.100 | 600.000 | 124.700 | 700.000 | 124.800 | 800.000 |
| X1 | 14560.000 | -0 | -0 | -0 | 800.000 | 800.000 | 800.000 | -0 | 3.100 | -0 |
| X1 | 15560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5.700 | -0 |
| X1 | 16560.000 | -0 | -0 | -0 | 1000.000 | 1000.000 | 1000.000 | -0 | 5.800 | -0 |
| X1 | 17690.000 | 26.000 | 567.000 | 585.000 | 1130.000 | 1130.000 | 1130.000 | -0 | -0 | -0 |
| GR | 161.800 | 0 | 150.800 | 100.000 | 142.100 | 200.000 | 133.900 | 500.000 | 130.100 | 340.000 |
| GR | 128.500 | 400.000 | 125.800 | 500.000 | 129.200 | 567.000 | 123.600 | 570.000 | 122.800 | 572.000 |
| GR | 123.600 | 575.000 | 124.800 | 578.000 | 129.200 | 585.000 | 126.100 | 600.000 | 132.200 | 700.000 |
| GR | 134.200 | 614.000 | 135.500 | 900.000 | 135.700 | 1000.000 | 135.500 | 1100.000 | 135.700 | 1152.000 |
| GR | 136.700 | 1200.000 | 140.900 | 1300.000 | 146.400 | 1400.000 | 151.700 | 1500.000 | 157.200 | 1600.000 |

| | | | | | | | | | | | |
|----|---------|----------|----------|----------|----------|---------|---------|----------|----|----|----|
| GR | 163.000 | 1700.000 | -0 | =0 | =0 | =0 | =0 | =0 | =0 | =0 | =0 |
| QT | 7.000 | 1060.000 | 1060.000 | 1060.000 | 1060.000 | 350.000 | 790.000 | 2035.000 | -0 | -0 | -0 |
| NC | .100 | .100 | .050 | =0 | =0 | =0 | =0 | =0 | =0 | =0 | =0 |

*** WOODED LAKE DAM ***

*** QMS REDUCED BY 100 CFS TO ADJUST FOR PIPE DISCHARGE ***

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17740.000 | 14.000 | 567.000 | 585.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| GR | 165.800 | 0 | 153.000 | 100.000 | 145.000 | 200.000 | 139.000 | 300.000 | 135.000 | 567.000 |
| GR | 132.800 | 567.000 | 132.800 | 585.000 | 134.000 | 585.000 | 134.000 | 700.000 | 136.500 | 1200.000 |
| GR | 140.000 | 1300.000 | 146.000 | 1400.000 | 149.000 | 1500.000 | 154.000 | 1600.000 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17752.000 | 20.000 | 567.000 | 583.000 | 12.000 | 12.000 | 12.000 | -0 | -0 | -0 |
| RT | 2.000 | 567.000 | 135.300 | 134.800 | 583.000 | 135.300 | 134.800 | -0 | -0 | -0 |
| GR | 165.800 | 0 | 153.900 | 100.000 | 145.200 | 200.000 | 140.000 | 300.000 | 135.400 | 337.000 |
| GR | 135.300 | 367.000 | 135.300 | 567.000 | 132.800 | 567.000 | 132.800 | 583.000 | 135.300 | 583.000 |
| GR | 134.900 | 616.000 | 134.600 | 700.000 | 135.000 | 750.000 | 135.900 | 900.000 | 136.500 | 1000.000 |
| GR | 136.700 | 1100.000 | 137.200 | 1200.000 | 141.700 | 1300.000 | 146.400 | 1400.000 | 149.400 | 1500.000 |

| | | | | | | | | | | |
|----|-----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 17765.000 | -0 | -0 | =0 | 13.000 | 13.000 | 13.000 | -0 | -0 | -0 |
| X2 | -0 | =0 | -0 | -0 | -0 | -0 | 1.000 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 17780.000 | 14.000 | 567.000 | 585.000 | 15.000 | 15.000 | 15.000 | -0 | -0 | -0 |
| GR | 165.800 | 0 | 153.000 | 100.000 | 145.000 | 200.000 | 139.000 | 300.000 | 135.000 | 567.000 |
| GR | 132.800 | 567.000 | 132.800 | 585.000 | 134.000 | 585.000 | 134.000 | 700.000 | 136.500 | 1200.000 |
| GR | 140.000 | 1300.000 | 146.000 | 1400.000 | 149.000 | 1500.000 | 154.000 | 1600.000 | -0 | -0 |
| QT | 7.000 | 1160.000 | 1160.000 | 1160.000 | 1160.000 | 450.000 | 890.000 | 2135.000 | -0 | -0 |

*** NORMAL QMS RESTORED ***

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17830.000 | 26.000 | 300.000 | 700.000 | 50.000 | 50.000 | 50.000 | -0 | 3.300 | -0 |
| GR | 161.800 | 0 | 150.800 | 100.000 | 142.100 | 200.000 | 133.900 | 300.000 | 130.100 | 340.000 |
| GR | 128.500 | 400.000 | 125.800 | 500.000 | 125.200 | 567.000 | 123.600 | 570.000 | 122.800 | 572.000 |
| GR | 123.600 | 575.000 | 124.800 | 578.000 | 125.200 | 585.000 | 126.100 | 600.000 | 132.200 | 700.000 |
| GR | 134.200 | 814.000 | 135.500 | 900.000 | 135.700 | 1000.000 | 135.500 | 1100.000 | 135.700 | 1152.000 |
| GR | 136.700 | 1200.000 | 140.900 | 1300.000 | 146.400 | 1400.000 | 151.700 | 1500.000 | 157.200 | 1600.000 |
| GR | 163.000 | 1700.000 | -0 | -0 | =0 | =0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 17835.000 | =0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 17840.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|------|------|----|-------|-------|-------|----|----|----|
| X1 | 17845.000 | =0 | =0 | =0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
| NC | .110 | .110 | .070 | -0 | =0 | =0 | -0 | -0 | -0 | -0 |

*** UPPER END OF LAKE

| | | | | | | | | | | |
|----|-----------|----|----|----|----------|----------|----------|-------|-------|----|
| X1 | 19440.000 | =0 | -0 | -0 | 1595.000 | 1595.000 | 1595.000 | 2.000 | 9.000 | -0 |
|----|-----------|----|----|----|----------|----------|----------|-------|-------|----|

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 20460.000 | 16.000 | 316.000 | 330.000 | 1020.000 | 1020.000 | 1020.000 | 2.000 | -3.700 | -0 |
| GR | 160.000 | 0 | 151.900 | 50.000 | 147.900 | 150.000 | 143.100 | 203.000 | 143.300 | 250.000 |
| GR | 142.800 | 316.000 | 142.000 | 322.000 | 141.600 | 324.000 | 142.100 | 327.000 | 143.000 | 330.000 |
| GR | 143.100 | 350.000 | 144.600 | 450.000 | 148.500 | 550.000 | 153.000 | 650.000 | 158.300 | 750.000 |
| GR | 168.300 | 850.000 | -0 | =0 | =0 | =0 | =0 | -0 | -0 | =0 |
| FT | -0 | =0 | 9.100 | -0 | =0 | =0 | =0 | -0 | 180.000 | 440.000 |

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|----------|-------|----|
| X1 | 21040.000 | -0 | -0 | -0 | 580.000 | 580.000 | 580.000 | .500 | 2.900 | -0 |
| NC | .100 | .100 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 975.000 | 975.000 | 975.000 | 975.000 | 370.000 | 735.000 | 1800.000 | -0 | -0 |
| ET | -0 | -0 | 6.400 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** DAM OF 2ND LAKE ***

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 21090.000 | 16.000 | 322.000 | 326.000 | 50.000 | 50.000 | 50.000 | -0 | .600 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 163.600 | 165.200 | -0 |
| GR | 160.000 | 0 | 151.900 | 50.000 | 147.900 | 150.000 | 143.100 | 203.000 | 143.300 | 250.000 |
| GR | 142.800 | 316.000 | 142.000 | 322.000 | 141.600 | 324.000 | 142.100 | 326.000 | 143.000 | 330.000 |
| GR | 143.100 | 350.000 | 144.600 | 450.000 | 148.500 | 550.000 | 153.000 | 650.000 | 158.300 | 750.000 |
| GR | 168.300 | 850.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1.000 | 3.800 | 2.500 | -0 | 4.000 | .700 | 15.000 | -0 | 143.400 | 141.700 |

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|----------|---------|----------|----------|---------|---------|
| X1 | 21230.000 | -0 | -0 | -0 | 140.000 | 140.000 | 140.000 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1.000 | 146.200 | 163.600 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 163.600 | 165.200 | -0 |
| BT | 16.000 | 0 | 169.400 | -0 | 100.000 | 165.800 | 0 | 200.000 | 165.000 | -0 |
| BT | 274.000 | 163.600 | -0 | 300.000 | 165.200 | -0 | 400.000 | 166.700 | -0 | 456.000 |
| BT | 166.100 | -0 | 500.000 | 165.500 | -0 | 600.000 | 165.800 | -0 | 900.000 | 166.100 |
| BT | -0 | 1000.000 | 166.900 | -0 | 1100.000 | 167.600 | -0 | 1185.000 | 166.800 | -0 |
| BT | 1200.000 | 166.500 | -0 | 1300.000 | 172.600 | -0 | 1400.000 | 180.200 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 21280.000 | 16.000 | 50.000 | 750.000 | 50.000 | 50.000 | 50.000 | -0 | .600 | -0 |
| GR | 170.000 | 0 | 151.900 | 50.000 | 147.900 | 150.000 | 143.100 | 203.000 | 143.300 | 250.000 |
| GR | 142.800 | 316.000 | 142.000 | 322.000 | 141.600 | 324.000 | 142.100 | 327.000 | 143.000 | 330.000 |
| GR | 143.100 | 350.000 | 144.600 | 450.000 | 148.500 | 550.000 | 153.000 | 650.000 | 158.300 | 750.000 |
| GR | 168.300 | 850.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21285.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21290.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21295.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|
| X1 | 21300.000 | -0 | -0 | -0 | 5.000 | 5.000 | 5.000 | -0 | -0 | -0 |
|----|-----------|----|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|----------|----------|----------|----------|-------|----|
| X1 | 22760.000 | -0 | -0 | -0 | 1460.000 | 1460.000 | 1460.000 | -0 | 6.000 | -0 |
| QT | 7.000 | 670.000 | 670.000 | 670.000 | 670.000 | 240.000 | 500.000 | 1290.000 | -0 | -0 |
| NC | .100 | .100 | .070 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*** UPPER END

| | | | | | | | | | | |
|----|-----------|----|--------|----|----------|----------|----------|----|-------|----|
| X1 | 23960.000 | -0 | -0 | -0 | 1200.000 | 1200.000 | 1200.000 | -0 | 6.800 | -0 |
| ET | -0 | -0 | 50.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|---------|----------|---------|----------|---------|---------|
| X1 | 24440.000 | 24.000 | 696.000 | 718.000 | 480.000 | 480.000 | 480.000 | -0 | -3.000 | -0 |
| GR | 205.500 | 0 | 199.900 | 100.000 | 191.400 | 200.000 | 185.800 | 300.000 | 182.700 | 400.000 |
| GR | 178.800 | 500.000 | 178.300 | 515.000 | 176.700 | 524.000 | 173.500 | 600.000 | 167.600 | 696.000 |
| GR | 165.100 | 700.000 | 164.200 | 712.000 | 169.700 | 717.000 | 167.700 | 718.000 | 168.300 | 727.000 |
| GR | 174.100 | 800.000 | 178.400 | 848.000 | 178.400 | 891.000 | 179.800 | 900.000 | 180.500 | 913.000 |
| GR | 180.200 | 1000.000 | 193.000 | 1100.000 | 206.100 | 1200.000 | 212.800 | 1291.000 | -0 | -0 |
| ET | -0 | -0 | 9.100 | -0 | -0 | -0 | -0 | -0 | 650.000 | 750.000 |

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTEVILLE NC FIS
 T2 50 YR NATURAL
 T3 CEDAR FALLS CR

| | | | | | | | | | | |
|----|--------|-------|--------|-------|---------|--------|-------|-----|--------|--------|
| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | 0 | WSEL | FO |
| | -10. | 7. | -0 | -0 | .004000 | -0 | -0 | -0 | 37.000 | -0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | EN | ALLDC | IBW | CHNIM | ITRACE |
| | 2.000 | -0 | -1.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

*PROF 2

CCHV= .200 CEHV= .400

*SECNO 1.000

| SECNO | DEPTH | CWSEL | CRWS | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|-------|-------|-------|-------|--------|------|-------|-------|--------|------------|
| 0 | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |

*** SURVEYED 25 FT BELOW FALLS ***

| | | | | | | | | | |
|---------|------|-------|----|-------|-------|------|---|-------|--------|
| 1.00 | 5.54 | 34.54 | 0 | 37.00 | 34.80 | .26 | 0 | 0 | 39.30 |
| 1675. | 0 | 1675. | 0 | 0 | 411. | 0 | 0 | 0 | 52.00 |
| 0 | 0 | 4.08 | 0 | .110 | .060 | .110 | 0 | 29.00 | 47.43 |
| .003994 | -0 | -0 | -0 | 0 | 0 | 4 | 0 | 94.41 | 141.84 |

*SECNO 1000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|-------|--------|
| 1000.00 | 5.55 | 38.55 | 0 | 0 | 38.81 | .26 | 4.00 | .00 | 43.30 |
| 1675. | 0 | 1675. | 0 | 0 | 410. | 0 | 9. | 2. | 56.00 |
| .07 | 0 | 4.08 | 0 | .110 | .060 | .110 | .060 | 33.00 | 47.44 |
| .004012 | 1000. | 1000. | 1000. | 0 | 0 | 1 | 0 | 94.40 | 141.84 |

*SECNO 2000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|-------|--------|
| 2000.00 | 5.77 | 42.27 | 0 | 0 | 42.50 | .23 | 3.69 | .01 | 46.80 |
| 1675. | 0 | 1675. | 0 | 0 | 432. | 0 | 10. | 4. | 59.50 |
| .14 | 0 | 3.88 | 0 | .110 | .060 | .110 | .060 | 36.50 | 47.08 |
| .003406 | 1000. | 1000. | 1000. | 2 | 0 | 1 | 0 | 94.87 | 141.95 |

*SECNO 3000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|-------|--------|
| 3000.00 | 5.73 | 45.73 | 0 | 0 | 45.97 | .24 | 3.46 | .00 | 50.30 |
| 1675. | 0 | 1675. | 0 | 0 | 427. | 0 | 29. | 7. | 63.00 |
| .21 | 0 | 3.92 | 0 | .110 | .060 | .110 | .060 | 40.00 | 47.16 |
| .003525 | 1000. | 1000. | 1000. | 1 | 0 | 1 | 0 | 94.77 | 141.93 |

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTEVILLE NC FIS
 T2 100 YR NATURAL
 T3 CEDAR FALLS CR

| | | | | | | | | | | |
|----|--------|-------|--------|-------|---------|--------|-------|-----|--------|--------|
| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | 0 | WSEL | FO |
| | -10. | 2. | -0 | -0 | .004000 | .0 | -0 | -0 | 38.000 | -0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLOC | IBW | CHNIM | ITRACE |
| | 3.000 | -0 | -1.000 | -0 | -0 | -0 | -0 | -0 | -0 | 15.000 |

*PROF 5

CCHV= .200 CEHV= .400
 *SECNO 1.000

| SFCNO | DEPTH | WSEL | CRIS | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|-------|-------|------|-------|--------|------|-------|-------|--------|------------|
| 0 | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |

*** SURVEYED 25 FT BELOW FALLS ***

| | | | | | | | | | |
|---------|------|-------|----|-------|-------|------|---|-------|--------|
| 1.00 | 6.29 | 35.29 | 0 | 38.00 | 35.60 | .31 | 0 | 0 | 39.30 |
| 2150. | 0 | 2150. | 0 | 0 | 482. | 0 | 0 | 0 | 52.00 |
| 0 | 0 | 4.46 | 0 | .110 | .060 | .110 | 0 | 29.00 | 46.27 |
| .003990 | -0 | -0 | -0 | 0 | 0 | 4 | 0 | 95.92 | 142.19 |

FLOW DISTRIBUTION

STA= 46, 150.
 PER Q= 100.0
 AREA= 481.6
 VEL= 4.5

*SECNO 1000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|-------|--------|
| 1000.00 | 6.28 | 39.28 | 0 | 0 | 39.59 | .31 | 4.00 | .00 | 43.30 |
| 2150. | 0 | 2150. | 0 | 0 | 481. | 0 | 11. | 2. | 56.00 |
| .06 | 0 | 4.47 | 0 | .110 | .060 | .110 | .060 | 33.00 | 46.27 |
| .004000 | 1000. | 1000. | 1000. | 1 | 0 | 1 | 0 | 95.92 | 142.19 |

FLOW DISTRIBUTION

STA= 46, 150.
 PER Q= 100.0
 AREA= 481.2
 VEL= 4.5

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTEVILLE NC FIS
 T2 500 YR NATURAL
 T3 CEDAR FALLS CR

| | | | | | | | | | | |
|----|--------|------|--------|-------|---------|--------|-------|-----|--------|--------|
| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
| | -10. | 8. | -0 | 0 | .004000 | 0 | -0 | -0 | 40.000 | 0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | EN | ALLDC | IBW | CHNIM | ITRACE |
| | 15.000 | 0 | -1.000 | 0 | 0 | 0 | -0 | -0 | 0 | 0 |

*PROF 4

GCHV= .200 CEHV= .400

*SECNO 1.000

| SECNO | DEPTH | CWSEL | CRWS | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|-------|-------|-------|-------|--------|------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |

*** SURVEYED 25 FT BELOW FALLS ***

| | | | | | | | | | |
|---------|------|-------|----|-------|-------|------|---|--------|--------|
| 1.00 | 8.40 | 37.40 | 0 | 40.00 | 37.86 | .46 | 0 | 0 | 39.30 |
| 3750. | 0 | 3750. | 0 | 0 | 689. | 0 | 0 | 0 | 52.00 |
| 0 | 0 | 5.45 | 0 | .110 | .060 | .110 | 0 | 29.00 | 42.97 |
| .003997 | 0 | -0 | -0 | 0 | 0 | 4 | 0 | 100.21 | 143.18 |

*SECNO 1000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|--------|--------|
| 1000.00 | 8.40 | 41.40 | 0 | 0 | 41.86 | .46 | 4.00 | .00 | 43.30 |
| 3750. | 0 | 3750. | 0 | 0 | 688. | 0 | 16. | 2. | 56.00 |
| .05 | 0 | 5.45 | 0 | .110 | .060 | .110 | .060 | 33.00 | 42.98 |
| .004003 | 1000. | 1000. | 1000. | 0 | 0 | 1 | 0 | 100.20 | 143.18 |

*SECNO 2000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|--------|--------|
| 2000.00 | 8.69 | 45.19 | 0 | 0 | 45.62 | .42 | 3.75 | .01 | 46.80 |
| 3750. | 0 | 3750. | 0 | 0 | 718. | 0 | 32. | 5. | 59.50 |
| .10 | 0 | 5.22 | 0 | .110 | .060 | .110 | .060 | 36.50 | 42.51 |
| .003516 | 1000. | 1000. | 1000. | 2 | 0 | 1 | 0 | 100.80 | 143.31 |

*SECNO 3000.000

| | | | | | | | | | |
|---------|-------|-------|-------|------|-------|------|------|--------|--------|
| 3000.00 | 8.70 | 48.70 | 0 | 0 | 49.12 | .42 | 3.51 | .00 | 50.30 |
| 3750. | 0 | 3750. | 0 | 0 | 719. | 0 | 48. | 7. | 63.00 |
| .16 | 0 | 5.22 | 0 | .110 | .060 | .110 | .060 | 40.00 | 42.50 |
| .003501 | 1000. | 1000. | 1000. | 2 | 0 | 1 | 0 | 100.82 | 143.32 |