**State Water Survey Division**
SURFACE WATER SECTION

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# DESIRABLE LOW FLOW RELEASES FROM IMPOUNDING RESERVOIRS: FISH HABITATS AND RESERVOIR COSTS

## Volume II: Appendices



*by*

*Krishan P. Singh, Ph.D., Principal Scientist*
*Ganapathi S. Ramamurthy, Graduate Research Assistant*

**Prepared for**
**Illinois Environmental Protection Agency**

**Champaign, Illinois**

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# DESIRABLE LOW FLOW RELEASES FROM IMPOUNDING RESERVOIRS: FISH HABITATS AND RESERVOIR COSTS

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TABLE 1

Table 1 contains 123 gaging stations: USGS number; stream and gaging station; the drainage area in square miles; mean flow in cfs; and the 7-day 10-year low-flow, $Q_{7,10}$, in cfs.

The reservoir storage and reservoir cost information is provided for 112 gaging stations for which necessary data are available from Bulletin 51 (*Low Flows of Illinois Streams for Impounding Reservoir Design*, by John B. Stall, 1964) and its recent update (1981). For 23 stations, the information on storage for a draft rate equal to 2 percent of mean flow was not available because these stations are not included in the update of Bulletin 51.

TABLE 1. STREAM GAGING STATIONS IN ILLINOIS

| NO. | USGS NO. | STREAM AND GAGING STATION | D.A. IN SQ MI | Q(7,10) CFS | MEAN Q CFS |
|---|---|---|---|---|---|
| 1 | 03336900 | SALT FORK NEAR ST. JOSEPH | 134 | 3.60 | 110 |
| 2 | 03337000 | BONEYARD CREEK AT URBANA | 4.46 | 0.70 | 4.51 |
| 3 | 03337500 | WEST BRANCH SALT FORK AT URBANA | 68 | 1.00 | 51.5 |
| 4 | 03338500 | VERMILION RIVER NEAR CATLIN | 958 | 19.0 | 704 |
| 5 | 03339000 | VERMILION RIVER NEAR DANVILLE | 1290 | 33 .0 | 939 |
| 6 | 03343400 | EMBARRAS RIVER NEAR CAMARGO | 186 | 0.00 | 154 |
| 7 | 03345500 | EMBARRAS RIVER AT STE. MARIE | 1516 | 16.6 | 1216 |
| 8 | 03346000 | NORTH FORK EMBARRAS RIVER NEAR OBLONG | 319 | 0.00 | 252 |
| 9 | 03379500 | LITTLE WABASH RIVER BELOW CLAY CITY | 1131 | 0.47 | 881 |
| 10 | 03380500 | SKILLET FORK AT WAYNE CITY | 464 | 0.00 | 392 |
| 11 | 03381500 | LITTLE WABASH RIVER AT CARMI | 3102 | 5.70 | 2521 |
| 12 | 03612000 | CACHE RIVER AT FORMAN | 244 | 0.00 | 299 |
| 13 | 05415500 | E. F. GALENA RIVER AT COUNCIL HILL | 17.6 | 2.30 | 12.3 |
| 14 | 05419000 | APPLE RIVER NEAR HANOVER | 247 | 20.1 | 167 |
| 15 | 05420000 | PLUM RIVER BELOW CARROLL CK. NEAR SAVANNA | 230 | 10.7 | 147 |
| 16 | 05435500 | PECATONICA RIVER AT FREEPORT | 1326 | 181.0 | 890 |
| 17 | 05437000 | PECATONICA RIVER AT SHIRLAND | 2550 | 393 | 1513 |
| 18 | 05437500 | ROCK RIVER AT ROCKTON | 6363 | 795 | 3892 |
| 19 | 05438250 | COON CREEK AT RILEY | 85.1 | 2.60 | 63.8 |
| 20 | 05438500 | KISHWAUKEE RIVER AT BELVIDERE | 538 | 34.3 | 337 |
| 21 | 05439500 | S. B. KISHAWAUKEE RIVER NEAR FAIRDALE | 387 | 9.90 | 253 |
| 22 | 05440000 | KISHWAUKEE RIVER NEAR PERRYVILLE | 1099 | 62.3 | 690 |
| 23 | 05440500 | KILLBUCK CREEK NEAR MONROE CENTER | 117 | 3.10 | 59.7 |
| 24 | 05441000 | LEAF RIVER AT LEAF RIVER | 103 | 8.40 | 55.7 |
| 25 | 05443500 | ROCK RIVER AT COMO | 8755 | 1097 | 5071 |
| 26 | 05444000 | ELKHORN CREEK NEAR PENROSE | 146 | 15.5 | 95.1 |
| 27 | 05445500 | ROCK CREEK NEAR MORRISON | 158 | 13.6 | 92.2 |
| 28 | 05446500 | ROCK RIVER NEAR JOSLIN | 9551 | 1306 | 5870 |
| 29 | 05447000 | GREEN RIVER AT AMBOY | 201 | 4.90 | 93.0 |
| 30 | 05447500 | GREEN RIVER NEAR GENESEO | 1003 | 49.2 | 595 |
| 31 | 05448000 | MILL CREEK AT MILAN | 62.4 | 0.10 | 42.0 |
| 32 | 05466000 | EDWARDS RIVER NEAR ORION | 155 | 1.70 | 103 |
| 33 | 05466500 | EDWARDS RIVER NEAR NEW BOSTON | 445 | 6.80 | 273 |
| 34 | 05467000 | POPE CREEK NEAR KEITHSBURG | 183 | 1.90 | 103 |
| 35 | 05467500 | HENDERSON CREEK NEAR LITTLE YORK | 151 | 0.03 | 88.8 |
| 36 | 05468500 | CEDAR CREEK AT LITTLE YORK | 130 | 7.40 | 87.3 |
| 37 | 05469000 | HENDERSON CREEK NEAR OQUAWKA | 432 | 7.80 | 279 |
| 38 | 05495500 | BEAR CREEK NEAR MARCELLINE | 349 | 0.00 | 199 |
| 39 | 05510500 | HADLEY CREEK AT KINDERHOOK | 72.7 | 0.00 | 53.5 |
| 40 | 05512500 | BAY CREEK AT PITTSFIELD | 39.4 | 0.00 | 26.7 |

TABLE 1. CONTINUED

| NO. | USGS NO. | STREAM AND GAGING STATION | D.A. IN SQ MI | Q(7,10) CFS | MEAN Q CFS |
|---|---|---|---|---|---|
| 41 | 05513000 | BAY CREEK AT NEBO | 161 | 0.00 | 96.7 |
| 42 | 05520000 | SINGLETON DITCH AT ILLINOI | 220 | 12.7 | 182 |
| 43 | 05520500 | KANKAKEE RIVER AT MOMENCE | 2294 | 411 | 1928 |
| 44 | 05525000 | IROQUOIS RIVER AT IROQUOIS | 686 | 9.10 | 536 |
| 45 | 05525500 | SUGAR CREEK AT MILFORD | 446 | 3.50 | 351 |
| 46 | 05526000 | IROQUOIS RIVER NEAR CHEBANSE | 2091 | 16.6 | 1607 |
| 47 | 05526500 | TERRY CREEK NEAR CUSTER PARK | 12.1 | 0.03 | 9.46 |
| 48 | 05527000 | KANKAKEE RIVER AT CUSTER PARK | 4810 | 445 | 3540 |
| 49 | 05527500 | KANKAKEE RIVER NEAR WILMINGTON | 5150 | 451 | 4092 |
| 50 | 05529000 | DES PLAINES RIVER NEAR DES PLAINES | 360 | 4.30 | 246 |
| 51 | 05531000 | SALT CREEK NEAR ARLINGTON HEIGHTS | 32.1 | 0.00 | 23.3 |
| 52 | 05531500 | SALT CREEK AT WESTERN SPRINGS | 114 | 14.9 | 104 |
| 53 | 05532000 | ADDISON CREEK AT BELLWOOD | 17.9 | 1.80 | 13.9 |
| 54 | 05532500 | DES PLAINES RIVER AT RIVERSIDE | 630 | 18.4 | 448 |
| 55 | 05533000 | FLAG CREEK NEAR WILLOW SPRINGS | 16.5 | 2.50 | 16.2 |
| 56 | 05533500 | DES PLAINES RIVER AT LEMONT | 684 | 24.8 | 434 |
| 57 | 05535000 | SKOKIE RIVER AT LAKE FOREST | 13.0 | 1.30 | 11.9 |
| 58 | 05535500 | W. F. OF N. B. CHICAGO RIVER AT NORTHBROOK | 11.5 | 1.40 | 12.1 |
| 59 | 05536000 | NORTH BRANCH CHICAGO RIVER AT NILES | 100 | 7.60 | 88.3 |
| 60 | 05536215 | THORN CREEK AT GLENWOOD | 24.7 | 14.0 | 36.5 |
| 61 | 05536235 | DEER CREEK NEAR CHICAGO HEIGHTS | 23.1 | 3.00 | 17.2 |
| 62 | 05536255 | BUTTERFIELD CREEK AT FLOSSMOOR | 23.5 | 1.00 | 17.4 |
| 63 | 05536265 | LANSING DITCH NEAR LANSING | 8.84 | 0.00 | 7.83 |
| 64 | 05536270 | NORTH CREEK NEAR LANSING | 16.8 | 0.05 | 14.6 |
| 65 | 05536275 | THORN CREEK AT THORNTON | 104 | 21.3 | 98.5 |
| 66 | 05536290 | LITTLE CALUMET RIVER AT SOUTH HOLLAND | 205 | 34.0 | 178 |
| 67 | 05536340 | MIDLOTHIAN CREEK AT OAK FOREST | 12.6 | 0.00 | 10.9 |
| 68 | 05539000 | HICKORY CREEK AT JOLIET | 107 | 1.90 | 83.0 |
| 69 | 05539900 | W. B. DU PAGE RIVER NEAR WEST CHICAGO | 28.5 | 3.20 | 30.1 |
| 70 | 05540500 | DU PAGE RIVER AT SHOREWOOD | 324 | 45.0 | 249 |
| 71 | 05542000 | MAZON RIVER NEAR COAL CITY | 455 | 0.00 | 320 |
| 72 | 05543500 | ILLINOIS RIVER AT MARSEILLES | 8259 | 3240 | 10700 |
| 73 | 05549000 | BOONE CREEK NEAR MCHENRY | 15.5 | 3.70 | 13.1 |
| 74 | 05550000 | FOX RIVER AT ALGONQUIN | 1403 | 51.0 | 821 |
| 75 | 05550500 | POPLAR CREEK AT ELGIN | 35.2 | 0.96 | 23.7 |
| 76 | 05551200 | FERSON CREEK NEAR ST. CHARLES | 51.7 | 0.23 | 38.9 |
| 77 | 05551700 | BLACKBERRY CREEK NEAR YORKVILLE | 70.2 | 2.50 | 50.2 |
| 78 | 05552500 | FOX RIVER AT DAYTON | 2642 | 198 | 1657 |
| 79 | 05554000 | N. F. VERMILION RIVER NEAR CHARLOTTE | 186 | 0.00 | 124 |
| 80 | 05554500 | VERMILION RIVER AT PONTIAC | 579 | 0.20 | 378 |

TABLE 1. CONCLUDED

| NO. | USGS NO. | STREAM AND GAGING STATION | D.A. IN SQ MI | Q(7,10) CFS | MEAN Q CFS |
|---|---|---|---|---|---|
| 81 | 05555500 | VERMILION RIVER AT LOWELL | 1278 | 7.30 | 734 |
| 82 | 05556500 | BUREAU CREEK AT PRINCETON | 196 | 0.92 | 131 |
| 83 | 05558500 | CROW CREEK (WEST) NEAR HENRY | 56.2 | 0.00 | 36.0 |
| 84 | 05560500 | FARM CREEK AT FARMDALE | 27.4 | 0.00 | 18.2 |
| 85 | 05562000 | FARM CREEK AT EAST PEORIA | 61.2 | 0.00 | 43.8 |
| 86 | 05563000 | KICKAPOO CREEK NEAR KICKAPOO | 119 | 0.53 | 66.7 |
| 87 | 05563500 | KICKAPOO CREEK AT PEORIA | 297 | 1.00 | 168 |
| 88 | 05567500 | MACKINAW RIVER NEAR CONGERVILLE | 767 | 0.54 | 487 |
| 89 | 05568000 | MACKINAW RIVER NEAR GREEN VALLEY | 1089 | 25.5 | 688 |
| 90 | 05568500 | ILLINOIS RIVER AT KINGSTON MINES | 15819 | 3000 | 14632 |
| 91 | 05568800 | INDIAN CREEK NEAR WYOMING | 62.7 | 0.12 | 45.5 |
| 92 | 05569500 | SPOON RIVER AT LONDON MILLS | 1062 | 9.80 | 693 |
| 93 | 05570000 | SPOON RIVER AT SEVILLE | 1636 | 19.0 | 1030 |
| 94 | 05571000 | SANGAMON RIVER AT MAHOMET | 362 | 0.29 | 261 |
| 95 | 05572000 | SANGAMON RIVER AT MONTICELLO | 550 | 2.10 | 400 |
| 96 | 05574500 | FLAT BRANCH NEAR TAYLORVILLE | 276 | 0.00 | 203 |
| 97 | 05575500 | SOUTH FORK SANGAMON RIVER AT KINCAID | 562 | 0.79 | 408 |
| 98 | 05576000 | SOUTH FORK SANGAMON RIVER NEAR ROCHESTER | 867 | 0.84 | 571 |
| 99 | 05576500 | SANGAMON RIVER AT RIVERTON | 2618 | 37.2 | 1695 |
| 100 | 05578500 | SALT CREEK NEAR ROWELL | 335 | 2.20 | 237 |
| 101 | 05579500 | LAKE FORK NEAR CORNLAND | 214 | 2.00 | 146 |
| 102 | 05580000 | KICKAPOO CREEK AT WAYNESVILLE | 227 | 0.48 | 152 |
| 103 | 05580500 | KICKAPOO CREEK NEAR LINCOLN | 306 | 2.50 | 187 |
| 104 | 05581500 | SUGAR CREEK NEAR HARTSBURG | 333 | 11.9 | 197 |
| 105 | 05582000 | SALT CREEK NEAR GREENVIEW | 1804 | 68.6 | 1235 |
| 106 | 05582500 | CRANE CREEK NEAR EASTON | 26.5 | 0.89 | 16.3 |
| 107 | 05583000 | SANGAMON RIVER NEAR OAKFORD | 5093 | 206 | 3261 |
| 108 | 05584500 | LA MOINE RIVER AT COLMAR | 655 | 0.78 | 432 |
| 109 | 05585000 | LA MOINE RIVER AT RIPLEY | 1293 | 9.00 | 780 |
| 110 | 05585500 | ILLINOIS RIVER AT MEREDOSIA | 26028 | 3500 | 21379 |
| 111 | 05587000 | MACOUPIN CREEK NEAR KANE | 868 | 2.00 | 532 |
| 112 | 05589500 | CANTEEN CREEK AT CASEYVILLE | 22.6 | 0.06 | 17.1 |
| 113 | 05590000 | KASKASKIA RIVER AT BONDVILLE | 12.4 | 0.05 | 10.1 |
| 114 | 05592000 | KASKASKIA RIVER AT SHELBYVILLE | 1054 | 10.0 | 788 |
| 115 | 05592500 | KASKASKIA RIVER AT VANDALIA | 1940 | 25.7 | 1412 |
| 116 | 05593000 | KASKASKIA RIVER AT CARLYLE | 2719 | 50.0 | 1944 |
| 117 | 05594000 | SHOAL CREEK NEAR BREESE | 735 | 0.20 | 515 |
| 118 | 05595000 | KASKASKIA RIVER AT NEW ATHENS | 5181 | 93.0 | 3622 |
| 119 | 05596000 | BIG MUDDY RIVER NEAR BENTON | 502 | 30.6 | 452 |
| 120 | 05597000 | BIG MUDDY RIVER AT PLUMFIELD | 794 | 31.0 | 699 |
| 121 | 05599000 | BEAUCOUP CREEK NEAR MATTHEWS | 292 | 0.00 | 223 |
| 122 | 05599500 | BIG MUDDY RIVER AT MURPHYSBORO | 2162 | 35.2 | 1788 |
| 123 | 05600000 | BIG CREEK NEAR WETAUG | 32.2 | 0.00 | 36.4 |

TABLE 5

Table 5 gives storage in acre-feet and cost of reservoir and land in thousands of dollars for net water supply of 2, 5, 10 and 20 percent of mean flow at a gaging station, with different levels of low-flow releases.

| Level | T, yrs | |
|---|---|---|
| 0 | 25 | The storage, $S_o$, is designed for a 25-year drought when no low-flow release is mandated. |
| $Q_{7,10}$ | 10 | The storage, S, is designed for a 10-year drought with $Q_{7,10}$ as the minimum low-flow release from the reservoir; if $S < S_o$, make $S = S_o$. |
| 1* | 5 | The storage, S, is designed for a 5-year drought with C1 as the minimum low-flow release from the reservoir; if $S < S_o$, make $S = S_o$. |
| 1 | 25 | The storage, S, is designed for a 25-year drought with C1 as the minimum low-flow release from the reservoir. |

Note: Extra cost for providing a certain low-flow release equals the cost with release minus the cost with no release or level zero.

* Level 1 through 8 denote low-flow release criteria C1 through C8 as defined below:

C1 = Median 31-day low flow during the period May - October
C2 = Half median 31-day low flow during the period May - October
C3 = Median 61-day low flow during the period May - October
C4 = Half median 61-day low flow during the period May - October
C5 = Flow at 90 percent duration using daily flows May - October
C6 = Flow at 85 percent duration using daily flows May - October
C7 = Flow at 90 percent duration using daily flows for the record
C8 = Flow at 85 percent duration using daily flows for the record

TABLE 5.001 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3336900 Salt Fork near St. Joseph

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 442 | 1821 | 5903 | 0 | 812 | 1876 | 3858 |
| Q7,10 | 10 | 454 | 964 | 2266 | 5922 | 824 | 1283 | 2141 | 3866 |
| 1 | 5 | 1275 | 1927 | 3398 | 6864 | 1515 | 1941 | 2741 | 4240 |
| | 10 | 1972 | 2885 | 4710 | 8974 | 1968 | 2480 | 3353 | 5021 |
| | 20 | 2662 | 3735 | 5892 | 10634 | 2361 | 2905 | 3854 | 5593 |
| | 25 | 2847 | 4012 | 6264 | 11132 | 2460 | 3036 | 4004 | 5759 |
| 2 | 5 | 463 | 814 | 1821 | 5903 | 834 | 1161 | 1876 | 3858 |
| | 10 | 728 | 1275 | 2745 | 6571 | 1087 | 1515 | 2406 | 4126 |
| | 20 | 1077 | 1855 | 3569 | 8034 | 1370 | 1897 | 2825 | 4682 |
| | 25 | 1123 | 1967 | 3838 | 8421 | 1405 | 1965 | 2954 | 4823 |
| 3 | 5 | 1946 | 2836 | 4329 | 8052 | 1953 | 2454 | 3182 | 4689 |
| | 10 | 2908 | 3979 | 5934 | 10209 | 2492 | 3021 | 3871 | 5450 |
| | 20 | 3762 | 5040 | 7312 | 12045 | 2918 | 3497 | 4412 | 6056 |
| | 25 | 4040 | 5383 | 7687 | 12538 | 3049 | 3643 | 4554 | 6214 |
| 4 | 5 | 626 | 1112 | 2271 | 5903 | 994 | 1397 | 2144 | 3858 |
| | 10 | 983 | 1725 | 3302 | 7259 | 1298 | 1816 | 2693 | 4392 |
| | 20 | 1460 | 2375 | 4226 | 8766 | 1643 | 2203 | 3135 | 4947 |
| | 25 | 1537 | 2534 | 4527 | 9192 | 1694 | 2291 | 3271 | 5098 |
| 5 | 5 | 1073 | 1639 | 3093 | 6457 | 1367 | 1761 | 2588 | 4081 |
| | 10 | 1666 | 2523 | 4297 | 8500 | 1778 | 2285 | 3167 | 4852 |
| | 20 | 2307 | 3322 | 5412 | 10098 | 2165 | 2704 | 3655 | 5412 |
| | 25 | 2460 | 3557 | 5776 | 10591 | 2250 | 2819 | 3806 | 5579 |
| 6 | 5 | 1235 | 1863 | 3333 | 6781 | 1487 | 1902 | 2709 | 4208 |
| | 10 | 1911 | 2808 | 4625 | 8879 | 1931 | 2439 | 3315 | 4987 |
| | 20 | 2590 | 3644 | 5793 | 10524 | 2322 | 2862 | 3813 | 5556 |
| | 25 | 2768 | 3916 | 6165 | 11023 | 2418 | 2991 | 3965 | 5723 |
| 7 | 5 | 1134 | 1702 | 3185 | 6575 | 1413 | 1801 | 2635 | 4128 |
| | 10 | 1758 | 2615 | 4412 | 8640 | 1837 | 2336 | 3220 | 4902 |
| | 20 | 2413 | 3433 | 5546 | 10250 | 2225 | 2758 | 3711 | 5464 |
| | 25 | 2576 | 3678 | 5918 | 10749 | 2314 | 2878 | 3864 | 5632 |
| 8 | 5 | 1435 | 2181 | 3656 | 7192 | 1626 | 2092 | 2867 | 4367 |
| | 10 | 2213 | 3193 | 5050 | 9354 | 2111 | 2638 | 3501 | 5155 |
| | 20 | 2950 | 4098 | 6286 | 11071 | 2514 | 3076 | 4013 | 5739 |
| | 25 | 3164 | 4392 | 6658 | 11398 | 2624 | 3211 | 4160 | 5846 |

TABLE 5.002 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3337000 Boneyard Creek at Urbana

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Q7,10 | 10 | 0 | 9 | 15 | 50 | 0 | 90 | 121 | 233 |
| 1 | 5 | 74 | 95 | 103 | 103 | 293 | 336 | 351 | 351 |
| | 10 | 105 | 125 | 132 | 132 | 357 | 392 | 405 | 405 |
| | 20 | 129 | 160 | 173 | 173 | 400 | 453 | 472 | 472 |
| | 25 | 137 | 171 | 185 | 185 | 414 | 470 | 492 | 492 |
| 2 | 5 | 0 | 12 | 25 | 59 | 0 | 106 | 161 | 258 |
| | 10 | 12 | 21 | 38 | 80 | 106 | 144 | 201 | 306 |
| | 20 | 18 | 28 | 46 | 101 | 135 | 169 | 223 | 348 |
| | 25 | 21 | 31 | 47 | 108 | 147 | 181 | 228 | 361 |
| 3 | 5 | 103 | 103 | 103 | 103 | 351 | 351 | 351 | 351 |
| | 10 | 132 | 132 | 132 | 132 | 405 | 405 | 405 | 405 |
| | 20 | 173 | 173 | 173 | 172 | 472 | 472 | 472 | 472 |
| | 25 | 185 | 185 | 185 | 185 | 492 | 492 | 492 | 491 |
| 4 | 5 | 22 | 34 | 51 | 97 | 148 | 190 | 236 | 340 |
| | 10 | 35 | 45 | 64 | 127 | 192 | 220 | 269 | 396 |
| | 20 | 42 | 54 | 82 | 164 | 213 | 244 | 309 | 458 |
| | 25 | 45 | 54 | 88 | 175 | 220 | 245 | 322 | 476 |
| 5 | 5 | 16 | 27 | 45 | 85 | 123 | 166 | 221 | 315 |
| | 10 | 29 | 39 | 57 | 115 | 173 | 204 | 252 | 375 |
| | 20 | 36 | 47 | 71 | 146 | 195 | 226 | 286 | 429 |
| | 25 | 39 | 49 | 74 | 154 | 204 | 231 | 293 | 442 |
| 6 | 5 | 28 | 40 | 55 | 103 | 171 | 206 | 248 | 351 |
| | 10 | 40 | 50 | 72 | 132 | 207 | 235 | 287 | 405 |
| | 20 | 48 | 61 | 92 | 173 | 230 | 262 | 330 | 472 |
| | 25 | 50 | 62 | 99 | 185 | 234 | 265 | 344 | 492 |
| 7 | 5 | 14 | 24 | 43 | 80 | 119 | 157 | 215 | 305 |
| | 10 | 27 | 37 | 54 | 111 | 165 | 198 | 245 | 367 |
| | 20 | 33 | 44 | 67 | 138 | 188 | 219 | 276 | 416 |
| | 25 | 37 | 46 | 69 | 147 | 198 | 225 | 282 | 431 |
| 8 | 5 | 23 | 35 | 51 | 98 | 151 | 192 | 238 | 343 |
| | 10 | 36 | 45 | 65 | 128 | 194 | 222 | 271 | 398 |
| | 20 | 43 | 54 | 83 | 166 | 216 | 246 | 312 | 462 |
| | 25 | 45 | 55 | 90 | 178 | 222 | 247 | 325 | 480 |

TABLE 5.003 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3337500 West Branch Salt Fork at Urbana

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 227 | 933 | 2891 | 0 | 553 | 1259 | 2483 |
| Q7,10 | 10 | 0 | 291 | 933 | 2891 | 0 | 638 | 1259 | 2483 |
| 1 | 5 | 492 | 811 | 1525 | 3133 | 864 | 1159 | 1686 | 2608 |
| | 10 | 838 | 1276 | 2100 | 4139 | 1181 | 1516 | 2045 | 3095 |
| | 20 | 1172 | 1679 | 2680 | 5127 | 1441 | 1787 | 2371 | 3534 |
| | 25 | 1264 | 1782 | 2875 | 5423 | 1507 | 1852 | 2475 | 3660 |
| 2 | 5 | 168 | 272 | 933 | 2891 | 465 | 613 | 1259 | 2483 |
| | 10 | 284 | 542 | 1283 | 3094 | 628 | 915 | 1521 | 2588 |
| | 20 | 445 | 834 | 1687 | 3837 | 815 | 1178 | 1792 | 2954 |
| | 25 | 519 | 930 | 1791 | 4104 | 891 | 1256 | 1857 | 3079 |
| 3 | 5 | 798 | 1223 | 1962 | 3673 | 1147 | 1478 | 1963 | 2875 |
| | 10 | 1256 | 1746 | 2664 | 4794 | 1501 | 1829 | 2362 | 3390 |
| | 20 | 1656 | 2249 | 3337 | 5813 | 1772 | 2131 | 2711 | 3821 |
| | 25 | 1758 | 2404 | 3573 | 6083 | 1836 | 2219 | 2827 | 3931 |
| 4 | 5 | 219 | 433 | 1023 | 2891 | 541 | 802 | 1329 | 2483 |
| | 10 | 410 | 759 | 1522 | 3396 | 777 | 1114 | 1684 | 2740 |
| | 20 | 631 | 1080 | 1967 | 4207 | 1000 | 1373 | 1965 | 3127 |
| | 25 | 715 | 1173 | 2096 | 4483 | 1076 | 1442 | 2042 | 3252 |
| 5 | 5 | 257 | 554 | 1182 | 2891 | 593 | 926 | 1449 | 2483 |
| | 10 | 503 | 923 | 1708 | 3631 | 875 | 1251 | 1805 | 2855 |
| | 20 | 774 | 1271 | 2192 | 4497 | 1127 | 1512 | 2098 | 3258 |
| | 25 | 865 | 1361 | 2341 | 4779 | 1204 | 1575 | 2184 | 3383 |
| 6 | 5 | 375 | 702 | 1378 | 2958 | 738 | 1064 | 1587 | 2518 |
| | 10 | 681 | 1125 | 1928 | 3920 | 1045 | 1406 | 1942 | 2993 |
| | 20 | 991 | 1504 | 2470 | 4855 | 1304 | 1673 | 2256 | 3416 |
| | 25 | 1086 | 1600 | 2645 | 5145 | 1377 | 1736 | 2352 | 3542 |
| 7 | 5 | 300 | 632 | 1285 | 2891 | 648 | 1000 | 1522 | 2483 |
| | 10 | 579 | 1029 | 1819 | 3782 | 951 | 1334 | 1875 | 2928 |
| | 20 | 875 | 1393 | 2337 | 4684 | 1211 | 1598 | 2182 | 3341 |
| | 25 | 972 | 1486 | 2500 | 4970 | 1289 | 1660 | 2273 | 3466 |
| 8 | 5 | 458 | 781 | 1481 | 3081 | 829 | 1133 | 1657 | 2582 |
| | 10 | 793 | 1232 | 2049 | 4075 | 1144 | 1484 | 2015 | 3065 |
| | 20 | 1119 | 1628 | 2618 | 5047 | 1402 | 1754 | 2338 | 3500 |
| | 25 | 1212 | 1729 | 2807 | 5341 | 1470 | 1818 | 2439 | 3625 |

TABLE 5.004 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3338500 Vermilion River near Catlin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 2223 | 7613 | 20516 | 55097 | 2117 | 4526 | 8545 | 16487 |
| Q7,10 | 10 | 4335 | 10556 | 22315 | 55097 | 3185 | 5567 | 9028 | 16487 |
| 1 | 5 | 6487 | 11077 | 21698 | 55097 | 4093 | 5741 | 8864 | 16487 |
| | 10 | 9414 | 15704 | 28601 | 60556 | 5176 | 7183 | 10629 | 17580 |
| | 20 | 12280 | 19587 | 35439 | 72322 | 6132 | 8291 | 12255 | 19846 |
| | 25 | 13205 | 20968 | 37438 | 74172 | 6424 | 8668 | 12712 | 20193 |
| 2 | 5 | 2797 | 7613 | 20516 | 55097 | 2433 | 4526 | 8545 | 16487 |
| | 10 | 4231 | 10348 | 22061 | 55097 | 3137 | 5497 | 8960 | 16487 |
| | 20 | 6181 | 13356 | 27359 | 62244 | 3971 | 6471 | 10322 | 17912 |
| | 25 | 6889 | 14325 | 28982 | 65242 | 4250 | 6770 | 10723 | 18496 |
| 3 | 5 | 7233 | 12131 | 22793 | 55097 | 4382 | 6084 | 9154 | 16487 |
| | 10 | 10458 | 17002 | 30119 | 62292 | 5534 | 7562 | 10999 | 17921 |
| | 20 | 13484 | 21189 | 37137 | 74243 | 6511 | 8727 | 12643 | 20206 |
| | 25 | 14461 | 22621 | 39246 | 76029 | 6811 | 9109 | 13119 | 20539 |
| 4 | 5 | 2924 | 7613 | 20516 | 55097 | 2500 | 4526 | 8545 | 16487 |
| | 10 | 4482 | 10852 | 22679 | 55097 | 3251 | 5666 | 9124 | 16487 |
| | 20 | 6586 | 13937 | 28115 | 63188 | 4132 | 6651 | 10510 | 18097 |
| | 25 | 7296 | 14942 | 29771 | 66180 | 4406 | 6956 | 10915 | 18677 |
| 5 | 5 | 4469 | 9092 | 20516 | 55097 | 3245 | 5063 | 8545 | 16487 |
| | 10 | 6648 | 13012 | 25271 | 56294 | 4156 | 6364 | 9796 | 16729 |
| | 20 | 9127 | 16455 | 31414 | 67320 | 5075 | 7403 | 11310 | 18896 |
| | 25 | 9930 | 17627 | 33217 | 70286 | 5355 | 7741 | 11738 | 19462 |
| 6 | 5 | 5610 | 10147 | 20516 | 55097 | 3738 | 5428 | 8545 | 16487 |
| | 10 | 8200 | 14470 | 27088 | 58654 | 4743 | 6814 | 10254 | 17202 |
| | 20 | 10910 | 18136 | 33633 | 70109 | 5685 | 7886 | 11835 | 19428 |
| | 25 | 11756 | 19428 | 35539 | 73056 | 5963 | 8247 | 12278 | 19984 |
| 7 | 5 | 5350 | 9905 | 20516 | 55097 | 3629 | 5346 | 8545 | 16487 |
| | 10 | 7844 | 14136 | 26670 | 58111 | 4612 | 6712 | 10150 | 17094 |
| | 20 | 10503 | 17751 | 33123 | 69467 | 5549 | 7776 | 11716 | 19306 |
| | 25 | 11359 | 19015 | 35005 | 72419 | 5833 | 8132 | 12155 | 19864 |
| 8 | 5 | 6561 | 11158 | 21814 | 55097 | 4122 | 5768 | 8895 | 16487 |
| | 10 | 9516 | 15831 | 28748 | 60725 | 5211 | 7221 | 10665 | 17613 |
| | 20 | 12397 | 19743 | 35604 | 72509 | 6169 | 8334 | 12293 | 19881 |
| | 25 | 13326 | 21129 | 37614 | 74353 | 6462 | 8711 | 12751 | 20227 |

TABLE 5.005 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3339000 Vermilion River near Danville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 9364 | 25988 | 74191 | 0 | 5159 | 9978 | 20196 |
| Q7,10 | 10 | 6330 | 14719 | 30863 | 74191 | 4030 | 6889 | 11179 | 20196 |
| 1 | 5 | 9013 | 15694 | 30762 | 74191 | 5035 | 7180 | 11154 | 20196 |
| | 10 | 14472 | 23548 | 41666 | 86612 | 6814 | 9352 | 13656 | 22466 |
| | 20 | 18890 | 29957 | 52458 | 101923 | 8097 | 10960 | 15948 | 25147 |
| | 25 | 20347 | 31967 | 55459 | 105841 | 8499 | 11442 | 16560 | 25815 |
| 2 | 5 | 3307 | 9364 | 25988 | 74191 | 2696 | 5159 | 9978 | 20196 |
| | 10 | 5658 | 14118 | 30082 | 74191 | 3758 | 6706 | 10990 | 20196 |
| | 20 | 8871 | 18480 | 38171 | 86884 | 4985 | 7983 | 12877 | 22515 |
| | 25 | 9858 | 19910 | 40456 | 90842 | 5330 | 8380 | 13388 | 23219 |
| 3 | 5 | 11297 | 19646 | 35259 | 74191 | 5813 | 8307 | 12213 | 20196 |
| | 10 | 18038 | 28301 | 47242 | 93441 | 7858 | 10556 | 14859 | 23676 |
| | 20 | 23040 | 35913 | 58953 | 109003 | 9219 | 12364 | 17262 | 26349 |
| | 25 | 24792 | 38105 | 62324 | 112916 | 9673 | 12863 | 17928 | 27005 |
| 4 | 5 | 4632 | 9922 | 25988 | 74191 | 3318 | 5352 | 9978 | 20196 |
| | 10 | 7651 | 15881 | 32275 | 74681 | 4540 | 7235 | 11516 | 20288 |
| | 20 | 11114 | 20555 | 41135 | 90437 | 5753 | 8556 | 13538 | 23147 |
| | 25 | 12200 | 22126 | 43547 | 94390 | 6106 | 8978 | 14066 | 23843 |
| 5 | 5 | 5581 | 10777 | 25988 | 74191 | 3726 | 5641 | 9978 | 20196 |
| | 10 | 9091 | 17221 | 34028 | 77029 | 5063 | 7625 | 11928 | 20724 |
| | 20 | 12765 | 22099 | 43353 | 93102 | 6286 | 8971 | 14024 | 23617 |
| | 25 | 13916 | 23781 | 45862 | 97053 | 6645 | 9413 | 14565 | 24307 |
| 6 | 5 | 7734 | 13520 | 28207 | 74191 | 4571 | 6522 | 10532 | 20196 |
| | 10 | 12471 | 20912 | 38587 | 82862 | 6193 | 8653 | 12971 | 21791 |
| | 20 | 16578 | 26585 | 48884 | 99462 | 7439 | 10129 | 15205 | 24724 |
| | 25 | 17885 | 28494 | 51677 | 101961 | 7815 | 10603 | 15787 | 25153 |
| 7 | 5 | 7066 | 12370 | 26887 | 74191 | 4319 | 6160 | 10204 | 20196 |
| | 10 | 11417 | 19546 | 36997 | 80932 | 5852 | 8280 | 12611 | 21440 |
| | 20 | 15411 | 24842 | 47043 | 97458 | 7096 | 9686 | 14816 | 24377 |
| | 25 | 16634 | 26699 | 49726 | 99965 | 7455 | 10157 | 15381 | 24810 |
| 8 | 5 | 9700 | 16899 | 32029 | 74191 | 5275 | 7532 | 11457 | 20196 |
| | 10 | 15533 | 24992 | 43358 | 88679 | 7132 | 9725 | 14025 | 22835 |
| | 20 | 20153 | 31810 | 54425 | 104065 | 8446 | 11405 | 16350 | 25513 |
| | 25 | 21697 | 33722 | 57540 | 107981 | 8863 | 11856 | 16980 | 26177 |

TABLE 5.006 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3343400 Embarras River near Camargo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1266 | 2853 | 6398 | 13975 | 1508 | 2463 | 4058 | 6663 |
| Q7,10 | 10 | 1266 | 2853 | 6398 | 13975 | 1508 | 2463 | 4058 | 6663 |
| 1 | 5 | 1716 | 2959 | 6398 | 13975 | 1810 | 2519 | 4058 | 6663 |
| | 10 | 1871 | 3289 | 6398 | 13975 | 1907 | 2687 | 4058 | 6663 |
| | 20 | 1940 | 3725 | 7216 | 14714 | 1949 | 2900 | 4376 | 6887 |
| | 25 | 2002 | 3858 | 7466 | 15141 | 1987 | 2964 | 4471 | 7016 |
| 2 | 5 | 1411 | 2853 | 6398 | 13975 | 1610 | 2463 | 4058 | 6663 |
| | 10 | 1565 | 2929 | 6398 | 13975 | 1713 | 2503 | 4058 | 6663 |
| | 20 | 1604 | 3229 | 6729 | 14176 | 1739 | 2657 | 4188 | 6724 |
| | 25 | 1640 | 3359 | 6934 | 14559 | 1762 | 2722 | 4267 | 6841 |
| 3 | 5 | 2916 | 4085 | 6398 | 13975 | 2496 | 3070 | 4058 | 6663 |
| | 10 | 3232 | 4775 | 7977 | 14470 | 2658 | 3381 | 4661 | 6814 |
| | 20 | 3647 | 5732 | 9245 | 16711 | 2863 | 3788 | 5117 | 7478 |
| | 25 | 3779 | 5884 | 9675 | 17322 | 2926 | 3851 | 5267 | 7654 |
| 4 | 5 | 2047 | 3259 | 6398 | 13975 | 2013 | 2672 | 4058 | 6663 |
| | 10 | 2202 | 3683 | 6567 | 13975 | 2104 | 2880 | 4124 | 6663 |
| | 20 | 2312 | 4267 | 7753 | 15307 | 2167 | 3154 | 4578 | 7065 |
| | 25 | 2405 | 4404 | 8051 | 15783 | 2220 | 3216 | 4688 | 7207 |
| 5 | 5 | 1306 | 2853 | 6398 | 13975 | 1537 | 2463 | 4058 | 6663 |
| | 10 | 1460 | 2853 | 6398 | 13975 | 1643 | 2463 | 4058 | 6663 |
| | 20 | 1489 | 3060 | 6564 | 13995 | 1662 | 2571 | 4123 | 6669 |
| | 25 | 1515 | 3190 | 6754 | 14363 | 1680 | 2637 | 4198 | 6781 |
| 6 | 5 | 1620 | 2873 | 6398 | 13975 | 1748 | 2473 | 4058 | 6663 |
| | 10 | 1775 | 3175 | 6398 | 13975 | 1847 | 2630 | 4058 | 6663 |
| | 20 | 1835 | 3568 | 7062 | 14543 | 1885 | 2825 | 4317 | 6836 |
| | 25 | 1888 | 3700 | 7297 | 14957 | 1918 | 2889 | 4407 | 6961 |
| 7 | 5 | 1511 | 2853 | 6398 | 13975 | 1677 | 2463 | 4058 | 6663 |
| | 10 | 1666 | 3047 | 6398 | 13975 | 1778 | 2564 | 4058 | 6663 |
| | 20 | 1715 | 3392 | 6888 | 14352 | 1810 | 2738 | 4250 | 6778 |
| | 25 | 1760 | 3523 | 7108 | 14750 | 1838 | 2803 | 4335 | 6898 |
| 8 | 5 | 2053 | 3264 | 6398 | 13975 | 2017 | 2674 | 4058 | 6663 |
| | 10 | 2207 | 3690 | 6576 | 13975 | 2107 | 2883 | 4128 | 6663 |
| | 20 | 2318 | 4277 | 7762 | 15317 | 2171 | 3158 | 4582 | 7068 |
| | 25 | 2412 | 4413 | 8062 | 15794 | 2224 | 3220 | 4692 | 7210 |

TABLE 5.007 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3345500 Embarras River at Ste. Marie

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 51729 | 62853 | 90179 | 154506 | 15798 | 18031 | 23101 | 33651 |
| Q7,10 | 10 | 53449 | 63122 | 90179 | 154506 | 16151 | 18084 | 23101 | 33651 |
| 1 | 5 | 58022 | 65855 | 90179 | 154506 | 17076 | 18614 | 23101 | 33651 |
| | 10 | 63666 | 75735 | 100008 | 158357 | 18190 | 20484 | 24818 | 34241 |
| | 20 | 69490 | 84366 | 113505 | 179726 | 19311 | 22063 | 27103 | 37453 |
| | 25 | 71212 | 87514 | 118172 | 186176 | 19637 | 22628 | 27876 | 38403 |
| 2 | 5 | 52521 | 62853 | 90179 | 154506 | 15961 | 18031 | 23101 | 33651 |
| | 10 | 55738 | 66735 | 90179 | 154506 | 16617 | 18784 | 23101 | 33651 |
| | 20 | 59744 | 73259 | 99708 | 164864 | 17419 | 20022 | 24766 | 35230 |
| | 25 | 60153 | 75327 | 103807 | 170432 | 17500 | 20408 | 25469 | 36068 |
| 3 | 5 | 64343 | 75265 | 96194 | 154506 | 18322 | 20397 | 24157 | 33651 |
| | 10 | 73522 | 87856 | 113363 | 173690 | 20071 | 22689 | 27079 | 36556 |
| | 20 | 81654 | 97827 | 129624 | 196975 | 21572 | 24441 | 29740 | 39975 |
| | 25 | 84533 | 101340 | 134363 | 202796 | 22093 | 25132 | 30499 | 40814 |
| 4 | 5 | 55212 | 63036 | 90179 | 154506 | 16510 | 18067 | 23101 | 33651 |
| | 10 | 59252 | 71608 | 94698 | 154506 | 17321 | 19712 | 23896 | 33651 |
| | 20 | 64268 | 79309 | 107216 | 172940 | 18307 | 21144 | 26048 | 36444 |
| | 25 | 65520 | 81958 | 111632 | 178986 | 18550 | 21627 | 26790 | 37343 |
| 5 | 5 | 54323 | 62853 | 90179 | 154506 | 16330 | 18031 | 23101 | 33651 |
| | 10 | 58311 | 70315 | 93018 | 154506 | 17134 | 19467 | 23602 | 33651 |
| | 20 | 62606 | 77711 | 105230 | 170801 | 17983 | 20850 | 25711 | 36124 |
| | 25 | 63711 | 80203 | 109564 | 176720 | 18199 | 21307 | 26444 | 37007 |
| 6 | 5 | 56919 | 64748 | 90179 | 154506 | 16855 | 18400 | 23101 | 33651 |
| | 10 | 61937 | 74115 | 97924 | 155824 | 17852 | 20182 | 24458 | 33853 |
| | 20 | 67445 | 82380 | 111035 | 177058 | 18920 | 21704 | 26690 | 37057 |
| | 25 | 68981 | 85331 | 115604 | 183349 | 19214 | 22237 | 27452 | 37987 |
| 7 | 5 | 54681 | 62853 | 90179 | 154506 | 16403 | 18031 | 23101 | 33651 |
| | 10 | 58862 | 70833 | 93695 | 154506 | 17244 | 19565 | 23721 | 33651 |
| | 20 | 63277 | 78355 | 106030 | 171663 | 18114 | 20968 | 25847 | 36253 |
| | 25 | 64440 | 80910 | 110397 | 177633 | 18341 | 21436 | 26583 | 37142 |
| 8 | 5 | 58608 | 66444 | 90179 | 154506 | 17193 | 18728 | 23101 | 33651 |
| | 10 | 64573 | 76596 | 101116 | 159705 | 18366 | 20644 | 25008 | 34447 |
| | 20 | 70575 | 85421 | 114819 | 181145 | 19517 | 22253 | 27321 | 37662 |
| | 25 | 72396 | 88676 | 119537 | 187681 | 19860 | 22835 | 28101 | 38623 |

TABLE 5.008 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3346000 North Fork Embarras River near Oblong

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 11595 | 15124 | 21840 | 39772 | 5911 | 7011 | 8902 | 13236 |
| Q7,10 | 10 | 11595 | 15124 | 21840 | 39772 | 5911 | 7011 | 8902 | 13236 |
| 1 | 5 | 11746 | 15124 | 21840 | 39772 | 5960 | 7011 | 8902 | 13236 |
| | 10 | 12323 | 15221 | 21840 | 39772 | 6146 | 7040 | 8902 | 13236 |
| | 20 | 13060 | 16851 | 23621 | 39772 | 6379 | 7519 | 9371 | 13236 |
| | 25 | 13486 | 17424 | 24386 | 43119 | 6512 | 7683 | 9569 | 13973 |
| 2 | 5 | 11595 | 15124 | 21840 | 39772 | 5911 | 7011 | 8902 | 13236 |
| | 10 | 11729 | 15124 | 21840 | 39772 | 5954 | 7011 | 8902 | 13236 |
| | 20 | 12264 | 15731 | 22423 | 39772 | 6127 | 7191 | 9057 | 13236 |
| | 25 | 12495 | 16284 | 23121 | 41983 | 6200 | 7354 | 9240 | 13725 |
| 3 | 5 | 13066 | 15512 | 21840 | 39772 | 6381 | 7126 | 8902 | 13236 |
| | 10 | 14370 | 17549 | 23540 | 39772 | 6783 | 7719 | 9350 | 13236 |
| | 20 | 15790 | 19663 | 26849 | 43826 | 7208 | 8312 | 10195 | 14127 |
| | 25 | 16344 | 20280 | 27801 | 49579 | 7371 | 8481 | 10432 | 15351 |
| 4 | 5 | 11893 | 15124 | 21840 | 39772 | 6007 | 7011 | 8902 | 13236 |
| | 10 | 12562 | 15546 | 21840 | 39772 | 6222 | 7136 | 8902 | 13236 |
| | 20 | 13397 | 17258 | 24056 | 40329 | 6484 | 7636 | 9484 | 13360 |
| | 25 | 13845 | 17837 | 24846 | 43928 | 6623 | 7801 | 9687 | 14149 |
| 5 | 5 | 11595 | 15124 | 21840 | 39772 | 5911 | 7011 | 8902 | 13236 |
| | 10 | 11622 | 15124 | 21840 | 39772 | 5919 | 7011 | 8902 | 13236 |
| | 20 | 12129 | 15556 | 22237 | 39772 | 6084 | 7139 | 9007 | 13236 |
| | 25 | 12430 | 16106 | 22924 | 41644 | 6180 | 7302 | 9189 | 13651 |
| 6 | 5 | 11595 | 15124 | 21840 | 39772 | 5911 | 7011 | 8902 | 13236 |
| | 10 | 12111 | 15124 | 21840 | 39772 | 6078 | 7011 | 8902 | 13236 |
| | 20 | 12663 | 16354 | 23089 | 39772 | 6254 | 7374 | 9232 | 13236 |
| | 25 | 13047 | 16918 | 23824 | 43196 | 6375 | 7538 | 9424 | 13990 |
| 7 | 5 | 11595 | 15124 | 21840 | 39772 | 5911 | 7011 | 8902 | 13236 |
| | 10 | 11864 | 15124 | 21840 | 39772 | 5998 | 7011 | 8902 | 13236 |
| | 20 | 12345 | 15950 | 22658 | 39772 | 6152 | 7256 | 9118 | 13236 |
| | 25 | 12690 | 16507 | 23369 | 42410 | 6262 | 7419 | 9305 | 13819 |
| 8 | 5 | 11818 | 15124 | 21840 | 39772 | 5983 | 7011 | 8902 | 13236 |
| | 10 | 12441 | 15381 | 21840 | 39772 | 6183 | 7087 | 8902 | 13236 |
| | 20 | 13226 | 17052 | 23836 | 40033 | 6431 | 7576 | 9427 | 13295 |
| | 25 | 13663 | 17628 | 24613 | 43518 | 6567 | 7741 | 9628 | 14060 |

TABLE 5.009 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3379500 Little Wabash River below Clay City

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 9379 | 19146 | 40272 | 91753 | 5164 | 8169 | 13347 | 23380 |
| Q7,10 | 10 | 9379 | 19146 | 40272 | 91753 | 5164 | 8169 | 13347 | 23380 |
| 1 | 5 | 10028 | 19146 | 40272 | 91753 | 5388 | 8169 | 13347 | 23380 |
| | 10 | 12441 | 21741 | 40272 | 91753 | 6183 | 8875 | 13347 | 23380 |
| | 20 | 14472 | 25911 | 47169 | 95530 | 6814 | 9959 | 14843 | 24042 |
| | 25 | 15346 | 26940 | 49294 | 100347 | 7077 | 10217 | 15291 | 24876 |
| 2 | 5 | 9379 | 19146 | 40272 | 91753 | 5164 | 8169 | 13347 | 23380 |
| | 10 | 9964 | 19146 | 40272 | 91753 | 5366 | 8169 | 13347 | 23380 |
| | 20 | 11559 | 22135 | 43015 | 92253 | 5899 | 8980 | 13951 | 23468 |
| | 25 | 12414 | 23088 | 44805 | 95268 | 6175 | 9231 | 14338 | 23996 |
| 3 | 5 | 16414 | 24454 | 40272 | 91753 | 7392 | 9587 | 13347 | 23380 |
| | 10 | 20558 | 30500 | 49131 | 91945 | 8556 | 11091 | 15257 | 23413 |
| | 20 | 24419 | 36538 | 59334 | 109348 | 9578 | 12507 | 17338 | 26407 |
| | 25 | 25419 | 37902 | 62417 | 116723 | 9834 | 12817 | 17946 | 27637 |
| 4 | 5 | 10887 | 19146 | 40272 | 91753 | 5678 | 8169 | 13347 | 23380 |
| | 10 | 13639 | 23193 | 40761 | 91753 | 6559 | 9259 | 13456 | 23380 |
| | 20 | 15875 | 27741 | 49194 | 97819 | 7234 | 10417 | 15270 | 24440 |
| | 25 | 16743 | 28803 | 51482 | 102878 | 7487 | 10679 | 15746 | 25310 |
| 5 | 5 | 9379 | 19146 | 40272 | 91753 | 5164 | 8169 | 13347 | 23380 |
| | 10 | 9605 | 19146 | 40272 | 91753 | 5242 | 8169 | 13347 | 23380 |
| | 20 | 11138 | 21599 | 42428 | 91753 | 5761 | 8837 | 13822 | 23380 |
| | 25 | 11992 | 22539 | 44170 | 94577 | 6039 | 9087 | 14201 | 23875 |
| 6 | 5 | 9379 | 19146 | 40272 | 91753 | 5164 | 8169 | 13347 | 23380 |
| | 10 | 10698 | 19621 | 40272 | 91753 | 5615 | 8300 | 13347 | 23380 |
| | 20 | 12401 | 23238 | 44224 | 92212 | 6170 | 9271 | 14213 | 23460 |
| | 25 | 13278 | 24214 | 46112 | 96727 | 6447 | 9525 | 14618 | 24250 |
| 7 | 5 | 9379 | 19146 | 40272 | 91753 | 5164 | 8169 | 13347 | 23380 |
| | 10 | 10438 | 19310 | 40272 | 91753 | 5527 | 8214 | 13347 | 23380 |
| | 20 | 12095 | 22847 | 43795 | 93129 | 6072 | 9168 | 14120 | 23622 |
| | 25 | 12972 | 23814 | 45648 | 96199 | 6351 | 9421 | 14519 | 24158 |
| 8 | 5 | 9891 | 19146 | 40272 | 91753 | 5341 | 8169 | 13347 | 23380 |
| | 10 | 12250 | 21511 | 40272 | 91753 | 6122 | 8814 | 13347 | 23380 |
| | 20 | 14249 | 25621 | 46848 | 95168 | 6746 | 9885 | 14775 | 23979 |
| | 25 | 15123 | 26644 | 48948 | 99952 | 7010 | 10143 | 15219 | 24808 |

TABLE 5.010 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3380500 Skillet Fork at Wayne City

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| Q7,10 | 10 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| 1 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 20 | 5326 | 10643 | 20054 | 43486 | 3619 | 5596 | 8419 | 14053 |
| | 25 | 5688 | 11056 | 21207 | 44820 | 3770 | 5734 | 8732 | 14341 |
| 2 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 20 | 4898 | 10186 | 20054 | 43486 | 3435 | 5442 | 8419 | 14053 |
| | 25 | 5253 | 10561 | 20631 | 44154 | 3588 | 5569 | 8576 | 14198 |
| 3 | 5 | 5842 | 10062 | 20054 | 43486 | 3833 | 5400 | 8419 | 14053 |
| | 10 | 6945 | 11701 | 20155 | 43486 | 4272 | 5945 | 8447 | 14053 |
| | 20 | 8013 | 13536 | 23715 | 46549 | 4674 | 6527 | 9395 | 14711 |
| | 25 | 8356 | 14199 | 24900 | 49344 | 4800 | 6731 | 9701 | 15302 |
| 4 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 5507 | 10062 | 20054 | 43486 | 3695 | 5400 | 8419 | 14053 |
| | 20 | 6284 | 11651 | 21358 | 44023 | 4012 | 5929 | 8773 | 14169 |
| | 25 | 6637 | 12150 | 22487 | 46318 | 4152 | 6090 | 9073 | 14662 |
| 5 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 20 | 4823 | 10097 | 20054 | 43486 | 3402 | 5411 | 8419 | 14053 |
| | 25 | 5178 | 10463 | 20518 | 44023 | 3556 | 5536 | 8546 | 14169 |
| 6 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 20 | 5037 | 10330 | 20054 | 43486 | 3495 | 5491 | 8419 | 14053 |
| | 25 | 5391 | 10717 | 20813 | 44364 | 3646 | 5621 | 8626 | 14243 |
| 7 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 20 | 5066 | 10360 | 20054 | 43486 | 3508 | 5501 | 8419 | 14053 |
| | 25 | 5419 | 10750 | 20851 | 44407 | 3658 | 5632 | 8636 | 14252 |
| 8 | 5 | 4823 | 10062 | 20054 | 43486 | 3402 | 5400 | 8419 | 14053 |
| | 10 | 4861 | 10062 | 20054 | 43486 | 3419 | 5400 | 8419 | 14053 |
| | 20 | 5483 | 10806 | 20309 | 43486 | 3685 | 5650 | 8489 | 14053 |
| | 25 | 5843 | 11234 | 21414 | 45059 | 3834 | 5792 | 8788 | 14393 |

TABLE 5.011 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3381500 Little Wabash River at Carmi

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 20650 | 48649 | 103721 | 238941 | 8581 | 15156 | 25454 | 45896 |
| Q7,10 | 10 | 20650 | 48649 | 103721 | 238941 | 8581 | 15156 | 25454 | 45896 |
| 1 | 5 | 27945 | 48649 | 103721 | 238941 | 10467 | 15156 | 25454 | 45896 |
| | 10 | 36786 | 62809 | 108838 | 238941 | 12563 | 18023 | 26321 | 45896 |
| | 20 | 43825 | 74461 | 131875 | 261159 | 14127 | 20247 | 30102 | 48926 |
| | 25 | 45829 | 78929 | 139514 | 274630 | 14558 | 21074 | 31316 | 50732 |
| 2 | 5 | 21594 | 48649 | 103721 | 238941 | 8836 | 15156 | 25454 | 45896 |
| | 10 | 27489 | 51004 | 103721 | 238941 | 10354 | 15647 | 25454 | 45896 |
| | 20 | 32547 | 60618 | 114738 | 245816 | 11580 | 17592 | 27308 | 46840 |
| | 25 | 33710 | 63949 | 121758 | 258975 | 11853 | 18245 | 28465 | 48631 |
| 3 | 5 | 44517 | 64794 | 108214 | 238941 | 14276 | 18409 | 26216 | 45896 |
| | 10 | 58244 | 84361 | 133335 | 253108 | 17121 | 22062 | 30335 | 47835 |
| | 20 | 69109 | 99377 | 163240 | 296837 | 19238 | 24709 | 34984 | 53664 |
| | 25 | 73135 | 105873 | 172132 | 311956 | 19999 | 25820 | 36323 | 55630 |
| 4 | 5 | 27475 | 48649 | 103721 | 238941 | 10351 | 15156 | 25454 | 45896 |
| | 10 | 36094 | 61930 | 107849 | 238941 | 12405 | 17850 | 26155 | 45896 |
| | 20 | 42991 | 73430 | 130593 | 259707 | 13945 | 20054 | 29896 | 48729 |
| | 25 | 44937 | 77815 | 138185 | 273137 | 14367 | 20869 | 31106 | 50533 |
| 5 | 5 | 20650 | 48649 | 103721 | 238941 | 8581 | 15156 | 25454 | 45896 |
| | 10 | 25048 | 48649 | 103721 | 238941 | 9739 | 15156 | 25454 | 45896 |
| | 20 | 29678 | 57086 | 110404 | 240953 | 10892 | 16889 | 26585 | 46173 |
| | 25 | 30571 | 60133 | 117273 | 253974 | 11108 | 17496 | 27728 | 47953 |
| 6 | 5 | 22411 | 48649 | 103721 | 238941 | 9053 | 15156 | 25454 | 45896 |
| | 10 | 28696 | 52501 | 103721 | 238941 | 10653 | 15957 | 25454 | 45896 |
| | 20 | 34002 | 62373 | 116900 | 248246 | 11921 | 17937 | 27666 | 47173 |
| | 25 | 35297 | 65847 | 123996 | 261473 | 12222 | 18613 | 28830 | 48968 |
| 7 | 5 | 21169 | 48649 | 103721 | 238941 | 8722 | 15156 | 25454 | 45896 |
| | 10 | 26861 | 50227 | 103721 | 238941 | 10198 | 15486 | 25454 | 45896 |
| | 20 | 31853 | 59707 | 113618 | 244558 | 11415 | 17412 | 27122 | 46668 |
| | 25 | 32884 | 62964 | 120599 | 257681 | 11659 | 18053 | 28275 | 48456 |
| 8 | 5 | 25155 | 48649 | 103721 | 238941 | 9766 | 15156 | 25454 | 45896 |
| | 10 | 32686 | 57611 | 103721 | 238941 | 11613 | 16994 | 25454 | 45896 |
| | 20 | 38886 | 68366 | 124306 | 256594 | 13038 | 19097 | 28880 | 48308 |
| | 25 | 40540 | 72331 | 131667 | 265829 | 13407 | 19848 | 30068 | 49554 |

TABLE 5.012 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3612000 Cache River at Forman

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 841 | 4043 | 10899 | 27100 | 1184 | 3051 | 5682 | 10258 |
| Q7,10 | 10 | 841 | 4043 | 10899 | 27100 | 1184 | 3051 | 5682 | 10258 |
| 1 | 5 | 1246 | 4043 | 10899 | 27100 | 1495 | 3051 | 5682 | 10258 |
| | 10 | 1865 | 4739 | 10899 | 27100 | 1903 | 3366 | 5682 | 10258 |
| | 20 | 2418 | 5937 | 12733 | 28855 | 2227 | 3872 | 6276 | 10692 |
| | 25 | 2509 | 6220 | 13335 | 29971 | 2278 | 3987 | 6465 | 10963 |
| 2 | 5 | 867 | 4043 | 10899 | 27100 | 1205 | 3051 | 5682 | 10258 |
| | 10 | 1253 | 4043 | 10899 | 27100 | 1500 | 3051 | 5682 | 10258 |
| | 20 | 1625 | 4901 | 11566 | 27547 | 1752 | 3436 | 5901 | 10369 |
| | 25 | 1671 | 5132 | 12118 | 28537 | 1782 | 3536 | 6080 | 10613 |
| 3 | 5 | 4909 | 7757 | 13248 | 27100 | 3440 | 4580 | 6438 | 10258 |
| | 10 | 6781 | 10343 | 17050 | 32155 | 4208 | 5495 | 7576 | 11487 |
| | 20 | 8291 | 12463 | 20185 | 37248 | 4776 | 6190 | 8455 | 12669 |
| | 25 | 8691 | 13053 | 21013 | 37743 | 4920 | 6377 | 8680 | 12781 |
| 4 | 5 | 2117 | 4743 | 10899 | 27100 | 2055 | 3367 | 5682 | 10258 |
| | 10 | 3204 | 6568 | 12678 | 27147 | 2644 | 4125 | 6258 | 10269 |
| | 20 | 4116 | 8045 | 15170 | 31582 | 3085 | 4686 | 7025 | 11351 |
| | 25 | 4308 | 8432 | 15875 | 32961 | 3173 | 4827 | 7234 | 11677 |
| 5 | 5 | 841 | 4043 | 10899 | 27100 | 1184 | 3051 | 5682 | 10258 |
| | 10 | 990 | 4043 | 10899 | 27100 | 1304 | 3051 | 5682 | 10258 |
| | 20 | 1282 | 4447 | 11055 | 27100 | 1520 | 3236 | 5733 | 10258 |
| | 25 | 1308 | 4656 | 11584 | 27908 | 1538 | 3329 | 5907 | 10458 |
| 6 | 5 | 880 | 4043 | 10899 | 27100 | 1215 | 3051 | 5682 | 10258 |
| | 10 | 1273 | 4043 | 10899 | 27100 | 1514 | 3051 | 5682 | 10258 |
| | 20 | 1652 | 4935 | 11605 | 27590 | 1769 | 3451 | 5914 | 10380 |
| | 25 | 1699 | 5168 | 12158 | 28584 | 1799 | 3552 | 6093 | 10625 |
| 7 | 5 | 951 | 4043 | 10899 | 27100 | 1273 | 3051 | 5682 | 10258 |
| | 10 | 1388 | 4060 | 10899 | 27100 | 1594 | 3059 | 5682 | 10258 |
| | 20 | 1802 | 5132 | 11827 | 27839 | 1864 | 3536 | 5986 | 10441 |
| | 25 | 1858 | 5375 | 12389 | 28857 | 1899 | 3639 | 6167 | 10692 |
| 8 | 5 | 1366 | 4043 | 10899 | 27100 | 1579 | 3051 | 5682 | 10258 |
| | 10 | 2059 | 5014 | 10899 | 27100 | 2021 | 3485 | 5682 | 10258 |
| | 20 | 2664 | 6262 | 13100 | 29265 | 2362 | 4003 | 6391 | 10792 |
| | 25 | 2770 | 6561 | 13717 | 30421 | 2419 | 4122 | 6583 | 11072 |

TABLE 5.013 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5415500 E. F. Galena River at Council Hill

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 157 | 0 | 0 | 0 | 447 |
| Q7,10 | 10 | 129 | 174 | 294 | 653 | 400 | 475 | 641 | 1019 |
| 1 | 5 | 406 | 498 | 667 | 690 | 773 | 870 | 1033 | 1053 |
| | 10 | 678 | 833 | 1110 | 1150 | 1042 | 1177 | 1395 | 1424 |
| | 20 | 1030 | 1210 | 1537 | 1582 | 1334 | 1468 | 1694 | 1724 |
| | 25 | 1147 | 1341 | 1734 | 1786 | 1423 | 1561 | 1822 | 1854 |
| 2 | 5 | 64 | 91 | 147 | 359 | 269 | 328 | 431 | 719 |
| | 10 | 115 | 151 | 259 | 596 | 375 | 438 | 596 | 967 |
| | 20 | 180 | 247 | 419 | 931 | 484 | 580 | 787 | 1257 |
| | 25 | 205 | 293 | 489 | 1041 | 521 | 640 | 861 | 1343 |
| 3 | 5 | 690 | 690 | 690 | 690 | 1054 | 1053 | 1053 | 1053 |
| | 10 | 1150 | 1150 | 1149 | 1149 | 1425 | 1425 | 1424 | 1424 |
| | 20 | 1582 | 1582 | 1581 | 1581 | 1724 | 1724 | 1723 | 1723 |
| | 25 | 1786 | 1786 | 1785 | 1785 | 1854 | 1854 | 1854 | 1853 |
| 4 | 5 | 130 | 174 | 276 | 560 | 402 | 474 | 618 | 932 |
| | 10 | 227 | 305 | 467 | 928 | 552 | 654 | 838 | 1255 |
| | 20 | 369 | 492 | 744 | 1329 | 731 | 864 | 1101 | 1553 |
| | 25 | 432 | 566 | 841 | 1481 | 801 | 938 | 1183 | 1657 |
| 5 | 5 | 135 | 183 | 287 | 575 | 411 | 488 | 632 | 947 |
| | 10 | 237 | 319 | 484 | 955 | 566 | 672 | 856 | 1276 |
| | 20 | 385 | 515 | 770 | 1359 | 749 | 887 | 1124 | 1574 |
| | 25 | 449 | 590 | 868 | 1519 | 820 | 961 | 1206 | 1683 |
| 6 | 5 | 219 | 284 | 412 | 690 | 541 | 629 | 780 | 1054 |
| | 10 | 378 | 480 | 689 | 1150 | 742 | 852 | 1052 | 1425 |
| | 20 | 608 | 764 | 1042 | 1582 | 978 | 1118 | 1344 | 1724 |
| | 25 | 691 | 862 | 1161 | 1786 | 1054 | 1201 | 1433 | 1854 |
| 7 | 5 | 168 | 226 | 341 | 653 | 465 | 551 | 698 | 1020 |
| | 10 | 296 | 388 | 568 | 1086 | 643 | 753 | 940 | 1377 |
| | 20 | 477 | 625 | 898 | 1509 | 849 | 994 | 1230 | 1676 |
| | 25 | 551 | 710 | 996 | 1703 | 923 | 1071 | 1308 | 1802 |
| 8 | 5 | 244 | 314 | 451 | 690 | 575 | 666 | 822 | 1054 |
| | 10 | 416 | 528 | 754 | 1150 | 784 | 900 | 1110 | 1425 |
| | 20 | 667 | 836 | 1118 | 1582 | 1033 | 1179 | 1401 | 1724 |
| | 25 | 757 | 939 | 1243 | 1786 | 1113 | 1263 | 1492 | 1854 |

TABLE 5.014 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5419000 Apple River near Hanover

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 442 | 5310 | 0 | 0 | 812 | 3612 |
| Q7,10 | 10 | 599 | 1439 | 3519 | 10423 | 970 | 1629 | 2801 | 5522 |
| 1 | 5 | 2796 | 4135 | 7085 | 14180 | 2433 | 3093 | 4326 | 6725 |
| | 10 | 5732 | 7971 | 11841 | 19907 | 3788 | 4659 | 5991 | 8379 |
| | 20 | 9032 | 11400 | 15528 | 25810 | 5042 | 5847 | 7131 | 9933 |
| | 25 | 9993 | 12537 | 16826 | 27977 | 5376 | 6214 | 7511 | 10476 |
| 2 | 5 | 0 | 485 | 1510 | 5864 | 0 | 857 | 1677 | 3842 |
| | 10 | 588 | 1398 | 3455 | 10329 | 959 | 1601 | 2769 | 5490 |
| | 20 | 1380 | 2823 | 6064 | 13853 | 1588 | 2447 | 3924 | 6625 |
| | 25 | 1717 | 3366 | 6870 | 15111 | 1811 | 2725 | 4243 | 7007 |
| 3 | 5 | 5652 | 7539 | 11057 | 18460 | 3755 | 4498 | 5734 | 7977 |
| | 10 | 10068 | 12293 | 16290 | 25163 | 5402 | 6136 | 7355 | 9769 |
| | 20 | 13565 | 16153 | 21170 | 32670 | 6536 | 7315 | 8722 | 11609 |
| | 25 | 14812 | 17463 | 22927 | 37450 | 6917 | 7694 | 9189 | 12714 |
| 4 | 5 | 459 | 883 | 2315 | 7643 | 830 | 1218 | 2169 | 4537 |
| | 10 | 1341 | 2334 | 4953 | 12421 | 1561 | 2180 | 3459 | 6177 |
| | 20 | 2723 | 4468 | 8160 | 16296 | 2394 | 3245 | 4728 | 7357 |
| | 25 | 3255 | 5204 | 9059 | 17608 | 2670 | 3567 | 5051 | 7736 |
| 5 | 5 | 895 | 1778 | 3687 | 9833 | 1228 | 1849 | 2882 | 5321 |
| | 10 | 2365 | 3945 | 7222 | 14902 | 2197 | 3005 | 4378 | 6944 |
| | 20 | 4521 | 6757 | 10606 | 19425 | 3269 | 4199 | 5584 | 8246 |
| | 25 | 5263 | 7592 | 11685 | 21007 | 3592 | 4518 | 5940 | 8678 |
| 6 | 5 | 1509 | 2360 | 4599 | 11287 | 1676 | 2195 | 3303 | 5810 |
| | 10 | 3453 | 5038 | 8747 | 16551 | 2768 | 3496 | 4941 | 7431 |
| | 20 | 6061 | 8278 | 12224 | 21498 | 3922 | 4771 | 6114 | 8810 |
| | 25 | 6867 | 9182 | 13302 | 23287 | 4241 | 5095 | 6454 | 9284 |
| 7 | 5 | 973 | 1860 | 3816 | 10038 | 1290 | 1900 | 2944 | 5391 |
| | 10 | 2507 | 4099 | 7436 | 15133 | 2276 | 3077 | 4459 | 7013 |
| | 20 | 4730 | 6972 | 10834 | 19716 | 3362 | 4282 | 5660 | 8326 |
| | 25 | 5483 | 7817 | 11929 | 21327 | 3685 | 4602 | 6019 | 8764 |
| 8 | 5 | 1631 | 2553 | 4867 | 11605 | 1756 | 2302 | 3422 | 5914 |
| | 10 | 3671 | 5355 | 9077 | 16907 | 2875 | 3631 | 5058 | 7535 |
| | 20 | 6372 | 8611 | 12471 | 21955 | 4047 | 4892 | 6193 | 8932 |
| | 25 | 7192 | 9541 | 13678 | 23784 | 4366 | 5220 | 6571 | 9413 |

TABLE 5.015 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5420000 Plum River below Carroll Ck. near Savanna

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 859 | 2968 | 7098 | 19279 | 1199 | 2523 | 4331 | 8206 |
| Q7,10 | 10 | 3567 | 5528 | 8755 | 19279 | 2824 | 3704 | 4943 | 8206 |
| 1 | 5 | 8288 | 10100 | 13178 | 19279 | 4775 | 5412 | 6416 | 8206 |
| | 10 | 12262 | 14331 | 18300 | 29655 | 6126 | 6771 | 7932 | 10887 |
| | 20 | 21078 | 24678 | 31708 | 50350 | 8697 | 9644 | 11381 | 15511 |
| | 25 | 24966 | 30333 | 40644 | 68516 | 9718 | 11051 | 13430 | 19125 |
| 2 | 5 | 3268 | 4387 | 7098 | 19279 | 2676 | 3208 | 4331 | 8206 |
| | 10 | 5439 | 7392 | 10581 | 19279 | 3666 | 4443 | 5575 | 8206 |
| | 20 | 8631 | 11636 | 17739 | 30303 | 4899 | 5924 | 7773 | 11044 |
| | 25 | 10532 | 14113 | 20552 | 38834 | 5559 | 6705 | 8555 | 13026 |
| 3 | 5 | 13049 | 14860 | 17851 | 23877 | 6375 | 6932 | 7805 | 9438 |
| | 10 | 18064 | 21355 | 27095 | 37870 | 7865 | 8772 | 10256 | 12810 |
| | 20 | 31303 | 35410 | 45645 | 70193 | 11284 | 12248 | 14519 | 19444 |
| | 25 | 40110 | 47627 | 61747 | 95403 | 13312 | 14940 | 17815 | 24020 |
| 4 | 5 | 4781 | 6143 | 8943 | 19279 | 3384 | 3956 | 5010 | 8206 |
| | 10 | 7964 | 9864 | 13018 | 21772 | 4656 | 5332 | 6366 | 8883 |
| | 20 | 12734 | 16384 | 22501 | 36017 | 6276 | 7383 | 9077 | 12388 |
| | 25 | 15200 | 18821 | 26653 | 48596 | 7034 | 8078 | 10146 | 15145 |
| 5 | 5 | 4064 | 5427 | 8053 | 19279 | 3060 | 3661 | 4689 | 8206 |
| | 10 | 6945 | 8863 | 11991 | 20037 | 4272 | 4982 | 6039 | 8415 |
| | 20 | 10778 | 14461 | 20568 | 34424 | 5641 | 6811 | 8559 | 12020 |
| | 25 | 13265 | 16912 | 24341 | 44589 | 6443 | 7536 | 9557 | 14292 |
| 6 | 5 | 5362 | 6829 | 9735 | 19279 | 3634 | 4227 | 5288 | 8206 |
| | 10 | 8773 | 10688 | 13937 | 23224 | 4950 | 5611 | 6651 | 9267 |
| | 20 | 14287 | 17941 | 24016 | 38521 | 6758 | 7830 | 9474 | 12956 |
| | 25 | 16740 | 20841 | 29121 | 52192 | 7486 | 8633 | 10757 | 15893 |
| 7 | 5 | 4677 | 6041 | 8816 | 19279 | 3338 | 3914 | 4965 | 8206 |
| | 10 | 7818 | 9721 | 12871 | 21524 | 4602 | 5283 | 6319 | 8817 |
| | 20 | 12455 | 16109 | 22224 | 35656 | 6188 | 7302 | 9004 | 12305 |
| | 25 | 14924 | 18548 | 26330 | 48019 | 6951 | 8002 | 10064 | 15023 |
| 8 | 5 | 5818 | 7407 | 10303 | 19279 | 3824 | 4448 | 5482 | 8206 |
| | 10 | 9409 | 11252 | 14638 | 24392 | 5174 | 5798 | 6865 | 9571 |
| | 20 | 15509 | 19177 | 25204 | 40668 | 7126 | 8177 | 9779 | 13435 |
| | 25 | 17953 | 22544 | 31294 | 55171 | 7834 | 9088 | 11282 | 16502 |

TABLE 5.016 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5435500 Pecatonica River at Freeport

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 2893 | 0 | 0 | 0 | 2484 |
| Q7,10 | 10 | 2221 | 3179 | 7596 | 26798 | 2115 | 2631 | 4519 | 10182 |
| 1 | 5 | 22327 | 29275 | 32055 | 32042 | 9031 | 10794 | 11463 | 11460 |
| | 10 | 45697 | 57859 | 62653 | 62625 | 14530 | 17044 | 17992 | 17987 |
| | 20 | 70934 | 86151 | 92131 | 92090 | 19585 | 22384 | 23446 | 23439 |
| | 25 | 79121 | 94010 | 100356 | 100311 | 21109 | 23776 | 24878 | 24870 |
| 2 | 5 | 0 | 2100 | 4119 | 15020 | 0 | 2044 | 3086 | 6979 |
| | 10 | 2610 | 4559 | 9970 | 32035 | 2333 | 3286 | 5368 | 11458 |
| | 20 | 5180 | 9024 | 18783 | 53867 | 3556 | 5039 | 8068 | 16237 |
| | 25 | 6243 | 10759 | 22559 | 61026 | 3996 | 5635 | 9092 | 17672 |
| 3 | 5 | 32059 | 32055 | 32048 | 32034 | 11464 | 11463 | 11462 | 11458 |
| | 10 | 62660 | 62652 | 62638 | 62610 | 17993 | 17992 | 17989 | 17984 |
| | 20 | 92142 | 92129 | 92109 | 92068 | 23448 | 23446 | 23442 | 23435 |
| | 25 | 100368 | 100354 | 100332 | 100287 | 24880 | 24877 | 24873 | 24866 |
| 4 | 5 | 2020 | 2764 | 5761 | 19714 | 1997 | 2416 | 3800 | 8326 |
| | 10 | 4299 | 6764 | 13917 | 41068 | 3168 | 4202 | 6645 | 13524 |
| | 20 | 8556 | 13058 | 25905 | 65141 | 4872 | 6378 | 9957 | 18476 |
| | 25 | 10186 | 15757 | 30832 | 73004 | 5442 | 7199 | 11171 | 19974 |
| 5 | 5 | 5879 | 9212 | 16591 | 32057 | 3849 | 5105 | 7443 | 11464 |
| | 10 | 14205 | 20802 | 35062 | 62655 | 6733 | 8623 | 12168 | 17993 |
| | 20 | 26427 | 37533 | 57625 | 92135 | 10089 | 12733 | 16997 | 23447 |
| | 25 | 31301 | 43476 | 65038 | 100360 | 11284 | 14051 | 18456 | 24878 |
| 6 | 5 | 10128 | 14515 | 24251 | 32051 | 5422 | 6827 | 9534 | 11462 |
| | 10 | 22621 | 31063 | 49002 | 62645 | 9109 | 11227 | 15230 | 17990 |
| | 20 | 40632 | 52665 | 75075 | 92119 | 13427 | 15990 | 20361 | 23444 |
| | 25 | 46816 | 59738 | 83490 | 100343 | 14768 | 17418 | 21905 | 24875 |
| 7 | 5 | 6819 | 10217 | 18154 | 32055 | 4223 | 5452 | 7891 | 11463 |
| | 10 | 16066 | 22797 | 38065 | 62653 | 7290 | 9155 | 12853 | 17992 |
| | 20 | 29647 | 40933 | 61382 | 92131 | 10885 | 13494 | 17743 | 23446 |
| | 25 | 34816 | 47139 | 69022 | 100356 | 12111 | 14837 | 19222 | 24878 |
| 8 | 5 | 10875 | 15702 | 25841 | 32050 | 5674 | 7183 | 9941 | 11462 |
| | 10 | 24109 | 33354 | 51737 | 62643 | 9498 | 11770 | 15799 | 17990 |
| | 20 | 43171 | 55498 | 78507 | 92116 | 13984 | 16568 | 20996 | 23444 |
| | 25 | 49552 | 62773 | 87110 | 100340 | 15345 | 18016 | 22556 | 24875 |

TABLE 5.017 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5437000 Pecatonica River at Shirland

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Q7,10 | 10 | 4161 | 9268 | 20548 | 64503 | 3105 | 5125 | 8554 | 18353 |
| 1 | 5 | 32164 | 43829 | 54965 | 54942 | 11489 | 14127 | 16460 | 16456 |
| | 10 | 68867 | 89720 | 109065 | 109017 | 19192 | 23020 | 26360 | 26351 |
| | 20 | 110017 | 134472 | 156627 | 156557 | 26520 | 30516 | 33976 | 33966 |
| | 25 | 120739 | 148106 | 173309 | 173232 | 28298 | 32661 | 36499 | 36487 |
| 2 | 5 | 0 | 0 | 4725 | 23763 | 0 | 0 | 3359 | 9408 |
| | 10 | 0 | 5285 | 14521 | 49913 | 0 | 3601 | 6829 | 15421 |
| | 20 | 7401 | 12311 | 26054 | 85854 | 4446 | 6142 | 9995 | 22331 |
| | 25 | 8691 | 15064 | 32218 | 95685 | 4920 | 6993 | 11502 | 24069 |
| 3 | 5 | 51889 | 54966 | 54954 | 54931 | 15831 | 16460 | 16458 | 16453 |
| | 10 | 103447 | 109065 | 109041 | 108994 | 25407 | 26360 | 26356 | 26348 |
| | 20 | 150194 | 156627 | 156593 | 156524 | 32985 | 33976 | 33971 | 33960 |
| | 25 | 165997 | 173309 | 173271 | 173195 | 35401 | 36499 | 36493 | 36482 |
| 4 | 5 | 0 | 0 | 7891 | 30403 | 0 | 0 | 4629 | 11068 |
| | 10 | 4278 | 9362 | 20697 | 64870 | 3159 | 5158 | 8594 | 18424 |
| | 20 | 11071 | 17740 | 37172 | 104959 | 5739 | 7773 | 12651 | 25665 |
| | 25 | 13446 | 22195 | 44785 | 115491 | 6499 | 8996 | 14334 | 27433 |
| 5 | 5 | 15435 | 22263 | 36777 | 54958 | 7103 | 9014 | 12561 | 16459 |
| | 10 | 33942 | 46519 | 77764 | 109049 | 11907 | 14705 | 20859 | 26357 |
| | 20 | 60883 | 81600 | 120730 | 156603 | 17644 | 21562 | 28296 | 33973 |
| | 25 | 69764 | 91280 | 132409 | 173283 | 19363 | 23296 | 30187 | 36495 |
| 6 | 5 | 19425 | 27310 | 44678 | 54953 | 8246 | 10310 | 14311 | 16458 |
| | 10 | 40718 | 57870 | 91164 | 109040 | 13446 | 17046 | 23276 | 26355 |
| | 20 | 73274 | 96108 | 136133 | 156591 | 20025 | 24142 | 30781 | 33971 |
| | 25 | 82644 | 106310 | 150004 | 173269 | 21752 | 25894 | 32956 | 36493 |
| 7 | 5 | 13051 | 19554 | 32865 | 54960 | 6376 | 8282 | 11655 | 16459 |
| | 10 | 29895 | 40937 | 70460 | 109054 | 10945 | 13495 | 19495 | 26358 |
| | 20 | 53844 | 73675 | 112032 | 156611 | 16232 | 20100 | 26857 | 33974 |
| | 25 | 62206 | 83062 | 122831 | 173291 | 17904 | 21827 | 28640 | 36496 |
| 8 | 5 | 18400 | 26053 | 42650 | 54955 | 7960 | 9995 | 13871 | 16458 |
| | 10 | 38978 | 55119 | 87717 | 109042 | 13059 | 16491 | 22664 | 26356 |
| | 20 | 70093 | 92378 | 132166 | 156594 | 19425 | 23490 | 30148 | 33971 |
| | 25 | 79335 | 102444 | 145473 | 173273 | 21148 | 25236 | 32251 | 36493 |

TABLE 5.018 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5437500 Rock River at Rockton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 12814 | 0 | 0 | 0 | 6302 |
| Q7,10 | 10 | 10591 | 17450 | 40453 | 138041 | 5579 | 7691 | 13388 | 31083 |
| 1 | 5 | 63367 | 88356 | 142263 | 158509 | 18132 | 22778 | 31749 | 34264 |
| | 10 | 130527 | 177480 | 263195 | 287589 | 29885 | 37120 | 49200 | 52449 |
| | 20 | 214546 | 267588 | 365739 | 393772 | 42489 | 49790 | 62450 | 65910 |
| | 25 | 241852 | 294662 | 397590 | 422726 | 46297 | 53379 | 66376 | 69423 |
| 2 | 5 | 0 | 0 | 11913 | 54166 | 0 | 0 | 6014 | 16298 |
| | 10 | 8399 | 11959 | 29882 | 113411 | 4815 | 6029 | 10942 | 27087 |
| | 20 | 13087 | 25304 | 58564 | 192390 | 6387 | 9804 | 17184 | 39310 |
| | 25 | 18350 | 30024 | 66937 | 218777 | 7946 | 10976 | 18823 | 43086 |
| 3 | 5 | 149636 | 158552 | 158518 | 158451 | 32899 | 34271 | 34266 | 34255 |
| | 10 | 274265 | 287670 | 287607 | 287480 | 50683 | 52460 | 52452 | 52435 |
| | 20 | 378470 | 393883 | 393796 | 393621 | 64028 | 65923 | 65912 | 65891 |
| | 25 | 406375 | 422846 | 422751 | 422563 | 67446 | 69438 | 69427 | 69404 |
| 4 | 5 | 7486 | 11151 | 23654 | 88561 | 4478 | 5765 | 9379 | 22814 |
| | 10 | 15457 | 27344 | 58047 | 177872 | 7110 | 10318 | 17081 | 37178 |
| | 20 | 32670 | 53934 | 106321 | 268028 | 11609 | 16250 | 25896 | 49849 |
| | 25 | 37794 | 61754 | 123362 | 295100 | 12792 | 17816 | 28727 | 53436 |
| 5 | 5 | 16757 | 25492 | 54066 | 150235 | 7491 | 9852 | 16277 | 32992 |
| | 10 | 41718 | 62413 | 113233 | 275166 | 13667 | 17945 | 27058 | 50803 |
| | 20 | 78771 | 113678 | 192117 | 379507 | 21045 | 27132 | 39271 | 64156 |
| | 25 | 90772 | 132282 | 218481 | 407482 | 23206 | 30167 | 43045 | 67581 |
| 6 | 5 | 26905 | 45002 | 81641 | 158548 | 10209 | 14381 | 21569 | 34270 |
| | 10 | 65847 | 97239 | 164674 | 287663 | 18613 | 24339 | 35201 | 52459 |
| | 20 | 119313 | 167594 | 253243 | 393873 | 28064 | 35642 | 47854 | 65922 |
| | 25 | 138600 | 191853 | 280371 | 422835 | 31172 | 39232 | 51495 | 69437 |
| 7 | 5 | 21569 | 33310 | 65900 | 158561 | 8829 | 11759 | 18623 | 34272 |
| | 10 | 53057 | 77085 | 134815 | 287687 | 16071 | 20734 | 30571 | 52462 |
| | 20 | 97951 | 136316 | 219882 | 393906 | 24462 | 30810 | 43242 | 65926 |
| | 25 | 113436 | 157916 | 247160 | 422871 | 27091 | 34174 | 47024 | 69441 |
| 8 | 5 | 38613 | 56881 | 97778 | 158535 | 12977 | 16847 | 24432 | 34268 |
| | 10 | 86198 | 118237 | 195473 | 287638 | 22392 | 27887 | 39758 | 52456 |
| | 20 | 150475 | 199777 | 287770 | 393839 | 33029 | 40380 | 52473 | 65918 |
| | 25 | 173274 | 226800 | 314778 | 422798 | 36494 | 44212 | 55994 | 69432 |

TABLE 5.019 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5438250 Coon Creek at Riley

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 658 | 2812 | 0 | 0 | 1024 | 2441 |
| Q7,10 | 10 | 195 | 334 | 1124 | 3134 | 507 | 690 | 1405 | 2609 |
| 1 | 5 | 1212 | 1713 | 2625 | 4784 | 1470 | 1808 | 2341 | 3385 |
| | 10 | 1907 | 2538 | 3693 | 6232 | 1929 | 2293 | 2885 | 3992 |
| | 20 | 2492 | 3210 | 4531 | 7231 | 2268 | 2647 | 3273 | 4381 |
| | 25 | 2651 | 3424 | 4775 | 7460 | 2355 | 2754 | 3381 | 4468 |
| 2 | 5 | 232 | 469 | 1118 | 2893 | 559 | 840 | 1401 | 2484 |
| | 10 | 432 | 901 | 1796 | 4031 | 801 | 1233 | 1861 | 3045 |
| | 20 | 708 | 1275 | 2347 | 4923 | 1069 | 1515 | 2187 | 3446 |
| | 25 | 795 | 1381 | 2500 | 5152 | 1145 | 1589 | 2273 | 3545 |
| 3 | 5 | 1979 | 2545 | 3572 | 5813 | 1973 | 2298 | 2826 | 3822 |
| | 10 | 2880 | 3592 | 4868 | 7482 | 2477 | 2836 | 3422 | 4477 |
| | 20 | 3596 | 4415 | 5836 | 8552 | 2838 | 3221 | 3831 | 4871 |
| | 25 | 3842 | 4662 | 6050 | 8954 | 2956 | 3331 | 3918 | 5014 |
| 4 | 5 | 415 | 715 | 1478 | 3364 | 782 | 1076 | 1655 | 2724 |
| | 10 | 794 | 1290 | 2242 | 4616 | 1144 | 1526 | 2127 | 3311 |
| | 20 | 1143 | 1741 | 2879 | 5572 | 1419 | 1826 | 2477 | 3722 |
| | 25 | 1244 | 1865 | 3065 | 5787 | 1493 | 1903 | 2574 | 3811 |
| 5 | 5 | 367 | 619 | 1369 | 3227 | 728 | 988 | 1581 | 2656 |
| | 10 | 698 | 1170 | 2106 | 4450 | 1060 | 1440 | 2048 | 3237 |
| | 20 | 1025 | 1597 | 2726 | 5399 | 1331 | 1734 | 2396 | 3649 |
| | 25 | 1123 | 1714 | 2899 | 5613 | 1405 | 1809 | 2487 | 3739 |
| 6 | 5 | 630 | 1079 | 1892 | 3896 | 998 | 1372 | 1920 | 2982 |
| | 10 | 1184 | 1747 | 2771 | 5260 | 1450 | 1830 | 2420 | 3591 |
| | 20 | 1613 | 2287 | 3473 | 6247 | 1744 | 2153 | 2778 | 3997 |
| | 25 | 1731 | 2437 | 3709 | 6373 | 1820 | 2238 | 2893 | 4048 |
| 7 | 5 | 532 | 950 | 1749 | 3705 | 904 | 1272 | 1831 | 2891 |
| | 10 | 1033 | 1584 | 2583 | 5029 | 1337 | 1725 | 2318 | 3492 |
| | 20 | 1432 | 2088 | 3260 | 6004 | 1624 | 2037 | 2672 | 3900 |
| | 25 | 1544 | 2230 | 3478 | 6219 | 1699 | 2120 | 2781 | 3986 |
| 8 | 5 | 998 | 1459 | 2334 | 4441 | 1310 | 1642 | 2180 | 3233 |
| | 10 | 1644 | 2218 | 3325 | 5911 | 1764 | 2114 | 2705 | 3862 |
| | 20 | 2161 | 2852 | 4105 | 6830 | 2081 | 2463 | 3080 | 4227 |
| | 25 | 2307 | 3036 | 4364 | 7049 | 2164 | 2559 | 3198 | 4312 |

TABLE 5.020 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5438500 Kishwaukee River at Belvidere

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 1116 | 10528 | 0 | 0 | 1399 | 5558 |
| Q7,10 | 10 | 1335 | 2378 | 6281 | 18480 | 1558 | 2205 | 4011 | 7983 |
| 1 | 5 | 5717 | 8362 | 13383 | 26719 | 3782 | 4802 | 6480 | 10162 |
| | 10 | 10522 | 14390 | 21535 | 36963 | 5556 | 6789 | 8820 | 12604 |
| | 20 | 15499 | 20132 | 28286 | 45395 | 7122 | 8440 | 10552 | 14465 |
| | 25 | 16820 | 21643 | 30111 | 47467 | 7509 | 8849 | 10997 | 14906 |
| 2 | 5 | 0 | 1105 | 3361 | 11999 | 0 | 1391 | 2723 | 6041 |
| | 10 | 1550 | 3006 | 7124 | 19686 | 1703 | 2543 | 4341 | 8318 |
| | 20 | 3040 | 5405 | 11201 | 26224 | 2561 | 3652 | 5781 | 10038 |
| | 25 | 3292 | 5973 | 12276 | 27975 | 2689 | 3887 | 6130 | 10475 |
| 3 | 5 | 10673 | 14037 | 20399 | 34701 | 5606 | 6682 | 8513 | 12084 |
| | 10 | 17861 | 22411 | 30031 | 46844 | 7808 | 9053 | 10978 | 14774 |
| | 20 | 24192 | 29263 | 37533 | 55972 | 9519 | 10791 | 12733 | 16664 |
| | 25 | 25871 | 31123 | 39491 | 61267 | 9948 | 11241 | 13174 | 17720 |
| 4 | 5 | 1019 | 2075 | 5396 | 15129 | 1326 | 2030 | 3648 | 7012 |
| | 10 | 2830 | 5089 | 10051 | 23877 | 2451 | 3518 | 5396 | 9437 |
| | 20 | 5152 | 8433 | 14902 | 30900 | 3545 | 4827 | 6944 | 11187 |
| | 25 | 5685 | 9384 | 16196 | 32817 | 3769 | 5165 | 7328 | 11644 |
| 5 | 5 | 2212 | 4256 | 8340 | 19574 | 2110 | 3149 | 4794 | 8287 |
| | 10 | 5397 | 8381 | 14356 | 29105 | 3649 | 4809 | 6779 | 10753 |
| | 20 | 8885 | 12778 | 20092 | 36931 | 4990 | 6290 | 8430 | 12596 |
| | 25 | 9880 | 13976 | 21602 | 38411 | 5337 | 6663 | 8838 | 12931 |
| 6 | 5 | 3643 | 5826 | 10281 | 22533 | 2861 | 3827 | 5474 | 9086 |
| | 10 | 7518 | 10682 | 17279 | 32428 | 4490 | 5609 | 7642 | 11552 |
| | 20 | 11710 | 15701 | 23515 | 40336 | 5948 | 7182 | 9343 | 13362 |
| | 25 | 12808 | 17032 | 25166 | 42291 | 6300 | 7571 | 9769 | 13793 |
| 7 | 5 | 2542 | 4799 | 9004 | 20584 | 2296 | 3392 | 5032 | 8564 |
| | 10 | 5991 | 9165 | 15354 | 30239 | 3894 | 5089 | 7079 | 11028 |
| | 20 | 9739 | 13778 | 21261 | 37775 | 5289 | 6602 | 8747 | 12788 |
| | 25 | 10801 | 15021 | 22818 | 39733 | 5649 | 6980 | 9161 | 13228 |
| 8 | 5 | 4595 | 6934 | 11608 | 24395 | 3302 | 4267 | 5915 | 9571 |
| | 10 | 8869 | 12271 | 19164 | 34625 | 4984 | 6129 | 8174 | 12067 |
| | 20 | 13401 | 17652 | 25643 | 42619 | 6485 | 7748 | 9891 | 13864 |
| | 25 | 14627 | 19062 | 27374 | 44617 | 6861 | 8145 | 10326 | 14298 |

TABLE 5.021 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5439500 S. B. Kishwaukee River near Fairdale

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 1497 | 5877 | 16526 | 0 | 1668 | 3848 | 7424 |
| Q7,10 | 10 | 1656 | 3829 | 8174 | 18865 | 1772 | 2950 | 4733 | 8090 |
| 1 | 5 | 2742 | 5241 | 9449 | 19215 | 2404 | 3583 | 5188 | 8188 |
| | 10 | 4667 | 7407 | 12376 | 23645 | 3334 | 4448 | 6162 | 9377 |
| | 20 | 5779 | 8773 | 14172 | 26236 | 3807 | 4950 | 6723 | 10041 |
| | 25 | 6046 | 9006 | 14445 | 26886 | 3916 | 5033 | 6806 | 10204 |
| 2 | 5 | 998 | 2249 | 5995 | 16526 | 1309 | 2131 | 3896 | 7424 |
| | 10 | 1719 | 3887 | 8247 | 18956 | 1812 | 2977 | 4760 | 8116 |
| | 20 | 2243 | 4855 | 9652 | 21075 | 2128 | 3416 | 5259 | 8696 |
| | 25 | 2529 | 5127 | 9927 | 21539 | 2289 | 3534 | 5353 | 8821 |
| 3 | 5 | 5607 | 8135 | 12638 | 22951 | 3736 | 4719 | 6246 | 9196 |
| | 10 | 7814 | 10739 | 16144 | 27477 | 4601 | 5628 | 7313 | 10351 |
| | 20 | 9178 | 12397 | 18166 | 30394 | 5093 | 6169 | 7894 | 11066 |
| | 25 | 9452 | 12674 | 18512 | 31044 | 5189 | 6257 | 7992 | 11222 |
| 4 | 5 | 1730 | 3295 | 7425 | 16795 | 1819 | 2690 | 4455 | 7502 |
| | 10 | 2979 | 5264 | 9876 | 20910 | 2529 | 3593 | 5336 | 8652 |
| | 20 | 3759 | 6431 | 11463 | 23176 | 2917 | 4071 | 5867 | 9255 |
| | 25 | 4037 | 6699 | 11741 | 23719 | 3048 | 4176 | 5958 | 9396 |
| 5 | 5 | 1966 | 3786 | 7935 | 17393 | 1965 | 2930 | 4646 | 7674 |
| | 10 | 3387 | 5798 | 10496 | 21586 | 2736 | 3816 | 5547 | 8834 |
| | 20 | 4249 | 7015 | 12134 | 23932 | 3146 | 4299 | 6085 | 9452 |
| | 25 | 4524 | 7283 | 12411 | 24502 | 3270 | 4401 | 6174 | 9599 |
| 6 | 5 | 2453 | 4806 | 8983 | 18665 | 2247 | 3395 | 5025 | 8035 |
| | 10 | 4250 | 6924 | 11810 | 23024 | 3146 | 4264 | 5981 | 9215 |
| | 20 | 5299 | 8245 | 13558 | 25541 | 3607 | 4759 | 6534 | 9865 |
| | 25 | 5568 | 8516 | 13833 | 26167 | 3720 | 4858 | 6619 | 10023 |
| 7 | 5 | 2045 | 3953 | 8110 | 17597 | 2012 | 3008 | 4710 | 7733 |
| | 10 | 3525 | 5980 | 10708 | 21817 | 2804 | 3890 | 5618 | 8896 |
| | 20 | 4419 | 7214 | 12364 | 24191 | 3223 | 4375 | 6159 | 9519 |
| | 25 | 4693 | 7482 | 12640 | 24770 | 3345 | 4477 | 6246 | 9668 |
| 8 | 5 | 2592 | 5097 | 9294 | 19032 | 2323 | 3521 | 5134 | 8137 |
| | 10 | 4503 | 7247 | 12188 | 23438 | 3260 | 4387 | 6102 | 9323 |
| | 20 | 5598 | 8597 | 13968 | 26005 | 3733 | 4887 | 6660 | 9982 |
| | 25 | 5866 | 8869 | 14241 | 26647 | 3843 | 4984 | 6744 | 10144 |

TABLE 5.022 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5440000 Kishwaukee River near Perryville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 2251 | 23445 | 0 | 0 | 2133 | 9325 |
| Q7,10 | 10 | 2387 | 4501 | 13667 | 39291 | 2210 | 3260 | 6568 | 13129 |
| 1 | 5 | 11665 | 17454 | 29257 | 56142 | 5934 | 7692 | 10790 | 16698 |
| | 10 | 22107 | 29687 | 43591 | 74692 | 8973 | 10894 | 14076 | 20290 |
| | 20 | 29923 | 38397 | 54061 | 88602 | 10952 | 12928 | 16276 | 22822 |
| | 25 | 31717 | 40581 | 56907 | 91808 | 11383 | 13416 | 16853 | 23389 |
| 2 | 5 | 1717 | 2645 | 7262 | 28101 | 1811 | 2352 | 4393 | 10506 |
| | 10 | 3134 | 5832 | 15916 | 42203 | 2609 | 3829 | 7246 | 13773 |
| | 20 | 5666 | 10184 | 23281 | 52508 | 3761 | 5441 | 9282 | 15958 |
| | 25 | 6483 | 11741 | 24660 | 55298 | 4091 | 5958 | 9640 | 16528 |
| 3 | 5 | 16803 | 23769 | 36182 | 64342 | 7505 | 9409 | 12425 | 18321 |
| | 10 | 28937 | 37107 | 51935 | 84546 | 10712 | 12637 | 15840 | 22095 |
| | 20 | 37551 | 46773 | 63402 | 98436 | 12737 | 14759 | 18138 | 24546 |
| | 25 | 39698 | 49322 | 66587 | 101289 | 13220 | 15297 | 18756 | 25038 |
| 4 | 5 | 1993 | 3842 | 9749 | 31584 | 1981 | 2956 | 5292 | 11351 |
| | 10 | 4084 | 8602 | 19380 | 46389 | 3069 | 4889 | 8233 | 14678 |
| | 20 | 7424 | 13800 | 26947 | 57193 | 4455 | 6609 | 10219 | 16910 |
| | 25 | 8700 | 15331 | 28601 | 60153 | 4924 | 7073 | 10629 | 17500 |
| 5 | 5 | 4994 | 8650 | 18177 | 42981 | 3477 | 4906 | 7897 | 13943 |
| | 10 | 11283 | 17843 | 30520 | 60041 | 5808 | 7803 | 11096 | 17478 |
| | 20 | 17430 | 25275 | 39338 | 72490 | 7685 | 9797 | 13139 | 19878 |
| | 25 | 18914 | 26850 | 41562 | 74900 | 8104 | 10195 | 13633 | 20329 |
| 6 | 5 | 7032 | 12415 | 23067 | 48831 | 4306 | 6175 | 9226 | 15194 |
| | 10 | 15599 | 23165 | 36291 | 66910 | 7152 | 9252 | 12450 | 18818 |
| | 20 | 22937 | 31080 | 45852 | 79278 | 9192 | 11231 | 14563 | 21138 |
| | 25 | 24300 | 32929 | 48360 | 82604 | 9547 | 11670 | 15095 | 21744 |
| 7 | 5 | 5483 | 9746 | 19609 | 44656 | 3685 | 5291 | 8297 | 14306 |
| | 10 | 12458 | 19376 | 32174 | 62008 | 6189 | 8232 | 11491 | 17866 |
| | 20 | 18991 | 26943 | 41205 | 73774 | 8126 | 10218 | 13554 | 20118 |
| | 25 | 20454 | 28597 | 43510 | 77104 | 8528 | 10628 | 14058 | 20738 |
| 8 | 5 | 8979 | 14248 | 25528 | 51742 | 5023 | 6746 | 9862 | 15800 |
| | 10 | 18302 | 25702 | 39160 | 70329 | 7932 | 9906 | 13100 | 19470 |
| | 20 | 25774 | 33951 | 49089 | 83122 | 9924 | 11910 | 15248 | 21838 |
| | 25 | 27372 | 35937 | 51740 | 86446 | 10325 | 12369 | 15800 | 22437 |

TABLE 5.023 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5440500 Killbuck Creek Near Monroe Center

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 241 | 1226 | 4069 | 0 | 571 | 1480 | 3062 |
| Q7,10 | 10 | 318 | 648 | 1775 | 4463 | 671 | 1015 | 1847 | 3243 |
| 1 | 5 | 817 | 1362 | 2569 | 5117 | 1163 | 1576 | 2311 | 3530 |
| | 10 | 1437 | 2167 | 3460 | 6615 | 1627 | 2084 | 2772 | 4143 |
| | 20 | 1954 | 2743 | 4206 | 7670 | 1958 | 2404 | 3126 | 4547 |
| | 25 | 2034 | 2854 | 4433 | 7960 | 2006 | 2463 | 3229 | 4655 |
| 2 | 5 | 240 | 428 | 1234 | 4069 | 571 | 797 | 1486 | 3062 |
| | 10 | 439 | 834 | 2035 | 4791 | 808 | 1178 | 2006 | 3388 |
| | 20 | 711 | 1285 | 2609 | 5751 | 1072 | 1522 | 2332 | 3796 |
| | 25 | 755 | 1368 | 2704 | 5984 | 1111 | 1580 | 2384 | 3891 |
| 3 | 5 | 1178 | 1911 | 3127 | 5756 | 1445 | 1932 | 2605 | 3798 |
| | 10 | 1976 | 2727 | 4120 | 7376 | 1971 | 2396 | 3086 | 4436 |
| | 20 | 2544 | 3371 | 4985 | 8522 | 2297 | 2728 | 3473 | 4860 |
| | 25 | 2632 | 3550 | 5212 | 8688 | 2345 | 2816 | 3570 | 4919 |
| 4 | 5 | 286 | 607 | 1513 | 4069 | 631 | 977 | 1678 | 3062 |
| | 10 | 561 | 1108 | 2323 | 5163 | 933 | 1394 | 2173 | 3549 |
| | 20 | 911 | 1588 | 2913 | 6136 | 1241 | 1728 | 2495 | 3953 |
| | 25 | 975 | 1669 | 3044 | 6385 | 1292 | 1781 | 2562 | 4052 |
| 5 | 5 | 395 | 859 | 1919 | 4397 | 761 | 1198 | 1936 | 3213 |
| | 10 | 785 | 1504 | 2735 | 5714 | 1136 | 1673 | 2401 | 3781 |
| | 20 | 1233 | 2029 | 3380 | 6706 | 1485 | 2002 | 2732 | 4179 |
| | 25 | 1314 | 2108 | 3560 | 6978 | 1543 | 2050 | 2821 | 4284 |
| 6 | 5 | 645 | 1089 | 2295 | 4796 | 1012 | 1379 | 2157 | 3391 |
| | 10 | 1168 | 1876 | 3129 | 6230 | 1438 | 1910 | 2606 | 3990 |
| | 20 | 1654 | 2435 | 3815 | 7240 | 1771 | 2237 | 2943 | 4385 |
| | 25 | 1735 | 2514 | 4040 | 7533 | 1822 | 2280 | 3049 | 4496 |
| 7 | 5 | 403 | 865 | 1929 | 4408 | 769 | 1204 | 1943 | 3218 |
| | 10 | 796 | 1515 | 2746 | 5728 | 1146 | 1680 | 2406 | 3787 |
| | 20 | 1245 | 2040 | 3392 | 6721 | 1494 | 2009 | 2738 | 4185 |
| | 25 | 1326 | 2120 | 3573 | 6993 | 1551 | 2056 | 2827 | 4290 |
| 8 | 5 | 667 | 1115 | 2329 | 4834 | 1033 | 1399 | 2177 | 3407 |
| | 10 | 1200 | 1911 | 3167 | 6277 | 1461 | 1932 | 2625 | 4010 |
| | 20 | 1692 | 2473 | 3859 | 7291 | 1795 | 2258 | 2964 | 4404 |
| | 25 | 1773 | 2554 | 4086 | 7585 | 1846 | 2302 | 3071 | 4515 |

TABLE 5.024 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5441000 Leaf River at Leaf River

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 537 | 0 | 0 | 0 | 909 |
| Q7,10 | 10 | 133 | 192 | 483 | 1908 | 408 | 501 | 855 | 1930 |
| 1 | 5 | 769 | 1151 | 2023 | 3677 | 1123 | 1426 | 1999 | 2877 |
| | 10 | 1721 | 2270 | 3361 | 5627 | 1814 | 2144 | 2723 | 3745 |
| | 20 | 2707 | 3405 | 4742 | 7467 | 2386 | 2745 | 3367 | 4471 |
| | 25 | 3057 | 3816 | 5205 | 8030 | 2569 | 2944 | 3567 | 4681 |
| 2 | 5 | 0 | 118 | 234 | 1052 | 0 | 381 | 563 | 1351 |
| | 10 | 161 | 246 | 607 | 2161 | 453 | 578 | 977 | 2081 |
| | 20 | 258 | 461 | 1169 | 3263 | 594 | 832 | 1439 | 2674 |
| | 25 | 343 | 628 | 1450 | 3668 | 701 | 997 | 1636 | 2873 |
| 3 | 5 | 3673 | 3672 | 3672 | 3670 | 2875 | 2875 | 2875 | 2874 |
| | 10 | 5621 | 5621 | 5619 | 5617 | 3742 | 3742 | 3742 | 3741 |
| | 20 | 7459 | 7458 | 7456 | 7453 | 4468 | 4468 | 4467 | 4466 |
| | 25 | 8021 | 8020 | 8019 | 8015 | 4677 | 4677 | 4676 | 4675 |
| 4 | 5 | 1607 | 2121 | 3011 | 3676 | 1740 | 2057 | 2545 | 2877 |
| | 10 | 2814 | 3502 | 4755 | 5626 | 2442 | 2792 | 3373 | 3744 |
| | 20 | 4061 | 4924 | 6504 | 7465 | 3059 | 3446 | 4100 | 4470 |
| | 25 | 4499 | 5394 | 7032 | 8028 | 3259 | 3647 | 4305 | 4680 |
| 5 | 5 | 245 | 394 | 832 | 2460 | 577 | 759 | 1176 | 2250 |
| | 10 | 634 | 1025 | 1832 | 4005 | 1002 | 1330 | 1883 | 3033 |
| | 20 | 1208 | 1789 | 2849 | 5571 | 1467 | 1856 | 2461 | 3721 |
| | 25 | 1488 | 2061 | 3216 | 6065 | 1662 | 2022 | 2650 | 3924 |
| 6 | 5 | 368 | 580 | 1172 | 2916 | 730 | 952 | 1441 | 2496 |
| | 10 | 958 | 1394 | 2294 | 4632 | 1278 | 1598 | 2157 | 3318 |
| | 20 | 1687 | 2300 | 3434 | 6354 | 1792 | 2160 | 2759 | 4040 |
| | 25 | 1960 | 2591 | 3846 | 6876 | 1961 | 2323 | 2958 | 4245 |
| 7 | 5 | 287 | 432 | 911 | 2595 | 632 | 801 | 1241 | 2325 |
| | 10 | 742 | 1125 | 1970 | 4202 | 1100 | 1406 | 1967 | 3124 |
| | 20 | 1367 | 1943 | 3026 | 5824 | 1580 | 1951 | 2553 | 3826 |
| | 25 | 1645 | 2214 | 3414 | 6327 | 1764 | 2111 | 2749 | 4029 |
| 8 | 5 | 415 | 679 | 1346 | 3115 | 783 | 1044 | 1565 | 2599 |
| | 10 | 1079 | 1565 | 2501 | 4891 | 1372 | 1713 | 2273 | 3432 |
| | 20 | 1874 | 2508 | 3684 | 6670 | 1909 | 2277 | 2881 | 4165 |
| | 25 | 2146 | 2834 | 4107 | 7204 | 2072 | 2453 | 3080 | 4371 |

TABLE 5.025 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5443500 Rock River at Como

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 24517 | 0 | 0 | 0 | 9603 |
| Q7,10 | 10 | 26372 | 45270 | 94121 | 269256 | 10075 | 14438 | 23796 | 50014 |
| 1 | 5 | 84268 | 115770 | 197943 | 291267 | 22045 | 27479 | 40115 | 52933 |
| | 10 | 176709 | 232557 | 339303 | 456636 | 37005 | 45013 | 59129 | 73469 |
| | 20 | 278380 | 345310 | 470937 | 595552 | 51231 | 59889 | 75154 | 89391 |
| | 25 | 304646 | 377392 | 507766 | 636306 | 54682 | 63895 | 79442 | 93896 |
| 2 | 5 | 0 | 0 | 21072 | 89004 | 0 | 0 | 8696 | 22893 |
| | 10 | 0 | 21142 | 50850 | 185211 | 0 | 8715 | 15616 | 38261 |
| | 20 | 23291 | 41660 | 96779 | 288560 | 9285 | 13654 | 24259 | 52577 |
| | 25 | 23300 | 48115 | 114304 | 315734 | 9287 | 15043 | 27236 | 56117 |
| 3 | 5 | 118178 | 168011 | 258179 | 291227 | 27877 | 35705 | 48523 | 52928 |
| | 10 | 235628 | 299682 | 414926 | 456572 | 45438 | 54035 | 68483 | 73462 |
| | 20 | 348917 | 424338 | 548983 | 595467 | 60344 | 69617 | 84158 | 89382 |
| | 25 | 381135 | 459408 | 588320 | 636216 | 64357 | 73797 | 88585 | 93886 |
| 4 | 5 | 0 | 0 | 27565 | 105154 | 0 | 0 | 10373 | 25698 |
| | 10 | 14744 | 27649 | 62482 | 214319 | 6896 | 10394 | 17959 | 42457 |
| | 20 | 32279 | 51576 | 120427 | 323470 | 11516 | 15766 | 28247 | 57112 |
| | 25 | 35241 | 61702 | 141162 | 353751 | 12209 | 17806 | 31576 | 60951 |
| 5 | 5 | 28746 | 46509 | 87614 | 242545 | 10665 | 14703 | 22646 | 46392 |
| | 10 | 64638 | 102492 | 182714 | 395249 | 18379 | 25244 | 37894 | 66090 |
| | 20 | 124823 | 180939 | 285570 | 533387 | 28964 | 37632 | 52183 | 82383 |
| | 25 | 146157 | 203120 | 312477 | 565684 | 32358 | 40860 | 55697 | 86046 |
| 6 | 5 | 49809 | 72502 | 130266 | 291319 | 15399 | 19880 | 29844 | 52940 |
| | 10 | 109953 | 156085 | 251079 | 456720 | 26509 | 33893 | 47559 | 73479 |
| | 20 | 191553 | 252900 | 367082 | 595664 | 39189 | 47807 | 62617 | 89404 |
| | 25 | 213691 | 276895 | 399982 | 636424 | 42368 | 51033 | 66668 | 93909 |
| 7 | 5 | 41168 | 59632 | 109666 | 283352 | 13546 | 17397 | 26461 | 51890 |
| | 10 | 90769 | 132008 | 222478 | 446667 | 23206 | 30123 | 43607 | 72287 |
| | 20 | 164822 | 222868 | 333266 | 584433 | 35224 | 43661 | 58363 | 88150 |
| | 25 | 186385 | 244923 | 364418 | 624853 | 38433 | 46718 | 62285 | 92637 |
| 8 | 5 | 64515 | 95755 | 167482 | 291290 | 18355 | 24081 | 35625 | 52936 |
| | 10 | 141895 | 197359 | 298994 | 456674 | 31691 | 40031 | 53946 | 73474 |
| | 20 | 235957 | 303120 | 423527 | 595603 | 45484 | 54484 | 69520 | 89397 |
| | 25 | 258441 | 331591 | 458566 | 636359 | 48558 | 58149 | 73697 | 93902 |

TABLE 5.026 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5444000 Elkhorn Creek near Penrose

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 1236 | 0 | 0 | 0 | 1487 |
| Q7,10 | 10 | 444 | 810 | 1836 | 5027 | 814 | 1158 | 1885 | 3491 |
| 1 | 5 | 3059 | 3980 | 5585 | 7388 | 2570 | 3021 | 3727 | 4441 |
| | 10 | 5084 | 6124 | 8387 | 10689 | 3515 | 3948 | 4811 | 5612 |
| | 20 | 6939 | 8324 | 10847 | 13730 | 4269 | 4788 | 5664 | 6587 |
| | 25 | 7489 | 8872 | 11466 | 14691 | 4479 | 4985 | 5869 | 6881 |
| 2 | 5 | 0 | 414 | 998 | 3262 | 0 | 782 | 1310 | 2673 |
| | 10 | 503 | 956 | 2083 | 5326 | 875 | 1277 | 2035 | 3619 |
| | 20 | 907 | 1709 | 3317 | 7258 | 1237 | 1805 | 2701 | 4392 |
| | 25 | 1127 | 1980 | 3632 | 7807 | 1408 | 1973 | 2856 | 4598 |
| 3 | 5 | 4037 | 5004 | 6644 | 7387 | 3048 | 3481 | 4155 | 4441 |
| | 10 | 6188 | 7554 | 9842 | 10688 | 3974 | 4504 | 5324 | 5611 |
| | 20 | 8409 | 9933 | 12490 | 13728 | 4819 | 5356 | 6199 | 6587 |
| | 25 | 8957 | 10622 | 13374 | 14689 | 5015 | 5589 | 6477 | 6880 |
| 4 | 5 | 274 | 560 | 1227 | 3758 | 615 | 932 | 1481 | 2916 |
| | 10 | 712 | 1225 | 2549 | 5877 | 1073 | 1479 | 2300 | 3848 |
| | 20 | 1277 | 2198 | 3836 | 7993 | 1517 | 2102 | 2953 | 4667 |
| | 25 | 1533 | 2481 | 4194 | 8541 | 1692 | 2262 | 3120 | 4867 |
| 5 | 5 | 731 | 1168 | 2200 | 5223 | 1089 | 1438 | 2103 | 3575 |
| | 10 | 1553 | 2429 | 4018 | 7868 | 1705 | 2233 | 3039 | 4621 |
| | 20 | 2697 | 3698 | 5589 | 10278 | 2380 | 2888 | 3729 | 5473 |
| | 25 | 2998 | 4049 | 6094 | 10998 | 2539 | 3053 | 3936 | 5714 |
| 6 | 5 | 1160 | 1720 | 3000 | 6185 | 1432 | 1813 | 2540 | 3972 |
| | 10 | 2412 | 3350 | 5018 | 9215 | 2224 | 2717 | 3487 | 5107 |
| | 20 | 3679 | 4774 | 6851 | 11707 | 2878 | 3381 | 4236 | 5947 |
| | 25 | 4029 | 5206 | 7402 | 12542 | 3044 | 3568 | 4446 | 6215 |
| 7 | 5 | 831 | 1263 | 2354 | 5438 | 1175 | 1507 | 2191 | 3666 |
| | 10 | 1748 | 2624 | 4238 | 8176 | 1830 | 2341 | 3141 | 4734 |
| | 20 | 2926 | 3922 | 5854 | 10615 | 2502 | 2994 | 3838 | 5587 |
| | 25 | 3238 | 4284 | 6379 | 11214 | 2661 | 3162 | 4050 | 5786 |
| 8 | 5 | 1300 | 1952 | 3296 | 6513 | 1533 | 1956 | 2691 | 4103 |
| | 10 | 2700 | 3664 | 5365 | 9666 | 2382 | 2871 | 3635 | 5263 |
| | 20 | 4009 | 5165 | 7309 | 12270 | 3035 | 3550 | 4411 | 6128 |
| | 25 | 4376 | 5635 | 7858 | 13140 | 3203 | 3748 | 4617 | 6404 |

TABLE 5.027 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5445500 Rock Creek near Morrison

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 602 | 0 | 0 | 0 | 973 |
| Q7,10 | 10 | 0 | 0 | 752 | 3230 | 0 | 0 | 1108 | 2657 |
| 1 | 5 | 373 | 729 | 1649 | 4592 | 736 | 1088 | 1768 | 3300 |
| | 10 | 1045 | 1670 | 3122 | 7466 | 1346 | 1781 | 2602 | 4471 |
| | 20 | 1833 | 2877 | 4867 | 9917 | 1883 | 2476 | 3422 | 5350 |
| | 25 | 2119 | 3298 | 5507 | 10575 | 2056 | 2692 | 3695 | 5573 |
| 2 | 5 | 0 | 0 | 163 | 1275 | 0 | 0 | 456 | 1515 |
| | 10 | 0 | 0 | 429 | 2540 | 0 | 0 | 798 | 2295 |
| | 20 | 0 | 239 | 888 | 4102 | 0 | 569 | 1222 | 3078 |
| | 25 | 0 | 311 | 1090 | 4667 | 0 | 662 | 1380 | 3334 |
| 3 | 5 | 1137 | 1750 | 3025 | 6641 | 1415 | 1832 | 2553 | 4154 |
| | 10 | 2328 | 3280 | 5251 | 10203 | 2177 | 2683 | 3587 | 5448 |
| | 20 | 3822 | 5074 | 7655 | 12749 | 2947 | 3511 | 4541 | 6281 |
| | 25 | 4355 | 5732 | 8244 | 13597 | 3194 | 3788 | 4759 | 6546 |
| 4 | 5 | 0 | 0 | 260 | 1818 | 0 | 0 | 597 | 1874 |
| | 10 | 0 | 0 | 825 | 3393 | 0 | 0 | 1171 | 2739 |
| | 20 | 218 | 414 | 1475 | 5222 | 539 | 781 | 1653 | 3574 |
| | 25 | 280 | 569 | 1725 | 5893 | 623 | 941 | 1816 | 3854 |
| 5 | 5 | 171 | 294 | 902 | 3273 | 470 | 641 | 1233 | 2679 |
| | 10 | 464 | 912 | 1967 | 5626 | 835 | 1242 | 1966 | 3744 |
| | 20 | 938 | 1612 | 3361 | 8119 | 1262 | 1743 | 2723 | 4713 |
| | 25 | 1144 | 1875 | 3827 | 8705 | 1420 | 1909 | 2949 | 4926 |
| 6 | 5 | 225 | 479 | 1212 | 3807 | 550 | 851 | 1470 | 2940 |
| | 10 | 683 | 1226 | 2443 | 6386 | 1047 | 1480 | 2241 | 4053 |
| | 20 | 1260 | 2136 | 3974 | 8810 | 1504 | 2066 | 3018 | 4963 |
| | 25 | 1492 | 2464 | 4524 | 9472 | 1664 | 2253 | 3270 | 5196 |
| 7 | 5 | 191 | 360 | 1011 | 3450 | 500 | 720 | 1319 | 2767 |
| | 10 | 541 | 1022 | 2132 | 5889 | 913 | 1329 | 2064 | 3853 |
| | 20 | 1051 | 1795 | 3579 | 8306 | 1350 | 1860 | 2830 | 4782 |
| | 25 | 1264 | 2077 | 4068 | 8970 | 1507 | 2031 | 3062 | 5020 |
| 8 | 5 | 262 | 605 | 1432 | 4201 | 600 | 975 | 1624 | 3124 |
| | 10 | 835 | 1450 | 2784 | 6932 | 1179 | 1636 | 2427 | 4267 |
| | 20 | 1490 | 2512 | 4424 | 9365 | 1663 | 2279 | 3225 | 5159 |
| | 25 | 1741 | 2887 | 5024 | 10025 | 1826 | 2481 | 3490 | 5387 |

TABLE 5.028 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5446500 Rock River near Joslin

| | | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF | | | | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF | | | |
|---|---|---|---|---|---|---|---|---|---|
| LEVEL | T,YR | 2 | 5 | 10 | 20 | 2 | 5 | 10 | 20 |
| 0 | 25 | 0 | 0 | 0 | 16268 | 0 | 0 | 0 | 7349 |
| Q7,10 | 10 | 23440 | 46202 | 99825 | 306125 | 9324 | 14638 | 24786 | 54874 |
| 1 | 5 | 97967 | 138206 | 230431 | 309350 | 24465 | 31109 | 44717 | 55292 |
| | 10 | 210895 | 285831 | 425600 | 514153 | 41971 | 52218 | 69769 | 80178 |
| | 20 | 337960 | 427510 | 583804 | 687738 | 58959 | 69999 | 88080 | 99492 |
| | 25 | 381112 | 467136 | 626684 | 738928 | 64354 | 74708 | 92839 | 104970 |
| 2 | 5 | 0 | 0 | 19362 | 94401 | 0 | 0 | 8229 | 23844 |
| | 10 | 6542 | 19470 | 53770 | 203729 | 4115 | 8259 | 16217 | 40948 |
| | 20 | 19084 | 40449 | 97812 | 328880 | 8151 | 13387 | 24438 | 57804 |
| | 25 | 19812 | 46002 | 116069 | 371219 | 8353 | 14595 | 27529 | 63131 |
| 3 | 5 | 188996 | 261096 | 309400 | 309266 | 38816 | 48917 | 55299 | 55282 |
| | 10 | 376393 | 457633 | 514237 | 514012 | 63772 | 73587 | 80188 | 80162 |
| | 20 | 528684 | 624039 | 687853 | 687545 | 81846 | 92547 | 99504 | 99471 |
| | 25 | 567306 | 670122 | 739052 | 738720 | 86228 | 97586 | 104983 | 104948 |
| 4 | 5 | 0 | 11861 | 35710 | 134762 | 0 | 5997 | 12317 | 30563 |
| | 10 | 19947 | 38379 | 87153 | 279719 | 8390 | 12924 | 22563 | 51409 |
| | 20 | 41300 | 72282 | 156269 | 420436 | 13575 | 19839 | 33921 | 69148 |
| | 25 | 47042 | 84967 | 182375 | 460405 | 14816 | 22171 | 37844 | 73915 |
| 5 | 5 | 36670 | 56352 | 107270 | 300627 | 12537 | 16741 | 26057 | 54159 |
| | 10 | 89063 | 128541 | 230053 | 503954 | 22904 | 29566 | 44665 | 79002 |
| | 20 | 159748 | 230290 | 362231 | 676258 | 34453 | 44698 | 62012 | 98251 |
| | 25 | 186134 | 263768 | 407560 | 726525 | 38397 | 49277 | 67590 | 103650 |
| 6 | 5 | 60184 | 92025 | 160552 | 309398 | 17506 | 23428 | 34576 | 55299 |
| | 10 | 136228 | 198961 | 325599 | 514234 | 30796 | 40262 | 57384 | 80188 |
| | 20 | 242582 | 322840 | 469712 | 687848 | 46397 | 57031 | 75011 | 99503 |
| | 25 | 277249 | 364639 | 511029 | 739047 | 51081 | 62313 | 79818 | 104983 |
| 7 | 5 | 46698 | 71007 | 129269 | 309424 | 14743 | 19598 | 29683 | 55302 |
| | 10 | 109013 | 157759 | 269971 | 514278 | 26351 | 34150 | 50110 | 80193 |
| | 20 | 195952 | 269757 | 409162 | 687909 | 39827 | 50081 | 67785 | 99510 |
| | 25 | 225138 | 306827 | 449682 | 739113 | 43979 | 54965 | 72645 | 104990 |
| 8 | 5 | 76017 | 107076 | 183388 | 309378 | 20536 | 26024 | 37993 | 55296 |
| | 10 | 167712 | 229661 | 366374 | 514200 | 35660 | 44610 | 62529 | 80184 |
| | 20 | 282340 | 361736 | 517039 | 687802 | 51756 | 61951 | 80510 | 99499 |
| | 25 | 320528 | 407020 | 556191 | 738998 | 56734 | 67525 | 84974 | 104977 |

TABLE 5.029 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5447000 Green River at Amboy

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 1329 | 5049 | 0 | 0 | 1553 | 3500 |
| Q7,10 | 10 | 425 | 752 | 2177 | 5802 | 794 | 1108 | 2090 | 3817 |
| 1 | 5 | 1585 | 2316 | 3930 | 7599 | 1726 | 2170 | 2998 | 4521 |
| | 10 | 2553 | 3584 | 5448 | 9482 | 2302 | 2833 | 3670 | 5200 |
| | 20 | 3305 | 4460 | 6468 | 11302 | 2695 | 3241 | 4085 | 5815 |
| | 25 | 3473 | 4710 | 6740 | 11819 | 2778 | 3353 | 4192 | 5984 |
| 2 | 5 | 333 | 772 | 1810 | 5049 | 689 | 1125 | 1869 | 3500 |
| | 10 | 628 | 1334 | 2867 | 6594 | 997 | 1557 | 2471 | 4135 |
| | 20 | 1003 | 1885 | 3662 | 7737 | 1313 | 1916 | 2870 | 4572 |
| | 25 | 1137 | 2029 | 3855 | 8102 | 1415 | 2003 | 2962 | 4707 |
| 3 | 5 | 2095 | 2947 | 4639 | 8415 | 2042 | 2512 | 3321 | 4821 |
| | 10 | 3272 | 4335 | 6266 | 10432 | 2678 | 3185 | 4005 | 5525 |
| | 20 | 4122 | 5293 | 7367 | 12388 | 3087 | 3605 | 4433 | 6166 |
| | 25 | 4330 | 5565 | 7696 | 12933 | 3182 | 3719 | 4557 | 6339 |
| 4 | 5 | 393 | 961 | 2062 | 5297 | 758 | 1281 | 2022 | 3606 |
| | 10 | 759 | 1628 | 3226 | 7009 | 1114 | 1754 | 2655 | 4296 |
| | 20 | 1214 | 2228 | 4070 | 8207 | 1471 | 2119 | 3063 | 4745 |
| | 25 | 1375 | 2371 | 4291 | 8623 | 1585 | 2200 | 3165 | 4896 |
| 5 | 5 | 865 | 1439 | 2717 | 6186 | 1203 | 1628 | 2391 | 3973 |
| | 10 | 1477 | 2348 | 4092 | 7996 | 1654 | 2187 | 3073 | 4668 |
| | 20 | 2051 | 3072 | 5019 | 9369 | 2016 | 2577 | 3488 | 5160 |
| | 25 | 2195 | 3224 | 5291 | 9886 | 2100 | 2655 | 3604 | 5339 |
| 6 | 5 | 1253 | 1980 | 3464 | 7055 | 1499 | 1973 | 2774 | 4314 |
| | 10 | 2083 | 3110 | 4920 | 8909 | 2034 | 2596 | 3445 | 4998 |
| | 20 | 2769 | 3938 | 5910 | 10556 | 2419 | 3001 | 3861 | 5567 |
| | 25 | 2906 | 4150 | 6182 | 11074 | 2491 | 3100 | 3971 | 5740 |
| 7 | 5 | 799 | 1349 | 2596 | 6045 | 1149 | 1567 | 2325 | 3916 |
| | 10 | 1377 | 2223 | 3955 | 7848 | 1586 | 2116 | 3010 | 4613 |
| | 20 | 1932 | 2931 | 4875 | 9177 | 1944 | 2504 | 3425 | 5093 |
| | 25 | 2078 | 3074 | 5147 | 9694 | 2032 | 2578 | 3542 | 5273 |
| 8 | 5 | 1169 | 1862 | 3302 | 6866 | 1439 | 1902 | 2694 | 4241 |
| | 10 | 1951 | 2945 | 4737 | 8711 | 1956 | 2511 | 3365 | 4927 |
| | 20 | 2614 | 3751 | 5717 | 10298 | 2335 | 2913 | 3782 | 5480 |
| | 25 | 2752 | 3949 | 5989 | 10815 | 2410 | 3007 | 3893 | 5654 |

TABLE 5.030 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5447500 Green River near Geneseo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 5323 | 27264 | 0 | 0 | 3617 | 10298 |
| Q7,10 | 10 | 3330 | 6523 | 14619 | 37409 | 2707 | 4107 | 6859 | 12705 |
| 1 | 5 | 10278 | 15104 | 24706 | 47966 | 5473 | 7005 | 9651 | 15012 |
| | 10 | 17862 | 24685 | 36700 | 62441 | 7808 | 9646 | 12544 | 17951 |
| | 20 | 25610 | 33141 | 46259 | 74736 | 9882 | 11720 | 14650 | 20298 |
| | 25 | 27580 | 35081 | 48536 | 78865 | 10377 | 12172 | 15132 | 21062 |
| 2 | 5 | 1883 | 3810 | 9052 | 27264 | 1914 | 2941 | 5049 | 10298 |
| | 10 | 4046 | 7185 | 15830 | 39007 | 3052 | 4364 | 7220 | 13065 |
| | 20 | 6552 | 12045 | 23135 | 48783 | 4118 | 6056 | 9244 | 15184 |
| | 25 | 7489 | 13281 | 24985 | 51165 | 4479 | 6448 | 9723 | 15681 |
| 3 | 5 | 16309 | 22056 | 33125 | 57012 | 7361 | 8959 | 11716 | 16874 |
| | 10 | 26420 | 33640 | 45898 | 72106 | 10087 | 11837 | 14573 | 19806 |
| | 20 | 35035 | 42914 | 56595 | 87423 | 12161 | 13929 | 16790 | 22611 |
| | 25 | 36968 | 45052 | 59555 | 92034 | 12605 | 14391 | 17382 | 23429 |
| 4 | 5 | 3124 | 5490 | 11609 | 30908 | 2604 | 3688 | 5915 | 11189 |
| | 10 | 6041 | 9963 | 19763 | 43606 | 3914 | 5366 | 8339 | 14079 |
| | 20 | 10053 | 15949 | 27677 | 53951 | 5397 | 7255 | 10401 | 16254 |
| | 25 | 11158 | 17403 | 29638 | 56674 | 5767 | 7677 | 10883 | 16806 |
| 5 | 5 | 6377 | 9766 | 17598 | 39703 | 4049 | 5298 | 7733 | 13221 |
| | 10 | 11401 | 17024 | 28275 | 52706 | 5847 | 7568 | 10549 | 15999 |
| | 20 | 17746 | 24615 | 37063 | 64466 | 7775 | 9628 | 12627 | 18345 |
| | 25 | 19294 | 26549 | 38988 | 68138 | 8210 | 10119 | 13061 | 19053 |
| 6 | 5 | 9093 | 13470 | 22512 | 45485 | 5063 | 6507 | 9080 | 14484 |
| | 10 | 15899 | 22336 | 34165 | 59485 | 7241 | 9034 | 11959 | 17368 |
| | 20 | 23220 | 30579 | 43488 | 72291 | 9266 | 11110 | 14054 | 19840 |
| | 25 | 25074 | 32529 | 45650 | 75326 | 9746 | 11576 | 14520 | 20408 |
| 7 | 5 | 6598 | 9976 | 17896 | 40144 | 4137 | 5370 | 7818 | 13319 |
| | 10 | 11762 | 17375 | 28704 | 53163 | 5965 | 7669 | 10655 | 16093 |
| | 20 | 18192 | 25052 | 37532 | 64995 | 7901 | 9740 | 12733 | 18448 |
| | 25 | 19764 | 27010 | 39456 | 68715 | 8339 | 10235 | 13166 | 19163 |
| 8 | 5 | 9283 | 13744 | 22879 | 45899 | 5130 | 6591 | 9177 | 14573 |
| | 10 | 16216 | 22729 | 34588 | 59978 | 7334 | 9137 | 12058 | 17465 |
| | 20 | 23614 | 31007 | 43951 | 71901 | 9369 | 11213 | 14154 | 19767 |
| | 25 | 25490 | 32955 | 46132 | 75916 | 9852 | 11676 | 14623 | 20518 |

TABLE 5.031 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5448000 Mill Creek at Milan

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 185 | 694 | 1660 | 3801 | 491 | 1057 | 1774 | 2937 |
| Q7,10 | 10 | 209 | 694 | 1660 | 3801 | 526 | 1057 | 1774 | 2937 |
| 1 | 5 | 811 | 1233 | 2025 | 3801 | 1158 | 1485 | 2000 | 2937 |
| | 10 | 1220 | 1735 | 2654 | 4572 | 1476 | 1822 | 2357 | 3291 |
| | 20 | 1501 | 2091 | 3135 | 5407 | 1670 | 2039 | 2609 | 3653 |
| | 25 | 1548 | 2166 | 3251 | 6086 | 1701 | 2083 | 2668 | 3933 |
| 2 | 5 | 469 | 749 | 1660 | 3801 | 841 | 1105 | 1774 | 2937 |
| | 10 | 599 | 1105 | 1960 | 3822 | 970 | 1391 | 1961 | 2947 |
| | 20 | 785 | 1368 | 2348 | 4459 | 1136 | 1580 | 2188 | 3241 |
| | 25 | 835 | 1421 | 2434 | 4701 | 1178 | 1617 | 2236 | 3349 |
| 3 | 5 | 1525 | 2024 | 2837 | 4590 | 1686 | 2000 | 2454 | 3300 |
| | 10 | 2081 | 2653 | 3576 | 5634 | 2033 | 2356 | 2829 | 3748 |
| | 20 | 2485 | 3134 | 4181 | 7366 | 2265 | 2609 | 3115 | 4433 |
| | 25 | 2577 | 3250 | 4392 | 8521 | 2315 | 2667 | 3211 | 4860 |
| 4 | 5 | 704 | 1052 | 1822 | 3801 | 1066 | 1351 | 1877 | 2937 |
| | 10 | 1024 | 1526 | 2422 | 4321 | 1330 | 1687 | 2229 | 3179 |
| | 20 | 1275 | 1852 | 2872 | 5080 | 1515 | 1895 | 2473 | 3514 |
| | 25 | 1327 | 1917 | 2979 | 5498 | 1552 | 1935 | 2529 | 3691 |
| 5 | 5 | 420 | 701 | 1660 | 3801 | 788 | 1063 | 1774 | 2937 |
| | 10 | 506 | 1019 | 1870 | 3801 | 879 | 1326 | 1906 | 2937 |
| | 20 | 678 | 1269 | 2245 | 4348 | 1043 | 1511 | 2129 | 3191 |
| | 25 | 731 | 1321 | 2327 | 4578 | 1090 | 1548 | 2176 | 3294 |
| 6 | 5 | 594 | 868 | 1660 | 3801 | 964 | 1206 | 1774 | 2937 |
| | 10 | 824 | 1320 | 2187 | 4070 | 1170 | 1547 | 2096 | 3063 |
| | 20 | 1044 | 1610 | 2607 | 4740 | 1345 | 1742 | 2332 | 3366 |
| | 25 | 1096 | 1664 | 2704 | 5013 | 1385 | 1777 | 2384 | 3485 |
| 7 | 5 | 441 | 721 | 1660 | 3801 | 811 | 1081 | 1774 | 2937 |
| | 10 | 546 | 1056 | 1909 | 3801 | 919 | 1354 | 1930 | 2937 |
| | 20 | 724 | 1311 | 2289 | 4396 | 1084 | 1541 | 2154 | 3212 |
| | 25 | 777 | 1364 | 2373 | 4631 | 1129 | 1577 | 2202 | 3318 |
| 8 | 5 | 615 | 903 | 1660 | 3801 | 984 | 1234 | 1774 | 2937 |
| | 10 | 862 | 1360 | 2232 | 4117 | 1201 | 1575 | 2121 | 3085 |
| | 20 | 1088 | 1655 | 2657 | 4804 | 1378 | 1772 | 2359 | 3394 |
| | 25 | 1140 | 1712 | 2756 | 5082 | 1417 | 1808 | 2412 | 3514 |

TABLE 5.032 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5466000 Edwards River near Orion

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 281 | 1049 | 3263 | 8053 | 624 | 1349 | 2674 | 4689 |
| Q7,10 | 10 | 478 | 1328 | 3263 | 8053 | 850 | 1553 | 2674 | 4689 |
| 1 | 5 | 1887 | 2898 | 4890 | 8870 | 1917 | 2487 | 3431 | 4984 |
| | 10 | 2731 | 3962 | 6136 | 10763 | 2398 | 3013 | 3953 | 5636 |
| | 20 | 3369 | 4731 | 7107 | 12454 | 2727 | 3362 | 4334 | 6187 |
| | 25 | 3607 | 4971 | 7426 | 13030 | 2844 | 3467 | 4455 | 6369 |
| 2 | 5 | 795 | 1496 | 3263 | 8053 | 1145 | 1667 | 2674 | 4689 |
| | 10 | 1223 | 2214 | 4222 | 8675 | 1478 | 2111 | 3133 | 4915 |
| | 20 | 1603 | 2785 | 5019 | 10059 | 1738 | 2427 | 3488 | 5399 |
| | 25 | 1689 | 2997 | 5261 | 10392 | 1793 | 2538 | 3591 | 5512 |
| 3 | 5 | 3568 | 4841 | 6826 | 11134 | 2825 | 3410 | 4226 | 5760 |
| | 10 | 4755 | 6085 | 8323 | 13314 | 3372 | 3932 | 4788 | 6458 |
| | 20 | 5604 | 7052 | 9644 | 15390 | 3735 | 4313 | 5256 | 7090 |
| | 25 | 5861 | 7369 | 9978 | 16036 | 3841 | 4434 | 5371 | 7281 |
| 4 | 5 | 1368 | 2254 | 4078 | 8056 | 1580 | 2134 | 3067 | 4690 |
| | 10 | 2031 | 3184 | 5286 | 9841 | 2004 | 2634 | 3602 | 5324 |
| | 20 | 2568 | 3852 | 6182 | 11400 | 2310 | 2961 | 3971 | 5847 |
| | 25 | 2757 | 4090 | 6463 | 11850 | 2412 | 3072 | 4083 | 5993 |
| 5 | 5 | 875 | 1569 | 3263 | 8053 | 1211 | 1715 | 2674 | 4689 |
| | 10 | 1335 | 2319 | 4354 | 8827 | 1557 | 2172 | 3194 | 4969 |
| | 20 | 1737 | 2909 | 5166 | 10239 | 1823 | 2493 | 3551 | 5460 |
| | 25 | 1836 | 3135 | 5409 | 10570 | 1885 | 2609 | 3654 | 5572 |
| 6 | 5 | 1383 | 2277 | 4107 | 8085 | 1591 | 2147 | 3080 | 4701 |
| | 10 | 2053 | 3213 | 5317 | 9875 | 2017 | 2649 | 3615 | 5335 |
| | 20 | 2595 | 3883 | 6215 | 11438 | 2325 | 2976 | 3985 | 5859 |
| | 25 | 2786 | 4121 | 6498 | 11892 | 2428 | 3087 | 4097 | 6007 |
| 7 | 5 | 981 | 1686 | 3376 | 8053 | 1297 | 1791 | 2730 | 4689 |
| | 10 | 1485 | 2478 | 4540 | 9037 | 1659 | 2261 | 3277 | 5044 |
| | 20 | 1917 | 3092 | 5371 | 10483 | 1935 | 2587 | 3638 | 5542 |
| | 25 | 2030 | 3330 | 5618 | 10823 | 2003 | 2707 | 3741 | 5656 |
| 8 | 5 | 1475 | 2414 | 4279 | 8257 | 1653 | 2225 | 3159 | 4764 |
| | 10 | 2185 | 3381 | 5496 | 10069 | 2094 | 2733 | 3690 | 5402 |
| | 20 | 2751 | 4069 | 6411 | 11660 | 2409 | 3063 | 4063 | 5932 |
| | 25 | 2959 | 4308 | 6701 | 12141 | 2519 | 3172 | 4177 | 6087 |

TABLE 5.033 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5466500 Edwards River near New Boston

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 1259 | 5802 | 17797 | 0 | 1504 | 3817 | 7789 |
| Q7,10 | 10 | 689 | 2448 | 6239 | 17797 | 1053 | 2244 | 3994 | 7789 |
| 1 | 5 | 3943 | 5881 | 9932 | 20280 | 3004 | 3849 | 5355 | 8481 |
| | 10 | 6073 | 8818 | 14252 | 26685 | 3927 | 4966 | 6747 | 10154 |
| | 20 | 7958 | 11150 | 17299 | 31482 | 4654 | 5765 | 7648 | 11327 |
| | 25 | 8499 | 11890 | 18257 | 33030 | 4852 | 6007 | 7920 | 11694 |
| 2 | 5 | 1281 | 2528 | 5802 | 17797 | 1520 | 2288 | 3817 | 7789 |
| | 10 | 2228 | 4101 | 8637 | 19732 | 2119 | 3078 | 4901 | 8331 |
| | 20 | 3147 | 5601 | 10950 | 23941 | 2615 | 3734 | 5698 | 9454 |
| | 25 | 3331 | 5993 | 11683 | 24901 | 2708 | 3895 | 5939 | 9701 |
| 3 | 5 | 7976 | 10594 | 15916 | 26611 | 4661 | 5580 | 7246 | 10135 |
| | 10 | 11647 | 14937 | 20804 | 34376 | 5927 | 6955 | 8623 | 12009 |
| | 20 | 14348 | 18163 | 25058 | 40467 | 6776 | 7893 | 9741 | 13391 |
| | 25 | 15204 | 19118 | 26113 | 42064 | 7034 | 8161 | 10010 | 13743 |
| 4 | 5 | 2404 | 4352 | 8006 | 17920 | 2219 | 3192 | 4672 | 7825 |
| | 10 | 3928 | 6648 | 11687 | 23437 | 2997 | 4156 | 5941 | 9323 |
| | 20 | 5392 | 8643 | 14393 | 28019 | 3647 | 4903 | 6790 | 10486 |
| | 25 | 5771 | 9228 | 15250 | 29330 | 3804 | 5111 | 7048 | 10808 |
| 5 | 5 | 1917 | 3553 | 7010 | 17797 | 1935 | 2817 | 4297 | 7789 |
| | 10 | 3183 | 5524 | 10324 | 21908 | 2633 | 3702 | 5489 | 8920 |
| | 20 | 4412 | 7306 | 12872 | 26210 | 3220 | 4410 | 6320 | 10034 |
| | 25 | 4718 | 7806 | 13675 | 27365 | 3356 | 4598 | 6570 | 10324 |
| 6 | 5 | 3058 | 4977 | 8791 | 18889 | 2570 | 3469 | 4956 | 8097 |
| | 10 | 4838 | 7532 | 12761 | 24805 | 3409 | 4496 | 6285 | 9677 |
| | 20 | 6477 | 9693 | 15586 | 29454 | 4089 | 5273 | 7148 | 10838 |
| | 25 | 6924 | 10305 | 16494 | 30890 | 4264 | 5482 | 7415 | 11185 |
| 7 | 5 | 1986 | 3665 | 7149 | 17797 | 1977 | 2872 | 4350 | 7789 |
| | 10 | 3287 | 5681 | 10515 | 21949 | 2686 | 3767 | 5553 | 8931 |
| | 20 | 4551 | 7493 | 13085 | 26462 | 3282 | 4481 | 6387 | 10098 |
| | 25 | 4867 | 8005 | 13895 | 27639 | 3422 | 4671 | 6638 | 10392 |
| 8 | 5 | 3106 | 5015 | 8852 | 18965 | 2594 | 3486 | 4978 | 8118 |
| | 10 | 4909 | 7601 | 12845 | 24911 | 3440 | 4521 | 6311 | 9704 |
| | 20 | 6561 | 9775 | 15679 | 29566 | 4122 | 5301 | 7176 | 10865 |
| | 25 | 7014 | 10392 | 16591 | 31012 | 4298 | 5512 | 7443 | 11214 |

TABLE 5.034 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5467000 Pope Creek near Keithsburg

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 693 | 2517 | 7440 | 0 | 1056 | 2282 | 4461 |
| Q7,10 | 10 | 233 | 892 | 2517 | 7440 | 560 | 1225 | 2282 | 4461 |
| 1 | 5 | 1221 | 2081 | 3763 | 7951 | 1477 | 2034 | 2919 | 4651 |
| | 10 | 2039 | 3144 | 5280 | 10042 | 2008 | 2614 | 3599 | 5393 |
| | 20 | 2732 | 4120 | 6457 | 11898 | 2399 | 3086 | 4081 | 6009 |
| | 25 | 2898 | 4369 | 6831 | 12390 | 2487 | 3200 | 4228 | 6167 |
| 2 | 5 | 507 | 913 | 2517 | 7440 | 879 | 1242 | 2282 | 4461 |
| | 10 | 740 | 1586 | 3374 | 7962 | 1098 | 1727 | 2729 | 4656 |
| | 20 | 1185 | 2173 | 4409 | 9402 | 1450 | 2088 | 3218 | 5172 |
| | 25 | 1231 | 2303 | 4676 | 9792 | 1483 | 2162 | 3338 | 5307 |
| 3 | 5 | 3356 | 4427 | 6419 | 10953 | 2720 | 3226 | 4066 | 5699 |
| | 10 | 4749 | 6112 | 8542 | 13660 | 3370 | 3943 | 4867 | 6566 |
| | 20 | 5904 | 7355 | 10070 | 16127 | 3859 | 4429 | 5402 | 7308 |
| | 25 | 6250 | 7756 | 10474 | 16900 | 3999 | 4579 | 5539 | 7533 |
| 4 | 5 | 965 | 1812 | 3434 | 7488 | 1284 | 1871 | 2759 | 4479 |
| | 10 | 1695 | 2790 | 4847 | 9564 | 1797 | 2430 | 3413 | 5228 |
| | 20 | 2302 | 3689 | 6006 | 11345 | 2162 | 2883 | 3900 | 5829 |
| | 25 | 2442 | 3911 | 6358 | 11809 | 2240 | 2989 | 4042 | 5980 |
| 5 | 5 | 661 | 1139 | 2602 | 7440 | 1027 | 1417 | 2329 | 4461 |
| | 10 | 1061 | 1936 | 3818 | 8498 | 1358 | 1947 | 2945 | 4851 |
| | 20 | 1559 | 2602 | 4919 | 10020 | 1709 | 2329 | 3444 | 5385 |
| | 25 | 1636 | 2760 | 5216 | 10421 | 1759 | 2414 | 3572 | 5522 |
| 6 | 5 | 927 | 1730 | 3331 | 7440 | 1254 | 1819 | 2708 | 4461 |
| | 10 | 1617 | 2684 | 4717 | 9421 | 1747 | 2373 | 3356 | 5179 |
| | 20 | 2210 | 3554 | 5871 | 11179 | 2109 | 2818 | 3845 | 5774 |
| | 25 | 2342 | 3768 | 6215 | 11635 | 2184 | 2921 | 3985 | 5924 |
| 7 | 5 | 716 | 1261 | 2751 | 7440 | 1077 | 1505 | 2409 | 4461 |
| | 10 | 1176 | 2086 | 3990 | 8703 | 1444 | 2036 | 3026 | 4925 |
| | 20 | 1694 | 2798 | 5114 | 10256 | 1796 | 2434 | 3528 | 5466 |
| | 25 | 1782 | 2967 | 5420 | 10668 | 1852 | 2523 | 3658 | 5605 |
| 8 | 5 | 965 | 1812 | 3434 | 7488 | 1284 | 1871 | 2759 | 4479 |
| | 10 | 1695 | 2790 | 4847 | 9564 | 1797 | 2430 | 3413 | 5228 |
| | 20 | 2302 | 3689 | 6006 | 11345 | 2162 | 2883 | 3900 | 5829 |
| | 25 | 2442 | 3911 | 6358 | 11809 | 2240 | 2989 | 4042 | 5980 |

TABLE 5.035 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5467500 Henderson Creek near Little York

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 263 | 1001 | 2935 | 7673 | 602 | 1312 | 2506 | 4548 |
| Q7,10 | 10 | 263 | 1001 | 2935 | 7673 | 602 | 1312 | 2506 | 4548 |
| 1 | 5 | 630 | 1315 | 2935 | 7673 | 999 | 1544 | 2506 | 4548 |
| | 10 | 982 | 1871 | 3670 | 7928 | 1297 | 1907 | 2874 | 4643 |
| | 20 | 1302 | 2390 | 4497 | 9218 | 1534 | 2211 | 3258 | 5107 |
| | 25 | 1342 | 2498 | 4708 | 9684 | 1562 | 2272 | 3352 | 5270 |
| 2 | 5 | 308 | 1001 | 2935 | 7673 | 659 | 1312 | 2506 | 4548 |
| | 10 | 510 | 1312 | 2956 | 7673 | 883 | 1541 | 2517 | 4548 |
| | 20 | 736 | 1708 | 3650 | 8304 | 1094 | 1805 | 2865 | 4781 |
| | 25 | 750 | 1770 | 3827 | 8647 | 1106 | 1844 | 2949 | 4905 |
| 3 | 5 | 2124 | 3024 | 4839 | 8812 | 2059 | 2552 | 3409 | 4964 |
| | 10 | 2913 | 4035 | 6168 | 10802 | 2495 | 3047 | 3966 | 5649 |
| | 20 | 3600 | 4923 | 7361 | 12575 | 2840 | 3446 | 4431 | 6226 |
| | 25 | 3775 | 5150 | 7583 | 13133 | 2924 | 3544 | 4514 | 6402 |
| 4 | 5 | 884 | 1550 | 3053 | 7673 | 1219 | 1703 | 2567 | 4548 |
| | 10 | 1308 | 2181 | 4073 | 8412 | 1539 | 2092 | 3064 | 4820 |
| | 20 | 1703 | 2765 | 4967 | 9729 | 1802 | 2417 | 3465 | 5285 |
| | 25 | 1765 | 2902 | 5195 | 10263 | 1841 | 2489 | 3563 | 5468 |
| 5 | 5 | 272 | 1001 | 2935 | 7673 | 613 | 1312 | 2506 | 4548 |
| | 10 | 444 | 1211 | 2935 | 7673 | 814 | 1469 | 2506 | 4548 |
| | 20 | 659 | 1584 | 3500 | 8143 | 1025 | 1725 | 2792 | 4722 |
| | 25 | 669 | 1639 | 3670 | 8465 | 1034 | 1761 | 2874 | 4839 |
| 6 | 5 | 401 | 1089 | 2935 | 7673 | 768 | 1379 | 2506 | 4548 |
| | 10 | 682 | 1578 | 3299 | 7673 | 1046 | 1721 | 2692 | 4548 |
| | 20 | 941 | 2029 | 4048 | 8732 | 1265 | 2003 | 3053 | 4935 |
| | 25 | 959 | 2111 | 4241 | 9133 | 1279 | 2051 | 3142 | 5078 |
| 7 | 5 | 353 | 1001 | 2935 | 7673 | 713 | 1312 | 2506 | 4548 |
| | 10 | 593 | 1439 | 3119 | 7673 | 963 | 1629 | 2601 | 4548 |
| | 20 | 834 | 1860 | 3840 | 8508 | 1178 | 1900 | 2955 | 4855 |
| | 25 | 849 | 1930 | 4024 | 8878 | 1191 | 1943 | 3042 | 4987 |
| 8 | 5 | 608 | 1296 | 2935 | 7673 | 978 | 1530 | 2506 | 4548 |
| | 10 | 954 | 1845 | 3636 | 7888 | 1275 | 1891 | 2858 | 4628 |
| | 20 | 1268 | 2358 | 4458 | 9175 | 1510 | 2194 | 3240 | 5092 |
| | 25 | 1306 | 2464 | 4667 | 9636 | 1537 | 2253 | 3334 | 5253 |

TABLE 5.036 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5468500 Cedar Creek at Little York

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 855 | 3919 | 0 | 0 | 1195 | 2993 |
| Q7,10 | 10 | 580 | 1132 | 2194 | 5688 | 951 | 1411 | 2100 | 3770 |
| 1 | 5 | 1089 | 1589 | 2636 | 5913 | 1379 | 1729 | 2347 | 3862 |
| | 10 | 1729 | 2410 | 4135 | 8031 | 1819 | 2223 | 3093 | 4681 |
| | 20 | 2415 | 3416 | 5443 | 9826 | 2226 | 2750 | 3668 | 5319 |
| | 25 | 2606 | 3712 | 5824 | 10357 | 2331 | 2894 | 3826 | 5500 |
| 2 | 5 | 324 | 580 | 1222 | 3919 | 678 | 952 | 1477 | 2993 |
| | 10 | 432 | 906 | 1908 | 5201 | 801 | 1237 | 1930 | 3566 |
| | 20 | 649 | 1276 | 2686 | 6647 | 1016 | 1516 | 2374 | 4156 |
| | 25 | 747 | 1405 | 2902 | 7069 | 1103 | 1606 | 2489 | 4319 |
| 3 | 5 | 2154 | 2809 | 4437 | 8069 | 2076 | 2440 | 3231 | 4695 |
| | 10 | 3319 | 4400 | 6341 | 10517 | 2702 | 3214 | 4035 | 5554 |
| | 20 | 4508 | 5746 | 7858 | 12630 | 3263 | 3794 | 4617 | 6243 |
| | 25 | 4857 | 6138 | 8318 | 13277 | 3417 | 3953 | 4786 | 6447 |
| 4 | 5 | 568 | 854 | 1701 | 4408 | 939 | 1195 | 1800 | 3218 |
| | 10 | 881 | 1419 | 2568 | 6307 | 1217 | 1615 | 2310 | 4021 |
| | 20 | 1244 | 1943 | 3638 | 7820 | 1493 | 1951 | 2858 | 4603 |
| | 25 | 1372 | 2088 | 3955 | 8279 | 1583 | 2037 | 3010 | 4772 |
| 5 | 5 | 607 | 927 | 1791 | 4552 | 977 | 1254 | 1858 | 3283 |
| | 10 | 958 | 1516 | 2721 | 6478 | 1278 | 1680 | 2393 | 4089 |
| | 20 | 1341 | 2087 | 3811 | 8011 | 1561 | 2037 | 2942 | 4674 |
| | 25 | 1472 | 2247 | 4135 | 8477 | 1651 | 2130 | 3093 | 4844 |
| 6 | 5 | 795 | 1272 | 2228 | 5252 | 1145 | 1513 | 2119 | 3587 |
| | 10 | 1314 | 1975 | 3445 | 7243 | 1543 | 1970 | 2765 | 4386 |
| | 20 | 1803 | 2787 | 4651 | 8943 | 1865 | 2428 | 3327 | 5010 |
| | 25 | 1943 | 3012 | 5006 | 9442 | 1951 | 2546 | 3482 | 5186 |
| 7 | 5 | 599 | 913 | 1774 | 4524 | 970 | 1242 | 1847 | 3270 |
| | 10 | 943 | 1497 | 2691 | 6445 | 1266 | 1668 | 2377 | 4076 |
| | 20 | 1322 | 2059 | 3777 | 7974 | 1548 | 2021 | 2926 | 4660 |
| | 25 | 1453 | 2216 | 4100 | 8439 | 1638 | 2112 | 3077 | 4830 |
| 8 | 5 | 784 | 1252 | 2203 | 5213 | 1136 | 1499 | 2105 | 3571 |
| | 10 | 1294 | 1949 | 3404 | 7196 | 1529 | 1955 | 2744 | 4368 |
| | 20 | 1776 | 2748 | 4604 | 8890 | 1848 | 2407 | 3306 | 4991 |
| | 25 | 1917 | 2969 | 4957 | 9388 | 1935 | 2524 | 3461 | 5167 |

TABLE 5.037 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5469000 Henderson Creek near Oquawka

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 1640 | 6330 | 18557 | 0 | 1761 | 4030 | 8004 |
| Q7,10 | 10 | 1149 | 2975 | 7112 | 18557 | 1424 | 2527 | 4336 | 8004 |
| 1 | 5 | 2439 | 4285 | 8182 | 18557 | 2239 | 3162 | 4736 | 8004 |
| | 10 | 3760 | 6468 | 11556 | 23753 | 2917 | 4085 | 5898 | 9405 |
| | 20 | 5081 | 8311 | 14361 | 27830 | 3514 | 4783 | 6780 | 10439 |
| | 25 | 5650 | 8976 | 15025 | 29176 | 3754 | 5022 | 6981 | 10770 |
| 2 | 5 | 1019 | 2207 | 6330 | 18557 | 1326 | 2107 | 4030 | 8004 |
| | 10 | 1586 | 3403 | 7843 | 19264 | 1726 | 2744 | 4611 | 8201 |
| | 20 | 2169 | 4607 | 9873 | 22665 | 2085 | 3307 | 5335 | 9120 |
| | 25 | 2269 | 5111 | 10537 | 23723 | 2143 | 3527 | 5561 | 9397 |
| 3 | 5 | 6226 | 8967 | 13863 | 25248 | 3989 | 5019 | 6628 | 9790 |
| | 10 | 9311 | 12475 | 18587 | 31577 | 5140 | 6194 | 8013 | 11349 |
| | 20 | 11586 | 15476 | 21962 | 37045 | 5908 | 7116 | 8934 | 12623 |
| | 25 | 12254 | 16139 | 22964 | 38722 | 6123 | 7311 | 9199 | 13001 |
| 4 | 5 | 2189 | 3828 | 7576 | 18557 | 2097 | 2949 | 4512 | 8004 |
| | 10 | 3375 | 5799 | 10849 | 22900 | 2730 | 3816 | 5665 | 9182 |
| | 20 | 4570 | 7530 | 13502 | 26856 | 3291 | 4495 | 6517 | 10196 |
| | 25 | 5068 | 8197 | 14167 | 28159 | 3509 | 4742 | 6721 | 10520 |
| 5 | 5 | 1642 | 2829 | 6330 | 18557 | 1763 | 2450 | 4030 | 8004 |
| | 10 | 2535 | 4351 | 9358 | 21261 | 2292 | 3192 | 5156 | 8746 |
| | 20 | 3434 | 5827 | 11643 | 24759 | 2759 | 3827 | 5926 | 9665 |
| | 25 | 3746 | 6504 | 12311 | 25973 | 2911 | 4099 | 6142 | 9974 |
| 6 | 5 | 2292 | 4016 | 7826 | 18557 | 2156 | 3038 | 4605 | 8004 |
| | 10 | 3534 | 6075 | 11140 | 23251 | 2808 | 3928 | 5762 | 9274 |
| | 20 | 4781 | 7852 | 13856 | 27257 | 3384 | 4615 | 6626 | 10297 |
| | 25 | 5301 | 8518 | 14520 | 28577 | 3608 | 4858 | 6829 | 10623 |
| 7 | 5 | 1937 | 3365 | 6967 | 18557 | 1947 | 2725 | 4280 | 8004 |
| | 10 | 2991 | 5123 | 10138 | 22044 | 2535 | 3532 | 5426 | 8956 |
| | 20 | 4046 | 6742 | 12638 | 25879 | 3052 | 4193 | 6246 | 9951 |
| | 25 | 4458 | 7412 | 13304 | 27141 | 3240 | 4450 | 6455 | 10268 |
| 8 | 5 | 2610 | 4596 | 8597 | 18868 | 2333 | 3302 | 4887 | 8091 |
| | 10 | 4023 | 6925 | 12042 | 24339 | 3041 | 4264 | 6055 | 9557 |
| | 20 | 5417 | 8844 | 14950 | 28500 | 3657 | 4975 | 6958 | 10605 |
| | 25 | 6057 | 9508 | 15613 | 29875 | 3921 | 5209 | 7156 | 10940 |

TABLE 5.038 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5495500 Bear Creek near Marcelline

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| Q7,10 | 10 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| 1 | 5 | 5978 | 9293 | 15247 | 33381 | 3889 | 5134 | 7048 | 11776 |
| | 10 | 6622 | 9489 | 15247 | 33381 | 4146 | 5202 | 7048 | 11776 |
| | 20 | 7246 | 10700 | 16527 | 33381 | 4387 | 5615 | 7424 | 11776 |
| | 25 | 7562 | 11057 | 17251 | 36914 | 4507 | 5734 | 7634 | 12593 |
| 2 | 5 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 10 | 6026 | 9293 | 15247 | 33381 | 3908 | 5134 | 7048 | 11776 |
| | 20 | 6407 | 9865 | 15629 | 33381 | 4061 | 5332 | 7161 | 11776 |
| | 25 | 6763 | 10187 | 16259 | 35159 | 4201 | 5442 | 7346 | 12190 |
| 3 | 5 | 8450 | 10564 | 15247 | 33381 | 4834 | 5570 | 7048 | 11776 |
| | 10 | 9985 | 13188 | 18411 | 33381 | 5373 | 6419 | 7963 | 11776 |
| | 20 | 11210 | 14540 | 20793 | 41442 | 5785 | 6835 | 8620 | 13606 |
| | 25 | 11588 | 15065 | 22011 | 45395 | 5908 | 6993 | 8947 | 14465 |
| 4 | 5 | 6673 | 9293 | 15247 | 33381 | 4166 | 5134 | 7048 | 11776 |
| | 10 | 7424 | 10639 | 15921 | 33381 | 4455 | 5595 | 7247 | 11776 |
| | 20 | 8410 | 11884 | 17800 | 35544 | 4819 | 6005 | 7791 | 12279 |
| | 25 | 8704 | 12290 | 18671 | 39439 | 4925 | 6135 | 8036 | 13162 |
| 5 | 5 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 10 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 20 | 5999 | 9473 | 15247 | 33381 | 3897 | 5197 | 7048 | 11776 |
| | 25 | 6374 | 9779 | 15797 | 34345 | 4048 | 5303 | 7210 | 12001 |
| 6 | 5 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 10 | 6044 | 9293 | 15247 | 33381 | 3916 | 5134 | 7048 | 11776 |
| | 20 | 6434 | 9890 | 15656 | 33381 | 4072 | 5341 | 7169 | 11776 |
| | 25 | 6788 | 10213 | 16289 | 35212 | 4211 | 5451 | 7355 | 12202 |
| 7 | 5 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 10 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 20 | 6107 | 9576 | 15320 | 33381 | 3941 | 5232 | 7069 | 11776 |
| | 25 | 6477 | 9886 | 15918 | 34558 | 4089 | 5340 | 7246 | 12051 |
| 8 | 5 | 5902 | 9293 | 15247 | 33381 | 3858 | 5134 | 7048 | 11776 |
| | 10 | 6163 | 9293 | 15247 | 33381 | 3964 | 5134 | 7048 | 11776 |
| | 20 | 6605 | 10056 | 15834 | 33381 | 4139 | 5398 | 7222 | 11776 |
| | 25 | 6928 | 10386 | 16485 | 35559 | 4265 | 5510 | 7412 | 12282 |

TABLE 5.039 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5510500 Hadley Creek at Kinderhook

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| Q7,10 | 10 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| 1 | 5 | 3562 | 4441 | 5920 | 10379 | 2822 | 3233 | 3865 | 5507 |
| | 10 | 3989 | 4844 | 6262 | 10379 | 3025 | 3411 | 4003 | 5507 |
| | 20 | 4366 | 5204 | 6771 | 10603 | 3199 | 3567 | 4204 | 5583 |
| | 25 | 4464 | 5343 | 7051 | 12424 | 3243 | 3626 | 4313 | 6178 |
| 2 | 5 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| | 10 | 3655 | 4444 | 5920 | 10379 | 2867 | 3234 | 3865 | 5507 |
| | 20 | 3896 | 4807 | 6316 | 10379 | 2982 | 3395 | 4025 | 5507 |
| | 25 | 3971 | 4848 | 6543 | 11256 | 3017 | 3413 | 4115 | 5800 |
| 3 | 5 | 4859 | 5706 | 6946 | 10379 | 3418 | 3777 | 4272 | 5507 |
| | 10 | 5717 | 6540 | 7768 | 10561 | 3782 | 4114 | 4584 | 5569 |
| | 20 | 6159 | 7138 | 9015 | 14682 | 3962 | 4346 | 5036 | 6878 |
| | 25 | 6367 | 7455 | 9897 | 16738 | 4045 | 4467 | 5343 | 7486 |
| 4 | 5 | 3861 | 4500 | 5920 | 10379 | 2965 | 3259 | 3865 | 5507 |
| | 10 | 4448 | 5276 | 6555 | 10379 | 3236 | 3598 | 4120 | 5507 |
| | 20 | 4811 | 5629 | 7296 | 11391 | 3397 | 3746 | 4406 | 5844 |
| | 25 | 4852 | 5788 | 7631 | 13527 | 3415 | 3811 | 4532 | 6525 |
| 5 | 5 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| | 10 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| | 20 | 3501 | 4461 | 5920 | 10379 | 2792 | 3242 | 3865 | 5507 |
| | 25 | 3627 | 4560 | 6078 | 10675 | 2853 | 3286 | 3929 | 5607 |
| 6 | 5 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| | 10 | 3536 | 4441 | 5920 | 10379 | 2809 | 3233 | 3865 | 5507 |
| | 20 | 3740 | 4669 | 6149 | 10379 | 2907 | 3335 | 3958 | 5507 |
| | 25 | 3858 | 4768 | 6356 | 10898 | 2964 | 3378 | 4041 | 5681 |
| 7 | 5 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| | 10 | 3562 | 4441 | 5920 | 10379 | 2822 | 3233 | 3865 | 5507 |
| | 20 | 3774 | 4699 | 6185 | 10379 | 2924 | 3348 | 3973 | 5507 |
| | 25 | 3891 | 4798 | 6397 | 10976 | 2979 | 3391 | 4057 | 5707 |
| 8 | 5 | 3494 | 4441 | 5920 | 10379 | 2788 | 3233 | 3865 | 5507 |
| | 10 | 3851 | 4686 | 6063 | 10379 | 2961 | 3342 | 3923 | 5507 |
| | 20 | 4129 | 4990 | 6502 | 10473 | 3091 | 3475 | 4099 | 5539 |
| | 25 | 4235 | 5109 | 6760 | 11874 | 3139 | 3526 | 4200 | 6001 |

TABLE 5.040 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5512500 Bay Creek at Pittsfield

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| Q7,10 | 10 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| 1 | 5 | 1941 | 2499 | 3445 | 6242 | 1950 | 2272 | 2764 | 3995 |
| | 10 | 2126 | 2611 | 3498 | 6242 | 2060 | 2333 | 2790 | 3995 |
| | 20 | 2271 | 2808 | 3716 | 6242 | 2144 | 2440 | 2896 | 3995 |
| | 25 | 2306 | 2878 | 3858 | 7093 | 2164 | 2476 | 2964 | 4329 |
| 2 | 5 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| | 10 | 1997 | 2499 | 3445 | 6242 | 1984 | 2272 | 2764 | 3995 |
| | 20 | 2090 | 2622 | 3568 | 6242 | 2039 | 2340 | 2824 | 3995 |
| | 25 | 2108 | 2677 | 3627 | 6679 | 2049 | 2370 | 2853 | 4168 |
| 3 | 5 | 2535 | 2993 | 3786 | 6242 | 2292 | 2536 | 2930 | 3995 |
| | 10 | 3021 | 3534 | 4307 | 6242 | 2551 | 2808 | 3172 | 3995 |
| | 20 | 3212 | 3761 | 4823 | 8254 | 2648 | 2918 | 3403 | 4763 |
| | 25 | 3302 | 3909 | 5363 | 9353 | 2693 | 2988 | 3634 | 5155 |
| 4 | 5 | 2107 | 2499 | 3445 | 6242 | 2049 | 2272 | 2764 | 3995 |
| | 10 | 2380 | 2914 | 3711 | 6242 | 2206 | 2495 | 2894 | 3995 |
| | 20 | 2580 | 3106 | 4046 | 6772 | 2317 | 2594 | 3052 | 4205 |
| | 25 | 2628 | 3192 | 4231 | 7762 | 2343 | 2638 | 3137 | 4581 |
| 5 | 5 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| | 10 | 1922 | 2499 | 3445 | 6242 | 1938 | 2272 | 2764 | 3995 |
| | 20 | 1992 | 2568 | 3471 | 6242 | 1980 | 2310 | 2777 | 3995 |
| | 25 | 2037 | 2616 | 3579 | 6485 | 2007 | 2336 | 2830 | 4092 |
| 6 | 5 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| | 10 | 1972 | 2499 | 3445 | 6242 | 1969 | 2272 | 2764 | 3995 |
| | 20 | 2057 | 2625 | 3536 | 6242 | 2019 | 2341 | 2809 | 3995 |
| | 25 | 2098 | 2646 | 3592 | 6614 | 2044 | 2353 | 2836 | 4143 |
| 7 | 5 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| | 10 | 1953 | 2499 | 3445 | 6242 | 1957 | 2272 | 2764 | 3995 |
| | 20 | 2033 | 2604 | 3512 | 6242 | 2005 | 2330 | 2797 | 3995 |
| | 25 | 2075 | 2623 | 3565 | 6566 | 2030 | 2340 | 2823 | 4124 |
| 8 | 5 | 1918 | 2499 | 3445 | 6242 | 1935 | 2272 | 2764 | 3995 |
| | 10 | 2015 | 2499 | 3445 | 6242 | 1994 | 2272 | 2764 | 3995 |
| | 20 | 2114 | 2644 | 3532 | 6242 | 2053 | 2352 | 2807 | 3995 |
| | 25 | 2131 | 2701 | 3654 | 6727 | 2063 | 2382 | 2866 | 4187 |

TABLE 5.041 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5513000 Bay Creek at Nebo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| Q7,10 | 10 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| 1 | 5 | 7096 | 8420 | 11619 | 22326 | 4330 | 4823 | 5918 | 9031 |
| | 10 | 7941 | 9409 | 11853 | 22326 | 4648 | 5174 | 5995 | 9031 |
| | 20 | 8561 | 10350 | 13619 | 23039 | 4874 | 5497 | 6553 | 9219 |
| | 25 | 8800 | 10791 | 14398 | 27059 | 4960 | 5646 | 6792 | 10247 |
| 2 | 5 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 10 | 7110 | 8506 | 11619 | 22326 | 4335 | 4854 | 5918 | 9031 |
| | 20 | 7561 | 9299 | 12477 | 22326 | 4506 | 5136 | 6195 | 9031 |
| | 25 | 7730 | 9608 | 13119 | 24439 | 4570 | 5243 | 6397 | 9583 |
| 3 | 5 | 10209 | 11532 | 13404 | 22326 | 5450 | 5890 | 6486 | 9031 |
| | 10 | 11419 | 12989 | 15841 | 22326 | 5853 | 6356 | 7224 | 9031 |
| | 20 | 13184 | 15182 | 19443 | 33158 | 6418 | 7028 | 8251 | 11724 |
| | 25 | 13703 | 16469 | 23001 | 39487 | 6579 | 7408 | 9209 | 13173 |
| 4 | 5 | 7825 | 9176 | 11619 | 22326 | 4605 | 5093 | 5918 | 9031 |
| | 10 | 8779 | 10136 | 12725 | 22326 | 4952 | 5425 | 6273 | 9031 |
| | 20 | 9656 | 11412 | 14844 | 25407 | 5260 | 5851 | 6927 | 9831 |
| | 25 | 9898 | 11967 | 15911 | 29702 | 5343 | 6031 | 7244 | 10898 |
| 5 | 5 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 10 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 20 | 6963 | 8542 | 11619 | 22326 | 4279 | 4867 | 5918 | 9031 |
| | 25 | 7183 | 8779 | 12197 | 22796 | 4363 | 4952 | 6105 | 9155 |
| 6 | 5 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 10 | 6962 | 8347 | 11619 | 22326 | 4278 | 4797 | 5918 | 9031 |
| | 20 | 7398 | 9091 | 12243 | 22326 | 4445 | 5063 | 6120 | 9031 |
| | 25 | 7652 | 9381 | 12866 | 23990 | 4540 | 5164 | 6318 | 9467 |
| 7 | 5 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 10 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 20 | 7201 | 8842 | 11962 | 22326 | 4370 | 4974 | 6030 | 9031 |
| | 25 | 7442 | 9108 | 12562 | 23446 | 4461 | 5069 | 6222 | 9325 |
| 8 | 5 | 6768 | 8252 | 11619 | 22326 | 4203 | 4762 | 5918 | 9031 |
| | 10 | 7381 | 8794 | 11619 | 22326 | 4438 | 4957 | 5918 | 9031 |
| | 20 | 7791 | 9570 | 12904 | 22326 | 4592 | 5230 | 6330 | 9031 |
| | 25 | 8006 | 9921 | 13390 | 25256 | 4672 | 5351 | 6482 | 9792 |

TABLE 5.042 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5520000 Singleton Ditch at Illinoi

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 1069 | 5909 | 0 | 0 | 1364 | 3861 |
| Q7,10 | 10 | 523 | 1265 | 3131 | 8827 | 895 | 1508 | 2607 | 4969 |
| 1 | 5 | 2813 | 4165 | 6648 | 12713 | 2442 | 3107 | 4156 | 6269 |
| | 10 | 4838 | 6533 | 9702 | 17280 | 3409 | 4111 | 5276 | 7642 |
| | 20 | 6512 | 8383 | 12285 | 20262 | 4103 | 4810 | 6133 | 8476 |
| | 25 | 6938 | 9061 | 12980 | 21176 | 4269 | 5052 | 6354 | 8724 |
| 2 | 5 | 507 | 835 | 2084 | 6789 | 879 | 1178 | 2035 | 4211 |
| | 10 | 945 | 1641 | 3875 | 9881 | 1268 | 1762 | 2972 | 5338 |
| | 20 | 1545 | 2595 | 5472 | 12508 | 1700 | 2325 | 3680 | 6205 |
| | 25 | 1762 | 2892 | 5775 | 13202 | 1840 | 2483 | 3806 | 6423 |
| 3 | 5 | 4478 | 5985 | 8731 | 15379 | 3250 | 3892 | 4935 | 7087 |
| | 10 | 6932 | 8862 | 12353 | 19928 | 4267 | 4981 | 6155 | 8384 |
| | 20 | 8830 | 11237 | 15262 | 23535 | 4970 | 5793 | 7052 | 9348 |
| | 25 | 9554 | 11942 | 15953 | 24552 | 5225 | 6023 | 7257 | 9612 |
| 4 | 5 | 713 | 1283 | 2869 | 7834 | 1074 | 1520 | 2472 | 4608 |
| | 10 | 1379 | 2442 | 4909 | 11210 | 1588 | 2240 | 3440 | 5784 |
| | 20 | 2198 | 3624 | 6590 | 14000 | 2102 | 2852 | 4133 | 6670 |
| | 25 | 2469 | 3929 | 7026 | 14691 | 2256 | 2997 | 4303 | 6880 |
| 5 | 5 | 1502 | 2347 | 4630 | 10077 | 1671 | 2187 | 3317 | 5405 |
| | 10 | 2834 | 4245 | 7123 | 14057 | 2453 | 3144 | 4340 | 6688 |
| | 20 | 4130 | 5870 | 9068 | 17132 | 3091 | 3845 | 5055 | 7600 |
| | 25 | 4434 | 6208 | 9790 | 17845 | 3230 | 3982 | 5307 | 7803 |
| 6 | 5 | 2255 | 3621 | 6033 | 11915 | 2135 | 2850 | 3911 | 6015 |
| | 10 | 4129 | 5836 | 8923 | 16305 | 3090 | 3831 | 5003 | 7360 |
| | 20 | 5744 | 7625 | 11314 | 19229 | 3793 | 4530 | 5819 | 8192 |
| | 25 | 6066 | 8202 | 12018 | 20080 | 3924 | 4744 | 6048 | 8426 |
| 7 | 5 | 1955 | 3162 | 5518 | 11250 | 1958 | 2623 | 3699 | 5798 |
| | 10 | 3643 | 5279 | 8272 | 15491 | 2861 | 3599 | 4769 | 7120 |
| | 20 | 5172 | 6991 | 10502 | 18659 | 3553 | 4289 | 5549 | 8033 |
| | 25 | 5475 | 7482 | 11213 | 19164 | 3682 | 4477 | 5785 | 8174 |
| 8 | 5 | 3335 | 4715 | 7268 | 13510 | 2710 | 3355 | 4395 | 6519 |
| | 10 | 5497 | 7229 | 10489 | 17917 | 3691 | 4381 | 5544 | 7824 |
| | 20 | 7228 | 9201 | 13204 | 21260 | 4380 | 5101 | 6424 | 8746 |
| | 25 | 7752 | 9922 | 13895 | 22216 | 4578 | 5352 | 6638 | 9002 |

TABLE 5.043 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5520500 Kankakee River at Momence

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 7722 | 0 | 0 | 0 | 4566 |
| Q7,10 | 10 | 7723 | 13386 | 28601 | 80845 | 4567 | 6481 | 10629 | 21424 |
| 1 | 5 | 27230 | 39254 | 63171 | 98079 | 10290 | 13121 | 18093 | 24485 |
| | 10 | 49166 | 65977 | 99134 | 143869 | 15264 | 18638 | 24667 | 32000 |
| | 20 | 70103 | 90829 | 128517 | 179316 | 19427 | 23216 | 29562 | 37392 |
| | 25 | 76114 | 96936 | 136538 | 189105 | 20554 | 24286 | 30845 | 38831 |
| 2 | 5 | 0 | 0 | 6962 | 31296 | 0 | 0 | 4278 | 11282 |
| | 10 | 0 | 6177 | 15277 | 54978 | 0 | 3969 | 7056 | 16463 |
| | 20 | 5325 | 10463 | 24728 | 77161 | 3618 | 5536 | 9657 | 20748 |
| | 25 | 6977 | 12228 | 26987 | 83194 | 4284 | 6115 | 10229 | 21851 |
| 3 | 5 | 46426 | 61281 | 90011 | 98059 | 14685 | 17723 | 23072 | 24481 |
| | 10 | 75986 | 96568 | 133599 | 143839 | 20531 | 24222 | 30377 | 31996 |
| | 20 | 102505 | 125621 | 167641 | 179279 | 25246 | 29094 | 35649 | 37386 |
| | 25 | 108973 | 133476 | 177064 | 189066 | 26344 | 30357 | 37058 | 38826 |
| 4 | 5 | 0 | 0 | 10347 | 40451 | 0 | 0 | 5496 | 13387 |
| | 10 | 5284 | 8815 | 21340 | 67682 | 3601 | 4965 | 8768 | 18966 |
| | 20 | 8867 | 15316 | 33386 | 92888 | 4983 | 7068 | 11777 | 23579 |
| | 25 | 10694 | 17007 | 36310 | 99009 | 5613 | 7563 | 12455 | 24645 |
| 5 | 5 | 15062 | 22006 | 41373 | 95442 | 6992 | 8946 | 13591 | 24026 |
| | 10 | 29445 | 41514 | 68998 | 140513 | 10836 | 13622 | 19217 | 31473 |
| | 20 | 44498 | 60833 | 94476 | 175503 | 14272 | 17634 | 23858 | 36826 |
| | 25 | 48514 | 66277 | 100609 | 185173 | 15127 | 18696 | 24921 | 38255 |
| 6 | 5 | 21442 | 32389 | 54846 | 98086 | 8795 | 11542 | 16436 | 24486 |
| | 10 | 40530 | 56522 | 87437 | 143879 | 13405 | 16775 | 22614 | 32002 |
| | 20 | 59491 | 79034 | 115342 | 179330 | 17369 | 21093 | 27408 | 37394 |
| | 25 | 64792 | 85075 | 122593 | 189120 | 18409 | 22190 | 28601 | 38834 |
| 7 | 5 | 21916 | 33226 | 55892 | 98085 | 8922 | 11740 | 16648 | 24486 |
| | 10 | 41357 | 57706 | 88860 | 143878 | 13588 | 17013 | 22868 | 32002 |
| | 20 | 60619 | 80470 | 116942 | 179328 | 17592 | 21356 | 27673 | 37394 |
| | 25 | 66040 | 86517 | 124287 | 189118 | 18650 | 22449 | 28877 | 38833 |
| 8 | 5 | 37441 | 51106 | 77542 | 98068 | 12712 | 15669 | 20818 | 24483 |
| | 10 | 63395 | 82350 | 117768 | 143852 | 18137 | 21698 | 27809 | 31998 |
| | 20 | 87709 | 109631 | 149646 | 179296 | 22662 | 26455 | 32900 | 37389 |
| | 25 | 93796 | 116538 | 158509 | 189084 | 23739 | 27606 | 34264 | 38828 |

TABLE 5.044 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5525000 Iroquois River at Iroquois

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 3858 | 11890 | 34477 | 0 | 2964 | 6006 | 12032 |
| Q7,10 | 10 | 2076 | 5210 | 12483 | 34477 | 2030 | 3569 | 6196 | 12032 |
| 1 | 5 | 5833 | 9766 | 17460 | 36038 | 3830 | 5298 | 7694 | 12392 |
| | 10 | 8587 | 13733 | 23232 | 45561 | 4883 | 6588 | 9269 | 14501 |
| | 20 | 10759 | 16695 | 27681 | 52163 | 5635 | 7473 | 10402 | 15887 |
| | 25 | 11221 | 17340 | 28693 | 52885 | 5788 | 7659 | 10652 | 16036 |
| 2 | 5 | 2373 | 5157 | 11890 | 34477 | 2202 | 3547 | 6006 | 12032 |
| | 10 | 3807 | 7657 | 15899 | 36938 | 2940 | 4542 | 7241 | 12598 |
| | 20 | 4722 | 9571 | 19111 | 42371 | 3358 | 5231 | 8159 | 13810 |
| | 25 | 5218 | 10046 | 19976 | 43912 | 3573 | 5394 | 8398 | 14145 |
| 3 | 5 | 8920 | 12988 | 21552 | 40810 | 5002 | 6356 | 8825 | 13467 |
| | 10 | 12638 | 17833 | 28105 | 50346 | 6246 | 7800 | 10507 | 15511 |
| | 20 | 15439 | 21429 | 33329 | 57845 | 7105 | 8792 | 11764 | 17041 |
| | 25 | 16094 | 22433 | 34338 | 59121 | 7298 | 9059 | 12000 | 17295 |
| 4 | 5 | 3512 | 6194 | 13027 | 34477 | 2797 | 3976 | 6369 | 12032 |
| | 10 | 5362 | 9093 | 17884 | 39619 | 3634 | 5063 | 7814 | 13202 |
| | 20 | 6694 | 11392 | 21488 | 45131 | 4174 | 5844 | 8807 | 14408 |
| | 25 | 7189 | 11846 | 22495 | 46827 | 4366 | 5992 | 9076 | 14771 |
| 5 | 5 | 3100 | 5811 | 12440 | 34477 | 2591 | 3821 | 6183 | 12032 |
| | 10 | 4790 | 8556 | 17123 | 38627 | 3388 | 4872 | 7597 | 12980 |
| | 20 | 5970 | 10721 | 20608 | 44109 | 3886 | 5622 | 8570 | 14188 |
| | 25 | 6466 | 11183 | 21562 | 45747 | 4085 | 5776 | 8827 | 14540 |
| 6 | 5 | 4329 | 7430 | 14572 | 34477 | 3182 | 4457 | 6845 | 12032 |
| | 10 | 6495 | 10692 | 19719 | 41658 | 4096 | 5612 | 8327 | 13654 |
| | 20 | 8107 | 13214 | 23612 | 47538 | 4709 | 6427 | 9368 | 14921 |
| | 25 | 8599 | 13755 | 24624 | 49164 | 4887 | 6595 | 9630 | 15264 |
| 7 | 5 | 4036 | 6978 | 14008 | 34477 | 3047 | 4284 | 6673 | 12032 |
| | 10 | 6090 | 10107 | 19050 | 40917 | 3934 | 5415 | 8142 | 13490 |
| | 20 | 7613 | 12549 | 22837 | 46660 | 4526 | 6217 | 9166 | 14735 |
| | 25 | 8110 | 13056 | 23849 | 48314 | 4710 | 6378 | 9430 | 15085 |
| 8 | 5 | 6171 | 10294 | 18128 | 36817 | 3967 | 5478 | 7884 | 12570 |
| | 10 | 9061 | 14417 | 24026 | 46448 | 5052 | 6797 | 9476 | 14690 |
| | 20 | 11353 | 17404 | 28602 | 53213 | 5831 | 7678 | 10629 | 16103 |
| | 25 | 11807 | 18170 | 29614 | 53899 | 5980 | 7895 | 10877 | 16243 |

TABLE 5.045 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5525500 Sugar Creek at Milford

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1028 | 3463 | 9762 | 24222 | 1333 | 2773 | 5297 | 9527 |
| Q7,10 | 10 | 1350 | 3809 | 9762 | 24222 | 1568 | 2941 | 5297 | 9527 |
| 1 | 5 | 3110 | 5341 | 10678 | 24222 | 2596 | 3625 | 5608 | 9527 |
| | 10 | 4455 | 7675 | 13571 | 27493 | 3239 | 4549 | 6538 | 10355 |
| | 20 | 5495 | 8891 | 15845 | 31078 | 3690 | 4992 | 7225 | 11230 |
| | 25 | 5720 | 9447 | 16487 | 32159 | 3783 | 5188 | 7413 | 11488 |
| 2 | 5 | 1499 | 3589 | 9762 | 24222 | 1669 | 2835 | 5297 | 9527 |
| | 10 | 2079 | 5144 | 10759 | 24222 | 2032 | 3541 | 5635 | 9527 |
| | 20 | 2985 | 6208 | 12519 | 27352 | 2532 | 3982 | 6208 | 10320 |
| | 25 | 3004 | 6514 | 13121 | 28204 | 2542 | 4104 | 6398 | 10531 |
| 3 | 5 | 5247 | 8425 | 13853 | 26224 | 3585 | 4825 | 6625 | 10038 |
| | 10 | 7541 | 11049 | 17429 | 31313 | 4499 | 5731 | 7685 | 11286 |
| | 20 | 8748 | 12862 | 20094 | 35430 | 4941 | 6317 | 8430 | 12253 |
| | 25 | 9290 | 13468 | 20727 | 36686 | 5133 | 6506 | 8602 | 12541 |
| 4 | 5 | 2383 | 4662 | 9762 | 24222 | 2208 | 3332 | 5297 | 9527 |
| | 10 | 3395 | 6689 | 12467 | 26145 | 2740 | 4172 | 6191 | 10018 |
| | 20 | 4425 | 7839 | 14539 | 29611 | 3226 | 4610 | 6835 | 10876 |
| | 25 | 4529 | 8300 | 15163 | 30602 | 3272 | 4779 | 7022 | 11116 |
| 5 | 5 | 1672 | 3949 | 9762 | 24222 | 1782 | 3007 | 5297 | 9527 |
| | 10 | 2361 | 5664 | 11329 | 24760 | 2195 | 3760 | 5824 | 9665 |
| | 20 | 3350 | 6752 | 13193 | 28104 | 2717 | 4197 | 6420 | 10507 |
| | 25 | 3353 | 7112 | 13802 | 29002 | 2719 | 4336 | 6609 | 10728 |
| 6 | 5 | 2368 | 4648 | 9762 | 24222 | 2199 | 3325 | 5297 | 9527 |
| | 10 | 3372 | 6668 | 12443 | 26116 | 2728 | 4164 | 6184 | 10010 |
| | 20 | 4402 | 7816 | 14511 | 29579 | 3215 | 4602 | 6826 | 10868 |
| | 25 | 4503 | 8275 | 15135 | 30568 | 3261 | 4770 | 7014 | 11108 |
| 7 | 5 | 2020 | 4328 | 9762 | 24222 | 1997 | 3182 | 5297 | 9527 |
| | 10 | 2874 | 6209 | 11932 | 25494 | 2474 | 3982 | 6020 | 9853 |
| | 20 | 3893 | 7329 | 13907 | 28903 | 2980 | 4419 | 6642 | 10703 |
| | 25 | 3938 | 7743 | 14524 | 29850 | 3001 | 4574 | 6830 | 10934 |
| 8 | 5 | 3159 | 5387 | 10746 | 24222 | 2621 | 3644 | 5630 | 9527 |
| | 10 | 4526 | 7741 | 13645 | 27584 | 3271 | 4574 | 6561 | 10378 |
| | 20 | 5567 | 8963 | 15934 | 31178 | 3720 | 5017 | 7251 | 11254 |
| | 25 | 5800 | 9524 | 16577 | 32264 | 3816 | 5214 | 7439 | 11513 |

TABLE 5.046 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5526000 Iroquois River near Chebanse

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 4763 | 14891 | 43019 | 114552 | 3376 | 6941 | 13952 | 27277 |
| Q7,10 | 10 | 6287 | 16950 | 43019 | 114552 | 4013 | 7547 | 13952 | 27277 |
| 1 | 5 | 15072 | 25945 | 51377 | 114552 | 6995 | 9967 | 15725 | 27277 |
| | 10 | 22318 | 36031 | 65281 | 134642 | 9029 | 12391 | 18503 | 30543 |
| | 20 | 27096 | 43070 | 76268 | 151441 | 10256 | 13963 | 20583 | 33178 |
| | 25 | 27728 | 44722 | 79207 | 155312 | 10414 | 14320 | 21125 | 33775 |
| 2 | 5 | 6148 | 16427 | 43019 | 114552 | 3958 | 7395 | 13952 | 27277 |
| | 10 | 10590 | 24057 | 49868 | 115680 | 5578 | 9484 | 15411 | 27464 |
| | 20 | 13476 | 29104 | 58860 | 131463 | 6508 | 10752 | 17243 | 30036 |
| | 25 | 13699 | 29837 | 61060 | 134954 | 6578 | 10931 | 17679 | 30593 |
| 3 | 5 | 22172 | 36462 | 61908 | 122485 | 8990 | 12489 | 17846 | 28583 |
| | 10 | 31339 | 47988 | 78685 | 147251 | 11293 | 15017 | 21029 | 32529 |
| | 20 | 37646 | 56466 | 91337 | 165872 | 12759 | 16764 | 23306 | 35382 |
| | 25 | 38962 | 58578 | 94304 | 169711 | 13055 | 17187 | 23827 | 35960 |
| 4 | 5 | 9119 | 19983 | 43432 | 114552 | 5073 | 8400 | 14041 | 27277 |
| | 10 | 14716 | 28543 | 55751 | 123004 | 6888 | 10615 | 16620 | 28668 |
| | 20 | 18406 | 34387 | 65507 | 139109 | 7962 | 12011 | 18547 | 31252 |
| | 25 | 18635 | 35473 | 68016 | 142768 | 8026 | 12263 | 19029 | 31828 |
| 5 | 5 | 8177 | 19144 | 43019 | 114552 | 4735 | 8168 | 13952 | 27277 |
| | 10 | 13564 | 27471 | 54356 | 121263 | 6536 | 10350 | 16336 | 28384 |
| | 20 | 17061 | 33138 | 63929 | 137291 | 7579 | 11719 | 18241 | 30964 |
| | 25 | 17224 | 34139 | 66364 | 140911 | 7626 | 11953 | 18713 | 31536 |
| 6 | 5 | 11708 | 22357 | 46883 | 114552 | 5948 | 9039 | 14783 | 27277 |
| | 10 | 17992 | 31575 | 59715 | 127956 | 7845 | 11349 | 17413 | 29472 |
| | 20 | 22171 | 37922 | 69989 | 144282 | 8990 | 12821 | 19405 | 32065 |
| | 25 | 22578 | 39258 | 72710 | 148049 | 9097 | 13122 | 19919 | 32653 |
| 7 | 5 | 12702 | 23282 | 48233 | 114552 | 6266 | 9282 | 15068 | 27277 |
| | 10 | 19258 | 32758 | 61267 | 129897 | 8200 | 11630 | 17720 | 29784 |
| | 20 | 23625 | 39301 | 71743 | 146310 | 9372 | 13131 | 19737 | 32382 |
| | 25 | 24100 | 40737 | 74548 | 150119 | 9495 | 13451 | 20263 | 32974 |
| 8 | 5 | 19138 | 31959 | 57375 | 116725 | 8166 | 11441 | 16947 | 27637 |
| | 10 | 27464 | 42855 | 72919 | 142904 | 10348 | 13916 | 19958 | 31849 |
| | 20 | 33130 | 50601 | 84847 | 158722 | 11717 | 15564 | 22149 | 34297 |
| | 25 | 34130 | 52518 | 87801 | 162563 | 11951 | 15960 | 22679 | 34881 |

TABLE 5.047 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5526500 Terry Creek near Custer Park

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 63 | 137 | 262 | 640 | 267 | 413 | 600 | 1008 |
| Q7,10 | 10 | 69 | 137 | 262 | 640 | 282 | 413 | 600 | 1008 |
| 1 | 5 | 231 | 305 | 421 | 650 | 558 | 655 | 789 | 1017 |
| | 10 | 268 | 337 | 454 | 782 | 607 | 694 | 825 | 1134 |
| | 20 | 285 | 355 | 551 | 1030 | 630 | 715 | 923 | 1334 |
| | 25 | 295 | 389 | 597 | 1180 | 642 | 754 | 968 | 1447 |
| 2 | 5 | 143 | 197 | 317 | 640 | 425 | 510 | 670 | 1008 |
| | 10 | 161 | 232 | 349 | 640 | 453 | 559 | 708 | 1008 |
| | 20 | 174 | 249 | 367 | 800 | 475 | 582 | 728 | 1150 |
| | 25 | 175 | 250 | 405 | 868 | 476 | 583 | 771 | 1206 |
| 3 | 5 | 402 | 471 | 585 | 812 | 768 | 843 | 956 | 1159 |
| | 10 | 435 | 512 | 665 | 1084 | 804 | 884 | 1031 | 1375 |
| | 20 | 516 | 647 | 884 | 1578 | 888 | 1014 | 1219 | 1721 |
| | 25 | 560 | 700 | 961 | 1839 | 932 | 1062 | 1280 | 1887 |
| 4 | 5 | 208 | 282 | 400 | 640 | 526 | 626 | 766 | 1008 |
| | 10 | 245 | 317 | 433 | 744 | 577 | 670 | 802 | 1101 |
| | 20 | 263 | 335 | 512 | 982 | 601 | 691 | 885 | 1297 |
| | 25 | 265 | 362 | 557 | 1114 | 603 | 723 | 929 | 1398 |
| 5 | 5 | 164 | 223 | 343 | 640 | 459 | 546 | 701 | 1008 |
| | 10 | 188 | 259 | 376 | 644 | 496 | 596 | 739 | 1012 |
| | 20 | 203 | 277 | 407 | 857 | 518 | 619 | 774 | 1197 |
| | 25 | 204 | 284 | 450 | 930 | 520 | 628 | 820 | 1256 |
| 6 | 5 | 228 | 302 | 419 | 647 | 554 | 651 | 787 | 1014 |
| | 10 | 265 | 336 | 452 | 777 | 604 | 693 | 822 | 1130 |
| | 20 | 282 | 352 | 546 | 1024 | 626 | 711 | 919 | 1330 |
| | 25 | 291 | 385 | 592 | 1173 | 638 | 750 | 963 | 1442 |
| 7 | 5 | 217 | 291 | 408 | 640 | 538 | 637 | 775 | 1008 |
| | 10 | 254 | 326 | 441 | 758 | 589 | 680 | 811 | 1114 |
| | 20 | 271 | 343 | 527 | 1000 | 612 | 701 | 899 | 1311 |
| | 25 | 276 | 373 | 572 | 1139 | 618 | 736 | 943 | 1417 |
| 8 | 5 | 314 | 383 | 498 | 725 | 665 | 747 | 871 | 1084 |
| | 10 | 346 | 416 | 546 | 921 | 704 | 784 | 918 | 1249 |
| | 20 | 363 | 481 | 702 | 1264 | 724 | 852 | 1064 | 1507 |
| | 25 | 400 | 525 | 760 | 1484 | 766 | 897 | 1115 | 1659 |

TABLE 5.049 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5527500 Kankakee River near Wilmington

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | 86575 | 0 | 0 | 0 | 22460 |
| Q7,10 | 10 | 13447 | 25120 | 63342 | 188934 | 6500 | 9757 | 18127 | 38806 |
| 1 | 5 | 41053 | 61564 | 110332 | 242175 | 13520 | 17779 | 26572 | 46341 |
| | 10 | 75939 | 107815 | 176770 | 344850 | 20522 | 26149 | 37014 | 59831 |
| | 20 | 111379 | 151378 | 229981 | 408949 | 26748 | 33169 | 44655 | 67759 |
| | 25 | 119779 | 161653 | 243372 | 427786 | 28140 | 34743 | 46505 | 70032 |
| 2 | 5 | 0 | 7970 | 26281 | 108139 | 0 | 4658 | 10052 | 26203 |
| | 10 | 11675 | 18041 | 53298 | 174067 | 5937 | 7859 | 16120 | 36612 |
| | 20 | 19418 | 34656 | 82002 | 226759 | 8244 | 12074 | 21635 | 44206 |
| | 25 | 21216 | 38490 | 89075 | 240056 | 8734 | 12949 | 22906 | 46050 |
| 3 | 5 | 62416 | 91224 | 148040 | 290641 | 17946 | 23286 | 32651 | 52851 |
| | 10 | 109032 | 149974 | 224178 | 396332 | 26354 | 32951 | 43845 | 66223 |
| | 20 | 152742 | 199423 | 286557 | 469400 | 33379 | 40329 | 52313 | 74974 |
| | 25 | 163073 | 211659 | 301552 | 490061 | 34959 | 42079 | 54279 | 77390 |
| 4 | 5 | 0 | 14060 | 36922 | 126971 | 0 | 6689 | 12594 | 29312 |
| | 10 | 14505 | 29334 | 69532 | 198051 | 6824 | 10809 | 19319 | 40131 |
| | 20 | 26979 | 49704 | 103086 | 255367 | 10227 | 15377 | 25346 | 48142 |
| | 25 | 29880 | 54578 | 111106 | 269485 | 10941 | 16381 | 26702 | 50045 |
| 5 | 5 | 23078 | 41295 | 81239 | 200521 | 9229 | 13574 | 21496 | 40487 |
| | 10 | 47357 | 76315 | 135512 | 291302 | 14883 | 20592 | 30682 | 52938 |
| | 20 | 74082 | 111866 | 183149 | 359456 | 20176 | 26829 | 37958 | 61666 |
| | 25 | 80659 | 120289 | 194732 | 376633 | 21390 | 28224 | 39650 | 63801 |
| 6 | 5 | 36649 | 56241 | 102967 | 232297 | 12532 | 16718 | 25325 | 44977 |
| | 10 | 69034 | 99716 | 167033 | 332675 | 19224 | 24767 | 35557 | 58287 |
| | 20 | 102443 | 141711 | 218651 | 401992 | 25236 | 31662 | 43068 | 66913 |
| | 25 | 110433 | 151566 | 231658 | 414683 | 26589 | 33198 | 44888 | 68453 |
| 7 | 5 | 36483 | 56082 | 102736 | 231956 | 12494 | 16686 | 25286 | 44930 |
| | 10 | 68777 | 99467 | 166696 | 332231 | 19175 | 24724 | 35507 | 58231 |
| | 20 | 102111 | 141386 | 218271 | 401536 | 25179 | 31611 | 43015 | 66858 |
| | 25 | 110086 | 151226 | 231263 | 414214 | 26531 | 33145 | 44833 | 68396 |
| 8 | 5 | 57431 | 85836 | 141050 | 281747 | 16958 | 22327 | 31558 | 51677 |
| | 10 | 101589 | 142165 | 215496 | 391396 | 25089 | 31733 | 42623 | 65619 |
| | 20 | 144158 | 190632 | 276190 | 458302 | 32046 | 39054 | 50940 | 73666 |
| | 25 | 154129 | 202517 | 290896 | 478627 | 33593 | 40774 | 52885 | 76056 |

TABLE 5.050 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5529000 Des Plaines River near Des Plaines

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 5135 | 10517 | 23222 | | 3538 | 5554 | 9267 |
| Q7,10 | 10 | | 5161 | 10517 | 23811 | | 3548 | 5554 | 9420 |
| 1 | 5 | | 8153 | 12965 | 24142 | | 4726 | 6349 | 9506 |
| | 10 | | 8301 | 16094 | 28551 | | 4780 | 7298 | 10617 |
| | 20 | | 11181 | 16859 | 29250 | | 5775 | 7521 | 10788 |
| | 25 | | 11526 | 17862 | 31024 | | 5888 | 7808 | 11217 |
| 2 | 5 | | 5513 | 10517 | 23222 | | 3697 | 5554 | 9267 |
| | 10 | | 5789 | 11712 | 25227 | | 3812 | 5949 | 9785 |
| | 20 | | 8071 | 13578 | 25763 | | 4696 | 6540 | 9921 |
| | 25 | | 8315 | 14205 | 27389 | | 4785 | 6733 | 10330 |
| 3 | 5 | | 10261 | 15472 | 26319 | | 5467 | 7114 | 10062 |
| | 10 | | 11965 | 18985 | 31361 | | 6030 | 8124 | 11298 |
| | 20 | | 13755 | 19471 | 32068 | | 6595 | 8259 | 11466 |
| | 25 | | 14403 | 20752 | 34042 | | 6793 | 8609 | 11931 |
| 4 | 5 | | 6532 | 11178 | 23222 | | 4111 | 5774 | 9267 |
| | 10 | | 6435 | 13531 | 26695 | | 4072 | 6526 | 10156 |
| | 20 | | 9242 | 14853 | 27342 | | 5116 | 6929 | 10318 |
| | 25 | | 9483 | 15630 | 29012 | | 5200 | 7161 | 10730 |
| 5 | 5 | | 5135 | 10517 | 23222 | | 3538 | 5554 | 9267 |
| | 10 | | 5386 | 10576 | 24318 | | 3644 | 5573 | 9551 |
| | 20 | | 7312 | 12785 | 24784 | | 4412 | 6292 | 9671 |
| | 25 | | 7558 | 13319 | 26383 | | 4505 | 6460 | 10078 |
| 6 | 5 | | 5979 | 10599 | 23222 | | 3889 | 5581 | 9267 |
| | 10 | | 6084 | 12543 | 25896 | | 3932 | 6216 | 9955 |
| | 20 | | 8626 | 14160 | 26482 | | 4897 | 6719 | 10103 |
| | 25 | | 8868 | 14855 | 28129 | | 4984 | 6930 | 10513 |
| 7 | 5 | | 5246 | 10517 | 23222 | | 3585 | 5554 | 9267 |
| | 10 | | 5621 | 11237 | 24846 | | 3742 | 5793 | 9687 |
| | 20 | | 7754 | 13246 | 25352 | | 4578 | 6437 | 9817 |
| | 25 | | 7999 | 13834 | 26968 | | 4669 | 6619 | 10224 |
| 8 | 5 | | 6644 | 11296 | 23222 | | 4155 | 5813 | 9267 |
| | 10 | | 6506 | 13732 | 26858 | | 4100 | 6588 | 10197 |
| | 20 | | 9376 | 14995 | 27517 | | 5163 | 6972 | 10361 |
| | 25 | | 9617 | 15788 | 28764 | | 5246 | 7208 | 10669 |

TABLE 5.051 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5531000 Salt Creek near Arlington Heights

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 633 | 1263 | 2693 | | 1002 | 1506 | 2378 |
| Q7,10 | 10 | | 633 | 1263 | 2693 | | 1002 | 1506 | 2378 |
| 1 | 5 | | 746 | 1263 | 2693 | | 1103 | 1506 | 2378 |
| | 10 | | 985 | 1641 | 2979 | | 1299 | 1762 | 2529 |
| | 20 | | 1079 | 1761 | 3095 | | 1372 | 1839 | 2589 |
| | 25 | | 1130 | 1824 | 3227 | | 1410 | 1878 | 2656 |
| 2 | 5 | | 633 | 1263 | 2693 | | 1002 | 1506 | 2378 |
| | 10 | | 767 | 1377 | 2750 | | 1121 | 1586 | 2408 |
| | 20 | | 861 | 1482 | 2870 | | 1200 | 1658 | 2472 |
| | 25 | | 887 | 1545 | 2988 | | 1222 | 1700 | 2534 |
| 3 | 5 | | 1128 | 1578 | 2693 | | 1408 | 1721 | 2378 |
| | 10 | | 1498 | 2178 | 3513 | | 1669 | 2091 | 2798 |
| | 20 | | 1609 | 2301 | 3634 | | 1742 | 2161 | 2857 |
| | 25 | | 1672 | 2387 | 3807 | | 1782 | 2210 | 2940 |
| 4 | 5 | | 746 | 1263 | 2693 | | 1103 | 1506 | 2378 |
| | 10 | | 985 | 1641 | 2979 | | 1299 | 1762 | 2529 |
| | 20 | | 1079 | 1761 | 3095 | | 1372 | 1839 | 2589 |
| | 25 | | 1130 | 1824 | 3227 | | 1410 | 1878 | 2656 |
| 5 | 5 | | 633 | 1263 | 2693 | | 1002 | 1506 | 2378 |
| | 10 | | 684 | 1279 | 2693 | | 1048 | 1518 | 2378 |
| | 20 | | 778 | 1380 | 2769 | | 1131 | 1588 | 2418 |
| | 25 | | 796 | 1443 | 2881 | | 1145 | 1631 | 2478 |
| 6 | 5 | | 633 | 1263 | 2693 | | 1002 | 1506 | 2378 |
| | 10 | | 818 | 1438 | 2768 | | 1164 | 1628 | 2418 |
| | 20 | | 912 | 1546 | 2933 | | 1241 | 1700 | 2505 |
| | 25 | | 944 | 1609 | 3055 | | 1267 | 1741 | 2568 |
| 7 | 5 | | 633 | 1263 | 2693 | | 1002 | 1506 | 2378 |
| | 10 | | 731 | 1334 | 2706 | | 1089 | 1557 | 2385 |
| | 20 | | 825 | 1437 | 2826 | | 1170 | 1628 | 2449 |
| | 25 | | 847 | 1500 | 2941 | | 1189 | 1670 | 2509 |
| 8 | 5 | | 698 | 1263 | 2693 | | 1061 | 1506 | 2378 |
| | 10 | | 930 | 1576 | 2911 | | 1256 | 1720 | 2494 |
| | 20 | | 1023 | 1691 | 3026 | | 1329 | 1795 | 2553 |
| | 25 | | 1068 | 1755 | 3154 | | 1364 | 1835 | 2619 |

TABLE 5.052 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5531500 Salt Creek at Western Springs

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 415 | 1896 | 6058 | | 783 | 1922 | 3921 | |
| Q7,10 | 10 | 5409 | 7604 | 11932 | | 3654 | 4522 | 6020 | |
| 1 | 5 | 4441 | 6226 | 9829 | | 3233 | 3989 | 5320 | |
| | 10 | 6287 | 8492 | 12860 | | 4013 | 4849 | 6316 | |
| | 20 | 6820 | 9155 | 13609 | | 4224 | 5085 | 6550 | |
| | 25 | 6950 | 9447 | 14275 | | 4274 | 5188 | 6754 | |
| 2 | 5 | 1936 | 3315 | 6794 | | 1947 | 2700 | 4213 | |
| | 10 | 2649 | 4781 | 9211 | | 2354 | 3384 | 5105 | |
| | 20 | 3131 | 5258 | 9900 | | 2607 | 3590 | 5344 | |
| | 25 | 3262 | 5360 | 10259 | | 2673 | 3633 | 5467 | |
| 3 | 5 | 6809 | 8678 | 12412 | | 4219 | 4916 | 6174 | |
| | 10 | 9230 | 11316 | 16078 | | 5112 | 5819 | 7293 | |
| | 20 | 9919 | 12018 | 16922 | | 5351 | 6048 | 7539 | |
| | 25 | 10280 | 12581 | 17748 | | 5474 | 6228 | 7776 | |
| 4 | 5 | 2831 | 4417 | 8020 | | 2451 | 3222 | 4677 | |
| | 10 | 4024 | 6259 | 10537 | | 3042 | 4002 | 5560 | |
| | 20 | 4501 | 6790 | 11236 | | 3260 | 4212 | 5793 | |
| | 25 | 4628 | 6918 | 11729 | | 3316 | 4261 | 5954 | |
| 5 | 5 | 1445 | 2712 | 6065 | | 1633 | 2388 | 3924 | |
| | 10 | 1846 | 3846 | 8288 | | 1892 | 2958 | 4775 | |
| | 20 | 2338 | 4322 | 8944 | | 2182 | 3179 | 5011 | |
| | 25 | 2438 | 4456 | 9217 | | 2239 | 3239 | 5107 | |
| 6 | 5 | 2349 | 3840 | 7408 | | 2188 | 2955 | 4449 | |
| | 10 | 3315 | 5558 | 9986 | | 2700 | 3716 | 5374 | |
| | 20 | 3773 | 6039 | 10700 | | 2924 | 3914 | 5615 | |
| | 25 | 3925 | 6122 | 10938 | | 2995 | 3947 | 5694 | |
| 7 | 5 | 2054 | 3466 | 6972 | | 2018 | 2775 | 4282 | |
| | 10 | 2841 | 5008 | 9436 | | 2457 | 3483 | 5184 | |
| | 20 | 3322 | 5485 | 10133 | | 2703 | 3686 | 5424 | |
| | 25 | 3460 | 5580 | 10513 | | 2772 | 3725 | 5553 | |
| 8 | 5 | 3284 | 4982 | 8621 | | 2684 | 3472 | 4895 | |
| | 10 | 4734 | 6946 | 11249 | | 3363 | 4272 | 5797 | |
| | 20 | 5210 | 7527 | 11951 | | 3570 | 4494 | 6026 | |
| | 25 | 5315 | 7698 | 12508 | | 3614 | 4558 | 6204 | |

TABLE 5.053 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5532000 Addison Creek at Bellwood

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 155 | 435 | 1072 | | 444 | 804 | 1367 |
| Q7,10 | 10 | | 849 | 1179 | 1798 | | 1190 | 1446 | 1862 |
| 1 | 5 | | 1155 | 1408 | 1880 | | 1428 | 1607 | 1912 |
| | 10 | | 1659 | 1955 | 2597 | | 1774 | 1958 | 2326 |
| | 20 | | 1719 | 2022 | 3062 | | 1812 | 1998 | 2572 |
| | 25 | | 1797 | 2125 | 3318 | | 1861 | 2059 | 2702 |
| 2 | 5 | | 578 | 807 | 1267 | | 950 | 1155 | 1509 |
| | 10 | | 825 | 1155 | 1774 | | 1170 | 1428 | 1847 |
| | 20 | | 906 | 1218 | 1831 | | 1236 | 1475 | 1882 |
| | 25 | | 936 | 1264 | 1918 | | 1261 | 1508 | 1936 |
| 3 | 5 | | 1734 | 1981 | 2093 | | 1822 | 1974 | 2041 |
| | 10 | | 2404 | 2753 | 2931 | | 2219 | 2410 | 2504 |
| | 20 | | 2714 | 3330 | 3603 | | 2389 | 2707 | 2842 |
| | 25 | | 2937 | 3585 | 3877 | | 2507 | 2833 | 2973 |
| 4 | 5 | | 854 | 1074 | 1570 | | 1194 | 1368 | 1716 |
| | 10 | | 1223 | 1545 | 2164 | | 1478 | 1700 | 2082 |
| | 20 | | 1283 | 1604 | 2306 | | 1521 | 1738 | 2164 |
| | 25 | | 1333 | 1674 | 2488 | | 1556 | 1784 | 2266 |
| 5 | 5 | | 360 | 585 | 1072 | | 721 | 956 | 1367 |
| | 10 | | 529 | 835 | 1489 | | 901 | 1178 | 1662 |
| | 20 | | 601 | 915 | 1547 | | 972 | 1244 | 1701 |
| | 25 | | 626 | 945 | 1614 | | 995 | 1268 | 1745 |
| 6 | 5 | | 541 | 770 | 1226 | | 913 | 1124 | 1480 |
| | 10 | | 773 | 1101 | 1722 | | 1126 | 1388 | 1814 |
| | 20 | | 855 | 1167 | 1811 | | 1196 | 1437 | 1870 |
| | 25 | | 884 | 1210 | 1861 | | 1219 | 1469 | 1901 |
| 7 | 5 | | 520 | 750 | 1204 | | 892 | 1107 | 1464 |
| | 10 | | 744 | 1071 | 1693 | | 1101 | 1366 | 1795 |
| | 20 | | 828 | 1139 | 1782 | | 1173 | 1417 | 1852 |
| | 25 | | 856 | 1181 | 1830 | | 1196 | 1447 | 1882 |
| 8 | 5 | | 734 | 958 | 1437 | | 1092 | 1279 | 1628 |
| | 10 | | 1047 | 1377 | 1993 | | 1347 | 1586 | 1981 |
| | 20 | | 1116 | 1433 | 2065 | | 1400 | 1625 | 2024 |
| | 25 | | 1156 | 1492 | 2179 | | 1429 | 1665 | 2091 |

TABLE 5.054 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5532500 Des Plaines River at Riverside

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 5025 | 14009 | 35651 | | 3490 | 6673 | 12303 | |
| Q7,10 | 10 | 10570 | 19621 | 41163 | | 5572 | 8300 | 13545 | |
| 1 | 5 | 17906 | 25429 | 40362 | | 7821 | 9836 | 13368 | |
| | 10 | 23012 | 33830 | 55440 | | 9212 | 11881 | 16556 | |
| | 20 | 25822 | 35985 | 57051 | | 9936 | 12380 | 16881 | |
| | 25 | 26769 | 37619 | 59773 | | 10175 | 12753 | 17425 | |
| 2 | 5 | 9520 | 17212 | 35651 | | 5213 | 7623 | 12303 | |
| | 10 | 12705 | 22010 | 43878 | | 6267 | 8947 | 14138 | |
| | 20 | 14561 | 24884 | 45479 | | 6841 | 9697 | 14483 | |
| | 25 | 15023 | 25760 | 47410 | | 6980 | 9920 | 14894 | |
| 3 | 5 | 27461 | 34965 | 49338 | | 10347 | 12145 | 15300 | |
| | 10 | 36736 | 47227 | 69040 | | 12552 | 14856 | 19225 | |
| | 20 | 38708 | 49517 | 71416 | | 12998 | 15338 | 19675 | |
| | 25 | 40419 | 50970 | 76287 | | 13380 | 15640 | 20586 | |
| 4 | 5 | 14456 | 21946 | 36970 | | 6809 | 8930 | 12605 | |
| | 10 | 18483 | 28833 | 50342 | | 7983 | 10686 | 15510 | |
| | 20 | 21093 | 31287 | 51919 | | 8701 | 11280 | 15837 | |
| | 25 | 21794 | 32652 | 54308 | | 8889 | 11605 | 16326 | |
| 5 | 5 | 8000 | 15426 | 35651 | | 4670 | 7101 | 12303 | |
| | 10 | 10655 | 19713 | 41275 | | 5600 | 8325 | 13569 | |
| | 20 | 12350 | 22483 | 42964 | | 6154 | 9072 | 13939 | |
| | 25 | 12778 | 23235 | 44790 | | 6290 | 9270 | 14335 | |
| 6 | 5 | 11155 | 18772 | 35651 | | 5767 | 8065 | 12303 | |
| | 10 | 14641 | 24262 | 46221 | | 6865 | 9537 | 14642 | |
| | 20 | 16670 | 26993 | 47839 | | 7466 | 10231 | 14985 | |
| | 25 | 17212 | 28029 | 49922 | | 7622 | 10488 | 15422 | |
| 7 | 5 | 9101 | 16815 | 35651 | | 5066 | 7508 | 12303 | |
| | 10 | 12209 | 21435 | 43283 | | 6109 | 8793 | 14009 | |
| | 20 | 14002 | 24347 | 44878 | | 6671 | 9559 | 14354 | |
| | 25 | 14444 | 25182 | 46772 | | 6806 | 9773 | 14759 | |
| 8 | 5 | 12514 | 20075 | 35651 | | 6206 | 8425 | 12303 | |
| | 10 | 16180 | 26141 | 47524 | | 7323 | 10017 | 14918 | |
| | 20 | 18490 | 28755 | 49817 | | 7985 | 10667 | 15400 | |
| | 25 | 19097 | 29927 | 51288 | | 8155 | 10953 | 15706 | |

TABLE 5.055 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5533000 Flag Creek near Willow Springs

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 46 | 46 | 155 | | 224 | 224 | 444 |
| Q7,10 | 10 | | 122 | 447 | 1312 | | 387 | 817 | 1541 |
| 1 | 5 | | 838 | 1149 | 1798 | | 1181 | 1424 | 1861 |
| | 10 | | 1192 | 1660 | 2537 | | 1455 | 1775 | 2293 |
| | 20 | | 1269 | 1729 | 2717 | | 1511 | 1819 | 2391 |
| | 25 | | 1320 | 1807 | 2907 | | 1546 | 1867 | 2492 |
| 2 | 5 | | 46 | 246 | 850 | | 224 | 579 | 1191 |
| | 10 | | 59 | 365 | 1210 | | 259 | 726 | 1469 |
| | 20 | | 122 | 426 | 1286 | | 388 | 795 | 1523 |
| | 25 | | 151 | 450 | 1338 | | 438 | 820 | 1559 |
| 3 | 5 | | 1211 | 1535 | 1826 | | 1469 | 1693 | 1879 |
| | 10 | | 1719 | 2169 | 2573 | | 1812 | 2085 | 2313 |
| | 20 | | 1819 | 2244 | 2769 | | 1875 | 2128 | 2419 |
| | 25 | | 1864 | 2350 | 2952 | | 1902 | 2189 | 2515 |
| 4 | 5 | | 169 | 418 | 1037 | | 466 | 786 | 1340 |
| | 10 | | 244 | 593 | 1491 | | 576 | 964 | 1664 |
| | 20 | | 305 | 680 | 1562 | | 655 | 1045 | 1711 |
| | 25 | | 331 | 703 | 1630 | | 687 | 1065 | 1755 |
| 5 | 5 | | 419 | 724 | 1354 | | 787 | 1083 | 1571 |
| | 10 | | 594 | 1025 | 1920 | | 965 | 1330 | 1937 |
| | 20 | | 682 | 1115 | 1986 | | 1046 | 1398 | 1977 |
| | 25 | | 705 | 1155 | 2076 | | 1067 | 1428 | 2030 |
| 6 | 5 | | 582 | 900 | 1537 | | 954 | 1232 | 1695 |
| | 10 | | 817 | 1286 | 2172 | | 1164 | 1523 | 2087 |
| | 20 | | 923 | 1359 | 2247 | | 1251 | 1574 | 2130 |
| | 25 | | 950 | 1415 | 2353 | | 1272 | 1613 | 2191 |
| 7 | 5 | | 393 | 696 | 1326 | | 758 | 1058 | 1551 |
| | 10 | | 560 | 983 | 1880 | | 932 | 1298 | 1912 |
| | 20 | | 643 | 1076 | 1945 | | 1011 | 1370 | 1952 |
| | 25 | | 666 | 1114 | 2033 | | 1032 | 1398 | 2005 |
| 8 | 5 | | 554 | 872 | 1505 | | 926 | 1209 | 1673 |
| | 10 | | 775 | 1244 | 2131 | | 1128 | 1493 | 2063 |
| | 20 | | 885 | 1317 | 2201 | | 1219 | 1545 | 2104 |
| | 25 | | 908 | 1371 | 2301 | | 1239 | 1582 | 2161 |

TABLE 5.057 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5535000 Skokie River at Lake Forest

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 47 | 88 | 508 | | 226 | 322 | 880 |
| Q7,10 | 10 | | 212 | 481 | 1079 | | 532 | 853 | 1372 |
| 1 | 5 | | 596 | 824 | 1284 | | 967 | 1169 | 1522 |
| | 10 | | 822 | 1132 | 1730 | | 1167 | 1411 | 1819 |
| | 20 | | 913 | 1228 | 1857 | | 1243 | 1481 | 1899 |
| | 25 | | 947 | 1289 | 1974 | | 1270 | 1525 | 1970 |
| 2 | 5 | | 147 | 337 | 784 | | 431 | 694 | 1136 |
| | 10 | | 208 | 476 | 1074 | | 525 | 848 | 1368 |
| | 20 | | 253 | 547 | 1167 | | 588 | 919 | 1437 |
| | 25 | | 279 | 566 | 1222 | | 622 | 938 | 1477 |
| 3 | 5 | | 749 | 969 | 1465 | | 1105 | 1287 | 1646 |
| | 10 | | 1022 | 1319 | 1932 | | 1328 | 1546 | 1944 |
| | 20 | | 1114 | 1417 | 2080 | | 1398 | 1614 | 2033 |
| | 25 | | 1162 | 1504 | 2213 | | 1434 | 1672 | 2111 |
| 4 | 5 | | 211 | 408 | 858 | | 529 | 775 | 1198 |
| | 10 | | 300 | 574 | 1182 | | 648 | 945 | 1449 |
| | 20 | | 354 | 653 | 1280 | | 713 | 1020 | 1519 |
| | 25 | | 376 | 675 | 1348 | | 739 | 1040 | 1566 |
| 5 | 5 | | 260 | 467 | 918 | | 597 | 838 | 1246 |
| | 10 | | 372 | 651 | 1269 | | 734 | 1018 | 1511 |
| | 20 | | 432 | 737 | 1370 | | 801 | 1095 | 1581 |
| | 25 | | 452 | 762 | 1419 | | 823 | 1116 | 1615 |
| 6 | 5 | | 370 | 589 | 1045 | | 732 | 960 | 1346 |
| | 10 | | 520 | 812 | 1414 | | 892 | 1159 | 1612 |
| | 20 | | 594 | 904 | 1519 | | 965 | 1235 | 1682 |
| | 25 | | 615 | 937 | 1612 | | 984 | 1262 | 1744 |
| 7 | 5 | | 263 | 470 | 921 | | 601 | 842 | 1249 |
| | 10 | | 376 | 655 | 1274 | | 739 | 1022 | 1515 |
| | 20 | | 437 | 743 | 1375 | | 806 | 1100 | 1585 |
| | 25 | | 457 | 767 | 1426 | | 828 | 1121 | 1620 |
| 8 | 5 | | 384 | 605 | 1061 | | 749 | 975 | 1358 |
| | 10 | | 539 | 833 | 1435 | | 911 | 1177 | 1626 |
| | 20 | | 615 | 924 | 1541 | | 985 | 1252 | 1697 |
| | 25 | | 637 | 959 | 1636 | | 1005 | 1279 | 1759 |

TABLE 5.058 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

| | | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF | | | | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF | | | |
|---|---|---|---|---|---|---|---|---|---|
| LEVEL | T,YR | 2 | 5 | 10 | 20 | 2 | 5 | 10 | 20 |
| 0 | 25 | | 163 | 405 | 926 | | 458 | 772 | 1253 |
| Q7,10 | 10 | | 654 | 918 | 1432 | | 1020 | 1246 | 1624 |
| 1 | 5 | | 873 | 1114 | 1566 | | 1210 | 1398 | 1713 |
| | 10 | | 1098 | 1343 | 1864 | | 1386 | 1563 | 1903 |
| | 20 | | 1146 | 1389 | 2024 | | 1422 | 1595 | 2000 |
| | 25 | | 1202 | 1466 | 2174 | | 1463 | 1647 | 2088 |
| 2 | 5 | | 426 | 630 | 1109 | | 795 | 999 | 1395 |
| | 10 | | 560 | 820 | 1337 | | 932 | 1166 | 1559 |
| | 20 | | 650 | 893 | 1384 | | 1017 | 1226 | 1591 |
| | 25 | | 658 | 931 | 1461 | | 1025 | 1257 | 1643 |
| 3 | 5 | | 1166 | 1403 | 1874 | | 1437 | 1604 | 1909 |
| | 10 | | 1424 | 1686 | 2264 | | 1619 | 1791 | 2140 |
| | 20 | | 1472 | 1744 | 2652 | | 1651 | 1828 | 2356 |
| | 25 | | 1571 | 1920 | 2851 | | 1716 | 1937 | 2462 |
| 4 | 5 | | 561 | 788 | 1246 | | 933 | 1139 | 1494 |
| | 10 | | 733 | 1001 | 1513 | | 1091 | 1312 | 1678 |
| | 20 | | 811 | 1057 | 1562 | | 1158 | 1355 | 1711 |
| | 25 | | 840 | 1107 | 1702 | | 1182 | 1393 | 1801 |
| 5 | 5 | | 373 | 571 | 1040 | | 735 | 943 | 1342 |
| | 10 | | 495 | 746 | 1260 | | 867 | 1102 | 1505 |
| | 20 | | 578 | 823 | 1334 | | 949 | 1169 | 1557 |
| | 25 | | 586 | 853 | 1377 | | 958 | 1194 | 1586 |
| 6 | 5 | | 513 | 732 | 1189 | | 885 | 1090 | 1454 |
| | 10 | | 671 | 936 | 1450 | | 1036 | 1261 | 1636 |
| | 20 | | 753 | 998 | 1499 | | 1109 | 1310 | 1669 |
| | 25 | | 775 | 1044 | 1614 | | 1128 | 1345 | 1745 |
| 7 | 5 | | 369 | 568 | 1036 | | 731 | 939 | 1339 |
| | 10 | | 491 | 741 | 1256 | | 863 | 1099 | 1502 |
| | 20 | | 574 | 819 | 1330 | | 945 | 1165 | 1554 |
| | 25 | | 582 | 849 | 1372 | | 953 | 1190 | 1583 |
| 8 | 5 | | 509 | 728 | 1185 | | 882 | 1087 | 1451 |
| | 10 | | 667 | 932 | 1446 | | 1032 | 1257 | 1633 |
| | 20 | | 749 | 994 | 1494 | | 1106 | 1306 | 1666 |
| | 25 | | 770 | 1040 | 1606 | | 1124 | 1342 | 1740 |

TABLE 5.059 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536000 North Branch Chicago River at Niles

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 704 | 2407 | 6500 | | 1066 | 2221 | 4098 |
| Q7,10 | 10 | | 3333 | 5172 | 9271 | | 2709 | 3553 | 5126 |
| 1 | 5 | | 4351 | 5849 | 9205 | | 3192 | 3836 | 5103 |
| | 10 | | 5738 | 7919 | 10278 | | 3791 | 4640 | 5473 |
| | 20 | | 6403 | 8331 | 12409 | | 4060 | 4791 | 6173 |
| | 25 | | 6589 | 8407 | 13070 | | 4133 | 4818 | 6382 |
| 2 | 5 | | 2095 | 3553 | 6587 | | 2042 | 2817 | 4132 |
| | 10 | | 2959 | 4739 | 8929 | | 2519 | 3365 | 5006 |
| | 20 | | 3372 | 5384 | 9351 | | 2728 | 3643 | 5154 |
| | 25 | | 3437 | 5489 | 9492 | | 2760 | 3687 | 5203 |
| 3 | 5 | | 7205 | 8952 | 13088 | | 4372 | 5014 | 6388 |
| | 10 | | 9618 | 10062 | 15863 | | 5247 | 5400 | 7230 |
| | 20 | | 10026 | 12138 | 17688 | | 5387 | 6086 | 7758 |
| | 25 | | 10523 | 12778 | 19044 | | 5556 | 6290 | 8140 |
| 4 | 5 | | 3472 | 4985 | 8232 | | 2778 | 3473 | 4755 |
| | 10 | | 4639 | 6667 | 9927 | | 3321 | 4164 | 5354 |
| | 20 | | 5281 | 7216 | 11192 | | 3600 | 4376 | 5779 |
| | 25 | | 5376 | 7342 | 11781 | | 3640 | 4424 | 5971 |
| 5 | 5 | | 2257 | 3730 | 6768 | | 2136 | 2903 | 4203 |
| | 10 | | 3138 | 4956 | 9028 | | 2611 | 3460 | 5040 |
| | 20 | | 3612 | 5609 | 9431 | | 2846 | 3737 | 5182 |
| | 25 | | 3662 | 5736 | 9794 | | 2870 | 3790 | 5308 |
| 6 | 5 | | 2948 | 4476 | 7583 | | 2513 | 3248 | 4514 |
| | 10 | | 3995 | 5921 | 9825 | | 3028 | 3866 | 5319 |
| | 20 | | 4614 | 6563 | 10475 | | 3310 | 4123 | 5540 |
| | 25 | | 4645 | 6737 | 11025 | | 3324 | 4191 | 5723 |
| 7 | 5 | | 2531 | 4028 | 7075 | | 2290 | 3044 | 4322 |
| | 10 | | 3469 | 5324 | 9442 | | 2776 | 3618 | 5186 |
| | 20 | | 4017 | 5991 | 9848 | | 3038 | 3894 | 5326 |
| | 25 | | 4043 | 6154 | 10305 | | 3051 | 3960 | 5482 |
| 8 | 5 | | 3319 | 4837 | 8042 | | 2702 | 3408 | 4685 |
| | 10 | | 4451 | 6449 | 9897 | | 3237 | 4078 | 5343 |
| | 20 | | 5086 | 7025 | 10983 | | 3516 | 4303 | 5709 |
| | 25 | | 5162 | 7166 | 11560 | | 3549 | 4357 | 5899 |

TABLE 5.061 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536235 Deer Creek near Chicago Heights

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 178 | 429 | 1080 | | 480 | 798 | 1373 |
| Q7,10 | 10 | | 1136 | 1441 | 2054 | | 1414 | 1630 | 2017 |
| 1 | 5 | | 405 | 620 | 1103 | | 772 | 989 | 1390 |
| | 10 | | 480 | 761 | 1356 | | 852 | 1116 | 1572 |
| | 20 | | 527 | 839 | 1506 | | 900 | 1182 | 1674 |
| | 25 | | 528 | 845 | 1537 | | 901 | 1187 | 1694 |
| 2 | 5 | | 264 | 479 | 1080 | | 603 | 851 | 1373 |
| | 10 | | 313 | 576 | 1156 | | 665 | 947 | 1430 |
| | 20 | | 344 | 634 | 1286 | | 702 | 1002 | 1523 |
| | 25 | | 345 | 635 | 1303 | | 703 | 1003 | 1535 |
| 3 | 5 | | 608 | 832 | 1344 | | 978 | 1176 | 1563 |
| | 10 | | 744 | 1041 | 1650 | | 1101 | 1343 | 1768 |
| | 20 | | 821 | 1152 | 1846 | | 1167 | 1426 | 1892 |
| | 25 | | 826 | 1168 | 1917 | | 1171 | 1438 | 1935 |
| 4 | 5 | | 366 | 581 | 1080 | | 727 | 952 | 1373 |
| | 10 | | 430 | 707 | 1299 | | 799 | 1069 | 1532 |
| | 20 | | 471 | 780 | 1447 | | 843 | 1132 | 1634 |
| | 25 | | 472 | 783 | 1469 | | 843 | 1135 | 1649 |
| 5 | 5 | | 307 | 522 | 1080 | | 657 | 895 | 1373 |
| | 10 | | 360 | 632 | 1215 | | 720 | 1000 | 1472 |
| | 20 | | 394 | 696 | 1355 | | 760 | 1059 | 1571 |
| | 25 | | 395 | 697 | 1371 | | 760 | 1060 | 1582 |
| 6 | 5 | | 376 | 592 | 1080 | | 739 | 962 | 1373 |
| | 10 | | 443 | 722 | 1314 | | 813 | 1081 | 1542 |
| | 20 | | 486 | 796 | 1463 | | 858 | 1145 | 1645 |
| | 25 | | 487 | 800 | 1487 | | 859 | 1149 | 1661 |
| 7 | 5 | | 353 | 568 | 1080 | | 712 | 940 | 1373 |
| | 10 | | 413 | 689 | 1279 | | 780 | 1052 | 1518 |
| | 20 | | 452 | 760 | 1427 | | 823 | 1115 | 1620 |
| | 25 | | 453 | 762 | 1446 | | 824 | 1117 | 1634 |
| 8 | 5 | | 428 | 640 | 1129 | | 797 | 1007 | 1409 |
| | 10 | | 510 | 793 | 1390 | | 883 | 1143 | 1595 |
| | 20 | | 561 | 875 | 1542 | | 933 | 1211 | 1698 |
| | 25 | | 562 | 882 | 1577 | | 934 | 1218 | 1721 |

TABLE 5.062 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536255 Butterfield Creek at Flossmoor

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 251 | 550 | 1355 | | 586 | 922 | 1571 |
| Q7,10 | 10 | | 532 | 855 | 1528 | | 905 | 1195 | 1688 |
| 1 | 5 | | 441 | 702 | 1355 | | 811 | 1064 | 1571 |
| | 10 | | 567 | 889 | 1565 | | 938 | 1223 | 1713 |
| | 20 | | 638 | 1025 | 1826 | | 1005 | 1331 | 1879 |
| | 25 | | 658 | 1057 | 1862 | | 1025 | 1355 | 1901 |
| 2 | 5 | | 292 | 550 | 1355 | | 639 | 922 | 1571 |
| | 10 | | 379 | 685 | 1355 | | 743 | 1048 | 1571 |
| | 20 | | 428 | 778 | 1578 | | 797 | 1131 | 1721 |
| | 25 | | 445 | 805 | 1610 | | 815 | 1153 | 1742 |
| 3 | 5 | | 568 | 845 | 1506 | | 940 | 1187 | 1674 |
| | 10 | | 725 | 1055 | 1739 | | 1085 | 1353 | 1825 |
| | 20 | | 827 | 1228 | 2022 | | 1172 | 1481 | 1999 |
| | 25 | | 855 | 1260 | 2065 | | 1195 | 1504 | 2024 |
| 4 | 5 | | 347 | 598 | 1355 | | 705 | 968 | 1571 |
| | 10 | | 447 | 763 | 1432 | | 817 | 1118 | 1624 |
| | 20 | | 499 | 872 | 1675 | | 871 | 1209 | 1784 |
| | 25 | | 516 | 902 | 1706 | | 888 | 1234 | 1804 |
| 5 | 5 | | 281 | 550 | 1355 | | 625 | 922 | 1571 |
| | 10 | | 366 | 673 | 1355 | | 728 | 1038 | 1571 |
| | 20 | | 414 | 760 | 1559 | | 782 | 1115 | 1709 |
| | 25 | | 431 | 786 | 1591 | | 800 | 1138 | 1730 |
| 6 | 5 | | 347 | 598 | 1355 | | 705 | 968 | 1571 |
| | 10 | | 447 | 763 | 1432 | | 817 | 1118 | 1624 |
| | 20 | | 499 | 872 | 1675 | | 871 | 1209 | 1784 |
| | 25 | | 516 | 902 | 1706 | | 888 | 1234 | 1804 |
| 7 | 5 | | 307 | 554 | 1355 | | 658 | 926 | 1571 |
| | 10 | | 398 | 707 | 1373 | | 764 | 1069 | 1584 |
| | 20 | | 448 | 805 | 1605 | | 819 | 1154 | 1739 |
| | 25 | | 465 | 833 | 1637 | | 837 | 1177 | 1760 |
| 8 | 5 | | 376 | 631 | 1355 | | 739 | 999 | 1571 |
| | 10 | | 482 | 804 | 1475 | | 854 | 1153 | 1653 |
| | 20 | | 537 | 921 | 1725 | | 909 | 1249 | 1816 |
| | 25 | | 554 | 953 | 1757 | | 926 | 1274 | 1836 |

TABLE 5.063 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536265 Lansing Ditch near Lansing

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 99 | 239 | 616 | | 344 | 569 | 985 |
| Q7,10 | 10 | | 99 | 239 | 616 | | 344 | 569 | 985 |
| 1 | 5 | | 550 | 703 | 989 | | 922 | 1065 | 1303 |
| | 10 | | 683 | 860 | 1192 | | 1047 | 1199 | 1456 |
| | 20 | | 730 | 930 | 1295 | | 1089 | 1256 | 1529 |
| | 25 | | 775 | 980 | 1524 | | 1128 | 1295 | 1686 |
| 2 | 5 | | 292 | 423 | 723 | | 638 | 791 | 1082 |
| | 10 | | 348 | 528 | 883 | | 707 | 900 | 1218 |
| | 20 | | 370 | 556 | 956 | | 732 | 928 | 1276 |
| | 25 | | 387 | 594 | 1006 | | 752 | 965 | 1316 |
| 3 | 5 | | 655 | 806 | 1109 | | 1022 | 1154 | 1395 |
| | 10 | | 806 | 962 | 1311 | | 1154 | 1282 | 1541 |
| | 20 | | 868 | 1043 | 1427 | | 1206 | 1345 | 1620 |
| | 25 | | 917 | 1103 | 1809 | | 1245 | 1390 | 1868 |
| 4 | 5 | | 336 | 470 | 772 | | 692 | 842 | 1126 |
| | 10 | | 406 | 588 | 941 | | 773 | 959 | 1265 |
| | 20 | | 430 | 622 | 1000 | | 798 | 991 | 1311 |
| | 25 | | 453 | 663 | 1055 | | 824 | 1029 | 1354 |
| 5 | 5 | | 228 | 359 | 648 | | 554 | 720 | 1015 |
| | 10 | | 275 | 439 | 797 | | 617 | 809 | 1147 |
| | 20 | | 297 | 464 | 859 | | 645 | 835 | 1198 |
| | 25 | | 309 | 491 | 907 | | 659 | 864 | 1237 |
| 6 | 5 | | 305 | 436 | 738 | | 655 | 805 | 1096 |
| | 10 | | 364 | 546 | 901 | | 725 | 918 | 1233 |
| | 20 | | 386 | 575 | 976 | | 750 | 946 | 1292 |
| | 25 | | 404 | 615 | 1006 | | 770 | 985 | 1316 |
| 7 | 5 | | 186 | 319 | 616 | | 493 | 672 | 985 |
| | 10 | | 227 | 383 | 743 | | 553 | 747 | 1100 |
| | 20 | | 249 | 405 | 798 | | 582 | 772 | 1147 |
| | 25 | | 257 | 426 | 844 | | 593 | 795 | 1186 |
| 8 | 5 | | 285 | 416 | 715 | | 630 | 784 | 1075 |
| | 10 | | 340 | 518 | 874 | | 698 | 891 | 1211 |
| | 20 | | 362 | 546 | 946 | | 723 | 918 | 1268 |
| | 25 | | 379 | 583 | 996 | | 742 | 954 | 1308 |

TABLE 5.064 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536270 North Creek near Lansing

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 237 | 519 | 1180 | | 567 | 892 | 1447 |
| Q7,10 | 10 | | 237 | 519 | 1180 | | 567 | 892 | 1447 |
| 1 | 5 | | 651 | 881 | 1388 | | 1018 | 1216 | 1594 |
| | 10 | | 796 | 1078 | 1641 | | 1146 | 1371 | 1762 |
| | 20 | | 945 | 1271 | 1867 | | 1268 | 1512 | 1904 |
| | 25 | | 978 | 1305 | 1915 | | 1294 | 1536 | 1934 |
| 2 | 5 | | 399 | 608 | 1180 | | 765 | 978 | 1447 |
| | 10 | | 493 | 741 | 1306 | | 865 | 1098 | 1537 |
| | 20 | | 560 | 879 | 1525 | | 932 | 1215 | 1686 |
| | 25 | | 582 | 913 | 1558 | | 953 | 1242 | 1708 |
| 3 | 5 | | 808 | 1052 | 1577 | | 1156 | 1351 | 1720 |
| | 10 | | 992 | 1277 | 1804 | | 1305 | 1517 | 1865 |
| | 20 | | 1176 | 1492 | 2104 | | 1444 | 1665 | 2047 |
| | 25 | | 1210 | 1526 | 2181 | | 1468 | 1687 | 2092 |
| 4 | 5 | | 475 | 687 | 1180 | | 846 | 1050 | 1447 |
| | 10 | | 577 | 841 | 1407 | | 949 | 1184 | 1607 |
| | 20 | | 671 | 998 | 1637 | | 1036 | 1310 | 1759 |
| | 25 | | 701 | 1032 | 1670 | | 1063 | 1336 | 1781 |
| 5 | 5 | | 321 | 526 | 1180 | | 674 | 898 | 1447 |
| | 10 | | 399 | 640 | 1197 | | 765 | 1008 | 1459 |
| | 20 | | 448 | 753 | 1403 | | 818 | 1109 | 1605 |
| | 25 | | 468 | 785 | 1437 | | 839 | 1137 | 1627 |
| 6 | 5 | | 408 | 617 | 1180 | | 775 | 987 | 1447 |
| | 10 | | 503 | 752 | 1318 | | 876 | 1108 | 1545 |
| | 20 | | 569 | 893 | 1538 | | 941 | 1226 | 1695 |
| | 25 | | 596 | 927 | 1571 | | 966 | 1253 | 1717 |
| 7 | 5 | | 307 | 519 | 1180 | | 657 | 892 | 1447 |
| | 10 | | 383 | 623 | 1180 | | 746 | 992 | 1447 |
| | 20 | | 430 | 731 | 1382 | | 799 | 1090 | 1590 |
| | 25 | | 449 | 763 | 1415 | | 819 | 1117 | 1613 |
| 8 | 5 | | 414 | 623 | 1180 | | 781 | 992 | 1447 |
| | 10 | | 510 | 760 | 1325 | | 882 | 1115 | 1551 |
| | 20 | | 578 | 902 | 1546 | | 950 | 1234 | 1700 |
| | 25 | | 605 | 936 | 1580 | | 975 | 1261 | 1722 |

TABLE 5.065 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536275 Thorn Creek at Thornton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 379 | 1033 | 3685 | | 742 | 1337 | 2881 |
| Q7,10 | 10 | | 3667 | 5203 | 8783 | | 2872 | 3566 | 4953 |
| 1 | 5 | | 3934 | 5249 | 8234 | | 3000 | 3586 | 4755 |
| | 10 | | 4718 | 6384 | 9925 | | 3356 | 4052 | 5353 |
| | 20 | | 6467 | 8026 | 11241 | | 4085 | 4679 | 5795 |
| | 25 | | 7059 | 8673 | 11753 | | 4316 | 4914 | 5962 |
| 2 | 5 | | 999 | 1944 | 4562 | | 1310 | 1951 | 3287 |
| | 10 | | 1443 | 2570 | 5520 | | 1631 | 2311 | 3700 |
| | 20 | | 2594 | 4088 | 7210 | | 2324 | 3072 | 4374 |
| | 25 | | 2949 | 4563 | 7830 | | 2513 | 3287 | 4607 |
| 3 | 5 | | 5707 | 7175 | 9582 | | 3778 | 4360 | 5235 |
| | 10 | | 6989 | 8846 | 11721 | | 4289 | 4976 | 5952 |
| | 20 | | 8570 | 10269 | 12860 | | 4877 | 5470 | 6316 |
| | 25 | | 9218 | 10680 | 13310 | | 5107 | 5609 | 6457 |
| 4 | 5 | | 1560 | 2757 | 5461 | | 1709 | 2412 | 3675 |
| | 10 | | 2135 | 3461 | 6664 | | 2065 | 2772 | 4162 |
| | 20 | | 3578 | 5128 | 8277 | | 2830 | 3535 | 4771 |
| | 25 | | 4013 | 5672 | 8924 | | 3036 | 3763 | 5004 |
| 5 | 5 | | 2204 | 3531 | 6253 | | 2105 | 2806 | 4000 |
| | 10 | | 2872 | 4283 | 7708 | | 2473 | 3161 | 4561 |
| | 20 | | 4443 | 6010 | 9221 | | 3234 | 3902 | 5108 |
| | 25 | | 4946 | 6586 | 9868 | | 3456 | 4132 | 5333 |
| 6 | 5 | | 2900 | 4263 | 7061 | | 2488 | 3152 | 4317 |
| | 10 | | 3610 | 5138 | 8711 | | 2845 | 3539 | 4928 |
| | 20 | | 5288 | 6856 | 10143 | | 3602 | 4237 | 5427 |
| | 25 | | 5837 | 7462 | 10564 | | 3831 | 4469 | 5570 |
| 7 | 5 | | 2370 | 3738 | 6463 | | 2200 | 2907 | 4083 |
| | 10 | | 3064 | 4499 | 7984 | | 2573 | 3259 | 4664 |
| | 20 | | 4671 | 6243 | 9471 | | 3335 | 3996 | 5196 |
| | 25 | | 5191 | 6827 | 10119 | | 3561 | 4226 | 5419 |
| 8 | 5 | | 3258 | 4610 | 7474 | | 2671 | 3308 | 4474 |
| | 10 | | 3999 | 5580 | 9200 | | 3030 | 3725 | 5101 |
| | 20 | | 5705 | 7267 | 10412 | | 3777 | 4395 | 5518 |
| | 25 | | 6269 | 7889 | 10983 | | 4006 | 4628 | 5709 |

TABLE 5.067 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536340 Midlothian Creek at Oak Forest

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 129 | 309 | 758 | | 401 | 660 | 1113 |
| Q7,10 | 10 | | 129 | 309 | 758 | | 401 | 660 | 1113 |
| 1 | 5 | | 221 | 386 | 758 | | 544 | 750 | 1113 |
| | 10 | | 258 | 449 | 881 | | 595 | 819 | 1216 |
| | 20 | | 285 | 479 | 976 | | 629 | 851 | 1292 |
| | 25 | | 295 | 481 | 1000 | | 642 | 852 | 1311 |
| 2 | 5 | | 149 | 313 | 758 | | 435 | 665 | 1113 |
| | 10 | | 182 | 364 | 777 | | 487 | 726 | 1130 |
| | 20 | | 205 | 394 | 861 | | 521 | 759 | 1200 |
| | 25 | | 215 | 399 | 882 | | 535 | 765 | 1217 |
| 3 | 5 | | 349 | 516 | 885 | | 708 | 888 | 1220 |
| | 10 | | 404 | 605 | 1060 | | 770 | 975 | 1357 |
| | 20 | | 434 | 664 | 1170 | | 803 | 1030 | 1439 |
| | 25 | | 437 | 676 | 1200 | | 806 | 1041 | 1462 |
| 4 | 5 | | 209 | 375 | 758 | | 527 | 738 | 1113 |
| | 10 | | 246 | 435 | 864 | | 578 | 804 | 1202 |
| | 20 | | 272 | 465 | 956 | | 612 | 836 | 1277 |
| | 25 | | 282 | 467 | 981 | | 625 | 838 | 1296 |
| 5 | 5 | | 134 | 309 | 758 | | 409 | 660 | 1113 |
| | 10 | | 166 | 346 | 758 | | 462 | 704 | 1113 |
| | 20 | | 188 | 375 | 837 | | 496 | 738 | 1180 |
| | 25 | | 198 | 381 | 857 | | 511 | 745 | 1197 |
| 6 | 5 | | 174 | 338 | 758 | | 474 | 695 | 1113 |
| | 10 | | 208 | 393 | 812 | | 525 | 759 | 1159 |
| | 20 | | 232 | 421 | 899 | | 559 | 789 | 1231 |
| | 25 | | 242 | 424 | 922 | | 573 | 793 | 1249 |
| 7 | 5 | | 165 | 329 | 758 | | 460 | 684 | 1113 |
| | 10 | | 198 | 383 | 799 | | 511 | 746 | 1148 |
| | 20 | | 222 | 412 | 885 | | 545 | 780 | 1220 |
| | 25 | | 232 | 416 | 907 | | 559 | 784 | 1237 |
| 8 | 5 | | 221 | 386 | 758 | | 544 | 750 | 1113 |
| | 10 | | 258 | 449 | 881 | | 595 | 819 | 1216 |
| | 20 | | 285 | 479 | 976 | | 629 | 851 | 1292 |
| | 25 | | 295 | 481 | 1000 | | 642 | 852 | 1311 |

TABLE 5.068 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5539000 Hickory Creek at Joliet

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 258 | 955 | 3422 | | 595 | 1276 | 2753 |
| Q7,10 | 10 | | 428 | 1218 | 3754 | | 797 | 1474 | 2914 |
| 1 | 5 | | 1132 | 2240 | 4776 | | 1411 | 2126 | 3382 |
| | 10 | | 1520 | 2750 | 5810 | | 1683 | 2409 | 3820 |
| | 20 | | 1800 | 3030 | 6656 | | 1863 | 2555 | 4160 |
| | 25 | | 1807 | 3087 | 6731 | | 1867 | 2584 | 4189 |
| 2 | 5 | | 486 | 1230 | 3665 | | 858 | 1483 | 2871 |
| | 10 | | 645 | 1654 | 4372 | | 1013 | 1770 | 3202 |
| | 20 | | 869 | 1942 | 4977 | | 1207 | 1950 | 3470 |
| | 25 | | 872 | 1950 | 5051 | | 1209 | 1955 | 3501 |
| 3 | 5 | | 1679 | 2901 | 5504 | | 1787 | 2489 | 3693 |
| | 10 | | 2157 | 3488 | 6735 | | 2078 | 2786 | 4190 |
| | 20 | | 2453 | 3888 | 7706 | | 2246 | 2978 | 4560 |
| | 25 | | 2480 | 3961 | 7799 | | 2262 | 3012 | 4595 |
| 4 | 5 | | 649 | 1502 | 4007 | | 1016 | 1671 | 3034 |
| | 10 | | 869 | 1972 | 4798 | | 1207 | 1968 | 3391 |
| | 20 | | 1118 | 2267 | 5484 | | 1401 | 2142 | 3685 |
| | 25 | | 1122 | 2286 | 5558 | | 1404 | 2152 | 3716 |
| 5 | 5 | | 872 | 1840 | 4357 | | 1209 | 1888 | 3195 |
| | 10 | | 1170 | 2327 | 5259 | | 1439 | 2176 | 3590 |
| | 20 | | 1428 | 2622 | 6017 | | 1621 | 2340 | 3905 |
| | 25 | | 1433 | 2659 | 6092 | | 1625 | 2359 | 3935 |
| 6 | 5 | | 1060 | 2129 | 4659 | | 1357 | 2062 | 3330 |
| | 10 | | 1422 | 2632 | 5656 | | 1617 | 2345 | 3757 |
| | 20 | | 1696 | 2928 | 6478 | | 1798 | 2502 | 4089 |
| | 25 | | 1703 | 2979 | 6553 | | 1802 | 2529 | 4119 |
| 7 | 5 | | 1005 | 2044 | 4570 | | 1315 | 2012 | 3290 |
| | 10 | | 1350 | 2542 | 5539 | | 1568 | 2296 | 3708 |
| | 20 | | 1617 | 2838 | 6342 | | 1746 | 2455 | 4035 |
| | 25 | | 1623 | 2884 | 6416 | | 1750 | 2480 | 4065 |
| 8 | 5 | | 1260 | 2438 | 4984 | | 1504 | 2238 | 3472 |
| | 10 | | 1694 | 2960 | 6084 | | 1796 | 2519 | 3932 |
| | 20 | | 1985 | 3240 | 6975 | | 1976 | 2663 | 4283 |
| | 25 | | 1993 | 3307 | 7049 | | 1981 | 2696 | 4312 |

TABLE 5.071 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5542000 Mazon River near Coal City

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| Q7,10 | 10 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| 1 | 5 | 3714 | 7952 | 16363 | 44577 | 2895 | 4652 | 7377 | 14289 |
| | 10 | 4161 | 8083 | 16363 | 44577 | 3105 | 4700 | 7377 | 14289 |
| | 20 | 4366 | 8925 | 17365 | 44577 | 3199 | 5004 | 7666 | 14289 |
| | 25 | 4693 | 9236 | 17922 | 47138 | 3345 | 5114 | 7825 | 14837 |
| 2 | 5 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| | 10 | 3683 | 7952 | 16363 | 44577 | 2880 | 4652 | 7377 | 14289 |
| | 20 | 3807 | 8284 | 16713 | 44577 | 2939 | 4773 | 7478 | 14289 |
| | 25 | 4137 | 8596 | 17140 | 45858 | 3094 | 4886 | 7602 | 14564 |
| 3 | 5 | 4816 | 8404 | 16363 | 44577 | 3399 | 4817 | 7377 | 14289 |
| | 10 | 5357 | 9497 | 16920 | 44577 | 3632 | 5205 | 7538 | 14289 |
| | 20 | 5762 | 10564 | 19040 | 46210 | 3800 | 5570 | 8139 | 14639 |
| | 25 | 6087 | 10870 | 19995 | 50432 | 3933 | 5672 | 8403 | 15529 |
| 4 | 5 | 3840 | 7952 | 16363 | 44577 | 2955 | 4652 | 7377 | 14289 |
| | 10 | 4299 | 8242 | 16363 | 44577 | 3168 | 4758 | 7377 | 14289 |
| | 20 | 4526 | 9111 | 17553 | 44577 | 3271 | 5070 | 7720 | 14289 |
| | 25 | 4853 | 9420 | 18152 | 47508 | 3416 | 5178 | 7890 | 14915 |
| 5 | 5 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| | 10 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| | 20 | 3632 | 8085 | 16511 | 44577 | 2856 | 4701 | 7420 | 14289 |
| | 25 | 3963 | 8398 | 16900 | 45463 | 3013 | 4815 | 7533 | 14480 |
| 6 | 5 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| | 10 | 3916 | 7952 | 16363 | 44577 | 2991 | 4652 | 7377 | 14289 |
| | 20 | 4080 | 8596 | 17030 | 44577 | 3068 | 4886 | 7570 | 14289 |
| | 25 | 4408 | 8907 | 17516 | 46480 | 3218 | 4998 | 7709 | 14697 |
| 7 | 5 | 3571 | 7952 | 16363 | 44577 | 2826 | 4652 | 7377 | 14289 |
| | 10 | 3651 | 7952 | 16363 | 44577 | 2865 | 4652 | 7377 | 14289 |
| | 20 | 3770 | 8242 | 16670 | 44577 | 2922 | 4758 | 7466 | 14289 |
| | 25 | 4100 | 8554 | 17089 | 45774 | 3077 | 4871 | 7587 | 14546 |
| 8 | 5 | 3609 | 7952 | 16363 | 44577 | 2844 | 4652 | 7377 | 14289 |
| | 10 | 4046 | 7952 | 16363 | 44577 | 3052 | 4652 | 7377 | 14289 |
| | 20 | 4231 | 8770 | 17206 | 44577 | 3137 | 4949 | 7621 | 14289 |
| | 25 | 4559 | 9081 | 17730 | 46827 | 3286 | 5059 | 7771 | 14771 |

TABLE 5.073 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5449000 Boone Creek near McHenry

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Q7,10 | 10 | 0 | 0 | 192 | | 0 | 0 | 502 | |
| 1 | 5 | 191 | 191 | 190 | | 500 | 500 | 500 | |
| | 10 | 225 | 225 | 224 | | 549 | 549 | 549 | |
| | 20 | 327 | 327 | 327 | | 682 | 682 | 682 | |
| | 25 | 349 | 349 | 349 | | 708 | 707 | 707 | |
| 2 | 5 | 0 | 0 | 53 | | 0 | 0 | 242 | |
| | 10 | 0 | 0 | 60 | | 0 | 0 | 260 | |
| | 20 | 0 | 0 | 75 | | 0 | 0 | 294 | |
| | 25 | 0 | 0 | 75 | | 0 | 0 | 295 | |
| 3 | 5 | 191 | 191 | 190 | | 500 | 500 | 499 | |
| | 10 | 225 | 225 | 224 | | 549 | 549 | 549 | |
| | 20 | 327 | 327 | 327 | | 682 | 682 | 682 | |
| | 25 | 349 | 349 | 349 | | 707 | 707 | 707 | |
| 4 | 5 | 0 | 0 | 82 | | 0 | 0 | 310 | |
| | 10 | 0 | 0 | 96 | | 0 | 0 | 338 | |
| | 20 | 0 | 0 | 127 | | 0 | 0 | 397 | |
| | 25 | 0 | 0 | 129 | | 0 | 0 | 400 | |
| 5 | 5 | 66 | 164 | 191 | | 274 | 458 | 500 | |
| | 10 | 76 | 193 | 225 | | 296 | 503 | 549 | |
| | 20 | 97 | 279 | 327 | | 341 | 622 | 682 | |
| | 25 | 98 | 296 | 349 | | 342 | 643 | 707 | |
| 6 | 5 | 139 | 191 | 190 | | 418 | 500 | 500 | |
| | 10 | 164 | 225 | 224 | | 458 | 549 | 549 | |
| | 20 | 234 | 327 | 327 | | 562 | 682 | 682 | |
| | 25 | 246 | 349 | 349 | | 578 | 708 | 707 | |
| 7 | 5 | 111 | 191 | 190 | | 368 | 500 | 500 | |
| | 10 | 130 | 225 | 224 | | 402 | 549 | 549 | |
| | 20 | 182 | 327 | 327 | | 486 | 682 | 682 | |
| | 25 | 189 | 349 | 349 | | 498 | 708 | 707 | |
| 8 | 5 | 191 | 191 | 190 | | 500 | 500 | 500 | |
| | 10 | 225 | 225 | 224 | | 549 | 549 | 549 | |
| | 20 | 327 | 327 | 327 | | 682 | 682 | 682 | |
| | 25 | 349 | 349 | 349 | | 708 | 707 | 707 | |

TABLE 5.074 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5550000 Fox River at Algonquin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 6083 | 21301 | | 0 | 3931 | 8757 | |
| Q7,10 | 10 | 3492 | 9947 | 23349 | | 2787 | 5360 | 9300 | |
| 1 | 5 | 17382 | 27086 | 52155 | | 7671 | 10254 | 15885 | |
| | 10 | 22781 | 31891 | 64997 | | 9151 | 11424 | 18448 | |
| | 20 | 30493 | 46602 | 87056 | | 11090 | 14723 | 22546 | |
| | 25 | 34777 | 53006 | 95864 | | 12102 | 16060 | 24100 | |
| 2 | 5 | 4608 | 10583 | 25885 | | 3307 | 5576 | 9952 | |
| | 10 | 8806 | 15377 | 30491 | | 4961 | 7086 | 11089 | |
| | 20 | 10173 | 19442 | 44586 | | 5437 | 8251 | 14291 | |
| | 25 | 13056 | 22287 | 50837 | | 6378 | 9021 | 15613 | |
| 3 | 5 | 28418 | 40776 | 68371 | | 10584 | 13459 | 19097 | |
| | 10 | 33568 | 48923 | 88128 | | 11820 | 15213 | 22737 | |
| | 20 | 49013 | 69105 | 116798 | | 15232 | 19237 | 27649 | |
| | 25 | 55601 | 77494 | 127348 | | 16589 | 20810 | 29373 | |
| 4 | 5 | 8027 | 13690 | 32608 | | 4679 | 6575 | 11594 | |
| | 10 | 12532 | 18997 | 38448 | | 6212 | 8127 | 12940 | |
| | 20 | 15413 | 24436 | 56053 | | 7097 | 9582 | 16681 | |
| | 25 | 18195 | 27901 | 63182 | | 7902 | 10457 | 18096 | |
| 5 | 5 | 9762 | 15330 | 36212 | | 5297 | 7072 | 12432 | |
| | 10 | 14443 | 20912 | 42628 | | 6805 | 8652 | 13866 | |
| | 20 | 18141 | 27065 | 62118 | | 7887 | 10249 | 17887 | |
| | 25 | 20889 | 30769 | 69715 | | 8646 | 11156 | 19353 | |
| 6 | 5 | 13376 | 21072 | 44439 | | 6478 | 8696 | 14259 | |
| | 10 | 18632 | 26016 | 54052 | | 8025 | 9985 | 16274 | |
| | 20 | 23933 | 36732 | 74648 | | 9452 | 12551 | 20282 | |
| | 25 | 27333 | 41809 | 83692 | | 10316 | 13687 | 21941 | |
| 7 | 5 | 16239 | 25560 | 50482 | | 7340 | 9869 | 15539 | |
| | 10 | 21781 | 30111 | 62493 | | 8886 | 10997 | 17961 | |
| | 20 | 28609 | 44039 | 84066 | | 10631 | 14173 | 22009 | |
| | 25 | 32523 | 50249 | 92886 | | 11574 | 15490 | 23579 | |
| 8 | 5 | 24588 | 36642 | 62797 | | 9621 | 12531 | 18020 | |
| | 10 | 29008 | 43127 | 80922 | | 10729 | 13975 | 21438 | |
| | 20 | 42415 | 62841 | 104946 | | 13820 | 18029 | 25663 | |
| | 25 | 48486 | 70494 | 114839 | | 15122 | 19501 | 27325 | |

TABLE 5.075 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5550500 Poplar Creek at Elgin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 380 | 956 | 2094 | | 744 | 1276 | 2041 |
| Q7,10 | 10 | | 753 | 1310 | 2461 | | 1109 | 1539 | 2251 |
| 1 | 5 | | 793 | 1185 | 2111 | | 1143 | 1450 | 2051 |
| | 10 | | 1076 | 1651 | 2760 | | 1370 | 1769 | 2414 |
| | 20 | | 1149 | 1706 | 2830 | | 1424 | 1804 | 2451 |
| | 25 | | 1184 | 1747 | 2975 | | 1450 | 1830 | 2527 |
| 2 | 5 | | 515 | 956 | 2094 | | 888 | 1276 | 2041 |
| | 10 | | 694 | 1240 | 2391 | | 1057 | 1491 | 2212 |
| | 20 | | 765 | 1308 | 2456 | | 1119 | 1538 | 2248 |
| | 25 | | 798 | 1336 | 2567 | | 1147 | 1558 | 2309 |
| 3 | 5 | | 1011 | 1401 | 2390 | | 1319 | 1603 | 2212 |
| | 10 | | 1393 | 1973 | 3074 | | 1597 | 1969 | 2578 |
| | 20 | | 1455 | 2019 | 3146 | | 1640 | 1997 | 2615 |
| | 25 | | 1478 | 2083 | 3314 | | 1655 | 2035 | 2700 |
| 4 | 5 | | 617 | 1014 | 2094 | | 987 | 1322 | 2041 |
| | 10 | | 829 | 1398 | 2550 | | 1174 | 1601 | 2300 |
| | 20 | | 906 | 1460 | 2622 | | 1237 | 1643 | 2340 |
| | 25 | | 951 | 1483 | 2750 | | 1272 | 1658 | 2408 |
| 5 | 5 | | 509 | 956 | 2094 | | 881 | 1276 | 2041 |
| | 10 | | 685 | 1231 | 2382 | | 1049 | 1483 | 2207 |
| | 20 | | 756 | 1298 | 2446 | | 1111 | 1532 | 2243 |
| | 25 | | 788 | 1327 | 2555 | | 1139 | 1552 | 2303 |
| 6 | 5 | | 608 | 1004 | 2094 | | 978 | 1314 | 2041 |
| | 10 | | 817 | 1383 | 2535 | | 1163 | 1591 | 2292 |
| | 20 | | 893 | 1446 | 2607 | | 1226 | 1633 | 2331 |
| | 25 | | 936 | 1469 | 2733 | | 1261 | 1649 | 2399 |
| 7 | 5 | | 557 | 956 | 2094 | | 929 | 1276 | 2041 |
| | 10 | | 749 | 1305 | 2456 | | 1106 | 1536 | 2248 |
| | 20 | | 824 | 1370 | 2524 | | 1170 | 1581 | 2286 |
| | 25 | | 862 | 1396 | 2641 | | 1201 | 1599 | 2350 |
| 8 | 5 | | 656 | 1052 | 2094 | | 1022 | 1351 | 2041 |
| | 10 | | 881 | 1454 | 2604 | | 1216 | 1639 | 2330 |
| | 20 | | 960 | 1514 | 2677 | | 1280 | 1679 | 2369 |
| | 25 | | 1002 | 1541 | 2809 | | 1313 | 1697 | 2440 |

TABLE 5.078 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5552500 Fox River at Dayton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 5507 | 37858 | 0 | 0 | 3695 | 12807 |
| Q7,10 | 10 | 8686 | 15698 | 31734 | 85589 | 4919 | 7181 | 11387 | 22283 |
| 1 | 5 | 19525 | 28588 | 48675 | 104098 | 8274 | 10626 | 15161 | 25518 |
| | 10 | 36795 | 50772 | 80530 | 158748 | 12566 | 15599 | 21367 | 34301 |
| | 20 | 54711 | 74682 | 113692 | 199096 | 16409 | 20288 | 27134 | 40281 |
| | 25 | 60613 | 82051 | 123082 | 210321 | 17591 | 21644 | 28681 | 41889 |
| 2 | 5 | 0 | 4441 | 13363 | 45522 | 0 | 3233 | 6473 | 14492 |
| | 10 | 6901 | 11789 | 26245 | 75347 | 4255 | 5974 | 10043 | 20412 |
| | 20 | 11318 | 18592 | 38584 | 107853 | 5820 | 8014 | 12970 | 26155 |
| | 25 | 12542 | 20938 | 42645 | 116830 | 6215 | 8660 | 13870 | 27655 |
| 3 | 5 | 32391 | 44141 | 66582 | 132159 | 11543 | 14195 | 18754 | 30147 |
| | 10 | 56187 | 73077 | 109588 | 190272 | 16708 | 19988 | 26447 | 39002 |
| | 20 | 82196 | 105299 | 146650 | 234359 | 21670 | 25723 | 32435 | 45263 |
| | 25 | 89885 | 114094 | 158050 | 245729 | 23049 | 27201 | 34194 | 46829 |
| 4 | 5 | 0 | 8052 | 17970 | 54449 | 0 | 4689 | 7839 | 16355 |
| | 10 | 9438 | 17347 | 34118 | 90018 | 5185 | 7661 | 11949 | 23073 |
| | 20 | 15349 | 26174 | 50647 | 124408 | 7078 | 10025 | 15573 | 28897 |
| | 25 | 17366 | 28990 | 56103 | 134549 | 7667 | 10725 | 16690 | 30529 |
| 5 | 5 | 9262 | 15105 | 28753 | 72972 | 5123 | 7005 | 10667 | 19968 |
| | 10 | 19319 | 29168 | 51006 | 118186 | 8217 | 10768 | 15648 | 27878 |
| | 20 | 28778 | 43107 | 75008 | 156551 | 10673 | 13971 | 20349 | 33965 |
| | 25 | 31879 | 47689 | 82391 | 167926 | 11421 | 14953 | 21706 | 35692 |
| 6 | 5 | 14539 | 21303 | 39377 | 89410 | 6835 | 8758 | 13148 | 22965 |
| | 10 | 28200 | 39863 | 65885 | 140298 | 10530 | 13257 | 18620 | 31440 |
| | 20 | 41634 | 59378 | 96070 | 182050 | 13649 | 17346 | 24136 | 37796 |
| | 25 | 46046 | 65529 | 104364 | 193375 | 14604 | 18551 | 25564 | 39453 |
| 7 | 5 | 16345 | 23094 | 42420 | 94155 | 7371 | 9233 | 13821 | 23801 |
| | 10 | 31326 | 42937 | 70247 | 146662 | 11290 | 13934 | 19454 | 32437 |
| | 20 | 46393 | 63792 | 102120 | 189381 | 14678 | 18214 | 25180 | 38872 |
| | 25 | 51359 | 70710 | 110687 | 200694 | 15721 | 19542 | 26632 | 40512 |
| 8 | 5 | 26236 | 37811 | 58955 | 120819 | 10041 | 12796 | 17262 | 28311 |
| | 10 | 47367 | 63649 | 97793 | 179141 | 14885 | 18187 | 24435 | 37366 |
| | 20 | 69952 | 92954 | 133213 | 220153 | 19399 | 23591 | 30316 | 43280 |
| | 25 | 77124 | 101111 | 143962 | 231353 | 20741 | 25007 | 32015 | 44846 |

TABLE 5.079 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5554000 N. F. Vermilion River near Charlotte

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1350 | 2939 | 6227 | 15349 | 1567 | 2508 | 3989 | 7078 |
| Q7,10 | 10 | 1350 | 2939 | 6227 | 15349 | 1567 | 2508 | 3989 | 7078 |
| 1 | 5 | 1589 | 2939 | 6227 | 15349 | 1729 | 2508 | 3989 | 7078 |
| | 10 | 1700 | 3259 | 6227 | 15349 | 1800 | 2672 | 3989 | 7078 |
| | 20 | 1842 | 3524 | 6746 | 15349 | 1889 | 2803 | 4195 | 7078 |
| | 25 | 1868 | 3584 | 6919 | 16728 | 1905 | 2832 | 4262 | 7483 |
| 2 | 5 | 1381 | 2939 | 6227 | 15349 | 1589 | 2508 | 3989 | 7078 |
| | 10 | 1447 | 3014 | 6227 | 15349 | 1634 | 2547 | 3989 | 7078 |
| | 20 | 1590 | 3218 | 6425 | 15349 | 1729 | 2651 | 4068 | 7078 |
| | 25 | 1614 | 3266 | 6577 | 16046 | 1745 | 2675 | 4128 | 7284 |
| 3 | 5 | 1991 | 3344 | 6227 | 15349 | 1980 | 2715 | 3989 | 7078 |
| | 10 | 2184 | 3741 | 6417 | 15349 | 2094 | 2908 | 4065 | 7078 |
| | 20 | 2325 | 4127 | 7378 | 15629 | 2175 | 3090 | 4437 | 7161 |
| | 25 | 2356 | 4206 | 7594 | 18077 | 2192 | 3126 | 4519 | 7869 |
| 4 | 5 | 1585 | 2939 | 6227 | 15349 | 1726 | 2508 | 3989 | 7078 |
| | 10 | 1695 | 3255 | 6227 | 15349 | 1797 | 2670 | 3989 | 7078 |
| | 20 | 1837 | 3519 | 6740 | 15349 | 1886 | 2801 | 4192 | 7078 |
| | 25 | 1863 | 3578 | 6913 | 16716 | 1902 | 2829 | 4259 | 7479 |
| 5 | 5 | 1358 | 2939 | 6227 | 15349 | 1573 | 2508 | 3989 | 7078 |
| | 10 | 1418 | 2986 | 6227 | 15349 | 1615 | 2533 | 3989 | 7078 |
| | 20 | 1562 | 3184 | 6389 | 15349 | 1711 | 2634 | 4054 | 7078 |
| | 25 | 1585 | 3230 | 6539 | 15970 | 1726 | 2658 | 4113 | 7262 |
| 6 | 5 | 1490 | 2939 | 6227 | 15349 | 1663 | 2508 | 3989 | 7078 |
| | 10 | 1578 | 3141 | 6227 | 15349 | 1722 | 2612 | 3989 | 7078 |
| | 20 | 1721 | 3377 | 6591 | 15349 | 1813 | 2731 | 4134 | 7078 |
| | 25 | 1746 | 3431 | 6755 | 16400 | 1829 | 2758 | 4198 | 7387 |
| 7 | 5 | 1451 | 2939 | 6227 | 15349 | 1637 | 2508 | 3989 | 7078 |
| | 10 | 1532 | 3096 | 6227 | 15349 | 1691 | 2589 | 3989 | 7078 |
| | 20 | 1674 | 3320 | 6532 | 15349 | 1784 | 2703 | 4111 | 7078 |
| | 25 | 1699 | 3372 | 6691 | 16274 | 1799 | 2728 | 4173 | 7351 |
| 8 | 5 | 1673 | 2999 | 6227 | 15349 | 1783 | 2539 | 3989 | 7078 |
| | 10 | 1801 | 3359 | 6227 | 15349 | 1864 | 2722 | 3989 | 7078 |
| | 20 | 1943 | 3649 | 6876 | 15349 | 1951 | 2864 | 4245 | 7078 |
| | 25 | 1970 | 3712 | 7058 | 17006 | 1967 | 2894 | 4315 | 7563 |

TABLE 5.080 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5554500 Vermilion River at Pontiac

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 2219 | 6086 | 14130 | 32850 | 2114 | 3933 | 6710 | 11651 |
| Q7,10 | 10 | 2219 | 6086 | 14130 | 32850 | 2114 | 3933 | 6710 | 11651 |
| 1 | 5 | 2674 | 6086 | 14130 | 32850 | 2368 | 3933 | 6710 | 11651 |
| | 10 | 3707 | 7513 | 14840 | 32850 | 2892 | 4488 | 6925 | 11651 |
| | 20 | 4269 | 8784 | 17109 | 35693 | 3155 | 4954 | 7593 | 12313 |
| | 25 | 4736 | 9243 | 17679 | 36764 | 3364 | 5116 | 7756 | 12558 |
| 2 | 5 | 2219 | 6086 | 14130 | 32850 | 2114 | 3933 | 6710 | 11651 |
| | 10 | 2738 | 6157 | 14130 | 32850 | 2402 | 3961 | 6710 | 11651 |
| | 20 | 3049 | 7208 | 15404 | 33737 | 2565 | 4373 | 7094 | 11860 |
| | 25 | 3509 | 7673 | 15911 | 34810 | 2796 | 4548 | 7244 | 12109 |
| 3 | 5 | 3532 | 7115 | 14130 | 32850 | 2807 | 4337 | 6710 | 11651 |
| | 10 | 4851 | 9092 | 16672 | 33595 | 3414 | 5063 | 7467 | 11826 |
| | 20 | 5692 | 10624 | 19119 | 38006 | 3772 | 5590 | 8161 | 12840 |
| | 25 | 6163 | 11077 | 19759 | 39074 | 3964 | 5740 | 8338 | 13080 |
| 4 | 5 | 2378 | 6086 | 14130 | 32850 | 2205 | 3933 | 6710 | 11651 |
| | 10 | 3321 | 6966 | 14209 | 32850 | 2703 | 4280 | 6734 | 11651 |
| | 20 | 3778 | 8147 | 16418 | 34900 | 2926 | 4724 | 7393 | 12130 |
| | 25 | 4245 | 8609 | 16963 | 35971 | 3144 | 4891 | 7551 | 12377 |
| 5 | 5 | 2220 | 6086 | 14130 | 32850 | 2114 | 3933 | 6710 | 11651 |
| | 10 | 3109 | 6671 | 14130 | 32850 | 2596 | 4165 | 6710 | 11651 |
| | 20 | 3516 | 7805 | 16048 | 34475 | 2799 | 4597 | 7285 | 12032 |
| | 25 | 3976 | 8268 | 16579 | 35547 | 3019 | 4768 | 7440 | 12280 |
| 6 | 5 | 2775 | 6086 | 14130 | 32850 | 2422 | 3933 | 6710 | 11651 |
| | 10 | 3842 | 7701 | 15058 | 32850 | 2956 | 4559 | 6991 | 11651 |
| | 20 | 4437 | 9004 | 17348 | 35968 | 3231 | 5032 | 7662 | 12376 |
| | 25 | 4904 | 9462 | 17926 | 37038 | 3438 | 5193 | 7826 | 12621 |
| 7 | 5 | 2560 | 6086 | 14130 | 32850 | 2306 | 3933 | 6710 | 11651 |
| | 10 | 3557 | 7302 | 14597 | 32850 | 2819 | 4409 | 6852 | 11651 |
| | 20 | 4080 | 8539 | 16843 | 35387 | 3068 | 4866 | 7516 | 12243 |
| | 25 | 4547 | 8999 | 17403 | 36458 | 3280 | 5030 | 7677 | 12489 |
| 8 | 5 | 3119 | 6492 | 14130 | 32850 | 2601 | 4095 | 6710 | 11651 |
| | 10 | 4303 | 8350 | 15810 | 32850 | 3170 | 4798 | 7214 | 11651 |
| | 20 | 5014 | 9761 | 18172 | 36916 | 3485 | 5296 | 7896 | 12593 |
| | 25 | 5483 | 10215 | 18780 | 37985 | 3685 | 5452 | 8067 | 12835 |

TABLE 5.081 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5555500 Vermilion River at Lowell

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 3959 | 13504 | 31456 | 74137 | 3012 | 6517 | 11321 | 20186 |
| Q7,10 | 10 | 5069 | 13504 | 31456 | 74137 | 3509 | 6517 | 11321 | 20186 |
| 1 | 5 | 5579 | 13504 | 31456 | 74137 | 3725 | 6517 | 11321 | 20186 |
| | 10 | 8114 | 16889 | 33614 | 74137 | 4712 | 7530 | 11831 | 20186 |
| | 20 | 10438 | 20705 | 39077 | 82658 | 5527 | 8596 | 13081 | 21754 |
| | 25 | 11152 | 21632 | 40416 | 85226 | 5765 | 8846 | 13379 | 22218 |
| 2 | 5 | 3959 | 13504 | 31456 | 74137 | 3012 | 6517 | 11321 | 20186 |
| | 10 | 5554 | 13504 | 31456 | 74137 | 3715 | 6517 | 11321 | 20186 |
| | 20 | 7300 | 16658 | 34734 | 77331 | 4408 | 7462 | 12092 | 20779 |
| | 25 | 7671 | 17593 | 35885 | 79691 | 4547 | 7732 | 12357 | 21213 |
| 3 | 5 | 7599 | 15590 | 31456 | 74137 | 4521 | 7149 | 11321 | 20186 |
| | 10 | 10693 | 20077 | 37471 | 76729 | 5613 | 8425 | 12719 | 20668 |
| | 20 | 13558 | 24397 | 43075 | 87578 | 6534 | 9572 | 13964 | 22639 |
| | 25 | 14473 | 25332 | 44587 | 90345 | 6814 | 9812 | 14291 | 23131 |
| 4 | 5 | 4572 | 13504 | 31456 | 74137 | 3292 | 6517 | 11321 | 20186 |
| | 10 | 6756 | 15021 | 31456 | 74137 | 4199 | 6980 | 11321 | 20186 |
| | 20 | 8760 | 18543 | 36752 | 79804 | 4945 | 8000 | 12556 | 21234 |
| | 25 | 9290 | 19474 | 37990 | 82260 | 5133 | 8259 | 12837 | 21682 |
| 5 | 5 | 4747 | 13504 | 31456 | 74137 | 3369 | 6517 | 11321 | 20186 |
| | 10 | 6990 | 15341 | 31754 | 74137 | 4289 | 7076 | 11392 | 20186 |
| | 20 | 9049 | 18913 | 37150 | 80292 | 5048 | 8104 | 12646 | 21323 |
| | 25 | 9610 | 19844 | 38405 | 82767 | 5244 | 8361 | 12930 | 21774 |
| 6 | 5 | 5585 | 13504 | 31456 | 74137 | 3728 | 6517 | 11321 | 20186 |
| | 10 | 8123 | 16901 | 33628 | 74137 | 4715 | 7533 | 11834 | 20186 |
| | 20 | 10449 | 20718 | 39091 | 82676 | 5531 | 8600 | 13084 | 21757 |
| | 25 | 11164 | 21646 | 40431 | 85245 | 5769 | 8850 | 13383 | 22221 |
| 7 | 5 | 5054 | 13504 | 31456 | 74137 | 3503 | 6517 | 11321 | 20186 |
| | 10 | 7402 | 15907 | 32433 | 74137 | 4446 | 7243 | 11553 | 20186 |
| | 20 | 9557 | 19567 | 37853 | 81154 | 5226 | 8285 | 12806 | 21481 |
| | 25 | 10174 | 20497 | 39139 | 83663 | 5438 | 8540 | 13095 | 21936 |
| 8 | 5 | 6199 | 13873 | 31456 | 74137 | 3978 | 6631 | 11321 | 20186 |
| | 10 | 8942 | 18047 | 35011 | 74137 | 5010 | 7861 | 12156 | 20186 |
| | 20 | 11475 | 22046 | 40525 | 84438 | 5871 | 8957 | 13404 | 22076 |
| | 25 | 12303 | 22973 | 41927 | 87078 | 6139 | 9202 | 13713 | 22550 |

TABLE 5.082 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5556500 Bureau Creek at Princeton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 809 | 2432 | 5471 | 12558 | 1157 | 2235 | 3680 | 6220 |
| Q7,10 | 10 | 809 | 2432 | 5471 | 12558 | 1157 | 2235 | 3680 | 6220 |
| 1 | 5 | 1054 | 2432 | 5471 | 12558 | 1353 | 2235 | 3680 | 6220 |
| | 10 | 1532 | 3149 | 5950 | 12558 | 1691 | 2617 | 3877 | 6220 |
| | 20 | 1899 | 3621 | 6722 | 13828 | 1924 | 2850 | 4185 | 6617 |
| | 25 | 2048 | 3842 | 6971 | 14236 | 2014 | 2956 | 4282 | 6743 |
| 2 | 5 | 809 | 2432 | 5471 | 12558 | 1157 | 2235 | 3680 | 6220 |
| | 10 | 1020 | 2510 | 5471 | 12558 | 1327 | 2278 | 3680 | 6220 |
| | 20 | 1295 | 2957 | 5946 | 13005 | 1530 | 2518 | 3876 | 6362 |
| | 25 | 1443 | 3143 | 6227 | 13402 | 1632 | 2613 | 3989 | 6486 |
| 3 | 5 | 2050 | 3489 | 6106 | 12558 | 2015 | 2786 | 3941 | 6220 |
| | 10 | 2770 | 4431 | 7283 | 13587 | 2419 | 3228 | 4401 | 6543 |
| | 20 | 3227 | 4957 | 8302 | 15509 | 2656 | 3461 | 4780 | 7125 |
| | 25 | 3427 | 5257 | 8483 | 15937 | 2755 | 3589 | 4846 | 7252 |
| 4 | 5 | 1062 | 2432 | 5471 | 12558 | 1359 | 2235 | 3680 | 6220 |
| | 10 | 1545 | 3166 | 5967 | 12558 | 1700 | 2625 | 3884 | 6220 |
| | 20 | 1915 | 3638 | 6743 | 13849 | 1934 | 2859 | 4193 | 6624 |
| | 25 | 2064 | 3861 | 6991 | 14258 | 2023 | 2965 | 4290 | 6749 |
| 5 | 5 | 940 | 2432 | 5471 | 12558 | 1264 | 2235 | 3680 | 6220 |
| | 10 | 1336 | 2901 | 5694 | 12558 | 1558 | 2488 | 3772 | 6220 |
| | 20 | 1664 | 3363 | 6420 | 13506 | 1777 | 2724 | 4066 | 6518 |
| | 25 | 1813 | 3570 | 6681 | 13911 | 1871 | 2826 | 4169 | 6643 |
| 6 | 5 | 1118 | 2499 | 5471 | 12558 | 1401 | 2272 | 3680 | 6220 |
| | 10 | 1642 | 3288 | 6092 | 12558 | 1763 | 2686 | 3935 | 6220 |
| | 20 | 2029 | 3764 | 6891 | 14007 | 2003 | 2919 | 4251 | 6672 |
| | 25 | 2179 | 3994 | 7133 | 14418 | 2091 | 3028 | 4344 | 6798 |
| 7 | 5 | 975 | 2432 | 5471 | 12558 | 1292 | 2235 | 3680 | 6220 |
| | 10 | 1394 | 2977 | 5772 | 12558 | 1598 | 2528 | 3805 | 6220 |
| | 20 | 1736 | 3442 | 6512 | 13604 | 1823 | 2763 | 4103 | 6548 |
| | 25 | 1885 | 3653 | 6770 | 14010 | 1915 | 2866 | 4204 | 6673 |
| 8 | 5 | 1156 | 2571 | 5471 | 12558 | 1429 | 2312 | 3680 | 6220 |
| | 10 | 1709 | 3371 | 6179 | 12558 | 1805 | 2728 | 3970 | 6220 |
| | 20 | 2108 | 3851 | 6994 | 14116 | 2049 | 2961 | 4291 | 6706 |
| | 25 | 2258 | 4086 | 7231 | 14528 | 2137 | 3070 | 4382 | 6831 |

TABLE 5.083 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5558500 Crow Creek (West) near Henry

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 419 | 938 | 1716 | 3613 | 787 | 1263 | 1810 | 2847 |
| Q7,10 | 10 | 419 | 938 | 1716 | 3613 | 787 | 1263 | 1810 | 2847 |
| 1 | 5 | 714 | 1210 | 1978 | 3613 | 1074 | 1469 | 1972 | 2847 |
| | 10 | 885 | 1358 | 2113 | 3614 | 1220 | 1573 | 2052 | 2847 |
| | 20 | 929 | 1404 | 2189 | 4423 | 1255 | 1605 | 2096 | 3225 |
| | 25 | 935 | 1411 | 2223 | 4869 | 1260 | 1610 | 2116 | 3422 |
| 2 | 5 | 523 | 968 | 1757 | 3613 | 895 | 1286 | 1836 | 2847 |
| | 10 | 634 | 1128 | 1890 | 3613 | 1002 | 1408 | 1919 | 2847 |
| | 20 | 681 | 1172 | 1951 | 3912 | 1046 | 1441 | 1956 | 2989 |
| | 25 | 686 | 1179 | 1972 | 4196 | 1050 | 1446 | 1969 | 3121 |
| 3 | 5 | 1063 | 1542 | 2289 | 3745 | 1360 | 1697 | 2154 | 2910 |
| | 10 | 1218 | 1674 | 2427 | 3939 | 1474 | 1783 | 2232 | 3002 |
| | 20 | 1263 | 1720 | 2528 | 5145 | 1506 | 1813 | 2288 | 3542 |
| | 25 | 1270 | 1730 | 2581 | 5744 | 1512 | 1819 | 2317 | 3793 |
| 4 | 5 | 659 | 1141 | 1914 | 3613 | 1025 | 1418 | 1933 | 2847 |
| | 10 | 813 | 1292 | 2049 | 3613 | 1160 | 1527 | 2014 | 2847 |
| | 20 | 858 | 1337 | 2120 | 4263 | 1198 | 1559 | 2057 | 3152 |
| | 25 | 863 | 1345 | 2151 | 4657 | 1202 | 1564 | 2074 | 3329 |
| 5 | 5 | 454 | 938 | 1716 | 3613 | 825 | 1263 | 1810 | 2847 |
| | 10 | 545 | 1047 | 1813 | 3613 | 917 | 1348 | 1871 | 2847 |
| | 20 | 593 | 1092 | 1868 | 3761 | 964 | 1381 | 1905 | 2917 |
| | 25 | 597 | 1098 | 1886 | 3995 | 967 | 1386 | 1916 | 3028 |
| 6 | 5 | 538 | 987 | 1774 | 3613 | 910 | 1301 | 1847 | 2847 |
| | 10 | 654 | 1146 | 1908 | 3613 | 1021 | 1422 | 1929 | 2847 |
| | 20 | 701 | 1190 | 1969 | 3947 | 1063 | 1454 | 1967 | 3006 |
| | 25 | 705 | 1197 | 1992 | 4242 | 1067 | 1459 | 1980 | 3142 |
| 7 | 5 | 458 | 938 | 1716 | 3613 | 829 | 1263 | 1810 | 2847 |
| | 10 | 550 | 1052 | 1817 | 3613 | 922 | 1351 | 1874 | 2847 |
| | 20 | 598 | 1096 | 1873 | 3769 | 968 | 1385 | 1908 | 2921 |
| | 25 | 602 | 1102 | 1890 | 4006 | 972 | 1389 | 1919 | 3033 |
| 8 | 5 | 568 | 1024 | 1808 | 3613 | 940 | 1330 | 1868 | 2847 |
| | 10 | 691 | 1181 | 1942 | 3613 | 1055 | 1448 | 1950 | 2847 |
| | 20 | 738 | 1226 | 2006 | 4018 | 1096 | 1480 | 1989 | 3039 |
| | 25 | 743 | 1233 | 2030 | 4334 | 1100 | 1485 | 2003 | 3184 |

TABLE 5.084 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5560500 Farm Creek at Farmdale

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 137 | 311 | 788 | 1915 | 413 | 663 | 1139 | 1934 |
| Q7,10 | 10 | 137 | 311 | 788 | 1915 | 413 | 663 | 1139 | 1934 |
| 1 | 5 | 336 | 466 | 788 | 1915 | 692 | 837 | 1139 | 1934 |
| | 10 | 404 | 587 | 989 | 1915 | 771 | 958 | 1303 | 1934 |
| | 20 | 524 | 788 | 1268 | 2507 | 897 | 1139 | 1510 | 2277 |
| | 25 | 567 | 849 | 1357 | 2927 | 938 | 1190 | 1573 | 2502 |
| 2 | 5 | 209 | 345 | 788 | 1915 | 526 | 703 | 1139 | 1934 |
| | 10 | 250 | 416 | 788 | 1915 | 583 | 784 | 1139 | 1934 |
| | 20 | 282 | 542 | 990 | 2136 | 625 | 915 | 1304 | 2066 |
| | 25 | 303 | 586 | 1068 | 2374 | 652 | 958 | 1363 | 2203 |
| 3 | 5 | 455 | 574 | 871 | 1915 | 826 | 945 | 1209 | 1934 |
| | 10 | 565 | 802 | 1239 | 2166 | 937 | 1151 | 1490 | 2084 |
| | 20 | 763 | 1039 | 1591 | 2920 | 1117 | 1341 | 1730 | 2498 |
| | 25 | 827 | 1118 | 1708 | 3484 | 1172 | 1401 | 1805 | 2784 |
| 4 | 5 | 270 | 404 | 788 | 1915 | 611 | 771 | 1139 | 1934 |
| | 10 | 324 | 490 | 866 | 1915 | 678 | 862 | 1205 | 1934 |
| | 20 | 396 | 658 | 1114 | 2305 | 762 | 1024 | 1398 | 2163 |
| | 25 | 428 | 712 | 1196 | 2629 | 796 | 1073 | 1459 | 2344 |
| 5 | 5 | 181 | 315 | 788 | 1915 | 485 | 668 | 1139 | 1934 |
| | 10 | 219 | 378 | 788 | 1915 | 541 | 742 | 1139 | 1934 |
| | 20 | 248 | 484 | 928 | 2052 | 581 | 856 | 1254 | 2016 |
| | 25 | 265 | 523 | 1004 | 2258 | 604 | 895 | 1314 | 2136 |
| 6 | 5 | 234 | 370 | 788 | 1915 | 562 | 732 | 1139 | 1934 |
| | 10 | 280 | 447 | 805 | 1915 | 623 | 817 | 1153 | 1934 |
| | 20 | 326 | 591 | 1042 | 2206 | 681 | 961 | 1344 | 2107 |
| | 25 | 352 | 639 | 1121 | 2480 | 711 | 1007 | 1403 | 2262 |
| 7 | 5 | 209 | 345 | 788 | 1915 | 526 | 703 | 1139 | 1934 |
| | 10 | 250 | 416 | 788 | 1915 | 583 | 784 | 1139 | 1934 |
| | 20 | 282 | 542 | 990 | 2136 | 625 | 915 | 1304 | 2066 |
| | 25 | 303 | 586 | 1068 | 2374 | 652 | 958 | 1363 | 2203 |
| 8 | 5 | 275 | 409 | 788 | 1915 | 617 | 776 | 1139 | 1934 |
| | 10 | 330 | 496 | 875 | 1915 | 685 | 868 | 1212 | 1934 |
| | 20 | 406 | 667 | 1124 | 2319 | 773 | 1033 | 1406 | 2171 |
| | 25 | 438 | 723 | 1207 | 2651 | 808 | 1082 | 1467 | 2355 |

TABLE 5.085 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5562000 Farm Creek at East Peoria

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 203 | 451 | 1427 | 3796 | 518 | 821 | 1621 | 2935 |
| Q7,10 | 10 | 203 | 451 | 1427 | 3796 | 518 | 821 | 1621 | 2935 |
| 1 | 5 | 512 | 752 | 1427 | 3796 | 885 | 1108 | 1621 | 2935 |
| | 10 | 693 | 1065 | 1971 | 4129 | 1056 | 1361 | 1968 | 3090 |
| | 20 | 958 | 1510 | 2613 | 5083 | 1278 | 1676 | 2335 | 3515 |
| | 25 | 1046 | 1659 | 2800 | 5403 | 1347 | 1774 | 2435 | 3651 |
| 2 | 5 | 297 | 512 | 1427 | 3796 | 645 | 885 | 1621 | 2935 |
| | 10 | 392 | 693 | 1427 | 3796 | 757 | 1056 | 1621 | 2935 |
| | 20 | 451 | 957 | 1939 | 4310 | 822 | 1277 | 1948 | 3173 |
| | 25 | 452 | 1045 | 2100 | 4589 | 822 | 1346 | 2045 | 3299 |
| 3 | 5 | 757 | 1067 | 1711 | 3796 | 1113 | 1363 | 1807 | 2935 |
| | 10 | 1074 | 1600 | 2620 | 4841 | 1368 | 1736 | 2339 | 3410 |
| | 20 | 1522 | 2168 | 3337 | 5820 | 1684 | 2085 | 2711 | 3824 |
| | 25 | 1671 | 2336 | 3564 | 6182 | 1782 | 2181 | 2823 | 3971 |
| 4 | 5 | 409 | 616 | 1427 | 3796 | 776 | 986 | 1621 | 2935 |
| | 10 | 546 | 839 | 1681 | 3796 | 919 | 1182 | 1788 | 2935 |
| | 20 | 711 | 1208 | 2270 | 4688 | 1072 | 1467 | 2143 | 3343 |
| | 25 | 757 | 1337 | 2440 | 4987 | 1112 | 1559 | 2240 | 3474 |
| 5 | 5 | 381 | 590 | 1427 | 3796 | 744 | 961 | 1621 | 2935 |
| | 10 | 507 | 801 | 1613 | 3796 | 879 | 1150 | 1744 | 2935 |
| | 20 | 645 | 1144 | 2185 | 4591 | 1012 | 1420 | 2094 | 3300 |
| | 25 | 678 | 1262 | 2353 | 4885 | 1043 | 1506 | 2191 | 3429 |
| 6 | 5 | 432 | 638 | 1427 | 3796 | 801 | 1006 | 1621 | 2935 |
| | 10 | 579 | 870 | 1728 | 3861 | 950 | 1207 | 1818 | 2965 |
| | 20 | 765 | 1261 | 2340 | 4768 | 1119 | 1505 | 2183 | 3378 |
| | 25 | 819 | 1399 | 2512 | 5071 | 1165 | 1602 | 2279 | 3510 |
| 7 | 5 | 340 | 552 | 1427 | 3796 | 698 | 924 | 1621 | 2935 |
| | 10 | 451 | 749 | 1517 | 3796 | 821 | 1105 | 1681 | 2935 |
| | 20 | 551 | 1053 | 2064 | 4453 | 923 | 1352 | 2024 | 3238 |
| | 25 | 568 | 1156 | 2230 | 4740 | 940 | 1429 | 2120 | 3366 |
| 8 | 5 | 424 | 630 | 1427 | 3796 | 792 | 999 | 1621 | 2935 |
| | 10 | 567 | 859 | 1717 | 3836 | 939 | 1198 | 1811 | 2953 |
| | 20 | 745 | 1242 | 2315 | 4739 | 1102 | 1492 | 2169 | 3365 |
| | 25 | 796 | 1377 | 2487 | 5041 | 1146 | 1587 | 2265 | 3497 |

TABLE 5.086 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5563000 Kickapoo Creek near Kickapoo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 548 | 1588 | 4635 | 0 | 920 | 1728 | 3320 |
| Q7,10 | 10 | 188 | 548 | 1588 | 4635 | 497 | 920 | 1728 | 3320 |
| 1 | 5 | 507 | 844 | 1711 | 4635 | 880 | 1186 | 1807 | 3320 |
| | 10 | 804 | 1326 | 2473 | 5270 | 1152 | 1551 | 2258 | 3595 |
| | 20 | 1043 | 1697 | 3015 | 6411 | 1345 | 1798 | 2547 | 4063 |
| | 25 | 1131 | 1802 | 3214 | 6740 | 1411 | 1865 | 2649 | 4192 |
| 2 | 5 | 230 | 548 | 1588 | 4635 | 556 | 920 | 1728 | 3320 |
| | 10 | 337 | 822 | 1807 | 4635 | 694 | 1168 | 1867 | 3320 |
| | 20 | 443 | 1067 | 2241 | 5393 | 813 | 1363 | 2127 | 3647 |
| | 25 | 533 | 1155 | 2387 | 5678 | 905 | 1429 | 2210 | 3766 |
| 3 | 5 | 1335 | 1925 | 3018 | 5526 | 1557 | 1940 | 2549 | 3703 |
| | 10 | 1998 | 2715 | 4039 | 7247 | 1984 | 2390 | 3049 | 4388 |
| | 20 | 2457 | 3330 | 4992 | 8653 | 2249 | 2707 | 3476 | 4907 |
| | 25 | 2621 | 3542 | 5265 | 9110 | 2339 | 2812 | 3593 | 5069 |
| 4 | 5 | 517 | 862 | 1735 | 4635 | 890 | 1201 | 1822 | 3320 |
| | 10 | 821 | 1351 | 2500 | 5305 | 1167 | 1568 | 2273 | 3610 |
| | 20 | 1066 | 1725 | 3050 | 6450 | 1362 | 1816 | 2565 | 4078 |
| | 25 | 1154 | 1832 | 3250 | 6782 | 1427 | 1883 | 2667 | 4209 |
| 5 | 5 | 314 | 600 | 1588 | 4635 | 666 | 971 | 1728 | 3320 |
| | 10 | 479 | 961 | 2007 | 4652 | 851 | 1281 | 1989 | 3327 |
| | 20 | 626 | 1250 | 2467 | 5703 | 995 | 1497 | 2254 | 3776 |
| | 25 | 716 | 1336 | 2631 | 5998 | 1077 | 1558 | 2344 | 3897 |
| 6 | 5 | 409 | 689 | 1588 | 4635 | 776 | 1052 | 1728 | 3320 |
| | 10 | 639 | 1110 | 2222 | 4942 | 1007 | 1395 | 2116 | 3454 |
| | 20 | 831 | 1444 | 2711 | 6040 | 1175 | 1632 | 2388 | 3914 |
| | 25 | 919 | 1534 | 2895 | 6345 | 1247 | 1693 | 2485 | 4036 |
| 7 | 5 | 387 | 668 | 1588 | 4635 | 751 | 1033 | 1728 | 3320 |
| | 10 | 602 | 1075 | 2171 | 4873 | 972 | 1369 | 2086 | 3424 |
| | 20 | 782 | 1397 | 2653 | 5960 | 1134 | 1600 | 2356 | 3881 |
| | 25 | 871 | 1487 | 2832 | 6262 | 1208 | 1661 | 2452 | 4003 |
| 8 | 5 | 531 | 888 | 1769 | 4635 | 904 | 1222 | 1843 | 3320 |
| | 10 | 845 | 1386 | 2538 | 5355 | 1187 | 1592 | 2294 | 3631 |
| | 20 | 1097 | 1765 | 3100 | 6506 | 1385 | 1841 | 2591 | 4101 |
| | 25 | 1185 | 1875 | 3302 | 6842 | 1451 | 1909 | 2694 | 4232 |

TABLE 5.087 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5563500 Kickapoo Creek at Peoria

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 1366 | 3936 | 11662 | 0 | 1578 | 3000 | 5932 |
| Q7,10 | 10 | 434 | 1366 | 3936 | 11662 | 803 | 1578 | 3000 | 5932 |
| 1 | 5 | 1392 | 2277 | 4192 | 11662 | 1597 | 2147 | 3119 | 5932 |
| | 10 | 1985 | 3238 | 6005 | 13436 | 1976 | 2662 | 3900 | 6496 |
| | 20 | 2594 | 4241 | 7693 | 16244 | 2324 | 3142 | 4556 | 7342 |
| | 25 | 2811 | 4499 | 8148 | 17055 | 2441 | 3259 | 4724 | 7577 |
| 2 | 5 | 581 | 1425 | 3936 | 11662 | 953 | 1619 | 3000 | 5932 |
| | 10 | 847 | 2031 | 4359 | 11662 | 1189 | 2004 | 3196 | 5932 |
| | 20 | 1106 | 2654 | 5670 | 13729 | 1392 | 2357 | 3762 | 6587 |
| | 25 | 1330 | 2871 | 6026 | 14352 | 1553 | 2473 | 3908 | 6778 |
| 3 | 5 | 3664 | 5135 | 7894 | 14540 | 2871 | 3537 | 4630 | 6835 |
| | 10 | 5269 | 7264 | 10964 | 19100 | 3594 | 4394 | 5703 | 8156 |
| | 20 | 6824 | 9252 | 13501 | 22850 | 4225 | 5119 | 6516 | 9169 |
| | 25 | 7265 | 9699 | 14108 | 23683 | 4395 | 5275 | 6703 | 9387 |
| 4 | 5 | 1539 | 2477 | 4468 | 11662 | 1696 | 2260 | 3245 | 5932 |
| | 10 | 2193 | 3527 | 6383 | 13873 | 2099 | 2805 | 4052 | 6631 |
| | 20 | 2870 | 4610 | 8150 | 16734 | 2472 | 3308 | 4725 | 7485 |
| | 25 | 3087 | 4892 | 8603 | 17581 | 2585 | 3432 | 4889 | 7728 |
| 5 | 5 | 744 | 1589 | 3936 | 11662 | 1101 | 1728 | 3000 | 5932 |
| | 10 | 1078 | 2263 | 4678 | 11662 | 1371 | 2140 | 3339 | 5932 |
| | 20 | 1409 | 2963 | 6075 | 14252 | 1608 | 2520 | 3928 | 6747 |
| | 25 | 1634 | 3181 | 6460 | 14915 | 1758 | 2632 | 4082 | 6948 |
| 6 | 5 | 1084 | 1898 | 3936 | 11662 | 1376 | 1924 | 3000 | 5932 |
| | 10 | 1554 | 2705 | 5289 | 12552 | 1705 | 2384 | 3603 | 6218 |
| | 20 | 2026 | 3544 | 6849 | 15256 | 2001 | 2813 | 4235 | 7050 |
| | 25 | 2245 | 3765 | 7292 | 15993 | 2129 | 2920 | 4405 | 7268 |
| 7 | 5 | 1033 | 1851 | 3936 | 11662 | 1337 | 1894 | 3000 | 5932 |
| | 10 | 1482 | 2638 | 5195 | 12413 | 1658 | 2348 | 3563 | 6174 |
| | 20 | 1933 | 3454 | 6731 | 15102 | 1945 | 2769 | 4189 | 7004 |
| | 25 | 2152 | 3675 | 7165 | 15828 | 2075 | 2877 | 4356 | 7220 |
| 8 | 5 | 1404 | 2292 | 4213 | 11662 | 1605 | 2156 | 3129 | 5932 |
| | 10 | 2001 | 3261 | 6034 | 13470 | 1986 | 2673 | 3912 | 6507 |
| | 20 | 2615 | 4270 | 7728 | 16282 | 2336 | 3155 | 4569 | 7353 |
| | 25 | 2832 | 4529 | 8183 | 17095 | 2452 | 3272 | 4737 | 7589 |

TABLE 5.088 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5567500 Mackinaw River near Congerville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 3061 | 8706 | 19017 | 43504 | 2571 | 4926 | 8133 | 14057 |
| Q7,10 | 10 | 3061 | 8706 | 19017 | 43504 | 2571 | 4926 | 8133 | 14057 |
| 1 | 5 | 4419 | 9010 | 19017 | 43504 | 3223 | 5034 | 8133 | 14057 |
| | 10 | 6481 | 11689 | 20912 | 43504 | 4090 | 5941 | 8652 | 14057 |
| | 20 | 7587 | 13647 | 24563 | 48788 | 4516 | 6561 | 9615 | 15185 |
| | 25 | 8101 | 14254 | 25468 | 51305 | 4707 | 6748 | 9846 | 15710 |
| 2 | 5 | 3078 | 8706 | 19017 | 43504 | 2580 | 4926 | 8133 | 14057 |
| | 10 | 4507 | 9347 | 19017 | 43504 | 3262 | 5153 | 8133 | 14057 |
| | 20 | 5379 | 10912 | 21427 | 45342 | 3641 | 5686 | 8791 | 14454 |
| | 25 | 5651 | 11497 | 22214 | 47417 | 3755 | 5879 | 9001 | 14896 |
| 3 | 5 | 7077 | 11721 | 20328 | 43504 | 4323 | 5952 | 8494 | 14057 |
| | 10 | 9515 | 14734 | 24365 | 46827 | 5211 | 6893 | 9564 | 14771 |
| | 20 | 11109 | 17204 | 28682 | 53125 | 5751 | 7620 | 10649 | 16085 |
| | 25 | 11695 | 17855 | 29731 | 56463 | 5943 | 7806 | 10905 | 16763 |
| 4 | 5 | 3973 | 8706 | 19017 | 43504 | 3018 | 4926 | 8133 | 14057 |
| | 10 | 5820 | 10901 | 20024 | 43504 | 3824 | 5682 | 8411 | 14057 |
| | 20 | 6849 | 12727 | 23504 | 47636 | 4235 | 6274 | 9340 | 14942 |
| | 25 | 7281 | 13325 | 24370 | 49989 | 4401 | 6462 | 9565 | 15436 |
| 5 | 5 | 3691 | 8706 | 19017 | 43504 | 2884 | 4926 | 8133 | 14057 |
| | 10 | 5404 | 10408 | 19470 | 43504 | 3652 | 5517 | 8259 | 14057 |
| | 20 | 6385 | 12151 | 22844 | 46905 | 4052 | 6090 | 9167 | 14787 |
| | 25 | 6767 | 12745 | 23685 | 49171 | 4203 | 6280 | 9387 | 15265 |
| 6 | 5 | 4396 | 8974 | 19017 | 43504 | 3213 | 5021 | 8133 | 14057 |
| | 10 | 6448 | 11649 | 20868 | 43504 | 4077 | 5928 | 8641 | 14057 |
| | 20 | 7550 | 13601 | 24510 | 48732 | 4502 | 6547 | 9601 | 15173 |
| | 25 | 8060 | 14207 | 25413 | 51239 | 4692 | 6734 | 9832 | 15696 |
| 7 | 5 | 4038 | 8706 | 19017 | 43504 | 3048 | 4926 | 8133 | 14057 |
| | 10 | 5917 | 11016 | 20154 | 43504 | 3864 | 5720 | 8446 | 14057 |
| | 20 | 6957 | 12861 | 23658 | 47807 | 4276 | 6316 | 9381 | 14978 |
| | 25 | 7401 | 13460 | 24530 | 50180 | 4446 | 6504 | 9606 | 15476 |
| 8 | 5 | 5059 | 9824 | 19017 | 43504 | 3505 | 5318 | 8133 | 14057 |
| | 10 | 7312 | 12600 | 21943 | 43942 | 4412 | 6234 | 8929 | 14152 |
| | 20 | 8534 | 14712 | 25793 | 50082 | 4864 | 6887 | 9929 | 15456 |
| | 25 | 9090 | 15331 | 26741 | 52844 | 5063 | 7072 | 10168 | 16027 |

TABLE 5.089 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5568000 Mackinaw River near Green Valley

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 4100 | 14217 | 42186 | 0 | 3077 | 6737 | 13770 |
| Q7,10 | 10 | 4202 | 9030 | 18779 | 44144 | 3124 | 5041 | 8066 | 14196 |
| 1 | 5 | 7674 | 12578 | 22158 | 45887 | 4549 | 6227 | 8986 | 14570 |
| | 10 | 12775 | 18849 | 30882 | 59195 | 6289 | 8086 | 11183 | 17310 |
| | 20 | 16504 | 24192 | 38291 | 69417 | 7418 | 9519 | 12904 | 19297 |
| | 25 | 17464 | 25457 | 39809 | 72510 | 7695 | 9843 | 13244 | 19882 |
| 2 | 5 | 2739 | 5326 | 14217 | 42186 | 2402 | 3619 | 6737 | 13770 |
| | 10 | 4964 | 9733 | 19687 | 45366 | 3464 | 5287 | 8318 | 14459 |
| | 20 | 6668 | 12633 | 25151 | 54220 | 4164 | 6244 | 9765 | 16309 |
| | 25 | 7466 | 13424 | 26578 | 57048 | 4470 | 6492 | 10127 | 16881 |
| 3 | 5 | 11431 | 16831 | 27108 | 51631 | 5857 | 7513 | 10259 | 15777 |
| | 10 | 17425 | 24101 | 36919 | 65924 | 7684 | 9496 | 12594 | 18628 |
| | 20 | 22389 | 30454 | 45008 | 77512 | 9047 | 11080 | 14382 | 20813 |
| | 25 | 23663 | 31944 | 46952 | 80660 | 9382 | 11437 | 14797 | 21391 |
| 4 | 5 | 3755 | 6921 | 15370 | 42186 | 2915 | 4263 | 7084 | 13770 |
| | 10 | 6810 | 11860 | 22351 | 48699 | 4219 | 5997 | 9037 | 15166 |
| | 20 | 8970 | 15349 | 28318 | 57868 | 5020 | 7078 | 10559 | 17045 |
| | 25 | 9754 | 16247 | 29802 | 60847 | 5294 | 7343 | 10923 | 17637 |
| 5 | 5 | 5048 | 9483 | 18405 | 42186 | 3500 | 5200 | 7961 | 13770 |
| | 10 | 9216 | 14992 | 26100 | 53371 | 5107 | 6971 | 10006 | 16135 |
| | 20 | 11977 | 19308 | 32763 | 63001 | 6034 | 8214 | 11631 | 18060 |
| | 25 | 12765 | 20418 | 34259 | 66042 | 6286 | 8518 | 11981 | 18650 |
| 6 | 5 | 6670 | 11626 | 21007 | 44402 | 4165 | 5921 | 8678 | 14251 |
| | 10 | 11557 | 17667 | 29414 | 57405 | 5898 | 7753 | 10828 | 16953 |
| | 20 | 14965 | 22695 | 36593 | 67443 | 6963 | 9128 | 12519 | 18920 |
| | 25 | 15843 | 23986 | 38103 | 70523 | 7224 | 9466 | 12862 | 19507 |
| 7 | 5 | 4923 | 9236 | 18110 | 42186 | 3446 | 5114 | 7878 | 13770 |
| | 10 | 8984 | 14688 | 25725 | 52915 | 5025 | 6880 | 9912 | 16042 |
| | 20 | 11683 | 18924 | 32330 | 62499 | 5939 | 8107 | 11528 | 17962 |
| | 25 | 12471 | 20013 | 33825 | 65535 | 6193 | 8408 | 11880 | 18553 |
| 8 | 5 | 6642 | 11600 | 20976 | 44361 | 4154 | 5912 | 8670 | 14243 |
| | 10 | 11523 | 17635 | 29373 | 57356 | 5887 | 7743 | 10818 | 16943 |
| | 20 | 14923 | 22654 | 36546 | 67389 | 6950 | 9117 | 12509 | 18909 |
| | 25 | 15798 | 23943 | 38056 | 70468 | 7211 | 9454 | 12852 | 19496 |

TABLE 5.091 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5568800 Indian Creek near Wyoming

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 300 | 944 | 2685 | 0 | 649 | 1267 | 2374 |
| Q7,10 | 10 | 85 | 300 | 944 | 2685 | 316 | 649 | 1267 | 2374 |
| 1 | 5 | 947 | 1346 | 2008 | 3527 | 1270 | 1565 | 1990 | 2805 |
| | 10 | 1387 | 1826 | 2656 | 4483 | 1593 | 1879 | 2358 | 3252 |
| | 20 | 1694 | 2236 | 3168 | 5307 | 1796 | 2124 | 2626 | 3611 |
| | 25 | 1787 | 2355 | 3334 | 5527 | 1855 | 2192 | 2709 | 3703 |
| 2 | 5 | 354 | 594 | 1133 | 2685 | 714 | 965 | 1412 | 2374 |
| | 10 | 542 | 893 | 1595 | 3257 | 914 | 1226 | 1732 | 2671 |
| | 20 | 725 | 1148 | 1946 | 3858 | 1085 | 1423 | 1953 | 2964 |
| | 25 | 771 | 1211 | 2051 | 4034 | 1125 | 1469 | 2016 | 3046 |
| 3 | 5 | 1641 | 2046 | 2802 | 4436 | 1762 | 2013 | 2436 | 3231 |
| | 10 | 2178 | 2705 | 3596 | 5461 | 2090 | 2385 | 2838 | 3675 |
| | 20 | 2651 | 3221 | 4257 | 6420 | 2355 | 2653 | 3149 | 4067 |
| | 25 | 2792 | 3390 | 4439 | 7120 | 2431 | 2737 | 3232 | 4339 |
| 4 | 5 | 558 | 844 | 1479 | 2918 | 930 | 1186 | 1656 | 2497 |
| | 10 | 842 | 1251 | 1976 | 3728 | 1184 | 1498 | 1971 | 2902 |
| | 20 | 1091 | 1547 | 2418 | 4406 | 1381 | 1701 | 2227 | 3217 |
| | 25 | 1151 | 1632 | 2547 | 4595 | 1425 | 1756 | 2299 | 3302 |
| 5 | 5 | 298 | 500 | 1005 | 2685 | 646 | 873 | 1315 | 2374 |
| | 10 | 454 | 761 | 1452 | 3085 | 824 | 1115 | 1638 | 2583 |
| | 20 | 604 | 1001 | 1773 | 3648 | 974 | 1312 | 1846 | 2863 |
| | 25 | 651 | 1056 | 1869 | 3828 | 1018 | 1354 | 1906 | 2950 |
| 6 | 5 | 455 | 746 | 1343 | 2755 | 826 | 1103 | 1563 | 2411 |
| | 10 | 699 | 1111 | 1823 | 3542 | 1061 | 1396 | 1877 | 2812 |
| | 20 | 931 | 1390 | 2232 | 4196 | 1257 | 1596 | 2122 | 3121 |
| | 25 | 982 | 1467 | 2352 | 4375 | 1297 | 1648 | 2190 | 3203 |
| 7 | 5 | 322 | 540 | 1059 | 2685 | 675 | 912 | 1356 | 2374 |
| | 10 | 491 | 816 | 1511 | 3156 | 863 | 1163 | 1677 | 2620 |
| | 20 | 655 | 1062 | 1845 | 3735 | 1021 | 1359 | 1891 | 2905 |
| | 25 | 702 | 1121 | 1945 | 3914 | 1064 | 1403 | 1952 | 2990 |
| 8 | 5 | 540 | 827 | 1455 | 2889 | 912 | 1172 | 1639 | 2482 |
| | 10 | 816 | 1226 | 1949 | 3694 | 1163 | 1480 | 1954 | 2886 |
| | 20 | 1062 | 1519 | 2385 | 4369 | 1359 | 1682 | 2208 | 3200 |
| | 25 | 1121 | 1602 | 2512 | 4556 | 1403 | 1737 | 2279 | 3284 |

TABLE 5.092 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5569500 Spoon River at London Mills

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 5014 | 17937 | 50923 | 0 | 3485 | 7829 | 15631 |
| Q7,10 | 10 | 1862 | 5866 | 17937 | 50923 | 1901 | 3843 | 7829 | 15631 |
| 1 | 5 | 6930 | 12402 | 23373 | 50923 | 4266 | 6171 | 9306 | 15631 |
| | 10 | 10932 | 18563 | 32815 | 64633 | 5693 | 8006 | 11643 | 18378 |
| | 20 | 14895 | 23752 | 39851 | 75480 | 6942 | 9405 | 13254 | 20437 |
| | 25 | 16393 | 25417 | 41874 | 78744 | 7385 | 9833 | 13701 | 21040 |
| 2 | 5 | 2703 | 6172 | 17937 | 50923 | 2383 | 3967 | 7829 | 15631 |
| | 10 | 4321 | 9740 | 22094 | 52705 | 3179 | 5289 | 8969 | 15999 |
| | 20 | 6664 | 13380 | 27838 | 61426 | 4163 | 6479 | 10441 | 17751 |
| | 25 | 6925 | 14650 | 29493 | 63905 | 4264 | 6868 | 10847 | 18236 |
| 3 | 5 | 16826 | 24034 | 36955 | 65779 | 7511 | 9478 | 12602 | 18600 |
| | 10 | 24562 | 33629 | 49351 | 82955 | 9614 | 11834 | 15303 | 21808 |
| | 20 | 30807 | 40738 | 57661 | 97140 | 11165 | 13451 | 17004 | 24322 |
| | 25 | 32455 | 42804 | 60121 | 101248 | 11558 | 13905 | 17494 | 25031 |
| 4 | 5 | 5775 | 10329 | 20852 | 50923 | 3806 | 5490 | 8636 | 15631 |
| | 10 | 9117 | 15687 | 29603 | 61018 | 5072 | 7178 | 10874 | 17671 |
| | 20 | 12590 | 20526 | 36354 | 71369 | 6231 | 8548 | 12465 | 19667 |
| | 25 | 13741 | 22205 | 38211 | 74307 | 6591 | 8999 | 12886 | 20218 |
| 5 | 5 | 4176 | 7505 | 17937 | 50923 | 3112 | 4485 | 7829 | 15631 |
| | 10 | 6614 | 11851 | 25280 | 56156 | 4143 | 5994 | 9798 | 16701 |
| | 20 | 9476 | 16065 | 31640 | 65855 | 5198 | 7289 | 11364 | 18614 |
| | 25 | 10158 | 17741 | 33286 | 68358 | 5432 | 7774 | 11754 | 19095 |
| 6 | 5 | 5939 | 10628 | 21222 | 50923 | 3873 | 5591 | 8736 | 15631 |
| | 10 | 9375 | 16095 | 30057 | 61529 | 5162 | 7298 | 10984 | 17772 |
| | 20 | 12917 | 20998 | 36849 | 71950 | 6334 | 8676 | 12578 | 19776 |
| | 25 | 14118 | 22675 | 38729 | 74935 | 6706 | 9123 | 13003 | 20335 |
| 7 | 5 | 4964 | 8854 | 19036 | 50923 | 3464 | 4979 | 8138 | 15631 |
| | 10 | 7844 | 13673 | 27373 | 58515 | 4612 | 6570 | 10326 | 17175 |
| | 20 | 11010 | 18207 | 33929 | 68528 | 5718 | 7906 | 11904 | 19127 |
| | 25 | 11920 | 19897 | 35671 | 71234 | 6016 | 8376 | 12308 | 19641 |
| 8 | 5 | 7053 | 12626 | 23652 | 50923 | 4313 | 6242 | 9379 | 15631 |
| | 10 | 11125 | 18870 | 33158 | 65021 | 5757 | 8092 | 11724 | 18453 |
| | 20 | 15141 | 24106 | 40225 | 75921 | 7016 | 9497 | 13337 | 20518 |
| | 25 | 16676 | 25770 | 42266 | 79219 | 7468 | 9923 | 13787 | 21127 |

TABLE 5.093 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5570000 Spoon River at Seville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 6130 | 23870 | 73765 | 0 | 3950 | 9436 | 20117 |
| Q7,10 | 10 | 3225 | 8823 | 23870 | 73765 | 2655 | 4968 | 9436 | 20117 |
| 1 | 5 | 11112 | 18877 | 35208 | 75774 | 5752 | 8094 | 12201 | 20491 |
| | 10 | 17009 | 28390 | 49500 | 97759 | 7564 | 10577 | 15334 | 24429 |
| | 20 | 23959 | 37104 | 60737 | 116238 | 9459 | 12636 | 17616 | 27557 |
| | 25 | 25412 | 39252 | 64828 | 121343 | 9832 | 13120 | 18416 | 28397 |
| 2 | 5 | 4693 | 9069 | 23870 | 73765 | 3345 | 5055 | 9436 | 20117 |
| | 10 | 7239 | 13929 | 31517 | 76797 | 4384 | 6649 | 11335 | 20681 |
| | 20 | 10185 | 19835 | 40743 | 91531 | 5442 | 8359 | 13452 | 23340 |
| | 25 | 10517 | 20976 | 43082 | 96435 | 5554 | 8670 | 13965 | 24199 |
| 3 | 5 | 30921 | 41637 | 61202 | 106124 | 11193 | 13649 | 17707 | 25863 |
| | 10 | 44042 | 57462 | 81310 | 134483 | 14174 | 16964 | 21509 | 30518 |
| | 20 | 54777 | 69488 | 96827 | 160198 | 16422 | 19310 | 24267 | 34522 |
| | 25 | 58297 | 74363 | 101758 | 166734 | 17131 | 20228 | 25118 | 35512 |
| 4 | 5 | 9617 | 16948 | 32564 | 73765 | 5247 | 7546 | 11584 | 20117 |
| | 10 | 14779 | 25501 | 46054 | 93663 | 6907 | 9854 | 14606 | 23715 |
| | 20 | 21077 | 33891 | 56973 | 111607 | 8697 | 11895 | 16866 | 26786 |
| | 25 | 22327 | 35865 | 60703 | 116684 | 9031 | 12353 | 17609 | 27630 |
| 5 | 5 | 5793 | 10084 | 23870 | 73765 | 3813 | 5407 | 9436 | 20117 |
| | 10 | 8904 | 15503 | 34210 | 80215 | 4996 | 7124 | 11970 | 21309 |
| | 20 | 12603 | 22136 | 43873 | 95565 | 6235 | 8980 | 14137 | 24048 |
| | 25 | 13125 | 23481 | 46376 | 100486 | 6399 | 9334 | 14675 | 24900 |
| 6 | 5 | 8359 | 14636 | 29277 | 73765 | 4801 | 6864 | 10795 | 20117 |
| | 10 | 12833 | 22115 | 42031 | 88895 | 6307 | 8975 | 13736 | 22874 |
| | 20 | 18278 | 29949 | 52582 | 106221 | 7926 | 10958 | 15973 | 25879 |
| | 25 | 19279 | 31716 | 55893 | 111256 | 8206 | 11383 | 16648 | 26727 |
| 7 | 5 | 6855 | 11862 | 25378 | 73765 | 4237 | 5997 | 9823 | 20117 |
| | 10 | 10529 | 18117 | 37259 | 83264 | 5558 | 7880 | 12671 | 21864 |
| | 20 | 14930 | 25247 | 47381 | 99869 | 6952 | 9790 | 14888 | 24794 |
| | 25 | 15646 | 26768 | 50197 | 104838 | 7166 | 10175 | 15480 | 25644 |
| 8 | 5 | 9685 | 17073 | 32740 | 73765 | 5270 | 7583 | 11625 | 20117 |
| | 10 | 14884 | 25684 | 46273 | 93922 | 6939 | 9901 | 14653 | 23761 |
| | 20 | 21231 | 34104 | 57212 | 111900 | 8739 | 11945 | 16914 | 26835 |
| | 25 | 22495 | 36090 | 60965 | 116980 | 9076 | 12404 | 17660 | 27679 |

TABLE 5.094 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5571000 Sangamon River at Mahomet

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1815 | 4922 | 11312 | 25786 | 1872 | 3446 | 5818 | 9927 |
| Q7,10 | 10 | 1815 | 4922 | 11312 | 25786 | 1872 | 3446 | 5818 | 9927 |
| 1 | 5 | 3118 | 5756 | 11312 | 25786 | 2600 | 3798 | 5818 | 9927 |
| | 10 | 4228 | 7400 | 13112 | 26194 | 3136 | 4446 | 6395 | 10030 |
| | 20 | 5034 | 8785 | 15460 | 29678 | 3494 | 4954 | 7111 | 10892 |
| | 25 | 5332 | 9216 | 16099 | 30665 | 3621 | 5107 | 7299 | 11131 |
| 2 | 5 | 1978 | 4922 | 11312 | 25786 | 1972 | 3446 | 5818 | 9927 |
| | 10 | 2731 | 5667 | 11312 | 25786 | 2398 | 3761 | 5818 | 9927 |
| | 20 | 3300 | 6740 | 13136 | 27609 | 2692 | 4192 | 6403 | 10384 |
| | 25 | 3558 | 7095 | 13721 | 28449 | 2820 | 4330 | 6584 | 10592 |
| 3 | 5 | 3976 | 6566 | 11425 | 25786 | 3019 | 4124 | 5855 | 9927 |
| | 10 | 5244 | 8380 | 14243 | 27171 | 3584 | 4808 | 6744 | 10275 |
| | 20 | 6241 | 9892 | 16785 | 31100 | 3995 | 5342 | 7499 | 11236 |
| | 25 | 6580 | 10375 | 17452 | 32177 | 4129 | 5506 | 7691 | 11492 |
| 4 | 5 | 2284 | 4922 | 11312 | 25786 | 2151 | 3446 | 5818 | 9927 |
| | 10 | 3151 | 6169 | 11697 | 25786 | 2618 | 3966 | 5944 | 9927 |
| | 20 | 3782 | 7335 | 13805 | 28325 | 2927 | 4421 | 6610 | 10561 |
| | 25 | 4047 | 7708 | 14406 | 28782 | 3052 | 4561 | 6794 | 10674 |
| 5 | 5 | 2005 | 4922 | 11312 | 25786 | 1988 | 3446 | 5818 | 9927 |
| | 10 | 2768 | 5711 | 11312 | 25786 | 2418 | 3780 | 5818 | 9927 |
| | 20 | 3342 | 6792 | 13194 | 27671 | 2714 | 4213 | 6421 | 10400 |
| | 25 | 3601 | 7149 | 13781 | 28516 | 2841 | 4350 | 6603 | 10608 |
| 6 | 5 | 2576 | 5139 | 11312 | 25786 | 2314 | 3539 | 5818 | 9927 |
| | 10 | 3547 | 6655 | 12255 | 25786 | 2814 | 4159 | 6124 | 9927 |
| | 20 | 4244 | 7910 | 14456 | 28603 | 3143 | 4636 | 6809 | 10630 |
| | 25 | 4509 | 8303 | 15073 | 29523 | 3263 | 4780 | 6995 | 10855 |
| 7 | 5 | 2344 | 4922 | 11312 | 25786 | 2185 | 3446 | 5818 | 9927 |
| | 10 | 3232 | 6268 | 11810 | 25786 | 2658 | 4006 | 5981 | 9927 |
| | 20 | 3876 | 7452 | 13938 | 28467 | 2972 | 4465 | 6651 | 10596 |
| | 25 | 4143 | 7829 | 14542 | 28933 | 3097 | 4606 | 6835 | 10711 |
| 8 | 5 | 3208 | 5840 | 11312 | 25786 | 2646 | 3833 | 5818 | 9927 |
| | 10 | 4335 | 7502 | 13229 | 26332 | 3185 | 4484 | 6432 | 10065 |
| | 20 | 5159 | 8904 | 15597 | 29825 | 3548 | 4996 | 7151 | 10928 |
| | 25 | 5462 | 9341 | 16239 | 30821 | 3676 | 5151 | 7340 | 11169 |

TABLE 5.095 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5572000 Sangamon River at Monticello

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1840 | 6271 | 15352 | 36698 | 1888 | 4007 | 7079 | 12543 |
| Q7,10 | 10 | 2028 | 6271 | 15352 | 36698 | 2002 | 4007 | 7079 | 12543 |
| 1 | 5 | 4090 | 7918 | 15352 | 36698 | 3072 | 4639 | 7079 | 12543 |
| | 10 | 6269 | 10650 | 18800 | 38200 | 4006 | 5599 | 8072 | 12884 |
| | 20 | 7269 | 12529 | 22105 | 43268 | 4396 | 6211 | 8972 | 14006 |
| | 25 | 7699 | 13193 | 23125 | 44260 | 4558 | 6420 | 9241 | 14221 |
| 2 | 5 | 2416 | 6271 | 15352 | 36698 | 2226 | 4007 | 7079 | 12543 |
| | 10 | 3767 | 7916 | 15608 | 36698 | 2920 | 4638 | 7155 | 12543 |
| | 20 | 4457 | 9264 | 18361 | 39787 | 3240 | 5123 | 7949 | 13240 |
| | 25 | 4709 | 9768 | 19268 | 40803 | 3352 | 5299 | 8202 | 13465 |
| 3 | 5 | 6355 | 10188 | 17233 | 36698 | 4041 | 5443 | 7629 | 12543 |
| | 10 | 8850 | 13325 | 21889 | 41276 | 4977 | 6462 | 8915 | 13570 |
| | 20 | 10389 | 15623 | 25709 | 47129 | 5511 | 7159 | 9908 | 14835 |
| | 25 | 10936 | 16444 | 26796 | 48186 | 5694 | 7400 | 10181 | 15058 |
| 4 | 5 | 2917 | 6659 | 15352 | 36698 | 2497 | 4160 | 7079 | 12543 |
| | 10 | 4821 | 9198 | 17104 | 36698 | 3402 | 5100 | 7592 | 12543 |
| | 20 | 5589 | 10803 | 20114 | 41704 | 3729 | 5650 | 8435 | 13664 |
| | 25 | 5942 | 11372 | 21074 | 42711 | 3874 | 5838 | 8696 | 13884 |
| 5 | 5 | 2749 | 6283 | 15352 | 36698 | 2408 | 4012 | 7079 | 12543 |
| | 10 | 4467 | 8767 | 16601 | 36698 | 3245 | 4947 | 7446 | 12543 |
| | 20 | 5211 | 10290 | 19524 | 41058 | 3570 | 5477 | 8273 | 13522 |
| | 25 | 5531 | 10833 | 20466 | 42069 | 3705 | 5659 | 8532 | 13744 |
| 6 | 5 | 3481 | 7350 | 15352 | 36698 | 2782 | 4427 | 7079 | 12543 |
| | 10 | 5582 | 9995 | 18034 | 37284 | 3726 | 5377 | 7857 | 12677 |
| | 20 | 6459 | 11751 | 21205 | 42902 | 4082 | 5961 | 8732 | 13926 |
| | 25 | 6846 | 12371 | 22198 | 43279 | 4233 | 6161 | 8997 | 14008 |
| 7 | 5 | 3021 | 6890 | 15352 | 36698 | 2551 | 4250 | 7079 | 12543 |
| | 10 | 5039 | 9464 | 17415 | 36698 | 3496 | 5194 | 7681 | 12543 |
| | 20 | 5821 | 11120 | 20478 | 42104 | 3825 | 5755 | 8535 | 13751 |
| | 25 | 6195 | 11705 | 21449 | 43109 | 3976 | 5947 | 8797 | 13971 |
| 8 | 5 | 4599 | 8394 | 15352 | 36698 | 3303 | 4814 | 7079 | 12543 |
| | 10 | 6830 | 11202 | 19444 | 38974 | 4227 | 5782 | 8251 | 13058 |
| | 20 | 7959 | 13184 | 22863 | 44100 | 4654 | 6418 | 9173 | 14186 |
| | 25 | 8414 | 13886 | 23905 | 45089 | 4821 | 6635 | 9445 | 14399 |

TABLE 5.096 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5574500 Flat Branch near Taylorville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| Q7,10 | 10 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| 1 | 5 | 3776 | 6355 | 11492 | 26964 | 2925 | 4041 | 5877 | 10224 |
| | 10 | 4387 | 6657 | 11492 | 26964 | 3209 | 4160 | 5877 | 10224 |
| | 20 | 5005 | 7809 | 12799 | 26964 | 3481 | 4599 | 6297 | 10224 |
| | 25 | 5333 | 8243 | 13396 | 30312 | 3622 | 4759 | 6484 | 11046 |
| 2 | 5 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| | 10 | 3769 | 6355 | 11492 | 26964 | 2921 | 4041 | 5877 | 10224 |
| | 20 | 4245 | 6901 | 11877 | 26964 | 3144 | 4255 | 6002 | 10224 |
| | 25 | 4521 | 7307 | 12447 | 28375 | 3268 | 4410 | 6185 | 10574 |
| 3 | 5 | 5101 | 7075 | 11492 | 26964 | 3523 | 4322 | 5877 | 10224 |
| | 10 | 6126 | 8524 | 12876 | 26964 | 3949 | 4861 | 6321 | 10224 |
| | 20 | 7153 | 10098 | 15208 | 30246 | 4352 | 5412 | 7036 | 11030 |
| | 25 | 7566 | 10613 | 15875 | 35399 | 4508 | 5586 | 7234 | 12246 |
| 4 | 5 | 3910 | 6355 | 11492 | 26964 | 2988 | 4041 | 5877 | 10224 |
| | 10 | 4577 | 6888 | 11492 | 26964 | 3294 | 4250 | 5877 | 10224 |
| | 20 | 5237 | 8095 | 13092 | 26964 | 3581 | 4705 | 6389 | 10224 |
| | 25 | 5560 | 8539 | 13697 | 30926 | 3717 | 4866 | 6577 | 11194 |
| 5 | 5 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| | 10 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| | 20 | 3916 | 6515 | 11492 | 26964 | 2991 | 4104 | 5877 | 10224 |
| | 25 | 4167 | 6909 | 12046 | 28093 | 3108 | 4258 | 6057 | 10504 |
| 6 | 5 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| | 10 | 4176 | 6399 | 11492 | 26964 | 3112 | 4058 | 5877 | 10224 |
| | 20 | 4744 | 7491 | 12475 | 26964 | 3368 | 4480 | 6194 | 10224 |
| | 25 | 5058 | 7915 | 13063 | 29630 | 3504 | 4638 | 6380 | 10881 |
| 7 | 5 | 3670 | 6355 | 11492 | 26964 | 2874 | 4041 | 5877 | 10224 |
| | 10 | 3869 | 6355 | 11492 | 26964 | 2969 | 4041 | 5877 | 10224 |
| | 20 | 4368 | 7047 | 12024 | 26964 | 3200 | 4311 | 6050 | 10224 |
| | 25 | 4653 | 7457 | 12599 | 28684 | 3328 | 4467 | 6233 | 10650 |
| 8 | 5 | 3867 | 6355 | 11492 | 26964 | 2968 | 4041 | 5877 | 10224 |
| | 10 | 4516 | 6814 | 11492 | 26964 | 3267 | 4221 | 5877 | 10224 |
| | 20 | 5163 | 8003 | 12998 | 26964 | 3549 | 4671 | 6359 | 10224 |
| | 25 | 5481 | 8444 | 13600 | 30729 | 3684 | 4831 | 6547 | 11146 |

TABLE 5.097 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5575500 South Fork Sangamon River at Kincaid

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 5247 | 9440 | 17709 | 36970 | 3585 | 5185 | 7765 | 12605 |
| Q7,10 | 10 | 5247 | 9440 | 17709 | 36970 | 3585 | 5185 | 7765 | 12605 |
| 1 | 5 | 6308 | 9440 | 17709 | 36970 | 4022 | 5185 | 7765 | 12605 |
| | 10 | 7805 | 11930 | 19511 | 36970 | 4597 | 6019 | 8270 | 12605 |
| | 20 | 9237 | 14335 | 23103 | 42229 | 5114 | 6773 | 9236 | 13779 |
| | 25 | 10015 | 15066 | 24068 | 45058 | 5383 | 6993 | 9487 | 14393 |
| 2 | 5 | 5247 | 9440 | 17709 | 36970 | 3585 | 5185 | 7765 | 12605 |
| | 10 | 5986 | 9641 | 17709 | 36970 | 3892 | 5255 | 7765 | 12605 |
| | 20 | 6988 | 11514 | 20055 | 38749 | 4288 | 5884 | 8419 | 13007 |
| | 25 | 7625 | 12274 | 20910 | 40683 | 4530 | 6130 | 8652 | 13439 |
| 3 | 5 | 8634 | 11742 | 18512 | 36970 | 4900 | 5958 | 7992 | 12605 |
| | 10 | 11199 | 15464 | 23555 | 41284 | 5781 | 7112 | 9354 | 13571 |
| | 20 | 13430 | 18459 | 27573 | 47021 | 6494 | 7977 | 10375 | 14812 |
| | 25 | 14161 | 19256 | 28752 | 51660 | 6719 | 8199 | 10666 | 15783 |
| 4 | 5 | 5924 | 9440 | 17709 | 36970 | 3867 | 5185 | 7765 | 12605 |
| | 10 | 7211 | 11331 | 18793 | 36970 | 4374 | 5824 | 8070 | 12605 |
| | 20 | 8505 | 13593 | 22298 | 41306 | 4854 | 6545 | 9023 | 13576 |
| | 25 | 9309 | 14324 | 23233 | 43976 | 5139 | 6769 | 9270 | 14159 |
| 5 | 5 | 5247 | 9440 | 17709 | 36970 | 3585 | 5185 | 7765 | 12605 |
| | 10 | 5532 | 9440 | 17709 | 36970 | 3705 | 5185 | 7765 | 12605 |
| | 20 | 6409 | 10739 | 19229 | 37810 | 4062 | 5628 | 8192 | 12796 |
| | 25 | 6988 | 11515 | 20054 | 39627 | 4288 | 5885 | 8419 | 13204 |
| 6 | 5 | 5517 | 9440 | 17709 | 36970 | 3699 | 5185 | 7765 | 12605 |
| | 10 | 6527 | 10401 | 17709 | 36970 | 4109 | 5515 | 7765 | 12605 |
| | 20 | 7676 | 12446 | 21057 | 39890 | 4550 | 6185 | 8692 | 13263 |
| | 25 | 8386 | 13187 | 21948 | 42160 | 4811 | 6418 | 8930 | 13764 |
| 7 | 5 | 5247 | 9440 | 17709 | 36970 | 3585 | 5185 | 7765 | 12605 |
| | 10 | 5881 | 9497 | 17709 | 36970 | 3849 | 5205 | 7765 | 12605 |
| | 20 | 6855 | 11336 | 19865 | 38533 | 4237 | 5826 | 8367 | 12959 |
| | 25 | 7479 | 12100 | 20713 | 40438 | 4475 | 6074 | 8599 | 13384 |
| 8 | 5 | 5783 | 9440 | 17709 | 36970 | 3809 | 5185 | 7765 | 12605 |
| | 10 | 6973 | 11010 | 18410 | 36970 | 4283 | 5718 | 7963 | 12605 |
| | 20 | 8218 | 13196 | 21867 | 40814 | 4749 | 6421 | 8909 | 13468 |
| | 25 | 8989 | 13926 | 22787 | 43367 | 5026 | 6648 | 9152 | 14027 |

TABLE 5.098 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5576000 South Fork Sangamon River near Rochester

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 8428 | 15909 | 30802 | 62387 | 4826 | 7244 | 11164 | 17940 |
| Q7,10 | 10 | 8428 | 15909 | 30802 | 62387 | 4826 | 7244 | 11164 | 17940 |
| 1 | 5 | 10035 | 15909 | 30802 | 62387 | 5390 | 7244 | 11164 | 17940 |
| | 10 | 12668 | 19334 | 31660 | 62387 | 6255 | 8221 | 11369 | 17940 |
| | 20 | 15203 | 23704 | 38125 | 69586 | 7034 | 9392 | 12867 | 19329 |
| | 25 | 15858 | 24940 | 39780 | 77176 | 7229 | 9711 | 13238 | 20751 |
| 2 | 5 | 8428 | 15909 | 30802 | 62387 | 4826 | 7244 | 11164 | 17940 |
| | 10 | 10170 | 16037 | 30802 | 62387 | 5436 | 7281 | 11164 | 17940 |
| | 20 | 11924 | 19536 | 33649 | 64678 | 6017 | 8277 | 11839 | 18387 |
| | 25 | 12260 | 20485 | 35315 | 69867 | 6125 | 8537 | 12226 | 19382 |
| 3 | 5 | 16609 | 22444 | 33053 | 62387 | 7448 | 9062 | 11699 | 17940 |
| | 10 | 21437 | 28880 | 42845 | 71034 | 8794 | 10698 | 13914 | 19603 |
| | 20 | 26389 | 35041 | 50266 | 86062 | 10079 | 12163 | 15494 | 22368 |
| | 25 | 27691 | 36703 | 52303 | 101037 | 10405 | 12544 | 15916 | 24995 |
| 4 | 5 | 10880 | 15909 | 30802 | 62387 | 5675 | 7244 | 11164 | 17940 |
| | 10 | 13790 | 20411 | 32994 | 62387 | 6606 | 8516 | 11685 | 17940 |
| | 20 | 16636 | 25079 | 39607 | 70165 | 7456 | 9747 | 13200 | 19439 |
| | 25 | 17391 | 26423 | 41260 | 79833 | 7674 | 10088 | 13566 | 21240 |
| 5 | 5 | 8428 | 15909 | 30802 | 62387 | 4826 | 7244 | 11164 | 17940 |
| | 10 | 10138 | 15996 | 30802 | 62387 | 5426 | 7269 | 11164 | 17940 |
| | 20 | 11881 | 19484 | 33594 | 64617 | 6004 | 8262 | 11826 | 18375 |
| | 25 | 12213 | 20430 | 35260 | 69771 | 6110 | 8522 | 12213 | 19364 |
| 6 | 5 | 9686 | 15909 | 30802 | 62387 | 5271 | 7244 | 11164 | 17940 |
| | 10 | 12121 | 18616 | 30802 | 62387 | 6081 | 8021 | 11164 | 17940 |
| | 20 | 14523 | 22787 | 37140 | 68503 | 6830 | 9153 | 12644 | 19123 |
| | 25 | 15058 | 23952 | 38797 | 75363 | 6991 | 9457 | 13018 | 20415 |
| 7 | 5 | 8833 | 15909 | 30802 | 62387 | 4971 | 7244 | 11164 | 17940 |
| | 10 | 10846 | 16930 | 30802 | 62387 | 5664 | 7541 | 11164 | 17940 |
| | 20 | 12826 | 20661 | 34853 | 65995 | 6305 | 8584 | 12119 | 18641 |
| | 25 | 13247 | 21683 | 36516 | 71000 | 6437 | 8860 | 12502 | 19597 |
| 8 | 5 | 10659 | 15909 | 30802 | 62387 | 5601 | 7244 | 11164 | 17940 |
| | 10 | 13497 | 20132 | 32649 | 62387 | 6515 | 8440 | 11604 | 17940 |
| | 20 | 16262 | 24723 | 39223 | 70795 | 7347 | 9656 | 13114 | 19558 |
| | 25 | 16992 | 26040 | 40877 | 79144 | 7559 | 9991 | 13481 | 21113 |

TABLE 5.099 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5576500 Sangamon River at Riverton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 24024 | 41385 | 78952 | 165194 | 9475 | 13594 | 21078 | 35280 |
| Q7,10 | 10 | 28527 | 44995 | 78952 | 165194 | 10611 | 14379 | 21078 | 35280 |
| 1 | 5 | 29546 | 42555 | 78952 | 165194 | 10860 | 13850 | 21078 | 35280 |
| | 10 | 36880 | 55233 | 89611 | 169141 | 12585 | 16515 | 23001 | 35875 |
| | 20 | 45820 | 67608 | 106726 | 195038 | 14556 | 18952 | 25965 | 39695 |
| | 25 | 48025 | 70721 | 111315 | 202230 | 15024 | 19544 | 26737 | 40733 |
| 2 | 5 | 24024 | 41385 | 78952 | 165194 | 9475 | 13594 | 21078 | 35280 |
| | 10 | 27811 | 43685 | 78952 | 165194 | 10434 | 14096 | 21078 | 35280 |
| | 20 | 33388 | 53812 | 91065 | 177750 | 11778 | 16225 | 23258 | 37160 |
| | 25 | 35290 | 56397 | 95048 | 183801 | 12220 | 16750 | 23958 | 38054 |
| 3 | 5 | 40608 | 55430 | 84692 | 165194 | 13422 | 16554 | 22122 | 35280 |
| | 10 | 52509 | 72287 | 109066 | 190532 | 15958 | 19840 | 26360 | 39040 |
| | 20 | 64382 | 86694 | 128449 | 215963 | 18329 | 22481 | 29551 | 42689 |
| | 25 | 67389 | 90510 | 133378 | 225672 | 18909 | 23160 | 30342 | 44054 |
| 4 | 5 | 26556 | 41385 | 78952 | 165194 | 10121 | 13594 | 21078 | 35280 |
| | 10 | 32626 | 51304 | 84883 | 165194 | 11598 | 15710 | 22156 | 35280 |
| | 20 | 41012 | 62969 | 101405 | 189148 | 13511 | 18054 | 25058 | 38838 |
| | 25 | 42977 | 65929 | 105787 | 195952 | 13942 | 18629 | 25805 | 39827 |
| 5 | 5 | 25210 | 41385 | 78952 | 165194 | 9780 | 13594 | 21078 | 35280 |
| | 10 | 30665 | 48895 | 82024 | 165194 | 11131 | 15207 | 21639 | 35280 |
| | 20 | 38381 | 60155 | 98192 | 185598 | 12925 | 17501 | 24504 | 38318 |
| | 25 | 40275 | 63020 | 102449 | 192169 | 13348 | 18064 | 25237 | 39278 |
| 6 | 5 | 28429 | 41505 | 78952 | 165194 | 10587 | 13620 | 21078 | 35280 |
| | 10 | 35286 | 53763 | 87835 | 167138 | 12219 | 16215 | 22685 | 35573 |
| | 20 | 44113 | 65867 | 104726 | 192823 | 14189 | 18617 | 25625 | 39373 |
| | 25 | 46072 | 68923 | 109237 | 199869 | 14610 | 19203 | 26388 | 40393 |
| 7 | 5 | 25075 | 41385 | 78952 | 165194 | 9746 | 13594 | 21078 | 35280 |
| | 10 | 30523 | 48514 | 81573 | 165194 | 11097 | 15127 | 21557 | 35280 |
| | 20 | 38027 | 59711 | 97685 | 185039 | 12845 | 17412 | 24416 | 38236 |
| | 25 | 39922 | 62561 | 101922 | 191572 | 13270 | 17974 | 25147 | 39191 |
| 8 | 5 | 29131 | 42164 | 78952 | 165194 | 10759 | 13765 | 21078 | 35280 |
| | 10 | 36287 | 54685 | 88949 | 168394 | 12449 | 16403 | 22883 | 35762 |
| | 20 | 45278 | 66960 | 105980 | 194212 | 14440 | 18827 | 25838 | 39575 |
| | 25 | 47298 | 70051 | 110540 | 201350 | 14871 | 19417 | 26607 | 40606 |

TABLE 5.100 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5578500 Salt Creek near Rowell

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 776 | 2667 | 7124 | 18320 | 1128 | 2364 | 4341 | 7938 |
| Q7,10 | 10 | 847 | 2667 | 7124 | 18320 | 1188 | 2364 | 4341 | 7938 |
| 1 | 5 | 2702 | 4433 | 8005 | 18320 | 2383 | 3229 | 4671 | 7938 |
| | 10 | 3962 | 6311 | 10922 | 21767 | 3012 | 4023 | 5689 | 8882 |
| | 20 | 5186 | 7993 | 13403 | 25438 | 3559 | 4667 | 6486 | 9838 |
| | 25 | 5579 | 8516 | 14049 | 26387 | 3725 | 4858 | 6685 | 10079 |
| 2 | 5 | 1109 | 2667 | 7124 | 18320 | 1394 | 2364 | 4341 | 7938 |
| | 10 | 1703 | 3891 | 8000 | 18368 | 1802 | 2979 | 4670 | 7951 |
| | 20 | 2518 | 5093 | 9993 | 21524 | 2283 | 3519 | 5376 | 8817 |
| | 25 | 2773 | 5480 | 10579 | 22302 | 2421 | 3684 | 5575 | 9025 |
| 3 | 5 | 3999 | 6133 | 9859 | 19196 | 3030 | 3952 | 5330 | 8182 |
| | 10 | 5768 | 8452 | 13450 | 24308 | 3803 | 4834 | 6501 | 9549 |
| | 20 | 7336 | 10542 | 16123 | 28108 | 4421 | 5562 | 7306 | 10508 |
| | 25 | 7838 | 11145 | 16772 | 29233 | 4610 | 5763 | 7496 | 10784 |
| 4 | 5 | 1748 | 3224 | 7124 | 18320 | 1831 | 2654 | 4341 | 7938 |
| | 10 | 2602 | 4722 | 9014 | 19703 | 2329 | 3358 | 5035 | 8323 |
| | 20 | 3574 | 6083 | 11275 | 23002 | 2828 | 3931 | 5806 | 9209 |
| | 25 | 3879 | 6528 | 11899 | 23829 | 2974 | 4109 | 6009 | 9425 |
| 5 | 5 | 1433 | 2935 | 7124 | 18320 | 1624 | 2506 | 4341 | 7938 |
| | 10 | 2157 | 4301 | 8525 | 19031 | 2078 | 3169 | 4861 | 8137 |
| | 20 | 3047 | 5586 | 10630 | 22258 | 2564 | 3728 | 5592 | 9013 |
| | 25 | 3326 | 6002 | 11236 | 23060 | 2706 | 3899 | 5793 | 9224 |
| 6 | 5 | 2171 | 3652 | 7196 | 18320 | 2086 | 2865 | 4368 | 7938 |
| | 10 | 3201 | 5326 | 9765 | 20614 | 2643 | 3619 | 5298 | 8572 |
| | 20 | 4275 | 6800 | 12164 | 24028 | 3157 | 4215 | 6095 | 9477 |
| | 25 | 4617 | 7284 | 12810 | 24893 | 3312 | 4402 | 6300 | 9699 |
| 7 | 5 | 2045 | 3498 | 7124 | 18320 | 2012 | 2790 | 4341 | 7938 |
| | 10 | 3022 | 5123 | 9520 | 20344 | 2551 | 3532 | 5213 | 8498 |
| | 20 | 4071 | 6556 | 11888 | 23712 | 3064 | 4120 | 6006 | 9395 |
| | 25 | 4393 | 7029 | 12530 | 24562 | 3211 | 4304 | 6212 | 9614 |
| 8 | 5 | 2940 | 4787 | 8388 | 18320 | 2509 | 3387 | 4811 | 7938 |
| | 10 | 4308 | 6756 | 11445 | 22290 | 3172 | 4199 | 5862 | 9021 |
| | 20 | 5594 | 8531 | 13965 | 26077 | 3731 | 4863 | 6659 | 10001 |
| | 25 | 6010 | 9026 | 14611 | 27065 | 3902 | 5040 | 6856 | 10249 |

TABLE 5.101 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5579500 Lake Fork near Cornland

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 1704 | 2871 | 5936 | 12997 | 1803 | 2473 | 3872 | 6359 |
| Q7,10 | 10 | 1848 | 2918 | 5936 | 12997 | 1893 | 2497 | 3872 | 6359 |
| 1 | 5 | 3225 | 4364 | 6537 | 12997 | 2655 | 3198 | 4112 | 6359 |
| | 10 | 4230 | 5785 | 8727 | 15362 | 3137 | 3810 | 4933 | 7082 |
| | 20 | 5224 | 7142 | 10624 | 18047 | 3575 | 4348 | 5590 | 7860 |
| | 25 | 5609 | 7561 | 11102 | 18780 | 3737 | 4506 | 5749 | 8067 |
| 2 | 5 | 2068 | 3011 | 5936 | 12997 | 2026 | 2545 | 3872 | 6359 |
| | 10 | 2537 | 3913 | 6465 | 12997 | 2293 | 2990 | 4084 | 6359 |
| | 20 | 3266 | 4867 | 8018 | 15136 | 2675 | 3422 | 4676 | 7014 |
| | 25 | 3337 | 5204 | 8436 | 15956 | 2711 | 3567 | 4829 | 7257 |
| 3 | 5 | 3465 | 4657 | 6900 | 12997 | 2774 | 3329 | 4254 | 6359 |
| | 10 | 4574 | 6176 | 9218 | 15913 | 3292 | 3969 | 5107 | 7245 |
| | 20 | 5625 | 7646 | 11151 | 18365 | 3744 | 4538 | 5765 | 7950 |
| | 25 | 6047 | 8064 | 11648 | 19418 | 3917 | 4693 | 5928 | 8244 |
| 4 | 5 | 2189 | 3123 | 5936 | 12997 | 2097 | 2603 | 3872 | 6359 |
| | 10 | 2714 | 4079 | 6659 | 12997 | 2389 | 3067 | 4161 | 6359 |
| | 20 | 3472 | 5054 | 8268 | 15402 | 2778 | 3503 | 4768 | 7094 |
| | 25 | 3577 | 5416 | 8686 | 16249 | 2829 | 3657 | 4919 | 7343 |
| 5 | 5 | 2554 | 3492 | 5936 | 12997 | 2303 | 2788 | 3872 | 6359 |
| | 10 | 3255 | 4611 | 7258 | 13725 | 2670 | 3309 | 4392 | 6586 |
| | 20 | 4088 | 5673 | 9051 | 16249 | 3072 | 3764 | 5049 | 7343 |
| | 25 | 4298 | 6094 | 9475 | 17174 | 3168 | 3936 | 5197 | 7612 |
| 6 | 5 | 2940 | 3986 | 6107 | 12997 | 2509 | 3024 | 3941 | 6359 |
| | 10 | 3809 | 5282 | 8097 | 14658 | 2940 | 3600 | 4705 | 6870 |
| | 20 | 4749 | 6534 | 9948 | 17273 | 3370 | 4112 | 5361 | 7640 |
| | 25 | 5069 | 6914 | 10403 | 18252 | 3509 | 4260 | 5515 | 7919 |
| 7 | 5 | 2484 | 3403 | 5936 | 12997 | 2264 | 2744 | 3872 | 6359 |
| | 10 | 3152 | 4492 | 7109 | 13560 | 2618 | 3256 | 4335 | 6535 |
| | 20 | 3971 | 5520 | 8893 | 16069 | 3017 | 3700 | 4993 | 7291 |
| | 25 | 4161 | 5942 | 9311 | 16984 | 3105 | 3874 | 5140 | 7557 |
| 8 | 5 | 2926 | 3968 | 6085 | 12997 | 2501 | 3016 | 3932 | 6359 |
| | 10 | 3788 | 5258 | 8067 | 14624 | 2931 | 3590 | 4694 | 6860 |
| | 20 | 4726 | 6503 | 9916 | 17236 | 3360 | 4099 | 5350 | 7629 |
| | 25 | 5043 | 6883 | 10369 | 18213 | 3498 | 4248 | 5504 | 7908 |

TABLE 5.102 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5580000 Kickapoo Creek at Waynesville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 727 | 2313 | 5381 | 12971 | 1086 | 2168 | 3642 | 6351 |
| Q7,10 | 10 | 727 | 2313 | 5381 | 12971 | 1086 | 2168 | 3642 | 6351 |
| 1 | 5 | 1967 | 3204 | 5712 | 12971 | 1965 | 2644 | 3780 | 6351 |
| | 10 | 2771 | 4356 | 7301 | 14218 | 2420 | 3194 | 4408 | 6737 |
| | 20 | 3408 | 5167 | 8776 | 16523 | 2746 | 3551 | 4951 | 7423 |
| | 25 | 3654 | 5459 | 9075 | 17075 | 2866 | 3674 | 5057 | 7583 |
| 2 | 5 | 970 | 2313 | 5381 | 12971 | 1288 | 2168 | 3642 | 6351 |
| | 10 | 1457 | 3012 | 5792 | 12971 | 1641 | 2546 | 3813 | 6351 |
| | 20 | 1937 | 3674 | 6938 | 14463 | 1947 | 2876 | 4269 | 6811 |
| | 25 | 2087 | 3936 | 7229 | 15028 | 2037 | 3001 | 4381 | 6982 |
| 3 | 5 | 3453 | 4974 | 7627 | 13828 | 2768 | 3468 | 4531 | 6617 |
| | 10 | 4647 | 6401 | 9684 | 16913 | 3325 | 4059 | 5270 | 7536 |
| | 20 | 5526 | 7685 | 11353 | 19189 | 3703 | 4553 | 5831 | 8181 |
| | 25 | 5816 | 7976 | 11854 | 19941 | 3823 | 4661 | 5995 | 8388 |
| 4 | 5 | 1619 | 2864 | 5381 | 12971 | 1748 | 2469 | 3642 | 6351 |
| | 10 | 2339 | 3926 | 6816 | 13646 | 2183 | 2996 | 4222 | 6561 |
| | 20 | 2925 | 4684 | 8193 | 15866 | 2501 | 3341 | 4740 | 7231 |
| | 25 | 3141 | 4969 | 8485 | 16417 | 2612 | 3466 | 4846 | 7393 |
| 5 | 5 | 888 | 2313 | 5381 | 12971 | 1222 | 2168 | 3642 | 6351 |
| | 10 | 1291 | 2771 | 5553 | 12971 | 1526 | 2420 | 3714 | 6351 |
| | 20 | 1728 | 3408 | 6611 | 14098 | 1818 | 2746 | 4142 | 6700 |
| | 25 | 1856 | 3654 | 6901 | 14667 | 1898 | 2867 | 4255 | 6873 |
| 6 | 5 | 1337 | 2600 | 5381 | 12971 | 1559 | 2327 | 3642 | 6351 |
| | 10 | 1981 | 3586 | 6433 | 13192 | 1974 | 2833 | 4072 | 6420 |
| | 20 | 2538 | 4308 | 7725 | 15341 | 2294 | 3173 | 4568 | 7075 |
| | 25 | 2730 | 4586 | 8016 | 15898 | 2398 | 3298 | 4675 | 7240 |
| 7 | 5 | 1000 | 2313 | 5381 | 12971 | 1312 | 2168 | 3642 | 6351 |
| | 10 | 1521 | 3104 | 5894 | 12971 | 1684 | 2593 | 3855 | 6351 |
| | 20 | 2017 | 3775 | 7064 | 14603 | 1996 | 2924 | 4318 | 6854 |
| | 25 | 2175 | 4040 | 7354 | 15167 | 2089 | 3049 | 4428 | 7023 |
| 8 | 5 | 1679 | 2920 | 5396 | 12971 | 1787 | 2499 | 3648 | 6351 |
| | 10 | 2414 | 3999 | 6897 | 13742 | 2225 | 3030 | 4253 | 6591 |
| | 20 | 3008 | 4764 | 8292 | 15977 | 2544 | 3376 | 4776 | 7264 |
| | 25 | 3229 | 5050 | 8585 | 16528 | 2657 | 3501 | 4882 | 7425 |

TABLE 5.103 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5580500 Kickapoo Creek near Lincoln

| | | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF | | | | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF | | | |
|---|---|---|---|---|---|---|---|---|---|
| LEVEL | T,YR | 2 | 5 | 10 | 20 | 2 | 5 | 10 | 20 |
| 0 | 25 | 676 | 2389 | 6440 | 16069 | 1041 | 2211 | 4074 | 7291 |
| Q7,10 | 10 | 986 | 2597 | 6440 | 16069 | 1300 | 2326 | 4074 | 7291 |
| 1 | 5 | 2373 | 3842 | 6909 | 16069 | 2202 | 2956 | 4258 | 7291 |
| | 10 | 3293 | 5235 | 9059 | 18206 | 2689 | 3580 | 5051 | 7906 |
| | 20 | 4153 | 6365 | 10874 | 20988 | 3101 | 4045 | 5673 | 8673 |
| | 25 | 4365 | 6814 | 11478 | 21780 | 3198 | 4221 | 5872 | 8886 |
| 2 | 5 | 1089 | 2521 | 6440 | 16069 | 1379 | 2284 | 4074 | 7291 |
| | 10 | 1575 | 3488 | 7005 | 16069 | 1720 | 2786 | 4295 | 7291 |
| | 20 | 2221 | 4373 | 8432 | 18134 | 2115 | 3202 | 4827 | 7885 |
| | 25 | 2225 | 4611 | 8954 | 18915 | 2117 | 3309 | 5014 | 8104 |
| 3 | 5 | 4532 | 6341 | 9775 | 17909 | 3274 | 4035 | 5301 | 7821 |
| | 10 | 6101 | 8343 | 12698 | 22037 | 3939 | 4795 | 6265 | 8954 |
| | 20 | 7395 | 10062 | 14822 | 25177 | 4444 | 5400 | 6920 | 9772 |
| | 25 | 7881 | 10637 | 15587 | 26099 | 4625 | 5594 | 7148 | 10006 |
| 4 | 5 | 2060 | 3486 | 6487 | 16069 | 2021 | 2784 | 4093 | 7291 |
| | 10 | 2883 | 4780 | 8526 | 17613 | 2479 | 3383 | 4861 | 7737 |
| | 20 | 3689 | 5833 | 10279 | 20298 | 2883 | 3830 | 5473 | 8486 |
| | 25 | 3847 | 6248 | 10861 | 21077 | 2958 | 3998 | 5669 | 8697 |
| 5 | 5 | 1581 | 3045 | 6440 | 16069 | 1723 | 2563 | 4074 | 7291 |
| | 10 | 2250 | 4181 | 7806 | 16716 | 2132 | 3115 | 4598 | 7479 |
| | 20 | 2988 | 5159 | 9425 | 19295 | 2534 | 3548 | 5180 | 8210 |
| | 25 | 3064 | 5492 | 9980 | 20075 | 2573 | 3688 | 5372 | 8425 |
| 6 | 5 | 2269 | 3711 | 6759 | 16069 | 2143 | 2893 | 4200 | 7291 |
| | 10 | 3157 | 5071 | 8869 | 18009 | 2620 | 3510 | 4984 | 7850 |
| | 20 | 3998 | 6170 | 10669 | 20752 | 3030 | 3966 | 5605 | 8609 |
| | 25 | 4193 | 6612 | 11265 | 21537 | 3120 | 4142 | 5803 | 8821 |
| 7 | 5 | 1629 | 3089 | 6440 | 16069 | 1755 | 2586 | 4074 | 7291 |
| | 10 | 2314 | 4241 | 7877 | 16805 | 2168 | 3142 | 4624 | 7505 |
| | 20 | 3059 | 5226 | 9510 | 19395 | 2570 | 3576 | 5210 | 8238 |
| | 25 | 3143 | 5567 | 10068 | 20175 | 2613 | 3720 | 5402 | 8452 |
| 8 | 5 | 2311 | 3763 | 6819 | 16069 | 2167 | 2919 | 4223 | 7291 |
| | 10 | 3211 | 5137 | 8945 | 18088 | 2648 | 3538 | 5011 | 7872 |
| | 20 | 4060 | 6248 | 10751 | 20847 | 3059 | 3998 | 5632 | 8635 |
| | 25 | 4262 | 6693 | 11350 | 21635 | 3151 | 4174 | 5831 | 8847 |

TABLE 5.104 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5581500 Sugar Creek near Hartsburg

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | | 1256 | 6011 | 20163 | | 1501 | 3902 | 8449 |
| Q7,10 | 10 | | 5074 | 9473 | 20163 | | 3511 | 5196 | 8449 |
| 1 | 5 | | 5185 | 8688 | 20163 | | 3559 | 4920 | 8449 |
| | 10 | | 7724 | 12276 | 21410 | | 4567 | 6131 | 8787 |
| | 20 | | 10502 | 17092 | 33226 | | 5549 | 7588 | 11740 |
| | 25 | | 10905 | 17954 | 37245 | | 5684 | 7834 | 12668 |
| 2 | 5 | | 2354 | 6011 | 20163 | | 2191 | 3902 | 8449 |
| | 10 | | 3745 | 8008 | 20163 | | 2910 | 4673 | 8449 |
| | 20 | | 5460 | 10907 | 24644 | | 3675 | 5684 | 9636 |
| | 25 | | 5696 | 11324 | 27575 | | 3773 | 5822 | 10376 |
| 3 | 5 | | 8666 | 12189 | 20163 | | 4911 | 6103 | 8449 |
| | 10 | | 12247 | 16617 | 25835 | | 6121 | 7451 | 9939 |
| | 20 | | 17049 | 24076 | 43996 | | 7576 | 9489 | 14164 |
| | 25 | | 17905 | 26841 | 49020 | | 7820 | 10193 | 15234 |
| 4 | 5 | | 3850 | 7181 | 20163 | | 2960 | 4362 | 8449 |
| | 10 | | 5861 | 10299 | 20163 | | 3841 | 5480 | 8449 |
| | 20 | | 8139 | 14199 | 28870 | | 4721 | 6731 | 10695 |
| | 25 | | 8458 | 14787 | 32541 | | 4837 | 6910 | 11578 |
| 5 | 5 | | 3834 | 7162 | 20163 | | 2952 | 4355 | 8449 |
| | 10 | | 5838 | 10275 | 20163 | | 3832 | 5472 | 8449 |
| | 20 | | 8110 | 14164 | 28816 | | 4710 | 6720 | 10682 |
| | 25 | | 8428 | 14750 | 32483 | | 4826 | 6898 | 11565 |
| 6 | 5 | | 4739 | 8173 | 20163 | | 3366 | 4733 | 8449 |
| | 10 | | 7102 | 11613 | 20714 | | 4332 | 5917 | 8599 |
| | 20 | | 9712 | 16122 | 31785 | | 5280 | 7306 | 11399 |
| | 25 | | 10089 | 16860 | 35653 | | 5409 | 7521 | 12304 |
| 7 | 5 | | 4202 | 7553 | 20163 | | 3124 | 4503 | 8449 |
| | 10 | | 6352 | 10818 | 20163 | | 4039 | 5654 | 8449 |
| | 20 | | 8762 | 14958 | 30019 | | 4946 | 6961 | 10975 |
| | 25 | | 9105 | 15596 | 33765 | | 5068 | 7151 | 11866 |
| 8 | 5 | | 5490 | 9042 | 20163 | | 3688 | 5045 | 8449 |
| | 10 | | 8115 | 12732 | 21889 | | 4712 | 6275 | 8915 |
| | 20 | | 11042 | 17758 | 34221 | | 5729 | 7778 | 11972 |
| | 25 | | 11464 | 18721 | 38346 | | 5868 | 8050 | 12917 |

TABLE 5.105 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5582000 Salt Creek near Greenview

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 3803 | 17953 | 81017 | | 2938 | 7834 | 21456 | |
| Q7,10 | 10 | 17152 | 39366 | 98487 | | 7605 | 13146 | 24555 | |
| 1 | 5 | 38733 | 60340 | 110139 | | 13004 | 17537 | 26540 | |
| | 10 | 50272 | 79887 | 140737 | | 15495 | 21249 | 31509 | |
| | 20 | 65270 | 98733 | 180261 | | 18501 | 24598 | 37532 | |
| | 25 | 68269 | 104078 | 193494 | | 19078 | 25515 | 39471 | |
| 2 | 5 | 13968 | 32343 | 81017 | | 6660 | 11532 | 21456 | |
| | 10 | 19192 | 42008 | 101510 | | 8181 | 13731 | 25076 | |
| | 20 | 26405 | 55186 | 122430 | | 10083 | 16505 | 28575 | |
| | 25 | 27346 | 57866 | 130315 | | 10319 | 17045 | 29851 | |
| 3 | 5 | 48949 | 71602 | 123964 | | 15219 | 19711 | 28825 | |
| | 10 | 64150 | 95260 | 156219 | | 18284 | 23995 | 33914 | |
| | 20 | 81520 | 115572 | 211257 | | 21547 | 27446 | 42022 | |
| | 25 | 85188 | 122648 | 225512 | | 22211 | 28610 | 44032 | |
| 4 | 5 | 18313 | 37485 | 82258 | | 7936 | 12722 | 21682 | |
| | 10 | 24352 | 48621 | 109327 | | 9560 | 15150 | 26404 | |
| | 20 | 33277 | 63297 | 131014 | | 11752 | 18118 | 29964 | |
| | 25 | 34673 | 66247 | 138015 | | 12077 | 18690 | 31079 | |
| 5 | 5 | 26915 | 47575 | 94241 | | 10211 | 14929 | 23817 | |
| | 10 | 34840 | 62250 | 124885 | | 12116 | 17913 | 28974 | |
| | 20 | 46654 | 79444 | 147165 | | 14734 | 21168 | 32515 | |
| | 25 | 49040 | 82912 | 158064 | | 15238 | 21800 | 34196 | |
| 6 | 5 | 34710 | 55969 | 104687 | | 12086 | 16664 | 25619 | |
| | 10 | 44951 | 73853 | 134684 | | 14370 | 20133 | 30550 | |
| | 20 | 58916 | 92129 | 168357 | | 17255 | 23446 | 35757 | |
| | 25 | 61727 | 96829 | 181176 | | 17811 | 24268 | 37667 | |
| 7 | 5 | 26539 | 47174 | 93743 | | 10117 | 14844 | 23729 | |
| | 10 | 34344 | 61695 | 124331 | | 12001 | 17804 | 28884 | |
| | 20 | 46065 | 78838 | 146218 | | 14608 | 21057 | 32368 | |
| | 25 | 48431 | 82246 | 157032 | | 15110 | 21679 | 34038 | |
| 8 | 5 | 34710 | 55969 | 104687 | | 12086 | 16664 | 25619 | |
| | 10 | 44951 | 73853 | 134684 | | 14370 | 20133 | 30550 | |
| | 20 | 58916 | 92129 | 168357 | | 17255 | 23446 | 35757 | |
| | 25 | 61727 | 96829 | 181176 | | 17811 | 24268 | 37667 | |

TABLE 5.106 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5582500 Crane Creek near Easton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 0 | 0 | 183 | 389 | 0 | 0 | 488 | 754 |
| Q7,10 | 10 | 0 | 172 | 223 | 441 | 0 | 471 | 546 | 811 |
| 1 | 5 | 468 | 557 | 710 | 1108 | 840 | 930 | 1071 | 1394 |
| | 10 | 642 | 764 | 989 | 1587 | 1010 | 1118 | 1302 | 1727 |
| | 20 | 846 | 1017 | 1320 | 2066 | 1187 | 1325 | 1547 | 2025 |
| | 25 | 912 | 1092 | 1418 | 2199 | 1242 | 1381 | 1614 | 2103 |
| 2 | 5 | 186 | 221 | 302 | 558 | 493 | 544 | 652 | 930 |
| | 10 | 236 | 286 | 404 | 765 | 565 | 631 | 770 | 1119 |
| | 20 | 286 | 354 | 533 | 1018 | 631 | 713 | 905 | 1325 |
| | 25 | 308 | 391 | 577 | 1093 | 658 | 756 | 949 | 1382 |
| 3 | 5 | 699 | 807 | 1009 | 1108 | 1061 | 1155 | 1318 | 1394 |
| | 10 | 971 | 1150 | 1450 | 1587 | 1289 | 1425 | 1636 | 1727 |
| | 20 | 1297 | 1499 | 1877 | 2065 | 1531 | 1669 | 1911 | 2024 |
| | 25 | 1394 | 1618 | 2011 | 2199 | 1598 | 1747 | 1992 | 2102 |
| 4 | 5 | 234 | 282 | 384 | 674 | 562 | 626 | 748 | 1039 |
| | 10 | 305 | 375 | 523 | 933 | 655 | 738 | 896 | 1259 |
| | 20 | 383 | 489 | 684 | 1247 | 747 | 862 | 1048 | 1495 |
| | 25 | 419 | 532 | 744 | 1340 | 787 | 904 | 1101 | 1561 |
| 5 | 5 | 209 | 254 | 347 | 620 | 528 | 590 | 705 | 990 |
| | 10 | 270 | 334 | 468 | 853 | 610 | 690 | 839 | 1194 |
| | 20 | 331 | 427 | 614 | 1142 | 687 | 795 | 983 | 1419 |
| | 25 | 364 | 466 | 667 | 1226 | 725 | 838 | 1032 | 1480 |
| 6 | 5 | 300 | 364 | 494 | 815 | 648 | 725 | 866 | 1162 |
| | 10 | 400 | 494 | 677 | 1164 | 766 | 866 | 1041 | 1435 |
| | 20 | 527 | 646 | 896 | 1515 | 899 | 1014 | 1228 | 1680 |
| | 25 | 571 | 702 | 964 | 1635 | 943 | 1064 | 1283 | 1758 |
| 7 | 5 | 381 | 458 | 608 | 967 | 744 | 828 | 978 | 1285 |
| | 10 | 518 | 628 | 835 | 1391 | 891 | 996 | 1178 | 1596 |
| | 20 | 677 | 824 | 1117 | 1797 | 1042 | 1170 | 1400 | 1861 |
| | 25 | 737 | 891 | 1199 | 1931 | 1095 | 1224 | 1461 | 1943 |
| 8 | 5 | 592 | 684 | 863 | 1108 | 963 | 1048 | 1202 | 1394 |
| | 10 | 811 | 949 | 1241 | 1587 | 1159 | 1271 | 1491 | 1727 |
| | 20 | 1086 | 1267 | 1603 | 2066 | 1377 | 1510 | 1737 | 2024 |
| | 25 | 1166 | 1361 | 1731 | 2199 | 1437 | 1576 | 1820 | 2102 |

TABLE 5.107 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5583000 Sangamon River near Oakford

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 48136 | 101415 | 286194 | | 15048 | 25060 | 52265 | |
| Q7,10 | 10 | 94339 | 166448 | 333953 | | 23834 | 35469 | 58450 | |
| 1 | 5 | 134633 | 196293 | 336049 | | 30542 | 39877 | 58716 | |
| | 10 | 178402 | 261515 | 425820 | | 37257 | 48974 | 69796 | |
| | 20 | 224997 | 317859 | 613339 | | 43959 | 56391 | 91366 | |
| | 25 | 232739 | 330923 | 644853 | | 45038 | 58064 | 94833 | |
| 2 | 5 | 72725 | 122113 | 286194 | | 19922 | 28523 | 52265 | |
| | 10 | 89361 | 160769 | 328146 | | 22957 | 34609 | 57710 | |
| | 20 | 120325 | 205049 | 398654 | | 28230 | 41137 | 66506 | |
| | 25 | 121859 | 212183 | 420086 | | 28481 | 42154 | 69106 | |
| 3 | 5 | 205347 | 273879 | 415170 | | 41179 | 50632 | 68512 | |
| | 10 | 272879 | 357412 | 521565 | | 50498 | 61410 | 81030 | |
| | 20 | 330334 | 456471 | 837869 | | 57989 | 73450 | 115331 | |
| | 25 | 344528 | 482528 | 896473 | | 59790 | 76512 | 121342 | |
| 4 | 5 | 99137 | 154032 | 288712 | | 24667 | 33578 | 52597 | |
| | 10 | 128817 | 206751 | 375502 | | 29610 | 41380 | 63661 | |
| | 20 | 166615 | 257143 | 491982 | | 35494 | 48383 | 77613 | |
| | 25 | 171768 | 265866 | 520136 | | 36269 | 49559 | 80866 | |
| 5 | 5 | 104937 | 161241 | 297296 | | 25661 | 34681 | 53724 | |
| | 10 | 137227 | 216845 | 385984 | | 30954 | 42814 | 64954 | |
| | 20 | 176927 | 268607 | 512650 | | 37038 | 49927 | 80005 | |
| | 25 | 182866 | 277679 | 542254 | | 37916 | 51138 | 83393 | |
| 6 | 5 | 129896 | 190744 | 329976 | | 29784 | 39071 | 57943 | |
| | 10 | 171734 | 254555 | 418785 | | 36263 | 48032 | 68949 | |
| | 20 | 217448 | 310222 | 597357 | | 42899 | 55405 | 89592 | |
| | 25 | 224960 | 322593 | 628713 | | 43954 | 56999 | 93062 | |
| 7 | 5 | 100881 | 156197 | 291289 | | 24968 | 33910 | 52936 | |
| | 10 | 131347 | 209783 | 378648 | | 30017 | 41813 | 64050 | |
| | 20 | 169715 | 260586 | 498178 | | 35961 | 48848 | 78333 | |
| | 25 | 175104 | 269414 | 526767 | | 36767 | 50035 | 81626 | |
| 8 | 5 | 120745 | 180033 | 318280 | | 28299 | 37498 | 56445 | |
| | 10 | 158840 | 241132 | 405240 | | 34315 | 46198 | 67308 | |
| | 20 | 202871 | 295505 | 566569 | | 40825 | 53489 | 86145 | |
| | 25 | 209938 | 306535 | 597617 | | 41835 | 54927 | 89621 | |

TABLE 5.108 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5584500 La Moine River at Colmar

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 10089 | 14976 | 26009 | 50509 | 5409 | 6966 | 9983 | 15545 |
| Q7,10 | 10 | 10089 | 14976 | 26009 | 50509 | 5409 | 6966 | 9983 | 15545 |
| 1 | 5 | 13026 | 16635 | 26009 | 50509 | 6368 | 7456 | 9983 | 15545 |
| | 10 | 15875 | 21041 | 30927 | 52833 | 7234 | 8687 | 11194 | 16025 |
| | 20 | 17971 | 24472 | 35780 | 62008 | 7839 | 9591 | 12333 | 17866 |
| | 25 | 18643 | 25225 | 36902 | 64559 | 8028 | 9784 | 12590 | 18364 |
| 2 | 5 | 10503 | 14976 | 26009 | 50509 | 5549 | 6966 | 9983 | 15545 |
| | 10 | 12086 | 17101 | 26464 | 50509 | 6070 | 7591 | 10098 | 15545 |
| | 20 | 13279 | 19428 | 30487 | 55488 | 6447 | 8247 | 11088 | 16566 |
| | 25 | 13912 | 20179 | 31434 | 57593 | 6643 | 8453 | 11315 | 16990 |
| 3 | 5 | 20529 | 25198 | 34999 | 53904 | 8549 | 9777 | 12153 | 16244 |
| | 10 | 26279 | 32186 | 43673 | 66786 | 10051 | 11494 | 14094 | 18794 |
| | 20 | 30276 | 37198 | 49513 | 79397 | 11037 | 12657 | 15337 | 21160 |
| | 25 | 31216 | 38373 | 51203 | 89217 | 11263 | 12923 | 15689 | 22931 |
| 4 | 5 | 13572 | 17251 | 26009 | 50509 | 6538 | 7634 | 9983 | 15545 |
| | 10 | 16738 | 21903 | 31921 | 53923 | 7486 | 8918 | 11431 | 16248 |
| | 20 | 18967 | 25522 | 36904 | 63380 | 8119 | 9860 | 12590 | 18134 |
| | 25 | 19725 | 26286 | 38065 | 66112 | 8329 | 10053 | 12854 | 18664 |
| 5 | 5 | 10346 | 14976 | 26009 | 50509 | 5496 | 6966 | 9983 | 15545 |
| | 10 | 11797 | 16682 | 26009 | 50509 | 5976 | 7469 | 9983 | 15545 |
| | 20 | 12954 | 18896 | 29942 | 54822 | 6346 | 8099 | 10956 | 16431 |
| | 25 | 13526 | 19654 | 30870 | 56879 | 6524 | 8309 | 11180 | 16847 |
| 6 | 5 | 11259 | 14980 | 26009 | 50509 | 5801 | 6968 | 9983 | 15545 |
| | 10 | 13392 | 18668 | 28169 | 50509 | 6483 | 8035 | 10523 | 15545 |
| | 20 | 14770 | 21501 | 32647 | 58142 | 6904 | 8811 | 11603 | 17100 |
| | 25 | 15579 | 22249 | 33668 | 60428 | 7146 | 9010 | 11843 | 17555 |
| 7 | 5 | 10586 | 14976 | 26009 | 50509 | 5577 | 6966 | 9983 | 15545 |
| | 10 | 12238 | 17323 | 26717 | 50509 | 6118 | 7654 | 10162 | 15545 |
| | 20 | 13451 | 19709 | 30776 | 55841 | 6501 | 8324 | 11158 | 16638 |
| | 25 | 14116 | 20457 | 31733 | 57971 | 6706 | 8529 | 11387 | 17066 |
| 8 | 5 | 11894 | 15570 | 26009 | 50509 | 6008 | 7143 | 9983 | 15545 |
| | 10 | 14246 | 19515 | 29150 | 50879 | 6745 | 8271 | 10764 | 15622 |
| | 20 | 15920 | 22560 | 33760 | 59514 | 7247 | 9093 | 11865 | 17373 |
| | 25 | 16714 | 23309 | 34817 | 61893 | 7479 | 9289 | 12111 | 17843 |

TABLE 5.109 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5585000 La Moine River at Ripley

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 17344 | 24914 | 43966 | 86610 | 7660 | 9705 | 14157 | 22466 |
| Q7,10 | 10 | 17755 | 24914 | 43966 | 86610 | 7778 | 9705 | 14157 | 22466 |
| 1 | 5 | 25921 | 32812 | 46360 | 86610 | 9961 | 11642 | 14671 | 22466 |
| | 10 | 30999 | 41225 | 60417 | 100023 | 11211 | 13558 | 17552 | 24820 |
| | 20 | 37294 | 49138 | 69811 | 114448 | 12679 | 15258 | 19372 | 27260 |
| | 25 | 39242 | 50827 | 71996 | 119076 | 13118 | 15611 | 19785 | 28025 |
| 2 | 5 | 19040 | 25285 | 43966 | 86610 | 8139 | 9800 | 14157 | 22466 |
| | 10 | 22014 | 30058 | 47733 | 87089 | 8948 | 10984 | 14963 | 22552 |
| | 20 | 24900 | 36007 | 55597 | 98617 | 9701 | 12385 | 16588 | 24578 |
| | 25 | 26398 | 37894 | 57576 | 101930 | 10081 | 12815 | 16987 | 25148 |
| 3 | 5 | 41931 | 51478 | 69581 | 105107 | 13714 | 15746 | 19328 | 25690 |
| | 10 | 55241 | 66793 | 87210 | 128881 | 16516 | 18795 | 22573 | 29621 |
| | 20 | 63995 | 76998 | 98753 | 150793 | 18254 | 20718 | 24601 | 33078 |
| | 25 | 65945 | 79478 | 102070 | 167067 | 18632 | 21174 | 25172 | 35562 |
| 4 | 5 | 25868 | 32748 | 46275 | 86610 | 9948 | 11627 | 14653 | 22466 |
| | 10 | 30932 | 41120 | 60318 | 99917 | 11195 | 13535 | 17533 | 24802 |
| | 20 | 37202 | 49030 | 69700 | 114326 | 12658 | 15236 | 19351 | 27239 |
| | 25 | 39146 | 51094 | 71880 | 118938 | 13097 | 15666 | 19763 | 28002 |
| 5 | 5 | 18998 | 25246 | 43966 | 86610 | 8127 | 9790 | 14157 | 22466 |
| | 10 | 21959 | 30007 | 47658 | 87008 | 8933 | 10972 | 14947 | 22537 |
| | 20 | 24824 | 35938 | 55517 | 98527 | 9682 | 12369 | 16572 | 24562 |
| | 25 | 26319 | 37821 | 57498 | 101836 | 10062 | 12798 | 16971 | 25132 |
| 6 | 5 | 21802 | 27835 | 43966 | 86610 | 8891 | 10440 | 14157 | 22466 |
| | 10 | 25649 | 33461 | 52453 | 91520 | 9892 | 11795 | 15947 | 23338 |
| | 20 | 29880 | 40658 | 60959 | 104741 | 10941 | 13433 | 17659 | 25628 |
| | 25 | 31582 | 42769 | 62860 | 108260 | 11351 | 13897 | 18033 | 26224 |
| 7 | 5 | 19604 | 25712 | 43966 | 86610 | 8295 | 9908 | 14157 | 22466 |
| | 10 | 22741 | 30731 | 48733 | 87088 | 9140 | 11147 | 15173 | 22552 |
| | 20 | 25908 | 36928 | 56656 | 99822 | 9958 | 12596 | 16802 | 24786 |
| | 25 | 27353 | 38859 | 58620 | 103175 | 10321 | 13032 | 17195 | 25361 |
| 8 | 5 | 22403 | 28402 | 43966 | 86610 | 9051 | 10580 | 14157 | 22466 |
| | 10 | 26326 | 34192 | 53553 | 92715 | 10063 | 11966 | 16172 | 23549 |
| | 20 | 30961 | 41656 | 62114 | 106068 | 11202 | 13653 | 17886 | 25853 |
| | 25 | 32704 | 43817 | 63998 | 109632 | 11617 | 14125 | 18255 | 26455 |

TABLE 5.111 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5587000 Macoupin Creek near Kane

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| Q7,10 | 10 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| 1 | 5 | 19604 | 23561 | 33350 | 57597 | 8295 | 9355 | 11769 | 16991 |
| | 10 | 21701 | 25842 | 34651 | 57597 | 8864 | 9941 | 12072 | 16991 |
| | 20 | 23471 | 29461 | 40126 | 63956 | 9332 | 10840 | 13315 | 18246 |
| | 25 | 24740 | 30624 | 41642 | 69048 | 9660 | 11121 | 13650 | 19227 |
| 2 | 5 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| | 10 | 19721 | 23561 | 33350 | 57597 | 8328 | 9355 | 11769 | 16991 |
| | 20 | 21027 | 25921 | 36160 | 59188 | 8684 | 9961 | 12420 | 17309 |
| | 25 | 21835 | 27117 | 37511 | 62713 | 8900 | 10262 | 12728 | 18004 |
| 3 | 5 | 24865 | 28870 | 36834 | 57597 | 9692 | 10695 | 12574 | 16991 |
| | 10 | 29252 | 34975 | 44845 | 66389 | 10789 | 12147 | 14347 | 18717 |
| | 20 | 33866 | 40501 | 52202 | 82366 | 11890 | 13398 | 15895 | 21701 |
| | 25 | 35121 | 42033 | 54466 | 93507 | 12181 | 13736 | 16359 | 23688 |
| 4 | 5 | 20400 | 23561 | 33350 | 57597 | 8513 | 9355 | 11769 | 16991 |
| | 10 | 22755 | 26946 | 36168 | 57597 | 9144 | 10219 | 12422 | 16991 |
| | 20 | 25102 | 31002 | 41886 | 66074 | 9753 | 11212 | 13704 | 18657 |
| | 25 | 26323 | 32176 | 43476 | 71999 | 10063 | 11492 | 14051 | 19785 |
| 5 | 5 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| | 10 | 19525 | 23561 | 33350 | 57597 | 8274 | 9355 | 11769 | 16991 |
| | 20 | 20790 | 25493 | 35694 | 58628 | 8619 | 9853 | 12313 | 17197 |
| | 25 | 21500 | 26703 | 37025 | 62014 | 8811 | 10158 | 12618 | 17867 |
| 6 | 5 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| | 10 | 20145 | 23975 | 33350 | 57597 | 8444 | 9463 | 11769 | 16991 |
| | 20 | 21541 | 26843 | 37168 | 60399 | 8822 | 10193 | 12650 | 17549 |
| | 25 | 22541 | 28009 | 38560 | 64225 | 9088 | 10483 | 12965 | 18299 |
| 7 | 5 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| | 10 | 19591 | 23561 | 33350 | 57597 | 8292 | 9355 | 11769 | 16991 |
| | 20 | 20870 | 25637 | 35851 | 58817 | 8641 | 9889 | 12349 | 17235 |
| | 25 | 21613 | 26842 | 37189 | 62250 | 8841 | 10193 | 12655 | 17913 |
| 8 | 5 | 19023 | 23561 | 33350 | 57597 | 8134 | 9355 | 11769 | 16991 |
| | 10 | 20239 | 24116 | 33350 | 57597 | 8470 | 9499 | 11769 | 16991 |
| | 20 | 21655 | 27047 | 37391 | 60667 | 8852 | 10244 | 12701 | 17602 |
| | 25 | 22694 | 28206 | 38792 | 64559 | 9128 | 10532 | 13017 | 18364 |

TABLE 5.112 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5589500 Canteen Creek at Caseyville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 180 | 352 | 849 | 2025 | 484 | 711 | 1190 | 2000 |
| Q7,10 | 10 | 180 | 352 | 849 | 2025 | 484 | 711 | 1190 | 2000 |
| 1 | 5 | 319 | 438 | 849 | 2025 | 672 | 807 | 1190 | 2000 |
| | 10 | 394 | 553 | 869 | 2025 | 759 | 925 | 1206 | 2000 |
| | 20 | 540 | 784 | 1273 | 2517 | 912 | 1136 | 1514 | 2282 |
| | 25 | 579 | 862 | 1399 | 2985 | 950 | 1201 | 1602 | 2532 |
| 2 | 5 | 221 | 352 | 849 | 2025 | 544 | 711 | 1190 | 2000 |
| | 10 | 261 | 419 | 849 | 2025 | 599 | 787 | 1190 | 2000 |
| | 20 | 325 | 580 | 1025 | 2120 | 680 | 951 | 1330 | 2057 |
| | 25 | 329 | 627 | 1130 | 2558 | 685 | 995 | 1410 | 2305 |
| 3 | 5 | 526 | 677 | 919 | 2025 | 899 | 1042 | 1247 | 2000 |
| | 10 | 666 | 847 | 1324 | 2245 | 1031 | 1188 | 1549 | 2129 |
| | 20 | 951 | 1244 | 1780 | 3355 | 1272 | 1493 | 1851 | 2720 |
| | 25 | 1049 | 1368 | 2001 | 4185 | 1349 | 1580 | 1986 | 3116 |
| 4 | 5 | 312 | 429 | 849 | 2025 | 663 | 798 | 1190 | 2000 |
| | 10 | 385 | 542 | 853 | 2025 | 749 | 915 | 1194 | 2000 |
| | 20 | 524 | 767 | 1255 | 2483 | 896 | 1121 | 1501 | 2264 |
| | 25 | 560 | 844 | 1380 | 2947 | 932 | 1186 | 1588 | 2512 |
| 5 | 5 | 207 | 352 | 849 | 2025 | 523 | 711 | 1190 | 2000 |
| | 10 | 239 | 391 | 849 | 2025 | 569 | 756 | 1190 | 2000 |
| | 20 | 293 | 534 | 972 | 2050 | 640 | 906 | 1290 | 2015 |
| | 25 | 300 | 572 | 1073 | 2450 | 648 | 944 | 1367 | 2245 |
| 6 | 5 | 229 | 352 | 849 | 2025 | 555 | 711 | 1190 | 2000 |
| | 10 | 274 | 435 | 849 | 2025 | 615 | 804 | 1190 | 2000 |
| | 20 | 343 | 604 | 1054 | 2159 | 701 | 974 | 1353 | 2079 |
| | 25 | 346 | 655 | 1161 | 2615 | 704 | 1022 | 1433 | 2336 |
| 7 | 5 | 231 | 352 | 849 | 2025 | 557 | 711 | 1190 | 2000 |
| | 10 | 276 | 438 | 849 | 2025 | 618 | 807 | 1190 | 2000 |
| | 20 | 347 | 609 | 1060 | 2167 | 705 | 979 | 1357 | 2084 |
| | 25 | 349 | 661 | 1168 | 2626 | 708 | 1027 | 1438 | 2342 |
| 8 | 5 | 276 | 395 | 849 | 2025 | 618 | 760 | 1190 | 2000 |
| | 10 | 338 | 497 | 849 | 2025 | 695 | 869 | 1190 | 2000 |
| | 20 | 445 | 698 | 1169 | 2342 | 815 | 1061 | 1439 | 2184 |
| | 25 | 466 | 767 | 1287 | 2779 | 838 | 1121 | 1523 | 2424 |

TABLE 5.113 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5590000 Kaskaskia River at Bondville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 113 | 290 | 587 | 1153 | 371 | 636 | 958 | 1427 |
| Q7,10 | 10 | 133 | 290 | 587 | 1153 | 407 | 636 | 958 | 1427 |
| 1 | 5 | 235 | 346 | 587 | 1153 | 564 | 704 | 958 | 1427 |
| | 10 | 246 | 406 | 685 | 1217 | 578 | 773 | 1049 | 1474 |
| | 20 | 303 | 482 | 768 | 1350 | 652 | 853 | 1122 | 1568 |
| | 25 | 312 | 490 | 782 | 1550 | 663 | 862 | 1134 | 1703 |
| 2 | 5 | 170 | 290 | 587 | 1153 | 468 | 636 | 958 | 1427 |
| | 10 | 176 | 320 | 589 | 1153 | 478 | 674 | 960 | 1427 |
| | 20 | 209 | 381 | 673 | 1229 | 526 | 745 | 1038 | 1483 |
| | 25 | 215 | 390 | 685 | 1339 | 536 | 755 | 1049 | 1560 |
| 3 | 5 | 298 | 407 | 587 | 1153 | 647 | 774 | 958 | 1427 |
| | 10 | 339 | 495 | 779 | 1309 | 696 | 867 | 1132 | 1539 |
| | 20 | 403 | 580 | 862 | 1485 | 769 | 952 | 1201 | 1660 |
| | 25 | 412 | 589 | 878 | 1774 | 779 | 960 | 1214 | 1847 |
| 4 | 5 | 203 | 316 | 587 | 1153 | 518 | 669 | 958 | 1427 |
| | 10 | 207 | 363 | 637 | 1171 | 524 | 724 | 1005 | 1440 |
| | 20 | 255 | 432 | 721 | 1287 | 590 | 801 | 1081 | 1523 |
| | 25 | 263 | 440 | 734 | 1460 | 602 | 810 | 1092 | 1643 |
| 5 | 5 | 182 | 297 | 587 | 1153 | 487 | 645 | 958 | 1427 |
| | 10 | 188 | 337 | 607 | 1153 | 496 | 694 | 977 | 1427 |
| | 20 | 226 | 400 | 691 | 1246 | 551 | 766 | 1054 | 1494 |
| | 25 | 234 | 409 | 703 | 1384 | 562 | 776 | 1065 | 1591 |
| 6 | 5 | 219 | 332 | 587 | 1153 | 542 | 687 | 958 | 1427 |
| | 10 | 223 | 385 | 661 | 1194 | 546 | 749 | 1027 | 1457 |
| | 20 | 277 | 457 | 744 | 1320 | 620 | 827 | 1101 | 1546 |
| | 25 | 286 | 465 | 758 | 1506 | 631 | 837 | 1113 | 1673 |
| 7 | 5 | 203 | 316 | 587 | 1153 | 518 | 669 | 958 | 1427 |
| | 10 | 207 | 363 | 637 | 1171 | 524 | 724 | 1005 | 1440 |
| | 20 | 255 | 432 | 721 | 1287 | 590 | 801 | 1081 | 1523 |
| | 25 | 263 | 440 | 734 | 1460 | 602 | 810 | 1092 | 1643 |
| 8 | 5 | 255 | 365 | 587 | 1153 | 591 | 726 | 958 | 1427 |
| | 10 | 275 | 434 | 714 | 1246 | 617 | 804 | 1075 | 1494 |
| | 20 | 335 | 513 | 797 | 1388 | 691 | 885 | 1147 | 1594 |
| | 25 | 344 | 521 | 812 | 1611 | 702 | 894 | 1160 | 1743 |

TABLE 5.114 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5592000 Kaskaskia River at Shelbyville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 33720 | 43303 | 61652 | 102981 | 11855 | 14013 | 17796 | 25328 |
| Q7,10 | 10 | 35407 | 43341 | 61652 | 102981 | 12247 | 14022 | 17796 | 25328 |
| 1 | 5 | 34377 | 43303 | 61652 | 102981 | 12009 | 14013 | 17796 | 25328 |
| | 10 | 36219 | 44764 | 61652 | 102981 | 12434 | 14329 | 17796 | 25328 |
| | 20 | 38190 | 48486 | 67284 | 108266 | 12882 | 15122 | 18889 | 26225 |
| | 25 | 39291 | 49879 | 68963 | 112188 | 13129 | 15413 | 19210 | 26883 |
| 2 | 5 | 33720 | 43303 | 61652 | 102981 | 11855 | 14013 | 17796 | 25328 |
| | 10 | 34383 | 43303 | 61652 | 102981 | 12010 | 14013 | 17796 | 25328 |
| | 20 | 35672 | 45181 | 63836 | 104149 | 12308 | 14419 | 18223 | 25527 |
| | 25 | 36369 | 46601 | 65312 | 107260 | 12468 | 14723 | 18509 | 26055 |
| 3 | 5 | 37293 | 44351 | 61652 | 102981 | 12679 | 14240 | 17796 | 25328 |
| | 10 | 40508 | 49958 | 66400 | 103199 | 13400 | 15430 | 18719 | 25365 |
| | 20 | 43484 | 54617 | 73698 | 115923 | 14053 | 16390 | 20104 | 27505 |
| | 25 | 44917 | 55952 | 75750 | 120812 | 14362 | 16660 | 20487 | 28310 |
| 4 | 5 | 34286 | 43303 | 61652 | 102981 | 11988 | 14013 | 17796 | 25328 |
| | 10 | 36095 | 44597 | 61652 | 102981 | 12406 | 14293 | 17796 | 25328 |
| | 20 | 38025 | 48289 | 67078 | 108020 | 12844 | 15080 | 18850 | 26183 |
| | 25 | 39116 | 49684 | 68745 | 111861 | 13090 | 15373 | 19169 | 26829 |
| 5 | 5 | 33720 | 43303 | 61652 | 102981 | 11855 | 14013 | 17796 | 25328 |
| | 10 | 34531 | 43303 | 61652 | 102981 | 12045 | 14013 | 17796 | 25328 |
| | 20 | 35843 | 45404 | 64068 | 104426 | 12348 | 14467 | 18268 | 25574 |
| | 25 | 36566 | 46822 | 65558 | 107540 | 12513 | 14770 | 18557 | 26102 |
| 6 | 5 | 34032 | 43303 | 61652 | 102981 | 11929 | 14013 | 17796 | 25328 |
| | 10 | 35979 | 44129 | 61652 | 102981 | 12379 | 14192 | 17796 | 25328 |
| | 20 | 37560 | 47738 | 66503 | 107333 | 12739 | 14964 | 18739 | 26067 |
| | 25 | 38628 | 49137 | 68135 | 110947 | 12980 | 15258 | 19052 | 26676 |
| 7 | 5 | 33720 | 43303 | 61652 | 102981 | 11855 | 14013 | 17796 | 25328 |
| | 10 | 35121 | 43303 | 61652 | 102981 | 12181 | 14013 | 17796 | 25328 |
| | 20 | 36390 | 46347 | 65052 | 105600 | 12473 | 14669 | 18459 | 25774 |
| | 25 | 37400 | 47758 | 66599 | 108723 | 12703 | 14968 | 18758 | 26302 |
| 8 | 5 | 34687 | 43303 | 61652 | 102981 | 12081 | 14013 | 17796 | 25328 |
| | 10 | 36644 | 45336 | 61652 | 102981 | 12531 | 14452 | 17796 | 25328 |
| | 20 | 38758 | 49160 | 67988 | 109107 | 13009 | 15263 | 19024 | 26367 |
| | 25 | 39887 | 50547 | 69708 | 113309 | 13262 | 15553 | 19352 | 27070 |

TABLE 5.115 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5592500 Kaskaskia River at Vandalia

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 59359 | 71532 | 100324 | 170894 | 17343 | 19697 | 24872 | 36138 |
| Q7,10 | 10 | 61624 | 72695 | 100324 | 170894 | 17790 | 19916 | 24872 | 36138 |
| 1 | 5 | 64099 | 73114 | 100324 | 170894 | 18274 | 19995 | 24872 | 36138 |
| | 10 | 71067 | 84112 | 111712 | 176400 | 19610 | 22017 | 26804 | 36959 |
| | 20 | 77419 | 93981 | 127135 | 199879 | 20796 | 23771 | 29339 | 40394 |
| | 25 | 80283 | 97383 | 132645 | 207541 | 21322 | 24364 | 30225 | 41493 |
| 2 | 5 | 59359 | 71532 | 100324 | 170894 | 17343 | 19697 | 24872 | 36138 |
| | 10 | 62704 | 74472 | 100324 | 170894 | 18002 | 20249 | 24872 | 36138 |
| | 20 | 66462 | 81747 | 112050 | 182546 | 18731 | 21589 | 26860 | 37869 |
| | 25 | 68254 | 84821 | 116535 | 189269 | 19075 | 22145 | 27606 | 38855 |
| 3 | 5 | 74224 | 87093 | 111830 | 170894 | 20203 | 22553 | 26823 | 36138 |
| | 10 | 85634 | 102447 | 132990 | 200904 | 22291 | 25236 | 30280 | 40542 |
| | 20 | 95924 | 116061 | 151559 | 227152 | 24110 | 27527 | 33197 | 44261 |
| | 25 | 99368 | 120818 | 157304 | 245924 | 24707 | 28311 | 34080 | 46855 |
| 4 | 5 | 62325 | 71532 | 100324 | 170894 | 17928 | 19697 | 24872 | 36138 |
| | 10 | 68500 | 81753 | 108584 | 172443 | 19122 | 21590 | 26278 | 36369 |
| | 20 | 74270 | 90966 | 123396 | 195581 | 20211 | 23241 | 28732 | 39773 |
| | 25 | 76985 | 94300 | 128651 | 203010 | 20716 | 23827 | 29584 | 40845 |
| 5 | 5 | 59359 | 71532 | 100324 | 170894 | 17343 | 19697 | 24872 | 36138 |
| | 10 | 64596 | 77569 | 103095 | 170894 | 18371 | 20823 | 25347 | 36138 |
| | 20 | 68819 | 85665 | 116835 | 188042 | 19183 | 22297 | 27655 | 38676 |
| | 25 | 71282 | 88872 | 121644 | 195063 | 19650 | 22870 | 28446 | 39698 |
| 6 | 5 | 62686 | 71744 | 100324 | 170894 | 17999 | 19737 | 24872 | 36138 |
| | 10 | 69023 | 82234 | 109222 | 173250 | 19222 | 21677 | 26386 | 36490 |
| | 20 | 74913 | 91581 | 124158 | 196457 | 20331 | 23349 | 28856 | 39900 |
| | 25 | 77658 | 94929 | 129465 | 203934 | 20840 | 23937 | 29715 | 40977 |
| 7 | 5 | 60536 | 71532 | 100324 | 170894 | 17576 | 19697 | 24872 | 36138 |
| | 10 | 66356 | 79370 | 105423 | 170894 | 18711 | 21155 | 25744 | 36138 |
| | 20 | 71079 | 87915 | 119618 | 191239 | 19612 | 22699 | 28114 | 39143 |
| | 25 | 73647 | 91177 | 124616 | 198434 | 20095 | 23278 | 28931 | 40186 |
| 8 | 5 | 64882 | 73872 | 100324 | 170894 | 18426 | 20137 | 24872 | 36138 |
| | 10 | 72189 | 85151 | 113090 | 178143 | 19821 | 22204 | 27034 | 37218 |
| | 20 | 78805 | 95308 | 128783 | 201773 | 21051 | 24003 | 29605 | 40667 |
| | 25 | 81735 | 98739 | 134406 | 209537 | 21587 | 24599 | 30506 | 41778 |

TABLE 5.116 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5593000 Kaskaskia River at Carlyle

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 12166 | 31867 | 77688 | 179665 | 6095 | 11418 | 20845 | 37444 |
| Q7,10 | 10 | 21460 | 39472 | 77688 | 179665 | 8800 | 13169 | 20845 | 37444 |
| 1 | 5 | 22514 | 35396 | 77688 | 179665 | 9080 | 12245 | 20845 | 37444 |
| | 10 | 31495 | 49558 | 88016 | 181277 | 11330 | 15346 | 22717 | 37682 |
| | 20 | 41499 | 66668 | 111757 | 218563 | 13619 | 18771 | 26811 | 43056 |
| | 25 | 44528 | 71813 | 120566 | 227291 | 14279 | 19750 | 28270 | 44280 |
| 2 | 5 | 14528 | 31867 | 77688 | 179665 | 6831 | 11418 | 20845 | 37444 |
| | 10 | 19452 | 36647 | 77688 | 179665 | 8253 | 12532 | 20845 | 37444 |
| | 20 | 25043 | 48702 | 91922 | 194958 | 9738 | 15167 | 23409 | 39683 |
| | 25 | 26807 | 52270 | 99131 | 205311 | 10184 | 15909 | 24666 | 41174 |
| 3 | 5 | 50230 | 68331 | 103855 | 189096 | 15487 | 19090 | 25477 | 38830 |
| | 10 | 69524 | 92894 | 139849 | 234116 | 19317 | 23580 | 31369 | 45229 |
| | 20 | 89966 | 117399 | 170645 | 278370 | 23064 | 27749 | 36100 | 51230 |
| | 25 | 97020 | 126673 | 179248 | 320309 | 24301 | 29264 | 37382 | 56706 |
| 4 | 5 | 25322 | 38075 | 77688 | 179665 | 9809 | 12856 | 20845 | 37444 |
| | 10 | 35474 | 53359 | 93051 | 187305 | 12263 | 16133 | 23608 | 38568 |
| | 20 | 47081 | 71894 | 117581 | 222288 | 14825 | 19766 | 27779 | 43580 |
| | 25 | 50508 | 77511 | 126870 | 234801 | 15544 | 20813 | 29296 | 45324 |
| 5 | 5 | 16365 | 31867 | 77688 | 179665 | 7377 | 11418 | 20845 | 37444 |
| | 10 | 22983 | 41509 | 77688 | 179665 | 9204 | 13621 | 20845 | 37444 |
| | 20 | 29549 | 55573 | 99465 | 203908 | 10861 | 16583 | 24724 | 40973 |
| | 25 | 31806 | 59737 | 107275 | 214940 | 11404 | 17418 | 26058 | 42544 |
| 6 | 5 | 21191 | 34164 | 77688 | 179665 | 8728 | 11959 | 20845 | 37444 |
| | 10 | 29654 | 47812 | 85705 | 179665 | 10886 | 14979 | 22304 | 37444 |
| | 20 | 39013 | 64265 | 109085 | 215370 | 13067 | 18306 | 26363 | 42605 |
| | 25 | 41759 | 69194 | 117674 | 223852 | 13676 | 19254 | 27794 | 43799 |
| 7 | 5 | 16879 | 31867 | 77688 | 179665 | 7526 | 11418 | 20845 | 37444 |
| | 10 | 23702 | 42194 | 78279 | 179665 | 9392 | 13771 | 20954 | 37444 |
| | 20 | 30557 | 56520 | 100509 | 205150 | 11105 | 16775 | 24904 | 41151 |
| | 25 | 32883 | 60766 | 108403 | 216276 | 11659 | 17621 | 26248 | 42733 |
| 8 | 5 | 21942 | 34862 | 77688 | 179665 | 8929 | 12121 | 20845 | 37444 |
| | 10 | 30698 | 48801 | 87015 | 180080 | 11139 | 15188 | 22538 | 37505 |
| | 20 | 40489 | 65627 | 110599 | 217179 | 13396 | 18570 | 26617 | 42861 |
| | 25 | 43330 | 70678 | 119312 | 225800 | 14019 | 19536 | 28064 | 44072 |

TABLE 5.117 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5594000 Shoal Creek near Breese

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 18864 | 22763 | 32391 | 56625 | 8090 | 9146 | 11543 | 16796 |
| Q7,10 | 10 | 18864 | 22763 | 32391 | 56625 | 8090 | 9146 | 11543 | 16796 |
| 1 | 5 | 19894 | 22763 | 32391 | 56625 | 8375 | 9146 | 11543 | 16796 |
| | 10 | 21814 | 25588 | 33895 | 56625 | 8895 | 9877 | 11897 | 16796 |
| | 20 | 23500 | 29114 | 39699 | 63327 | 9339 | 10755 | 13220 | 18124 |
| | 25 | 24141 | 30033 | 41082 | 65715 | 9506 | 10979 | 13527 | 18587 |
| 2 | 5 | 18864 | 22763 | 32391 | 56625 | 8090 | 9146 | 11543 | 16796 |
| | 10 | 19823 | 23191 | 32391 | 56625 | 8356 | 9259 | 11543 | 16796 |
| | 20 | 20886 | 25653 | 35549 | 58403 | 8646 | 9893 | 12280 | 17152 |
| | 25 | 21286 | 26404 | 36753 | 60780 | 8753 | 10083 | 12556 | 17624 |
| 3 | 5 | 24491 | 28256 | 36056 | 56625 | 9596 | 10544 | 12397 | 16796 |
| | 10 | 28404 | 33776 | 43865 | 65905 | 10581 | 11869 | 14135 | 18624 |
| | 20 | 32892 | 39550 | 51150 | 76209 | 11661 | 13187 | 15678 | 20572 |
| | 25 | 33983 | 40927 | 53300 | 86222 | 11917 | 13493 | 16121 | 22397 |
| 4 | 5 | 20436 | 23033 | 32391 | 56625 | 8523 | 9217 | 11543 | 16796 |
| | 10 | 22497 | 26351 | 34966 | 56625 | 9076 | 10070 | 12145 | 16796 |
| | 20 | 24655 | 30201 | 41027 | 64906 | 9638 | 11019 | 13515 | 18431 |
| | 25 | 25354 | 31172 | 42467 | 67297 | 9817 | 11253 | 13831 | 18892 |
| 5 | 5 | 18864 | 22763 | 32391 | 56625 | 8090 | 9146 | 11543 | 16796 |
| | 10 | 20064 | 23544 | 32391 | 56625 | 8422 | 9351 | 11543 | 16796 |
| | 20 | 21210 | 26177 | 36159 | 59125 | 8733 | 10026 | 12420 | 17296 |
| | 25 | 21646 | 26954 | 37389 | 61504 | 8850 | 10221 | 12701 | 17767 |
| 6 | 5 | 19211 | 22763 | 32391 | 56625 | 8187 | 9146 | 11543 | 16796 |
| | 10 | 20803 | 24617 | 32536 | 56625 | 8623 | 9628 | 11577 | 16796 |
| | 20 | 22185 | 27730 | 38013 | 61325 | 8993 | 10414 | 12842 | 17731 |
| | 25 | 22745 | 28584 | 39323 | 63708 | 9142 | 10625 | 13136 | 18198 |
| 7 | 5 | 19028 | 22763 | 32391 | 56625 | 8136 | 9146 | 11543 | 16796 |
| | 10 | 20487 | 24159 | 32391 | 56625 | 8537 | 9510 | 11543 | 16796 |
| | 20 | 21769 | 27080 | 37222 | 60387 | 8883 | 10253 | 12663 | 17546 |
| | 25 | 22276 | 27904 | 38498 | 62768 | 9017 | 10457 | 12951 | 18015 |
| 8 | 5 | 19767 | 22763 | 32391 | 56625 | 8340 | 9146 | 11543 | 16796 |
| | 10 | 21626 | 25410 | 33645 | 56625 | 8845 | 9832 | 11838 | 16796 |
| | 20 | 23230 | 28859 | 39389 | 62959 | 9269 | 10693 | 13151 | 18052 |
| | 25 | 23857 | 29767 | 40758 | 65345 | 9432 | 10914 | 13455 | 18516 |

TABLE 5.118 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5595000 Kaskaskia River at New Athens

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 21815 | 46744 | 117671 | 292986 | 8895 | 14753 | 27793 | 53159 |
| Q7,10 | 10 | 29251 | 57370 | 117671 | 292986 | 10788 | 16945 | 27793 | 53159 |
| 1 | 5 | 38129 | 59213 | 117671 | 292986 | 12868 | 17314 | 27793 | 53159 |
| | 10 | 53279 | 82624 | 152816 | 310321 | 16116 | 21748 | 33391 | 55418 |
| | 20 | 74866 | 115629 | 196697 | 378107 | 20322 | 27456 | 39935 | 63984 |
| | 25 | 80374 | 123133 | 207519 | 395103 | 21338 | 28689 | 41490 | 66072 |
| 2 | 5 | 21815 | 46744 | 117671 | 292986 | 8895 | 14753 | 27793 | 53159 |
| | 10 | 28864 | 56533 | 117671 | 292986 | 10694 | 16777 | 27793 | 53159 |
| | 20 | 40064 | 79486 | 153517 | 327177 | 13301 | 21176 | 33499 | 57586 |
| | 25 | 44062 | 85232 | 162483 | 347279 | 14178 | 22219 | 34869 | 60137 |
| 3 | 5 | 74526 | 101216 | 159551 | 299587 | 20259 | 25025 | 34423 | 54023 |
| | 10 | 106894 | 148073 | 224264 | 382557 | 25993 | 32656 | 43857 | 64532 |
| | 20 | 142919 | 191433 | 276350 | 467418 | 31852 | 39171 | 50961 | 74741 |
| | 25 | 151482 | 201862 | 293165 | 501354 | 33185 | 40680 | 53183 | 78701 |
| 4 | 5 | 36046 | 56465 | 117671 | 292986 | 12394 | 16764 | 27793 | 53159 |
| | 10 | 50452 | 78323 | 148235 | 305427 | 15533 | 20962 | 32681 | 54784 |
| | 20 | 71054 | 110684 | 191613 | 372121 | 19607 | 26632 | 39197 | 63243 |
| | 25 | 76152 | 118004 | 202054 | 395074 | 20561 | 27848 | 40707 | 66069 |
| 5 | 5 | 29704 | 50497 | 117671 | 292986 | 10899 | 15542 | 27793 | 53159 |
| | 10 | 41889 | 70283 | 135938 | 292986 | 13705 | 19461 | 30750 | 53159 |
| | 20 | 58888 | 99049 | 177397 | 355291 | 17249 | 24652 | 37108 | 61144 |
| | 25 | 63549 | 105775 | 187279 | 377213 | 18167 | 25804 | 38564 | 63873 |
| 6 | 5 | 39780 | 61399 | 117671 | 292986 | 13238 | 17746 | 27793 | 53159 |
| | 10 | 55524 | 86047 | 156472 | 314232 | 16574 | 22365 | 33952 | 55924 |
| | 20 | 78055 | 119568 | 200757 | 382894 | 20913 | 28106 | 40521 | 64574 |
| | 25 | 83731 | 127219 | 211883 | 399533 | 21948 | 29353 | 42111 | 66613 |
| 7 | 5 | 31640 | 52280 | 117671 | 292986 | 11365 | 15911 | 27793 | 53159 |
| | 10 | 44506 | 72544 | 139625 | 295450 | 14274 | 19888 | 31334 | 53482 |
| | 20 | 62569 | 102529 | 181664 | 360337 | 17976 | 25251 | 37739 | 61776 |
| | 25 | 67414 | 109433 | 191711 | 382586 | 18914 | 26421 | 39211 | 64536 |
| 8 | 5 | 42629 | 65199 | 117671 | 292986 | 13866 | 18488 | 27793 | 53159 |
| | 10 | 59423 | 92002 | 162851 | 321069 | 17355 | 23423 | 34925 | 56804 |
| | 20 | 83588 | 126430 | 207847 | 385921 | 21922 | 29225 | 41537 | 64946 |
| | 25 | 89536 | 134339 | 219503 | 407978 | 22988 | 30495 | 43189 | 67641 |

TABLE 5.119 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5596000 Big Muddy River near Benton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 4607 | 10435 | 21772 | 47665 | 3307 | 5526 | 8883 | 14948 |
| Q7,10 | 10 | 15218 | 20852 | 31016 | 53443 | 7039 | 8636 | 11215 | 16150 |
| 1 | 5 | 4670 | 10435 | 21772 | 47665 | 3335 | 5526 | 8883 | 14948 |
| | 10 | 5536 | 10435 | 21772 | 47665 | 3707 | 5526 | 8883 | 14948 |
| | 20 | 6527 | 12336 | 23188 | 48328 | 4108 | 6150 | 9258 | 15088 |
| | 25 | 6670 | 12828 | 24413 | 51679 | 4165 | 6306 | 9576 | 15787 |
| 2 | 5 | 4607 | 10435 | 21772 | 47665 | 3307 | 5526 | 8883 | 14948 |
| | 10 | 4808 | 10435 | 21772 | 47665 | 3396 | 5526 | 8883 | 14948 |
| | 20 | 5584 | 11210 | 21983 | 47665 | 3727 | 5785 | 8940 | 14948 |
| | 25 | 5663 | 11640 | 23096 | 49666 | 3760 | 5925 | 9234 | 15369 |
| 3 | 5 | 7468 | 11558 | 21772 | 47665 | 4471 | 5899 | 8883 | 14948 |
| | 10 | 9296 | 14976 | 24444 | 47665 | 5135 | 6966 | 9584 | 14948 |
| | 20 | 11350 | 17753 | 29195 | 56288 | 5831 | 7777 | 10775 | 16728 |
| | 25 | 11788 | 18566 | 30946 | 62752 | 5973 | 8007 | 11198 | 18011 |
| 4 | 5 | 5466 | 10435 | 21772 | 47665 | 3678 | 5526 | 8883 | 14948 |
| | 10 | 6601 | 11634 | 21772 | 47665 | 4138 | 5923 | 8883 | 14948 |
| | 20 | 7942 | 14031 | 25017 | 50564 | 4648 | 6680 | 9731 | 15556 |
| | 25 | 8178 | 14617 | 26408 | 54851 | 4735 | 6858 | 10084 | 16437 |
| 5 | 5 | 4607 | 10435 | 21772 | 47665 | 3307 | 5526 | 8883 | 14948 |
| | 10 | 4628 | 10435 | 21772 | 47665 | 3317 | 5526 | 8883 | 14948 |
| | 20 | 5349 | 10935 | 21772 | 47665 | 3628 | 5694 | 8883 | 14948 |
| | 25 | 5411 | 11350 | 22776 | 49182 | 3654 | 5830 | 9150 | 15268 |
| 6 | 5 | 4607 | 10435 | 21772 | 47665 | 3307 | 5526 | 8883 | 14948 |
| | 10 | 4935 | 10435 | 21772 | 47665 | 3451 | 5526 | 8883 | 14948 |
| | 20 | 5752 | 11406 | 22192 | 47665 | 3796 | 5849 | 8995 | 14948 |
| | 25 | 5841 | 11847 | 23325 | 50012 | 3833 | 5993 | 9294 | 15441 |
| 7 | 5 | 4607 | 10435 | 21772 | 47665 | 3307 | 5526 | 8883 | 14948 |
| | 10 | 4926 | 10435 | 21772 | 47665 | 3447 | 5526 | 8883 | 14948 |
| | 20 | 5739 | 11391 | 22176 | 47665 | 3791 | 5844 | 8991 | 14948 |
| | 25 | 5828 | 11832 | 23308 | 49986 | 3828 | 5988 | 9289 | 15436 |
| 8 | 5 | 4607 | 10435 | 21772 | 47665 | 3307 | 5526 | 8883 | 14948 |
| | 10 | 5411 | 10435 | 21772 | 47665 | 3655 | 5526 | 8883 | 14948 |
| | 20 | 6363 | 12142 | 22979 | 48079 | 4044 | 6088 | 9203 | 15036 |
| | 25 | 6495 | 12624 | 24185 | 51325 | 4096 | 6241 | 9517 | 15714 |

TABLE 5.120 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5597000 Big Muddy River at Plumfield

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| Q7,10 | 10 | 21543 | 30278 | 44647 | 92112 | 8822 | 11038 | 14304 | 23443 |
| 1 | 5 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 10 | 10772 | 20129 | 37438 | 92112 | 5639 | 8440 | 12712 | 23443 |
| | 20 | 12279 | 22216 | 39549 | 92112 | 6132 | 9002 | 13187 | 23443 |
| | 25 | 12689 | 22635 | 41807 | 99030 | 6262 | 9113 | 13686 | 24649 |
| 2 | 5 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 10 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 20 | 10652 | 20580 | 37557 | 92112 | 5599 | 8562 | 12739 | 23443 |
| | 25 | 11160 | 20809 | 39628 | 95574 | 5768 | 8625 | 13204 | 24049 |
| 3 | 5 | 12711 | 21847 | 37438 | 92112 | 6269 | 8904 | 12712 | 23443 |
| | 10 | 17292 | 26179 | 40686 | 92112 | 7645 | 10026 | 13439 | 23443 |
| | 20 | 19020 | 29048 | 48100 | 100426 | 8134 | 10739 | 15040 | 24890 |
| | 25 | 19066 | 30301 | 51190 | 114030 | 8146 | 11043 | 15686 | 27190 |
| 4 | 5 | 9852 | 18962 | 37438 | 92112 | 5328 | 8118 | 12712 | 23443 |
| | 10 | 13023 | 22256 | 37438 | 92112 | 6367 | 9012 | 12712 | 23443 |
| | 20 | 14579 | 24610 | 42475 | 92112 | 6847 | 9627 | 13833 | 23443 |
| | 25 | 14854 | 25304 | 45011 | 104133 | 6930 | 9804 | 14383 | 25524 |
| 5 | 5 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 10 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 20 | 10425 | 20353 | 37438 | 92112 | 5523 | 8501 | 12712 | 23443 |
| | 25 | 10946 | 20556 | 39327 | 95098 | 5697 | 8556 | 13137 | 23966 |
| 6 | 5 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 10 | 9660 | 19091 | 37438 | 92112 | 5261 | 8153 | 12712 | 23443 |
| | 20 | 11119 | 21047 | 38125 | 92112 | 5755 | 8689 | 12867 | 23443 |
| | 25 | 11598 | 21331 | 40249 | 96558 | 5912 | 8765 | 13342 | 24221 |
| 7 | 5 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 10 | 9810 | 19230 | 37438 | 92112 | 5313 | 8192 | 12712 | 23443 |
| | 20 | 11276 | 21204 | 38316 | 92112 | 5806 | 8731 | 12910 | 23443 |
| | 25 | 11745 | 21506 | 40458 | 96889 | 5959 | 8812 | 13389 | 24278 |
| 8 | 5 | 9592 | 18962 | 37438 | 92112 | 5238 | 8118 | 12712 | 23443 |
| | 10 | 10961 | 20307 | 37438 | 92112 | 5702 | 8488 | 12712 | 23443 |
| | 20 | 12476 | 22416 | 39792 | 92112 | 6194 | 9055 | 13241 | 23443 |
| | 25 | 12874 | 22858 | 42074 | 99454 | 6320 | 9171 | 13745 | 24722 |

TABLE 5.121 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5599000 Beaucoup Creek near Matthews

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| Q7,10 | 10 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| 1 | 5 | 2982 | 5059 | 9718 | 23427 | 2531 | 3505 | 5282 | 9320 |
| | 10 | 3755 | 6246 | 10296 | 23427 | 2915 | 3997 | 5479 | 9320 |
| | 20 | 4305 | 6941 | 11802 | 24723 | 3171 | 4270 | 5978 | 9656 |
| | 25 | 4521 | 7318 | 12679 | 27952 | 3269 | 4415 | 6259 | 10469 |
| 2 | 5 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| | 10 | 2844 | 5245 | 9718 | 23427 | 2458 | 3584 | 5282 | 9320 |
| | 20 | 3262 | 5907 | 10480 | 23427 | 2673 | 3860 | 5541 | 9320 |
| | 25 | 3492 | 6201 | 11209 | 25514 | 2788 | 3979 | 5784 | 9858 |
| 3 | 5 | 4992 | 7093 | 11055 | 23427 | 3476 | 4329 | 5733 | 9320 |
| | 10 | 6244 | 8678 | 12733 | 23427 | 3996 | 4916 | 6276 | 9320 |
| | 20 | 6939 | 9561 | 15164 | 29992 | 4269 | 5227 | 7023 | 10969 |
| | 25 | 7315 | 10185 | 16380 | 34111 | 4414 | 5442 | 7382 | 11947 |
| 4 | 5 | 3153 | 5211 | 9718 | 23427 | 2618 | 3570 | 5282 | 9320 |
| | 10 | 3982 | 6507 | 10547 | 23427 | 3022 | 4101 | 5564 | 9320 |
| | 20 | 4578 | 7211 | 12147 | 25293 | 3294 | 4374 | 6089 | 9802 |
| | 25 | 4790 | 7610 | 13063 | 28593 | 3388 | 4525 | 6380 | 10627 |
| 5 | 5 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| | 10 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| | 20 | 2661 | 5328 | 9745 | 23427 | 2361 | 3620 | 5291 | 9320 |
| | 25 | 2901 | 5575 | 10390 | 24166 | 2488 | 3723 | 5511 | 9512 |
| 6 | 5 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| | 10 | 2763 | 5156 | 9718 | 23427 | 2416 | 3546 | 5282 | 9320 |
| | 20 | 3168 | 5815 | 10363 | 23427 | 2626 | 3822 | 5502 | 9320 |
| | 25 | 3399 | 6101 | 11079 | 25299 | 2742 | 3939 | 5741 | 9803 |
| 7 | 5 | 2408 | 5059 | 9718 | 23427 | 2221 | 3505 | 5282 | 9320 |
| | 10 | 2637 | 5059 | 9718 | 23427 | 2348 | 3505 | 5282 | 9320 |
| | 20 | 3020 | 5672 | 10182 | 23427 | 2550 | 3764 | 5440 | 9320 |
| | 25 | 3254 | 5947 | 10877 | 24965 | 2669 | 3876 | 5674 | 9718 |
| 8 | 5 | 2689 | 5059 | 9718 | 23427 | 2376 | 3505 | 5282 | 9320 |
| | 10 | 3347 | 5799 | 9868 | 23427 | 2716 | 3816 | 5333 | 9320 |
| | 20 | 3847 | 6479 | 11210 | 23755 | 2959 | 4090 | 5785 | 9406 |
| | 25 | 4069 | 6819 | 12022 | 26859 | 3063 | 4223 | 6049 | 10197 |

TABLE 5.122 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5599500 Big Muddy River at Murphysboro

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 5944 | 24899 | 67699 | 183750 | 3875 | 9701 | 18969 | 38046 |
| Q7,10 | 10 | 12279 | 30291 | 67699 | 183750 | 6131 | 11041 | 18969 | 38046 |
| 1 | 5 | 9067 | 24899 | 67699 | 183750 | 5054 | 9701 | 18969 | 38046 |
| | 10 | 15780 | 35041 | 72318 | 183750 | 7206 | 12163 | 19846 | 38046 |
| | 20 | 21366 | 45093 | 90741 | 206771 | 8775 | 14400 | 23201 | 41383 |
| | 25 | 22875 | 48148 | 95838 | 226347 | 9176 | 15050 | 24095 | 44148 |
| 2 | 5 | 5944 | 24899 | 67699 | 183750 | 3875 | 9701 | 18969 | 38046 |
| | 10 | 9291 | 26213 | 67699 | 183750 | 5133 | 10035 | 18969 | 38046 |
| | 20 | 12917 | 34277 | 77096 | 189557 | 6334 | 11985 | 20736 | 38897 |
| | 25 | 14438 | 36565 | 81825 | 204084 | 6804 | 12513 | 21603 | 40999 |
| 3 | 5 | 27640 | 44975 | 78388 | 183750 | 10392 | 14375 | 20974 | 38046 |
| | 10 | 40253 | 62329 | 104922 | 205466 | 13343 | 17929 | 25659 | 41196 |
| | 20 | 51361 | 78309 | 131428 | 262319 | 15721 | 20960 | 30030 | 49082 |
| | 25 | 54857 | 83073 | 138516 | 295337 | 16438 | 21829 | 31158 | 53467 |
| 4 | 5 | 11172 | 26465 | 67699 | 183750 | 5772 | 10098 | 18969 | 38046 |
| | 10 | 18875 | 38715 | 76834 | 183750 | 8093 | 13000 | 20688 | 38046 |
| | 20 | 25262 | 49515 | 96362 | 213869 | 9794 | 15337 | 24187 | 42393 |
| | 25 | 26904 | 52881 | 101534 | 235841 | 10209 | 16035 | 25080 | 45468 |
| 5 | 5 | 6343 | 24899 | 67699 | 183750 | 4036 | 9701 | 18969 | 38046 |
| | 10 | 11166 | 28777 | 67699 | 183750 | 5770 | 10672 | 18969 | 38046 |
| | 20 | 15383 | 37427 | 81068 | 194565 | 7088 | 12709 | 21465 | 39626 |
| | 25 | 16893 | 39939 | 85911 | 210173 | 7531 | 13273 | 22341 | 41868 |
| 6 | 5 | 8147 | 24899 | 67699 | 183750 | 4724 | 9701 | 18969 | 38046 |
| | 10 | 14224 | 32929 | 69708 | 183750 | 6739 | 11670 | 19352 | 38046 |
| | 20 | 19355 | 42526 | 87492 | 202669 | 8226 | 13844 | 22624 | 40796 |
| | 25 | 20865 | 45399 | 92521 | 220890 | 8640 | 14466 | 23515 | 43384 |
| 7 | 5 | 7900 | 24899 | 67699 | 183750 | 4633 | 9701 | 18969 | 38046 |
| | 10 | 13806 | 32363 | 69004 | 183750 | 6611 | 11536 | 19218 | 38046 |
| | 20 | 18813 | 41831 | 86617 | 201565 | 8076 | 13692 | 22467 | 40637 |
| | 25 | 20324 | 44655 | 91620 | 219425 | 8493 | 14306 | 23356 | 43177 |
| 8 | 5 | 11605 | 26897 | 67699 | 183750 | 5914 | 10207 | 18969 | 38046 |
| | 10 | 19434 | 39280 | 77527 | 183750 | 8249 | 13126 | 20816 | 38046 |
| | 20 | 25949 | 50193 | 97224 | 214958 | 9968 | 15479 | 24336 | 42547 |
| | 25 | 27641 | 53607 | 102408 | 237304 | 10392 | 16184 | 25230 | 45670 |

TABLE 5.123 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5600000 Big Creek near Wetaug

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 25 | 66 | 292 | 819 | 2395 | 275 | 638 | 1165 | 2214 |
| Q7,10 | 10 | 66 | 292 | 819 | 2395 | 275 | 638 | 1165 | 2214 |
| 1 | 5 | 178 | 374 | 819 | 2395 | 481 | 736 | 1165 | 2214 |
| | 10 | 228 | 462 | 907 | 2395 | 554 | 833 | 1238 | 2214 |
| | 20 | 300 | 575 | 1169 | 2800 | 648 | 947 | 1439 | 2435 |
| | 25 | 301 | 618 | 1253 | 2987 | 650 | 988 | 1499 | 2533 |
| 2 | 5 | 109 | 292 | 819 | 2395 | 363 | 638 | 1165 | 2214 |
| | 10 | 145 | 342 | 819 | 2395 | 428 | 699 | 1165 | 2214 |
| | 20 | 181 | 433 | 963 | 2531 | 485 | 802 | 1282 | 2290 |
| | 25 | 181 | 455 | 1040 | 2691 | 486 | 825 | 1342 | 2377 |
| 3 | 5 | 629 | 843 | 1204 | 2395 | 998 | 1185 | 1464 | 2214 |
| | 10 | 783 | 1060 | 1718 | 3307 | 1135 | 1357 | 1811 | 2696 |
| | 20 | 997 | 1403 | 2226 | 4101 | 1309 | 1604 | 2118 | 3078 |
| | 25 | 1075 | 1494 | 2358 | 4308 | 1369 | 1666 | 2194 | 3173 |
| 4 | 5 | 296 | 493 | 852 | 2395 | 644 | 865 | 1193 | 2214 |
| | 10 | 370 | 604 | 1071 | 2494 | 732 | 974 | 1366 | 2269 |
| | 20 | 467 | 740 | 1419 | 3117 | 838 | 1098 | 1615 | 2600 |
| | 25 | 493 | 809 | 1511 | 3334 | 866 | 1157 | 1677 | 2710 |
| 5 | 5 | 110 | 292 | 819 | 2395 | 366 | 638 | 1165 | 2214 |
| | 10 | 147 | 344 | 819 | 2395 | 431 | 702 | 1165 | 2214 |
| | 20 | 183 | 436 | 967 | 2536 | 489 | 805 | 1285 | 2292 |
| | 25 | 184 | 458 | 1044 | 2697 | 489 | 829 | 1346 | 2380 |
| 6 | 5 | 148 | 332 | 819 | 2395 | 433 | 688 | 1165 | 2214 |
| | 10 | 192 | 413 | 848 | 2395 | 502 | 780 | 1189 | 2214 |
| | 20 | 250 | 518 | 1089 | 2689 | 583 | 890 | 1379 | 2376 |
| | 25 | 250 | 552 | 1170 | 2865 | 584 | 924 | 1440 | 2470 |
| 7 | 5 | 147 | 330 | 819 | 2395 | 431 | 685 | 1165 | 2214 |
| | 10 | 191 | 410 | 845 | 2395 | 500 | 778 | 1187 | 2214 |
| | 20 | 247 | 515 | 1085 | 2684 | 580 | 887 | 1376 | 2373 |
| | 25 | 248 | 549 | 1166 | 2860 | 581 | 921 | 1436 | 2467 |
| 8 | 5 | 202 | 397 | 819 | 2395 | 516 | 763 | 1165 | 2214 |
| | 10 | 256 | 491 | 941 | 2395 | 592 | 863 | 1265 | 2214 |
| | 20 | 333 | 608 | 1219 | 2863 | 689 | 978 | 1475 | 2469 |
| | 25 | 339 | 657 | 1304 | 3057 | 696 | 1023 | 1536 | 2569 |

TABLE 6

Table 6 gives storage in acre-feet and cost of reservoir and land in thousands of dollars for net water supply of 2, 5, 10 and 20 percent of mean flow at a gaging station, with different levels of low-flow releases.

| Level | T, yrs | |
|---|---|---|
| 0 | 40 | The storage, $S_o$ is designed for a 40-year drought when no low-flow release is mandated. |
| $Q_{7,10}$ | 10 | The storage, S, is designed for a 10-year drought with $Q_{7,10}$ as the minimum low flow releases from the reservoir; if $S < S_o$, make $S = S_o$. |
| 1* | 5 | The storage, S, is designed for a 5-year drought with C1 as the minimum low-flow release from the reservoir; if $S < S_o$, make $S = S_o$. |
| 1 | 40 | The storage, S, is designed for a 40-year drought with C1 as the minimum low-flow release from the reservoir. |

Note: Extra cost for providing a certain low-flow release equals the cost with release minus the cost with no release or level zero.

* Level 1 through 8 denote low flow release criteria C1 through C8 as defined below:

C1 = Median 31-day low flow during the period May - October
C2 = Half median 31-day low flow during the period May - October
C3 = Median 61-day low flow during the period May - October
C4 = Half median 61-day low flow during the period May - October
C5 = Flow at 90 percent duration using daily flows May - October
C6 = Flow at 85 percent duration using daily flows May - October
C7 = Flow at 90 percent duration using daily flows for the record
C8 = Flow at 85 percent duration using daily flows for the record

TABLE 6.001 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3336900 Salt Fork near St. Joseph

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 885 | 2610 | 7293 | 0 | 1220 | 2333 | 4405 |
| Q7,10 | 10 | 762 | 1346 | 2779 | 7293 | 1116 | 1565 | 2424 | 4405 |
| 1 | 5 | 1686 | 2405 | 3999 | 7632 | 1791 | 2220 | 3030 | 4533 |
| | 10 | 2459 | 3438 | 5407 | 9849 | 2250 | 2761 | 3653 | 5327 |
| | 20 | 3199 | 4374 | 6619 | 11594 | 2642 | 3202 | 4145 | 5910 |
| | 40 | 3831 | 5191 | 7687 | 12983 | 2951 | 3561 | 4554 | 6354 |
| 2 | 5 | 771 | 1170 | 2610 | 7293 | 1124 | 1439 | 2333 | 4405 |
| | 10 | 1076 | 1694 | 3286 | 7331 | 1369 | 1796 | 2685 | 4419 |
| | 20 | 1473 | 2335 | 4196 | 8874 | 1652 | 2180 | 3121 | 4986 |
| | 40 | 1748 | 2785 | 4992 | 10036 | 1831 | 2427 | 3476 | 5391 |
| 3 | 5 | 2425 | 3379 | 4994 | 8881 | 2231 | 2732 | 3477 | 4988 |
| | 10 | 3463 | 4628 | 6659 | 11286 | 2773 | 3317 | 4161 | 5810 |
| | 20 | 4403 | 5763 | 8116 | 13242 | 3215 | 3801 | 4712 | 6436 |
| | 40 | 5223 | 6704 | 9238 | 14668 | 3575 | 4178 | 5114 | 6874 |
| 4 | 5 | 957 | 1504 | 2779 | 7293 | 1277 | 1672 | 2424 | 4405 |
| | 10 | 1367 | 2189 | 3886 | 8054 | 1580 | 2097 | 2977 | 4689 |
| | 20 | 1895 | 2899 | 4898 | 9642 | 1922 | 2487 | 3435 | 5255 |
| | 40 | 2258 | 3456 | 5779 | 10876 | 2137 | 2770 | 3807 | 5674 |
| 5 | 5 | 1460 | 2089 | 3656 | 7293 | 1643 | 2038 | 2867 | 4405 |
| | 10 | 2125 | 3046 | 4967 | 9354 | 2059 | 2564 | 3465 | 5155 |
| | 20 | 2826 | 3914 | 6110 | 11036 | 2449 | 2990 | 3942 | 5727 |
| | 40 | 3367 | 4671 | 7149 | 12401 | 2726 | 3335 | 4350 | 6170 |
| 6 | 5 | 1641 | 2335 | 3930 | 7546 | 1762 | 2180 | 2998 | 4501 |
| | 10 | 2393 | 3355 | 5317 | 9750 | 2213 | 2720 | 3615 | 5293 |
| | 20 | 3120 | 4277 | 6514 | 11480 | 2602 | 3158 | 4104 | 5873 |
| | 40 | 3739 | 5082 | 7579 | 12866 | 2907 | 3515 | 4513 | 6318 |
| 7 | 5 | 1529 | 2159 | 3755 | 7329 | 1689 | 2079 | 2915 | 4419 |
| | 10 | 2226 | 3145 | 5090 | 9501 | 2118 | 2614 | 3518 | 5206 |
| | 20 | 2941 | 4032 | 6253 | 11194 | 2509 | 3046 | 4000 | 5779 |
| | 40 | 3507 | 4809 | 7309 | 12573 | 2795 | 3396 | 4411 | 6225 |
| 8 | 5 | 1860 | 2681 | 4276 | 7978 | 1900 | 2372 | 3158 | 4661 |
| | 10 | 2722 | 3769 | 5722 | 10247 | 2393 | 2921 | 3784 | 5463 |
| | 20 | 3511 | 4761 | 7034 | 12050 | 2797 | 3375 | 4306 | 6058 |
| | 40 | 4198 | 5625 | 8117 | 13449 | 3122 | 3744 | 4713 | 6500 |

TABLE 6.002 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3337000 Boneyard Creek at Urbana

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Q7,10 | 10 | 0 | 22 | 29 | 68 | 0 | 150 | 174 | 278 |
| 1 | 5 | 95 | 118 | 126 | 126 | 336 | 380 | 394 | 394 |
| | 10 | 129 | 150 | 158 | 157 | 400 | 435 | 448 | 448 |
| | 20 | 155 | 190 | 204 | 203 | 445 | 499 | 519 | 519 |
| | 40 | 179 | 221 | 236 | 236 | 482 | 543 | 565 | 565 |
| 2 | 5 | 0 | 25 | 41 | 78 | 0 | 161 | 209 | 302 |
| | 10 | 26 | 35 | 55 | 102 | 162 | 193 | 247 | 351 |
| | 20 | 33 | 43 | 63 | 125 | 186 | 217 | 268 | 393 |
| | 40 | 36 | 49 | 72 | 141 | 196 | 232 | 288 | 422 |
| 3 | 5 | 126 | 126 | 126 | 126 | 394 | 394 | 394 | 394 |
| | 10 | 157 | 157 | 157 | 157 | 448 | 448 | 448 | 448 |
| | 20 | 204 | 203 | 203 | 203 | 519 | 519 | 519 | 519 |
| | 40 | 236 | 236 | 236 | 236 | 565 | 565 | 565 | 565 |
| 4 | 5 | 36 | 50 | 69 | 120 | 197 | 236 | 280 | 384 |
| | 10 | 51 | 62 | 84 | 152 | 238 | 265 | 313 | 439 |
| | 20 | 60 | 72 | 104 | 194 | 259 | 289 | 354 | 505 |
| | 40 | 68 | 83 | 119 | 225 | 278 | 312 | 381 | 549 |
| 5 | 5 | 30 | 42 | 63 | 107 | 175 | 214 | 266 | 359 |
| | 10 | 45 | 56 | 76 | 140 | 220 | 249 | 296 | 418 |
| | 20 | 52 | 65 | 92 | 173 | 241 | 271 | 330 | 473 |
| | 40 | 59 | 74 | 105 | 200 | 258 | 292 | 357 | 514 |
| 6 | 5 | 44 | 57 | 74 | 126 | 218 | 251 | 293 | 394 |
| | 10 | 57 | 68 | 93 | 158 | 253 | 280 | 332 | 448 |
| | 20 | 66 | 81 | 115 | 204 | 275 | 306 | 375 | 519 |
| | 40 | 76 | 93 | 130 | 236 | 296 | 332 | 402 | 565 |
| 7 | 5 | 28 | 39 | 60 | 101 | 171 | 205 | 260 | 349 |
| | 10 | 42 | 53 | 73 | 135 | 213 | 244 | 290 | 410 |
| | 20 | 50 | 62 | 87 | 165 | 234 | 265 | 321 | 461 |
| | 40 | 56 | 71 | 100 | 191 | 251 | 285 | 347 | 500 |
| 8 | 5 | 38 | 51 | 70 | 121 | 200 | 238 | 282 | 386 |
| | 10 | 52 | 63 | 85 | 153 | 240 | 267 | 315 | 441 |
| | 20 | 61 | 73 | 106 | 196 | 261 | 291 | 357 | 509 |
| | 40 | 69 | 84 | 120 | 228 | 281 | 314 | 384 | 554 |

TABLE 6.003 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3337500 West Branch Salt Fork at Urbana

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 456 | 1340 | 3645 | 0 | 827 | 1561 | 2862 |
| Q7,10 | 10 | 0 | 460 | 1340 | 3645 | 0 | 831 | 1561 | 2862 |
| 1 | 5 | 685 | 1041 | 1810 | 3645 | 1049 | 1343 | 1869 | 2862 |
| | 10 | 1073 | 1545 | 2439 | 4568 | 1368 | 1699 | 2239 | 3290 |
| | 20 | 1440 | 1981 | 3034 | 5608 | 1629 | 1974 | 2557 | 3737 |
| | 40 | 1756 | 2394 | 3626 | 6446 | 1836 | 2214 | 2853 | 4076 |
| 2 | 5 | 318 | 456 | 1340 | 3645 | 671 | 827 | 1561 | 2862 |
| | 10 | 451 | 747 | 1552 | 3645 | 822 | 1103 | 1704 | 2862 |
| | 20 | 636 | 1068 | 1989 | 4256 | 1004 | 1364 | 1979 | 3149 |
| | 40 | 825 | 1336 | 2404 | 5021 | 1171 | 1558 | 2219 | 3488 |
| 3 | 5 | 1024 | 1484 | 2288 | 4077 | 1330 | 1659 | 2154 | 3066 |
| | 10 | 1522 | 2060 | 3014 | 5254 | 1685 | 2021 | 2547 | 3588 |
| | 20 | 1955 | 2600 | 3729 | 6418 | 1958 | 2327 | 2902 | 4066 |
| | 40 | 2364 | 3116 | 4419 | 7274 | 2197 | 2600 | 3223 | 4398 |
| 4 | 5 | 376 | 619 | 1340 | 3645 | 739 | 988 | 1561 | 2862 |
| | 10 | 597 | 985 | 1811 | 3789 | 968 | 1299 | 1870 | 2931 |
| | 20 | 845 | 1339 | 2299 | 4645 | 1187 | 1560 | 2160 | 3324 |
| | 40 | 1071 | 1640 | 2765 | 5431 | 1366 | 1762 | 2416 | 3663 |
| 5 | 5 | 419 | 755 | 1446 | 3645 | 787 | 1111 | 1634 | 2862 |
| | 10 | 702 | 1167 | 2010 | 4036 | 1064 | 1437 | 1991 | 3047 |
| | 20 | 1001 | 1540 | 2539 | 4948 | 1312 | 1696 | 2294 | 3457 |
| | 40 | 1257 | 1880 | 3045 | 5751 | 1503 | 1913 | 2563 | 3796 |
| 6 | 5 | 554 | 920 | 1652 | 3645 | 926 | 1248 | 1769 | 2862 |
| | 10 | 901 | 1387 | 2255 | 4339 | 1233 | 1593 | 2135 | 3187 |
| | 20 | 1242 | 1792 | 2835 | 5323 | 1492 | 1858 | 2454 | 3618 |
| | 40 | 1534 | 2174 | 3364 | 6146 | 1693 | 2088 | 2725 | 3957 |
| 7 | 5 | 468 | 842 | 1551 | 3645 | 840 | 1184 | 1704 | 2862 |
| | 10 | 788 | 1283 | 2138 | 4194 | 1139 | 1521 | 2067 | 3121 |
| | 20 | 1115 | 1673 | 2694 | 5145 | 1399 | 1782 | 2378 | 3541 |
| | 40 | 1389 | 2034 | 3200 | 5957 | 1595 | 2006 | 2642 | 3881 |
| 8 | 5 | 648 | 1005 | 1764 | 3645 | 1015 | 1315 | 1840 | 2862 |
| | 10 | 1022 | 1503 | 2385 | 4501 | 1329 | 1672 | 2208 | 3260 |
| | 20 | 1382 | 1926 | 2993 | 5524 | 1590 | 1940 | 2536 | 3702 |
| | 40 | 1689 | 2330 | 3549 | 6358 | 1793 | 2177 | 2816 | 4042 |

TABLE 6.004 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3338500 Vermilion River near Catlin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 4553 | 12040 | 27387 | 66391 | 3283 | 6055 | 10329 | 18718 |
| Q7,10 | 10 | 6788 | 13710 | 27387 | 66391 | 4211 | 6581 | 10329 | 18718 |
| 1 | 5 | 9174 | 14269 | 27387 | 66391 | 5092 | 6752 | 10329 | 18718 |
| | 10 | 12479 | 19387 | 33320 | 66753 | 6195 | 8235 | 11762 | 18787 |
| | 20 | 15659 | 23526 | 40629 | 79127 | 7170 | 9346 | 13427 | 21110 |
| | 40 | 18794 | 27907 | 46472 | 86938 | 8070 | 10458. | 14695 | 22525 |
| 2 | 5 | 4980 | 12040 | 27387 | 66391 | 3471 | 6055 | 10329 | 18718 |
| | 10 | 6668 | 13479 | 27387 | 66391 | 4164 | 6510 | 10329 | 18718 |
| | 20 | 8900 | 16838 | 32022 | 68579 | 4995 | 7515 | 11455 | 19137 |
| | 40 | 11053 | 20144 | 37206 | 76719 | 5733 | 8444 | 12659 | 20666 |
| 3 | 5 | 10007 | 15454 | 27387 | 66391 | 5381 | 7109 | 10329 | 18718 |
| | 10 | 13602 | 20797 | 34936 | 68572 | 6548 | 8621 | 12138 | 19136 |
| | 20 | 16977 | 25261 | 42106 | 81132 | 7555 | 9793 | 13752 | 21477 |
| | 40 | 20305 | 29806 | 48517 | 89050 | 8488 | 10923 | 15128 | 22901 |
| 4 | 5 | 5124 | 12040 | 27387 | 66391 | 3533 | 6055 | 10329 | 18718 |
| | 10 | 6959 | 14037 | 27387 | 66391 | 4277 | 6682 | 10329 | 18718 |
| | 20 | 9359 | 17473 | 32830 | 69569 | 5157 | 7697 | 11647 | 19326 |
| | 40 | 11609 | 20877 | 38104 | 77673 | 5915 | 8643 | 12862 | 20843 |
| 5 | 5 | 6889 | 12092 | 27387 | 66391 | 4250 | 6071 | 10329 | 18718 |
| | 10 | 9400 | 16443 | 29757 | 66391 | 5171 | 7400 | 10911 | 18718 |
| | 20 | 12186 | 20214 | 36349 | 73895 | 6102 | 8463 | 12464 | 20141 |
| | 40 | 14803 | 23973 | 42022 | 81845 | 6914 | 9462 | 13734 | 21606 |
| 6 | 5 | 8180 | 13234 | 27387 | 66391 | 4736 | 6433 | 10329 | 18718 |
| | 10 | 11129 | 18041 | 31703 | 66391 | 5758 | 7859 | 11380 | 18718 |
| | 20 | 14124 | 21952 | 38711 | 76813 | 6708 | 8931 | 12999 | 20684 |
| | 40 | 17044 | 26104 | 44319 | 84658 | 7574 | 10007 | 14233 | 22116 |
| 7 | 5 | 7885 | 12998 | 27387 | 66391 | 4627 | 6359 | 10329 | 18718 |
| | 10 | 10732 | 17675 | 31256 | 66391 | 5626 | 7755 | 11273 | 18718 |
| | 20 | 13674 | 21533 | 38169 | 76142 | 6570 | 8820 | 12877 | 20560 |
| | 40 | 16532 | 25615 | 43713 | 84011 | 7426 | 9883 | 14102 | 21999 |
| 8 | 5 | 9257 | 14385 | 27387 | 66391 | 5121 | 6788 | 10329 | 18718 |
| | 10 | 12592 | 19524 | 33478 | 66930 | 6231 | 8273 | 11799 | 18821 |
| | 20 | 15788 | 23695 | 40805 | 79322 | 7208 | 9390 | 13466 | 21146 |
| | 40 | 18941 | 28092 | 46671 | 87143 | 8112 | 10504 | 14738 | 22561 |

TABLE 6.005 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3339000 Vermilion River near Danville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 14261 | 35178 | 89464 | 0 | 6750 | 12194 | 22975 |
| Q7,10 | 10 | 9717 | 19070 | 36582 | 89464 | 5281 | 8148 | 12517 | 22975 |
| 1 | 5 | 12737 | 20164 | 36429 | 89464 | 6277 | 8449 | 12482 | 22975 |
| | 10 | 18797 | 28660 | 48299 | 95293 | 8071 | 10644 | 15082 | 24000 |
| | 20 | 23723 | 35627 | 59378 | 112883 | 9397 | 12298 | 17346 | 26999 |
| | 40 | 28269 | 42035 | 68388 | 124297 | 10548 | 13736 | 19101 | 28879 |
| 2 | 5 | 6254 | 14261 | 35178 | 89464 | 4000 | 6750 | 12194 | 22975 |
| | 10 | 8947 | 18403 | 35740 | 89464 | 5012 | 7961 | 12324 | 22975 |
| | 20 | 12663 | 23276 | 44616 | 95660 | 6254 | 9281 | 14297 | 24064 |
| | 40 | 14913 | 27723 | 51879 | 106927 | 6948 | 10413 | 15828 | 25999 |
| 3 | 5 | 15302 | 24493 | 41404 | 89464 | 7064 | 9597 | 13598 | 22975 |
| | 10 | 22772 | 33815 | 54217 | 102436 | 9148 | 11878 | 16308 | 25234 |
| | 20 | 28241 | 42201 | 66264 | 120287 | 10541 | 13773 | 18693 | 28224 |
| | 40 | 33691 | 49206 | 76122 | 131870 | 11849 | 15273 | 20556 | 30101 |
| 4 | 5 | 7764 | 14261 | 35178 | 89464 | 4582 | 6750 | 12194 | 22975 |
| | 10 | 11205 | 20394 | 38261 | 89464 | 5783 | 8512 | 12898 | 22975 |
| | 20 | 15158 | 25540 | 47781 | 99380 | 7021 | 9864 | 14973 | 24709 |
| | 40 | 17918 | 30367 | 55385 | 110641 | 7824 | 11059 | 16545 | 26624 |
| 5 | 5 | 8843 | 14717 | 35178 | 89464 | 4975 | 6888 | 12194 | 22975 |
| | 10 | 12824 | 21873 | 40144 | 89464 | 6305 | 8910 | 13319 | 22975 |
| | 20 | 16993 | 27220 | 50146 | 102169 | 7559 | 10287 | 15469 | 25189 |
| | 40 | 20070 | 32433 | 57543 | 113426 | 8424 | 11553 | 16980 | 27090 |
| 6 | 5 | 11289 | 17773 | 35178 | 89464 | 5811 | 7783 | 12194 | 22975 |
| | 10 | 16620 | 25914 | 45020 | 91365 | 7452 | 9959 | 14385 | 23311 |
| | 20 | 21191 | 31974 | 55579 | 108817 | 8728 | 11444 | 16585 | 26318 |
| | 40 | 25187 | 38057 | 64122 | 120137 | 9775 | 12852 | 18279 | 28199 |
| 7 | 5 | 10531 | 16500 | 35178 | 89464 | 5558 | 7417 | 12194 | 22975 |
| | 10 | 15441 | 24425 | 43324 | 89464 | 7105 | 9579 | 14018 | 22975 |
| | 20 | 19869 | 30080 | 54071 | 106724 | 8368 | 10990 | 16278 | 25964 |
| | 40 | 23592 | 35995 | 61921 | 117996 | 9363 | 12383 | 17849 | 27847 |
| 8 | 5 | 13504 | 21488 | 37941 | 89464 | 6517 | 8808 | 12825 | 22975 |
| | 10 | 20010 | 30230 | 50097 | 97456 | 8407 | 11026 | 15459 | 24377 |
| | 20 | 25102 | 37627 | 61466 | 115124 | 9753 | 12755 | 17759 | 27372 |
| | 40 | 29831 | 44214 | 70733 | 126589 | 10929 | 14211 | 19547 | 29251 |

TABLE 6.006 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3343400 Embarras River near Camargo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1853 | 4090 | 8007 | 17257 | 1896 | 3072 | 4672 | 7636 |
| Q7,10 | 10 | 1853 | 4090 | 8007 | 17257 | 1896 | 3072 | 4672 | 7636 |
| 1 | 5 | 2340 | 4090 | 8007 | 17257 | 2183 | 3072 | 4672 | 7636 |
| | 10 | 2520 | 4090 | 8007 | 17257 | 2284 | 3072 | 4672 | 7636 |
| | 20 | 2600 | 4539 | 8315 | 17257 | 2327 | 3277 | 4785 | 7636 |
| | 40 | 2907 | 5188 | 9063 | 19711 | 2491 | 3560 | 5053 | 8325 |
| 2 | 5 | 1997 | 4090 | 8007 | 17257 | 1983 | 3072 | 4672 | 7636 |
| | 10 | 2179 | 4090 | 8007 | 17257 | 2091 | 3072 | 4672 | 7636 |
| | 20 | 2226 | 4090 | 8007 | 17257 | 2118 | 3072 | 4672 | 7636 |
| | 40 | 2388 | 4654 | 8577 | 18487 | 2210 | 3328 | 4879 | 7985 |
| 3 | 5 | 3662 | 4914 | 8007 | 17257 | 2870 | 3442 | 4672 | 7636 |
| | 10 | 4015 | 5669 | 9038 | 17257 | 3037 | 3762 | 5044 | 7636 |
| | 20 | 4474 | 6732 | 10394 | 18485 | 3248 | 4189 | 5512 | 7984 |
| | 40 | 5100 | 7447 | 11409 | 24799 | 3523 | 4464 | 5850 | 9675 |
| 4 | 5 | 2707 | 4090 | 8007 | 17257 | 2385 | 3072 | 4672 | 7636 |
| | 10 | 2878 | 4485 | 8007 | 17257 | 2476 | 3253 | 4672 | 7636 |
| | 20 | 3005 | 5128 | 8811 | 17257 | 2542 | 3534 | 4963 | 7636 |
| | 40 | 3462 | 5793 | 9686 | 21057 | 2773 | 3813 | 5270 | 8692 |
| 5 | 5 | 1883 | 4090 | 8007 | 17257 | 1914 | 3072 | 4672 | 7636 |
| | 10 | 2061 | 4090 | 8007 | 17257 | 2022 | 3072 | 4672 | 7636 |
| | 20 | 2097 | 4090 | 8007 | 17257 | 2043 | 3072 | 4672 | 7636 |
| | 40 | 2210 | 4465 | 8385 | 18074 | 2109 | 3244 | 4810 | 7868 |
| 6 | 5 | 2233 | 4090 | 8007 | 17257 | 2122 | 3072 | 4672 | 7636 |
| | 10 | 2413 | 4090 | 8007 | 17257 | 2224 | 3072 | 4672 | 7636 |
| | 20 | 2482 | 4389 | 8151 | 17257 | 2263 | 3209 | 4725 | 7636 |
| | 40 | 2743 | 5013 | 8963 | 19323 | 2405 | 3485 | 5017 | 8218 |
| 7 | 5 | 2111 | 4090 | 8007 | 17257 | 2051 | 3072 | 4672 | 7636 |
| | 10 | 2291 | 4090 | 8007 | 17257 | 2156 | 3072 | 4672 | 7636 |
| | 20 | 2350 | 4197 | 8007 | 17257 | 2189 | 3122 | 4672 | 7636 |
| | 40 | 2558 | 4815 | 8762 | 18888 | 2305 | 3399 | 4946 | 8097 |
| 8 | 5 | 2713 | 4090 | 8007 | 17257 | 2389 | 3072 | 4672 | 7636 |
| | 10 | 2884 | 4493 | 8007 | 17257 | 2480 | 3256 | 4672 | 7636 |
| | 20 | 3012 | 5138 | 8820 | 17257 | 2546 | 3539 | 4967 | 7636 |
| | 40 | 3472 | 5804 | 9697 | 21081 | 2778 | 3818 | 5274 | 8698 |

TABLE 6.007 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3345500 Embarras River at Ste. Marie

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 91849 | 105616 | 136431 | 206394 | 23396 | 25777 | 30828 | 41329 |
| Q7,10 | 10 | 91870 | 105616 | 136431 | 206394 | 23400 | 25777 | 30828 | 41329 |
| 1 | 5 | 95338 | 105616 | 136431 | 206394 | 24008 | 25777 | 30828 | 41329 |
| | 10 | 102122 | 114683 | 140647 | 206394 | 25181 | 27299 | 31494 | 41329 |
| | 20 | 108297 | 123749 | 152556 | 221131 | 26230 | 28790 | 33350 | 43417 |
| | 40 | 115226 | 133496 | 165961 | 261412 | 27389 | 30361 | 35396 | 48960 |
| 2 | 5 | 91849 | 105616 | 136431 | 206394 | 23396 | 25777 | 30828 | 41329 |
| | 10 | 94315 | 105616 | 136431 | 206394 | 23830 | 25777 | 30828 | 41329 |
| | 20 | 97705 | 112215 | 140555 | 206394 | 24420 | 26888 | 31480 | 41329 |
| | 40 | 101880 | 119956 | 150057 | 231847 | 25139 | 28169 | 32964 | 44914 |
| 3 | 5 | 102538 | 113920 | 136460 | 206394 | 25252 | 27172 | 30833 | 41329 |
| | 10 | 112376 | 127209 | 152142 | 214553 | 26915 | 29351 | 33287 | 42490 |
| | 20 | 120934 | 138641 | 169355 | 238889 | 28330 | 31178 | 35907 | 45889 |
| | 40 | 130206 | 147878 | 183998 | 296444 | 29834 | 32626 | 38083 | 53612 |
| 4 | 5 | 93494 | 105616 | 136431 | 206394 | 23686 | 25777 | 30828 | 41329 |
| | 10 | 97427 | 110380 | 136431 | 206394 | 24372 | 26580 | 30828 | 41329 |
| | 20 | 102862 | 118500 | 145962 | 214148 | 25307 | 27930 | 32328 | 42432 |
| | 40 | 108682 | 127359 | 158724 | 248654 | 26295 | 29375 | 34297 | 47229 |
| 5 | 5 | 92567 | 105616 | 136431 | 206394 | 23523 | 25777 | 30828 | 41329 |
| | 10 | 95928 | 109035 | 136431 | 206394 | 24111 | 26355 | 30828 | 41329 |
| | 20 | 101129 | 116839 | 143876 | 211945 | 25010 | 27656 | 32002 | 42120 |
| | 40 | 106602 | 125417 | 156435 | 244176 | 25944 | 29061 | 33947 | 46616 |
| 6 | 5 | 95274 | 105616 | 136431 | 206394 | 23997 | 25777 | 30828 | 41329 |
| | 10 | 100285 | 112994 | 138530 | 206394 | 24865 | 27018 | 31161 | 41329 |
| | 20 | 106170 | 121688 | 149967 | 218387 | 25871 | 28453 | 32950 | 43031 |
| | 40 | 112662 | 131087 | 163120 | 256453 | 26962 | 29975 | 34966 | 48289 |
| 7 | 5 | 92940 | 105616 | 136431 | 206394 | 23589 | 25777 | 30828 | 41329 |
| | 10 | 96533 | 109571 | 136431 | 206394 | 24216 | 26445 | 30828 | 41329 |
| | 20 | 101828 | 117508 | 144717 | 212832 | 25130 | 27767 | 32133 | 42246 |
| | 40 | 107441 | 126200 | 157357 | 245977 | 26086 | 29188 | 34088 | 46862 |
| 8 | 5 | 95981 | 105616 | 136431 | 206394 | 24120 | 25777 | 30828 | 41329 |
| | 10 | 103080 | 115581 | 139385 | 206394 | 25345 | 27448 | 31296 | 41329 |
| | 20 | 109426 | 124845 | 153931 | 222592 | 26420 | 28968 | 33562 | 43622 |
| | 40 | 116587 | 134776 | 167471 | 264054 | 27614 | 30565 | 35623 | 49316 |

TABLE 6.008 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3346000 North Fork Embarras River near Oblong

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| Q7,10 | 10 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| 1 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20191 | 23979 | 31238 | 58696 | 8456 | 9464 | 11268 | 17211 |
| | 20 | 20980 | 24939 | 31653 | 58696 | 8671 | 9711 | 11368 | 17211 |
| | 40 | 22180 | 26552 | 34625 | 63938 | 8992 | 10120 | 12066 | 18243 |
| 2 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 20 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 40 | 21027 | 25276 | 32912 | 61330 | 8683 | 9797 | 11666 | 17732 |
| 3 | 5 | 20874 | 23979 | 31238 | 58696 | 8642 | 9464 | 11268 | 17211 |
| | 10 | 22321 | 25588 | 31473 | 58696 | 9029 | 9877 | 11325 | 17211 |
| | 20 | 23841 | 28061 | 35006 | 58696 | 9428 | 10496 | 12155 | 17211 |
| | 40 | 25344 | 29467 | 40034 | 68774 | 9814 | 10841 | 13295 | 19174 |
| 4 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20440 | 23979 | 31238 | 58696 | 8525 | 9464 | 11268 | 17211 |
| | 20 | 21337 | 25359 | 32106 | 58696 | 8767 | 9818 | 11475 | 17211 |
| | 40 | 22577 | 27014 | 35243 | 64887 | 9097 | 10236 | 12209 | 18427 |
| 5 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 20 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 40 | 20844 | 25077 | 32647 | 60925 | 8634 | 9747 | 11603 | 17653 |
| 6 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 20 | 20565 | 24425 | 31238 | 58696 | 8558 | 9579 | 11268 | 17211 |
| | 40 | 21675 | 25986 | 33867 | 62779 | 8858 | 9978 | 11890 | 18017 |
| 7 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 20 | 20236 | 24007 | 31238 | 58696 | 8469 | 9471 | 11268 | 17211 |
| | 40 | 21256 | 25526 | 33249 | 61840 | 8745 | 9861 | 11745 | 17833 |
| 8 | 5 | 20085 | 23979 | 31238 | 58696 | 8428 | 9464 | 11268 | 17211 |
| | 10 | 20314 | 23979 | 31238 | 58696 | 8490 | 9464 | 11268 | 17211 |
| | 20 | 21156 | 25146 | 31877 | 58696 | 8718 | 9764 | 11421 | 17211 |
| | 40 | 22376 | 26780 | 34930 | 64407 | 9044 | 10177 | 12137 | 18334 |

TABLE 6.009 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3379500 Little Wabash River below Clay City

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 15169 | 28297 | 53572 | 121103 | 7024 | 10555 | 16176 | 28358 |
| Q7,10 | 10 | 15169 | 28297 | 53572 | 121103 | 7024 | 10555 | 16176 | 28358 |
| 1 | 5 | 15609 | 28297 | 53572 | 121103 | 7155 | 10555 | 16176 | 28358 |
| | 10 | 18319 | 28388 | 53572 | 121103 | 7937 | 10577 | 16176 | 28358 |
| | 20 | 20623 | 32789 | 55042 | 121103 | 8574 | 11637 | 16476 | 28358 |
| | 40 | 23174 | 37486 | 63334 | 140379 | 9254 | 12722 | 18125 | 31452 |
| 2 | 5 | 15169 | 28297 | 53572 | 121103 | 7024 | 10555 | 16176 | 28358 |
| | 10 | 15586 | 28297 | 53572 | 121103 | 7148 | 10555 | 16176 | 28358 |
| | 20 | 17443 | 28891 | 53572 | 121103 | 7689 | 10700 | 16176 | 28358 |
| | 40 | 19290 | 32864 | 58225 | 130782 | 8209 | 11655 | 17117 | 29926 |
| 3 | 5 | 22510 | 31066 | 53572 | 121103 | 9079 | 11227 | 16176 | 28358 |
| | 10 | 27115 | 37664 | 57086 | 121103 | 10261 | 12763 | 16889 | 28358 |
| | 20 | 31181 | 44329 | 67863 | 121381 | 11255 | 14236 | 19000 | 28403 |
| | 40 | 35664 | 50768 | 78228 | 165133 | 12306 | 15599 | 20945 | 35271 |
| 4 | 5 | 16551 | 28297 | 53572 | 121103 | 7431 | 10555 | 16176 | 28358 |
| | 10 | 19625 | 29947 | 53572 | 121103 | 8301 | 10958 | 16176 | 28358 |
| | 20 | 22074 | 34756 | 57183 | 121103 | 8964 | 12097 | 16908 | 28358 |
| | 40 | 25039 | 39713 | 65820 | 145058 | 9737 | 13223 | 18608 | 32187 |
| 5 | 5 | 15169 | 28297 | 53572 | 121103 | 7024 | 10555 | 16176 | 28358 |
| | 10 | 15234 | 28297 | 53572 | 121103 | 7044 | 10555 | 16176 | 28358 |
| | 20 | 16984 | 28315 | 53572 | 121103 | 7557 | 10559 | 16176 | 28358 |
| | 40 | 18718 | 32204 | 57502 | 129425 | 8049 | 11499 | 16972 | 29708 |
| 6 | 5 | 15169 | 28297 | 53572 | 121103 | 7024 | 10555 | 16176 | 28358 |
| | 10 | 16390 | 28297 | 53572 | 121103 | 7385 | 10555 | 16176 | 28358 |
| | 20 | 18380 | 30075 | 53572 | 121103 | 7955 | 10989 | 16176 | 28358 |
| | 40 | 20460 | 34218 | 59714 | 133576 | 8530 | 11972 | 17413 | 30374 |
| 7 | 5 | 15169 | 28297 | 53572 | 121103 | 7024 | 10555 | 16176 | 28358 |
| | 10 | 16106 | 28297 | 53572 | 121103 | 7301 | 10555 | 16176 | 28358 |
| | 20 | 18049 | 29655 | 53572 | 121103 | 7861 | 10887 | 16176 | 28358 |
| | 40 | 20045 | 33738 | 59185 | 132583 | 8417 | 11860 | 17308 | 30215 |
| 8 | 5 | 15459 | 28297 | 53572 | 121103 | 7111 | 10555 | 16176 | 28358 |
| | 10 | 18111 | 28297 | 53572 | 121103 | 7878 | 10555 | 16176 | 28358 |
| | 20 | 20382 | 32477 | 55201 | 121103 | 8509 | 11563 | 16508 | 28358 |
| | 40 | 22877 | 37132 | 62940 | 139639 | 9176 | 12642 | 18048 | 31336 |

TABLE 6.010 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3380500 Skillet Fork at Wayne City

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| Q7,10 | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| 1 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 20 | 8018 | 13796 | 25754 | 57797 | 4676 | 6607 | 9919 | 17031 |
| | 40 | 8587 | 14941 | 27006 | 60072 | 4883 | 6956 | 10234 | 17484 |
| 2 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 20 | 7541 | 13796 | 25754 | 57797 | 4499 | 6607 | 9919 | 17031 |
| | 40 | 8057 | 14332 | 26381 | 58935 | 4690 | 6772 | 10077 | 17258 |
| 3 | 5 | 8485 | 13796 | 25754 | 57797 | 4847 | 6607 | 9919 | 17031 |
| | 10 | 9696 | 14781 | 25754 | 57797 | 5274 | 6908 | 9919 | 17031 |
| | 20 | 10924 | 16777 | 27404 | 57797 | 5690 | 7497 | 10333 | 17031 |
| | 40 | 11801 | 18777 | 30996 | 65700 | 5978 | 8066 | 11211 | 18584 |
| 4 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 8169 | 13796 | 25754 | 57797 | 4732 | 6607 | 9919 | 17031 |
| | 20 | 9054 | 14757 | 25754 | 57797 | 5050 | 6901 | 9919 | 17031 |
| | 40 | 9705 | 16282 | 28392 | 62599 | 5277 | 7353 | 10578 | 17982 |
| 5 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 20 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 40 | 7952 | 14213 | 26258 | 58713 | 4652 | 6735 | 10046 | 17214 |
| 6 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 20 | 7692 | 13796 | 25754 | 57797 | 4555 | 6607 | 9919 | 17031 |
| | 40 | 8225 | 14525 | 26578 | 59294 | 4752 | 6830 | 10127 | 17330 |
| 7 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 20 | 7723 | 13796 | 25754 | 57797 | 4567 | 6607 | 9919 | 17031 |
| | 40 | 8259 | 14565 | 26619 | 59368 | 4765 | 6842 | 10137 | 17344 |
| 8 | 5 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 10 | 7516 | 13796 | 25754 | 57797 | 4489 | 6607 | 9919 | 17031 |
| | 20 | 8187 | 13848 | 25754 | 57797 | 4738 | 6624 | 9919 | 17031 |
| | 40 | 8775 | 15159 | 27230 | 60479 | 4950 | 7021 | 10290 | 17565 |

TABLE 6.011 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3381500 Little Wabash River at Carmi

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 39478 | 71480 | 138555 | 288700 | 13171 | 19688 | 31164 | 52596 |
| Q7,10 | 10 | 39478 | 71480 | 138555 | 288700 | 13171 | 19688 | 31164 | 52596 |
| 1 | 5 | 43282 | 71480 | 138555 | 288700 | 14009 | 19688 | 31164 | 52596 |
| | 10 | 53223 | 81344 | 138555 | 288700 | 16105 | 21515 | 31164 | 52596 |
| | 20 | 60991 | 93686 | 153704 | 293005 | 17666 | 23719 | 33527 | 53162 |
| | 40 | 68207 | 108085 | 176902 | 356266 | 19066 | 26194 | 37034 | 61267 |
| 2 | 5 | 39478 | 71480 | 138555 | 288700 | 13171 | 19688 | 31164 | 52596 |
| | 10 | 42938 | 71480 | 138555 | 288700 | 13934 | 19688 | 31164 | 52596 |
| | 20 | 48864 | 79283 | 138555 | 288700 | 15201 | 21139 | 31164 | 52596 |
| | 40 | 54369 | 89868 | 157127 | 320284 | 16339 | 23046 | 34053 | 56703 |
| 3 | 5 | 61191 | 82806 | 138555 | 288700 | 17705 | 21781 | 31164 | 52596 |
| | 10 | 76437 | 104076 | 155118 | 288700 | 20614 | 25515 | 33745 | 52596 |
| | 20 | 87936 | 120844 | 186737 | 329999 | 22703 | 28315 | 38485 | 57946 |
| | 40 | 101059 | 140944 | 213166 | 421355 | 24998 | 31541 | 42293 | 69258 |
| 4 | 5 | 42765 | 71480 | 138555 | 288700 | 13896 | 19688 | 31164 | 52596 |
| | 10 | 52464 | 80400 | 138555 | 288700 | 15949 | 21343 | 31164 | 52596 |
| | 20 | 60077 | 92580 | 152349 | 291497 | 17485 | 23525 | 33318 | 52964 |
| | 40 | 67171 | 106737 | 175423 | 353439 | 18868 | 25967 | 36814 | 60912 |
| 5 | 5 | 39478 | 71480 | 138555 | 288700 | 13171 | 19688 | 31164 | 52596 |
| | 10 | 40360 | 71480 | 138555 | 288700 | 13367 | 19688 | 31164 | 52596 |
| | 20 | 45635 | 75494 | 138555 | 288700 | 14516 | 20439 | 31164 | 52596 |
| | 40 | 50721 | 85676 | 153596 | 312295 | 15589 | 22299 | 33511 | 55673 |
| 6 | 5 | 39478 | 71480 | 138555 | 288700 | 13171 | 19688 | 31164 | 52596 |
| | 10 | 44276 | 71480 | 138555 | 288700 | 14224 | 19688 | 31164 | 52596 |
| | 20 | 50461 | 81164 | 139341 | 288700 | 15535 | 21483 | 31289 | 52596 |
| | 40 | 56172 | 92185 | 159622 | 324272 | 16705 | 23456 | 34434 | 57214 |
| 7 | 5 | 39478 | 71480 | 138555 | 288700 | 13171 | 19688 | 31164 | 52596 |
| | 10 | 42354 | 71480 | 138555 | 288700 | 13806 | 19688 | 31164 | 52596 |
| | 20 | 48032 | 78305 | 138555 | 288700 | 15026 | 20959 | 31164 | 52596 |
| | 40 | 53431 | 88664 | 155834 | 318218 | 16147 | 22833 | 33855 | 56437 |
| 8 | 5 | 40336 | 71480 | 138555 | 288700 | 13362 | 19688 | 31164 | 52596 |
| | 10 | 48728 | 75755 | 138555 | 288700 | 15172 | 20488 | 31164 | 52596 |
| | 20 | 55793 | 87137 | 147137 | 288700 | 16628 | 22560 | 32511 | 52596 |
| | 40 | 62055 | 100082 | 168170 | 339671 | 17875 | 24830 | 35729 | 59176 |

TABLE 6.012 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3612000 Cache River at Forman

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| Q7,10 | 10 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| 1 | 5 | 1406 | 5174 | 13252 | 32500 | 1606 | 3554 | 6439 | 11569 |
| | 10 | 2107 | 5327 | 13252 | 32500 | 2049 | 3619 | 6439 | 11569 |
| | 20 | 2736 | 6676 | 14365 | 32500 | 2401 | 4167 | 6782 | 11569 |
| | 40 | 3266 | 7698 | 16216 | 35686 | 2675 | 4558 | 7334 | 12311 |
| 2 | 5 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| | 10 | 1416 | 5174 | 13252 | 32500 | 1613 | 3554 | 6439 | 11569 |
| | 20 | 1840 | 5538 | 13252 | 32500 | 1888 | 3708 | 6439 | 11569 |
| | 40 | 2218 | 6427 | 14735 | 33995 | 2113 | 4069 | 6894 | 11920 |
| 3 | 5 | 5508 | 8734 | 14898 | 32500 | 3695 | 4936 | 6943 | 11569 |
| | 10 | 7617 | 11667 | 18926 | 35645 | 4527 | 5934 | 8107 | 12302 |
| | 20 | 9368 | 14061 | 22406 | 41290 | 5160 | 6689 | 9052 | 13573 |
| | 40 | 10645 | 15874 | 25186 | 50801 | 5597 | 7233 | 9774 | 15605 |
| 4 | 5 | 2388 | 5322 | 13252 | 32500 | 2210 | 3617 | 6439 | 11569 |
| | 10 | 3618 | 7378 | 14290 | 32500 | 2849 | 4437 | 6759 | 11569 |
| | 20 | 4653 | 9090 | 17105 | 35023 | 3328 | 5062 | 7592 | 12159 |
| | 40 | 5486 | 10339 | 19304 | 40245 | 3686 | 5494 | 8212 | 13341 |
| 5 | 5 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| | 10 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| | 20 | 1452 | 5174 | 13252 | 32500 | 1637 | 3554 | 6439 | 11569 |
| | 40 | 1758 | 5869 | 14086 | 33294 | 1837 | 3844 | 6697 | 11756 |
| 6 | 5 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| | 10 | 1438 | 5174 | 13252 | 32500 | 1628 | 3554 | 6439 | 11569 |
| | 20 | 1870 | 5576 | 13252 | 32500 | 1906 | 3724 | 6439 | 11569 |
| | 40 | 2252 | 6469 | 14784 | 34052 | 2133 | 4086 | 6909 | 11933 |
| 7 | 5 | 1171 | 5174 | 13252 | 32500 | 1440 | 3554 | 6439 | 11569 |
| | 10 | 1568 | 5174 | 13252 | 32500 | 1715 | 3554 | 6439 | 11569 |
| | 20 | 2040 | 5774 | 13345 | 32500 | 2009 | 3805 | 6468 | 11569 |
| | 40 | 2452 | 6711 | 15066 | 34375 | 2246 | 4181 | 6993 | 12008 |
| 8 | 5 | 1541 | 5174 | 13252 | 32500 | 1697 | 3554 | 6439 | 11569 |
| | 10 | 2327 | 5635 | 13252 | 32500 | 2176 | 3748 | 6439 | 11569 |
| | 20 | 3014 | 7041 | 14777 | 32500 | 2547 | 4309 | 6906 | 11569 |
| | 40 | 3591 | 8096 | 16681 | 36331 | 2836 | 4705 | 7469 | 12460 |

TABLE 6.013 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5415500 E. F. Galena River at Council Hill

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 71 | 309 | 0 | 0 | 286 | 660 |
| Q7,10 | 10 | 196 | 251 | 396 | 814 | 507 | 586 | 761 | 1161 |
| 1 | 5 | 525 | 633 | 827 | 853 | 898 | 1001 | 1172 | 1194 |
| | 10 | 843 | 1011 | 1335 | 1379 | 1185 | 1320 | 1557 | 1587 |
| | 20 | 1245 | 1447 | 1812 | 1827 | 1494 | 1634 | 1870 | 1880 |
| | 40 | 1664 | 1946 | 2495 | 2568 | 1777 | 1953 | 2270 | 2310 |
| 2 | 5 | 112 | 147 | 216 | 471 | 370 | 430 | 537 | 842 |
| | 10 | 178 | 223 | 355 | 750 | 480 | 547 | 714 | 1106 |
| | 20 | 260 | 342 | 545 | 1134 | 597 | 700 | 917 | 1413 |
| | 40 | 381 | 509 | 806 | 1505 | 745 | 882 | 1154 | 1673 |
| 3 | 5 | 853 | 853 | 853 | 853 | 1194 | 1194 | 1194 | 1193 |
| | 10 | 1379 | 1379 | 1378 | 1378 | 1588 | 1588 | 1587 | 1587 |
| | 20 | 1827 | 1827 | 1826 | 1826 | 1880 | 1880 | 1879 | 1879 |
| | 40 | 2569 | 2568 | 2568 | 2567 | 2311 | 2310 | 2310 | 2309 |
| 4 | 5 | 196 | 249 | 372 | 704 | 507 | 582 | 735 | 1066 |
| | 10 | 316 | 409 | 599 | 1129 | 668 | 776 | 969 | 1409 |
| | 20 | 486 | 630 | 912 | 1580 | 858 | 999 | 1241 | 1723 |
| | 40 | 721 | 910 | 1255 | 2151 | 1081 | 1240 | 1501 | 2075 |
| 5 | 5 | 202 | 260 | 385 | 722 | 517 | 597 | 750 | 1082 |
| | 10 | 328 | 426 | 619 | 1159 | 683 | 794 | 988 | 1431 |
| | 20 | 505 | 657 | 941 | 1614 | 877 | 1024 | 1265 | 1745 |
| | 40 | 747 | 933 | 1288 | 2201 | 1104 | 1259 | 1524 | 2104 |
| 6 | 5 | 305 | 382 | 533 | 854 | 654 | 746 | 905 | 1194 |
| | 10 | 496 | 614 | 856 | 1379 | 868 | 984 | 1196 | 1588 |
| | 20 | 765 | 934 | 1259 | 1827 | 1119 | 1259 | 1504 | 1880 |
| | 40 | 1066 | 1280 | 1687 | 2569 | 1362 | 1519 | 1792 | 2311 |
| 7 | 5 | 242 | 314 | 449 | 811 | 573 | 665 | 820 | 1158 |
| | 10 | 398 | 509 | 717 | 1307 | 764 | 882 | 1078 | 1538 |
| | 20 | 613 | 785 | 1086 | 1781 | 983 | 1136 | 1377 | 1851 |
| | 40 | 890 | 1092 | 1451 | 2449 | 1224 | 1382 | 1637 | 2244 |
| 8 | 5 | 333 | 418 | 578 | 853 | 689 | 786 | 950 | 1194 |
| | 10 | 539 | 670 | 922 | 1379 | 911 | 1036 | 1250 | 1588 |
| | 20 | 833 | 1015 | 1345 | 1827 | 1177 | 1323 | 1564 | 1880 |
| | 40 | 1154 | 1372 | 1822 | 2569 | 1428 | 1583 | 1877 | 2311 |

TABLE 6.014 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5419000 Apple River near Hanover

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 1340 | 8904 | 0 | 0 | 1560 | 4996 |
| Q7,10 | 10 | 1211 | 2301 | 4863 | 12769 | 1469 | 2161 | 3420 | 6287 |
| 1 | 5 | 3969 | 5572 | 9016 | 17104 | 3016 | 3722 | 5036 | 7591 |
| | 10 | 7467 | 10072 | 14381 | 23571 | 4471 | 5403 | 6787 | 9358 |
| | 20 | 11308 | 13891 | 18685 | 29646 | 5817 | 6637 | 8040 | 10885 |
| | 40 | 14358 | 17399 | 23399 | 40641 | 6780 | 7676 | 9313 | 13429 |
| 2 | 5 | 0 | 1057 | 2383 | 8904 | 0 | 1355 | 2207 | 4996 |
| | 10 | 1196 | 2247 | 4787 | 12661 | 1458 | 2130 | 3387 | 6253 |
| | 20 | 2240 | 4035 | 7876 | 16801 | 2126 | 3047 | 4624 | 7504 |
| | 40 | 3816 | 6274 | 10781 | 20982 | 2944 | 4008 | 5642 | 8671 |
| 3 | 5 | 7347 | 9541 | 13457 | 21897 | 4426 | 5220 | 6503 | 8917 |
| | 10 | 12363 | 15020 | 19530 | 28916 | 6158 | 6980 | 8275 | 10706 |
| | 20 | 16476 | 19387 | 24529 | 37158 | 7410 | 8236 | 9606 | 12648 |
| | 40 | 20565 | 24300 | 30590 | 54969 | 8558 | 9547 | 11113 | 16461 |
| 4 | 5 | 1024 | 1576 | 3390 | 9661 | 1330 | 1720 | 2737 | 5262 |
| | 10 | 2174 | 3426 | 6565 | 15166 | 2088 | 2755 | 4124 | 7023 |
| | 20 | 3912 | 6014 | 10306 | 19547 | 2989 | 3903 | 5483 | 8280 |
| | 40 | 6120 | 8760 | 13240 | 24505 | 3946 | 4945 | 6435 | 9600 |
| 5 | 5 | 1592 | 2719 | 5035 | 12064 | 1730 | 2392 | 3495 | 6063 |
| | 10 | 3463 | 5359 | 9205 | 17969 | 2773 | 3633 | 5103 | 7838 |
| | 20 | 6078 | 8684 | 12988 | 23045 | 3929 | 4918 | 6356 | 9220 |
| | 40 | 8841 | 11634 | 16380 | 28262 | 4974 | 5923 | 7382 | 10546 |
| 6 | 5 | 2381 | 3445 | 6123 | 13717 | 2206 | 2765 | 3947 | 6583 |
| | 10 | 4784 | 6666 | 10968 | 19823 | 3385 | 4163 | 5704 | 8356 |
| | 20 | 7872 | 10441 | 14826 | 24892 | 4622 | 5528 | 6921 | 9699 |
| | 40 | 10777 | 13385 | 18453 | 31026 | 5641 | 6480 | 7975 | 11218 |
| 7 | 5 | 1693 | 2823 | 5190 | 12297 | 1796 | 2447 | 3561 | 6137 |
| | 10 | 3628 | 5544 | 9454 | 18229 | 2854 | 3710 | 5190 | 7912 |
| | 20 | 6326 | 8933 | 13247 | 23369 | 4029 | 5007 | 6437 | 9305 |
| | 40 | 9110 | 11899 | 16673 | 28651 | 5069 | 6009 | 7467 | 10641 |
| 8 | 5 | 2537 | 3672 | 6440 | 14079 | 2293 | 2875 | 4074 | 6694 |
| | 10 | 5029 | 7039 | 11346 | 20221 | 3492 | 4308 | 5829 | 8465 |
| | 20 | 8236 | 10825 | 15238 | 25397 | 4756 | 5657 | 7045 | 9828 |
| | 40 | 11161 | 13815 | 18980 | 32087 | 5768 | 6613 | 8122 | 11471 |

TABLE 6.015 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5420000 Plum River below Carroll Ck. near Savanna

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 2099 | 5341 | 12740 | 39681 | 2044 | 3625 | 6278 | 13216 |
| Q7,10 | 10 | 4807 | 7098 | 12740 | 39681 | 3395 | 4331 | 6278 | 13216 |
| 1 | 5 | 10240 | 12207 | 15770 | 39681 | 5460 | 6109 | 7203 | 13216 |
| | 10 | 14785 | 17106 | 21127 | 39681 | 6909 | 7592 | 8710 | 13216 |
| | 20 | 24204 | 28155 | 35852 | 54655 | 9522 | 10519 | 12350 | 16397 |
| | 40 | 52901 | 62099 | 82204 | 128933 | 16039 | 17884 | 21672 | 29629 |
| 2 | 5 | 4420 | 5747 | 12740 | 39681 | 3223 | 3795 | 6278 | 13216 |
| | 10 | 6994 | 9248 | 12782 | 39681 | 4291 | 5118 | 6291 | 13216 |
| | 20 | 10673 | 14067 | 20886 | 39681 | 5606 | 6691 | 8645 | 13216 |
| | 40 | 19105 | 25901 | 42585 | 78934 | 8157 | 9956 | 13857 | 21075 |
| 3 | 5 | 15625 | 17651 | 20976 | 39681 | 7160 | 7748 | 8670 | 13216 |
| | 10 | 20867 | 24492 | 30773 | 43417 | 8640 | 9596 | 11157 | 14038 |
| | 20 | 35408 | 40837 | 51986 | 75700 | 12248 | 13473 | 15851 | 20477 |
| | 40 | 81238 | 94326 | 117136 | 169970 | 21496 | 23831 | 27705 | 35999 |
| 4 | 5 | 6229 | 7780 | 12740 | 39681 | 3990 | 4588 | 6278 | 13216 |
| | 10 | 9904 | 11971 | 15635 | 39681 | 5345 | 6032 | 7163 | 13216 |
| | 20 | 15303 | 19381 | 25768 | 41487 | 7064 | 8234 | 9922 | 13616 |
| | 40 | 28890 | 38569 | 57593 | 95980 | 10700 | 12967 | 16990 | 24120 |
| 5 | 5 | 5369 | 6950 | 12740 | 39681 | 3637 | 4274 | 6278 | 13216 |
| | 10 | 8735 | 10834 | 14480 | 39681 | 4936 | 5660 | 6817 | 13216 |
| | 20 | 13098 | 17237 | 23643 | 39681 | 6391 | 7630 | 9377 | 13216 |
| | 40 | 23608 | 33494 | 51343 | 89112 | 9367 | 11803 | 15718 | 22912 |
| 6 | 5 | 6875 | 8570 | 12740 | 39681 | 4245 | 4877 | 6278 | 13216 |
| | 10 | 10826 | 12903 | 16668 | 39681 | 5657 | 6329 | 7465 | 13216 |
| | 20 | 17043 | 21110 | 27430 | 44213 | 7574 | 8706 | 10340 | 14211 |
| | 40 | 33033 | 43240 | 59944 | 101682 | 11694 | 14000 | 17459 | 25105 |
| 7 | 5 | 6107 | 7662 | 12740 | 39681 | 3941 | 4544 | 6278 | 13216 |
| | 10 | 9737 | 11808 | 15470 | 39681 | 5288 | 5980 | 7114 | 13216 |
| | 20 | 14989 | 19074 | 25464 | 41100 | 6970 | 8149 | 9845 | 13531 |
| | 40 | 28123 | 37904 | 56679 | 94995 | 10512 | 12817 | 16807 | 23948 |
| 8 | 5 | 7403 | 9234 | 12740 | 39681 | 4447 | 5113 | 6278 | 13216 |
| | 10 | 11454 | 13646 | 17445 | 39681 | 5865 | 6561 | 7689 | 13216 |
| | 20 | 18407 | 22111 | 28730 | 46560 | 7962 | 8974 | 10661 | 14714 |
| | 40 | 36404 | 47184 | 63810 | 106253 | 12476 | 14846 | 18218 | 25885 |

TABLE 6.016 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5435500 Pecatonica River at Freeport

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 6836 | 0 | 0 | 0 | 4229 |
| Q7,10 | 10 | 4818 | 5875 | 10886 | 31844 | 3400 | 3847 | 5677 | 11413 |
| 1 | 5 | 26972 | 34608 | 37591 | 37576 | 10225 | 12063 | 12746 | 12743 |
| | 10 | 51815 | 64695 | 69750 | 69721 | 15815 | 18390 | 19360 | 19355 |
| | 20 | 78472 | 94412 | 100656 | 100614 | 20990 | 23846 | 24929 | 24922 |
| | 40 | 104042 | 121754 | 128742 | 128686 | 25509 | 28464 | 29598 | 29589 |
| 2 | 5 | 0 | 4674 | 6918 | 19093 | 0 | 3337 | 4261 | 8154 |
| | 10 | 5242 | 7438 | 13541 | 37622 | 3583 | 4460 | 6529 | 12753 |
| | 20 | 8142 | 12480 | 23294 | 60491 | 4722 | 6196 | 9285 | 17567 |
| | 40 | 12144 | 19123 | 35675 | 81783 | 6088 | 8162 | 12309 | 21595 |
| 3 | 5 | 37595 | 37590 | 37583 | 37569 | 12747 | 12746 | 12745 | 12741 |
| | 10 | 69758 | 69749 | 69734 | 69705 | 19362 | 19360 | 19357 | 19352 |
| | 20 | 100668 | 100655 | 100634 | 100591 | 24931 | 24929 | 24925 | 24918 |
| | 40 | 128757 | 128740 | 128712 | 128656 | 29601 | 29598 | 29593 | 29584 |
| 4 | 5 | 4588 | 5400 | 8777 | 24228 | 3299 | 3650 | 4951 | 9528 |
| | 10 | 7149 | 9945 | 17888 | 47278 | 4350 | 5360 | 7815 | 14866 |
| | 20 | 11952 | 16947 | 30945 | 72382 | 6026 | 7546 | 11198 | 19858 |
| | 40 | 18250 | 26654 | 46702 | 97003 | 7918 | 10146 | 14744 | 24298 |
| 5 | 5 | 8911 | 12653 | 20817 | 37592 | 4999 | 6251 | 8627 | 12747 |
| | 10 | 18206 | 25446 | 40868 | 69753 | 7905 | 9841 | 13479 | 19361 |
| | 20 | 31511 | 43546 | 64460 | 100661 | 11334 | 14066 | 18344 | 24930 |
| | 40 | 47506 | 60886 | 86859 | 128747 | 14915 | 17645 | 22511 | 29599 |
| 6 | 5 | 13679 | 18538 | 29059 | 37587 | 6572 | 7999 | 10741 | 12745 |
| | 10 | 27321 | 36577 | 55323 | 69742 | 10313 | 12516 | 16533 | 19359 |
| | 20 | 46844 | 59219 | 82818 | 100644 | 14774 | 17315 | 21783 | 24927 |
| | 40 | 64633 | 80158 | 108848 | 128726 | 18378 | 21299 | 26323 | 29596 |
| 7 | 5 | 9965 | 13778 | 22528 | 37591 | 5367 | 6602 | 9084 | 12746 |
| | 10 | 20282 | 27512 | 44076 | 69750 | 8481 | 10360 | 14181 | 19360 |
| | 20 | 34979 | 47163 | 68424 | 100657 | 12149 | 14842 | 19108 | 24929 |
| | 40 | 51573 | 64996 | 91932 | 128742 | 15765 | 18448 | 23411 | 29598 |
| 8 | 5 | 14514 | 19843 | 30779 | 37586 | 6827 | 8361 | 11158 | 12745 |
| | 10 | 28935 | 39038 | 58222 | 69740 | 10711 | 13072 | 17116 | 19358 |
| | 20 | 49539 | 62215 | 86415 | 100642 | 15342 | 17906 | 22431 | 24927 |
| | 40 | 67700 | 83987 | 112831 | 128722 | 18969 | 21994 | 26991 | 29595 |

TABLE 6.017 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5437000 Pecatonica River at Shirland

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 10479 | 0 | 0 | 0 | 5541 |
| Q7,10 | 10 | 9010 | 14716 | 27388 | 75272 | 5034 | 6888 | 10329 | 20398 |
| 1 | 5 | 40174 | 52687 | 64946 | 64921 | 13326 | 15995 | 18439 | 18434 |
| | 10 | 79937 | 101407 | 121876 | 121826 | 21258 | 25058 | 28484 | 28476 |
| | 20 | 122903 | 148635 | 171840 | 171768 | 28652 | 32744 | 36279 | 36269 |
| | 40 | 162326 | 193762 | 222738 | 222641 | 34845 | 39510 | 43643 | 43629 |
| 2 | 5 | 0 | 0 | 9603 | 30940 | 0 | 0 | 5242 | 11197 |
| | 10 | 0 | 10237 | 20644 | 59334 | 0 | 5459 | 8580 | 17338 |
| | 20 | 12640 | 18186 | 33476 | 98042 | 6246 | 7900 | 11798 | 24478 |
| | 40 | 19170 | 28531 | 52250 | 132549 | 8175 | 10612 | 15905 | 30209 |
| 3 | 5 | 61401 | 64946 | 64934 | 64909 | 17746 | 18439 | 18436 | 18431 |
| | 10 | 115943 | 121877 | 121852 | 121801 | 27508 | 28484 | 28480 | 28472 |
| | 20 | 165112 | 171841 | 171805 | 171733 | 35267 | 36279 | 36274 | 36263 |
| | 40 | 214321 | 222739 | 222690 | 222594 | 42457 | 43643 | 43636 | 43623 |
| 4 | 5 | 0 | 0 | 13146 | 38244 | 0 | 0 | 6406 | 12894 |
| | 10 | 9137 | 14822 | 27553 | 75664 | 5079 | 6920 | 10370 | 20471 |
| | 20 | 16801 | 24288 | 45791 | 117564 | 7504 | 9544 | 14550 | 27776 |
| | 40 | 26335 | 38156 | 70554 | 156097 | 10066 | 12874 | 19513 | 33895 |
| 5 | 5 | 21664 | 29280 | 45206 | 64938 | 8855 | 10795 | 14424 | 18437 |
| | 10 | 42169 | 55658 | 89415 | 121860 | 13766 | 16601 | 22966 | 28481 |
| | 20 | 71475 | 93533 | 134191 | 171816 | 19687 | 23692 | 30472 | 36276 |
| | 40 | 101656 | 127300 | 175885 | 222706 | 25101 | 29366 | 36883 | 43638 |
| 6 | 5 | 26123 | 34846 | 53607 | 64933 | 10012 | 12118 | 16184 | 18436 |
| | 10 | 49541 | 68163 | 102938 | 121850 | 15343 | 19058 | 25320 | 28480 |
| | 20 | 84688 | 108204 | 150380 | 171803 | 22121 | 26215 | 33014 | 36274 |
| | 40 | 117004 | 145181 | 195923 | 222688 | 27683 | 32206 | 39823 | 43636 |
| 7 | 5 | 18976 | 26267 | 40941 | 64940 | 8121 | 10049 | 13496 | 18437 |
| | 10 | 37728 | 49779 | 81637 | 121865 | 12777 | 15392 | 21569 | 28482 |
| | 20 | 63668 | 85115 | 125028 | 171824 | 18190 | 22198 | 28997 | 36277 |
| | 40 | 93389 | 117501 | 164807 | 222716 | 23667 | 27765 | 35221 | 43640 |
| 8 | 5 | 24977 | 33405 | 51407 | 64934 | 9721 | 11782 | 15731 | 18436 |
| | 10 | 47653 | 64955 | 99281 | 121853 | 14946 | 18440 | 24692 | 28480 |
| | 20 | 81303 | 104253 | 146215 | 171806 | 21508 | 25545 | 32367 | 36274 |
| | 40 | 113062 | 140589 | 190764 | 222692 | 27029 | 31485 | 39074 | 43637 |

TABLE 6.018 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5437500 Rock River at Rockton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 30088 | 0 | 0 | 0 | 10992 |
| Q7,10 | 10 | 21614 | 29317 | 55255 | 161734 | 8841 | 10805 | 16519 | 34755 |
| 1 | 5 | 80495 | 107818 | 166034 | 183355 | 21361 | 26149 | 35407 | 37988 |
| | 10 | 153147 | 203786 | 292961 | 318629 | 33442 | 40956 | 53156 | 56490 |
| | 20 | 241634 | 297635 | 400563 | 429828 | 46267 | 53768 | 66739 | 70277 |
| | 40 | 318263 | 384567 | 499631 | 531884 | 56443 | 64780 | 78501 | 82212 |
| 2 | 5 | 0 | 0 | 23038 | 70359 | 0 | 0 | 9218 | 19476 |
| | 10 | 19242 | 23129 | 43409 | 134704 | 8195 | 9242 | 14036 | 30553 |
| | 20 | 24479 | 38343 | 75259 | 219703 | 9593 | 12916 | 20395 | 43217 |
| | 40 | 38937 | 57997 | 115064 | 291781 | 13050 | 17071 | 27362 | 53001 |
| 3 | 5 | 173902 | 183401 | 183365 | 183293 | 36587 | 37995 | 37990 | 37979 |
| | 10 | 304616 | 318714 | 318648 | 318514 | 54678 | 56501 | 56493 | 56475 |
| | 20 | 413860 | 429944 | 429853 | 429671 | 68354 | 70291 | 70280 | 70258 |
| | 40 | 514290 | 532029 | 531915 | 531688 | 80194 | 82228 | 82215 | 82189 |
| 4 | 5 | 18246 | 22193 | 36253 | 108042 | 7917 | 8995 | 12442 | 26187 |
| | 10 | 27050 | 40530 | 74638 | 204203 | 10245 | 13405 | 20280 | 41016 |
| | 20 | 46619 | 70296 | 127224 | 298098 | 14726 | 19464 | 29353 | 53829 |
| | 40 | 70434 | 107310 | 188193 | 385117 | 19490 | 26063 | 38698 | 64848 |
| 5 | 5 | 28464 | 38348 | 70248 | 174541 | 10595 | 12917 | 19455 | 36683 |
| | 10 | 56669 | 79583 | 134512 | 305564 | 16805 | 21194 | 30523 | 54801 |
| | 20 | 97645 | 135157 | 219415 | 414941 | 24409 | 30625 | 43176 | 68484 |
| | 40 | 146238 | 199728 | 291470 | 515483 | 32371 | 40373 | 52960 | 80331 |
| 6 | 5 | 39899 | 60184 | 100510 | 183397 | 13265 | 17506 | 24904 | 37994 |
| | 10 | 83361 | 117161 | 190164 | 318707 | 21881 | 27709 | 38986 | 56500 |
| | 20 | 141218 | 193385 | 282522 | 429934 | 31584 | 39455 | 51780 | 70290 |
| | 40 | 208565 | 263513 | 366640 | 532016 | 41639 | 49243 | 62562 | 82227 |
| 7 | 5 | 33895 | 47125 | 83281 | 183410 | 11896 | 14834 | 21867 | 37996 |
| | 10 | 69273 | 95656 | 158279 | 318732 | 19269 | 24064 | 34229 | 56503 |
| | 20 | 118562 | 160025 | 247283 | 429968 | 27940 | 34495 | 47041 | 70294 |
| | 40 | 175346 | 229471 | 324943 | 532059 | 36803 | 44584 | 57300 | 82232 |
| 8 | 5 | 53045 | 73215 | 117659 | 183383 | 16068 | 20014 | 27791 | 37992 |
| | 10 | 105577 | 139921 | 222882 | 318681 | 25770 | 31380 | 43663 | 56497 |
| | 20 | 175152 | 227526 | 318864 | 429898 | 36774 | 44313 | 56520 | 70285 |
| | 40 | 244006 | 300203 | 409751 | 531972 | 46592 | 54103 | 67856 | 82222 |

TABLE 6.019 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5438250 Coon Creek at Riley

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 335 | 1094 | 3484 | 0 | 692 | 1383 | 2784 |
| Q7,10 | 10 | 355 | 513 | 1392 | 3521 | 715 | 886 | 1596 | 2802 |
| 1 | 5 | 1483 | 2019 | 2999 | 5251 | 1658 | 1996 | 2539 | 3587 |
| | 10 | 2240 | 2913 | 4111 | 6850 | 2126 | 2494 | 3082 | 4235 |
| | 20 | 2866 | 3602 | 4993 | 7900 | 2470 | 2841 | 3476 | 4633 |
| | 40 | 3332 | 4150 | 5587 | 8798 | 2708 | 3100 | 3728 | 4959 |
| 2 | 5 | 395 | 664 | 1381 | 3484 | 760 | 1030 | 1589 | 2784 |
| | 10 | 624 | 1146 | 2112 | 4467 | 993 | 1422 | 2052 | 3244 |
| | 20 | 935 | 1558 | 2712 | 5403 | 1260 | 1708 | 2388 | 3651 |
| | 40 | 1247 | 1906 | 3164 | 5981 | 1495 | 1928 | 2624 | 3890 |
| 3 | 5 | 2311 | 2914 | 3978 | 6397 | 2167 | 2495 | 3020 | 4057 |
| | 10 | 3276 | 4005 | 5344 | 8152 | 2680 | 3033 | 3626 | 4725 |
| | 20 | 4010 | 4871 | 6356 | 9271 | 3035 | 3423 | 4041 | 5126 |
| | 40 | 4603 | 5470 | 6932 | 10797 | 3305 | 3679 | 4267 | 5648 |
| 4 | 5 | 603 | 939 | 1765 | 3758 | 973 | 1263 | 1841 | 2916 |
| | 10 | 1026 | 1572 | 2598 | 5080 | 1331 | 1717 | 2326 | 3514 |
| | 20 | 1414 | 2056 | 3277 | 6081 | 1612 | 2019 | 2681 | 3931 |
| | 40 | 1751 | 2448 | 3760 | 6650 | 1832 | 2244 | 2917 | 4157 |
| 5 | 5 | 548 | 832 | 1647 | 3614 | 920 | 1176 | 1766 | 2847 |
| | 10 | 922 | 1442 | 2452 | 4906 | 1249 | 1631 | 2246 | 3439 |
| | 20 | 1286 | 1901 | 3115 | 5900 | 1523 | 1926 | 2599 | 3857 |
| | 40 | 1621 | 2280 | 3580 | 6465 | 1749 | 2149 | 2830 | 4084 |
| 6 | 5 | 844 | 1339 | 2219 | 4319 | 1186 | 1560 | 2114 | 3178 |
| | 10 | 1457 | 2059 | 3160 | 5753 | 1641 | 2021 | 2622 | 3797 |
| | 20 | 1919 | 2649 | 3881 | 6784 | 1936 | 2354 | 2974 | 4209 |
| | 40 | 2299 | 3094 | 4459 | 7370 | 2160 | 2588 | 3241 | 4434 |
| 7 | 5 | 735 | 1198 | 2057 | 4118 | 1093 | 1460 | 2019 | 3085 |
| | 10 | 1292 | 1884 | 2961 | 5512 | 1527 | 1915 | 2519 | 3697 |
| | 20 | 1723 | 2436 | 3656 | 6532 | 1815 | 2237 | 2867 | 4110 |
| | 40 | 2089 | 2864 | 4209 | 7112 | 2038 | 2469 | 3127 | 4336 |
| 8 | 5 | 1250 | 1745 | 2689 | 4891 | 1497 | 1828 | 2376 | 3432 |
| | 10 | 1949 | 2572 | 3723 | 6432 | 1954 | 2312 | 2900 | 4071 |
| | 20 | 2515 | 3249 | 4546 | 7483 | 2281 | 2667 | 3280 | 4477 |
| | 40 | 2949 | 3729 | 5158 | 8152 | 2513 | 2902 | 3547 | 4725 |

TABLE 6.020 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5438500 Kishwaukee River at Belvidere

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 2677 | 14744 | 0 | 0 | 2369 | 6897 |
| Q7,10 | 10 | 2360 | 3544 | 7876 | 20844 | 2194 | 2813 | 4624 | 8634 |
| 1 | 5 | 7245 | 10132 | 15539 | 29502 | 4387 | 5423 | 7134 | 10850 |
| | 10 | 12448 | 16642 | 24075 | 40710 | 6185 | 7458 | 9489 | 13445 |
| | 20 | 17837 | 22600 | 31181 | 49537 | 7801 | 9103 | 11255 | 15342 |
| | 40 | 21938 | 27394 | 36710 | 59209 | 8928 | 10331 | 12546 | 17313 |
| 2 | 5 | 0 | 2093 | 4637 | 14744 | 0 | 2040 | 3320 | 6897 |
| | 10 | 2605 | 4251 | 8797 | 22121 | 2330 | 3147 | 4958 | 8976 |
| | 20 | 4296 | 6917 | 13198 | 29017 | 3167 | 4261 | 6422 | 10731 |
| | 40 | 5968 | 9459 | 16831 | 34403 | 3885 | 5192 | 7513 | 12015 |
| 3 | 5 | 12593 | 16236 | 22849 | 38282 | 6232 | 7340 | 9169 | 12903 |
| | 10 | 20188 | 25000 | 33000 | 51000 | 8456 | 9727 | 11687 | 15647 |
| | 20 | 26881 | 32205 | 41345 | 59412 | 10203 | 11499 | 13585 | 17353 |
| | 40 | 32128 | 37803 | 47293 | 78708 | 11481 | 12794 | 14869 | 21033 |
| 4 | 5 | 1997 | 3192 | 6892 | 17398 | 1983 | 2638 | 4251 | 7676 |
| | 10 | 4053 | 6554 | 11938 | 26544 | 3055 | 4119 | 6022 | 10118 |
| | 20 | 6638 | 10246 | 17204 | 33919 | 4152 | 5462 | 7620 | 11902 |
| | 40 | 9127 | 13390 | 21217 | 39631 | 5075 | 6482 | 8735 | 13205 |
| 5 | 5 | 3350 | 5634 | 10107 | 21977 | 2717 | 3748 | 5415 | 8938 |
| | 10 | 6894 | 10161 | 16606 | 32031 | 4252 | 5433 | 7447 | 11457 |
| | 20 | 10699 | 14941 | 22558 | 40215 | 5615 | 6956 | 9092 | 13335 |
| | 40 | 13978 | 18799 | 27348 | 46140 | 6664 | 8072 | 10319 | 14624 |
| 6 | 5 | 4952 | 7365 | 12171 | 25100 | 3459 | 4432 | 6097 | 9752 |
| | 10 | 9225 | 12621 | 19712 | 35505 | 5110 | 6240 | 8325 | 12270 |
| | 20 | 13745 | 18052 | 26169 | 44269 | 6592 | 7862 | 10024 | 14223 |
| | 40 | 17448 | 22184 | 31344 | 50278 | 7690 | 8993 | 11294 | 15497 |
| 7 | 5 | 3720 | 6235 | 10792 | 23044 | 2898 | 3993 | 5646 | 9220 |
| | 10 | 7559 | 10978 | 17668 | 33217 | 4506 | 5708 | 7753 | 11738 |
| | 20 | 11625 | 16007 | 23793 | 41598 | 5920 | 7273 | 9415 | 13640 |
| | 40 | 15061 | 20008 | 28713 | 47551 | 6992 | 8406 | 10657 | 14924 |
| 8 | 5 | 6009 | 8577 | 13643 | 27060 | 3902 | 4880 | 6560 | 10247 |
| | 10 | 10655 | 14378 | 21569 | 37798 | 5600 | 6786 | 8829 | 12793 |
| | 20 | 15605 | 20119 | 28407 | 46648 | 7154 | 8437 | 10582 | 14733 |
| | 40 | 19552 | 24490 | 33753 | 53874 | 8281 | 9596 | 11863 | 16238 |

TABLE 6.021 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5439500 S. B. Kishwaukee River near Fairdale

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 2384 | 7535 | 19053 | 0 | 2208 | 4496 | 8143 |
| Q7,10 | 10 | 2516 | 4937 | 9648 | 20918 | 2281 | 3452 | 5257 | 8654 |
| 1 | 5 | 3731 | 6484 | 11030 | 21265 | 2903 | 4092 | 5725 | 8748 |
| | 10 | 5873 | 8822 | 14171 | 25930 | 3846 | 4967 | 6723 | 9963 |
| | 20 | 7100 | 10301 | 15972 | 28641 | 4331 | 5481 | 7262 | 10639 |
| | 40 | 7726 | 11079 | 16844 | 29956 | 4568 | 5741 | 7516 | 10960 |
| 2 | 5 | 1762 | 3180 | 7535 | 19053 | 1839 | 2632 | 4496 | 8143 |
| | 10 | 2585 | 5001 | 9726 | 21014 | 2319 | 3480 | 5284 | 8680 |
| | 20 | 3195 | 6091 | 11282 | 23243 | 2639 | 3935 | 5808 | 9272 |
| | 40 | 3614 | 6660 | 12108 | 24487 | 2847 | 4161 | 6077 | 9595 |
| 3 | 5 | 6881 | 9588 | 14421 | 25182 | 4247 | 5236 | 6799 | 9773 |
| | 10 | 9260 | 12431 | 18052 | 30295 | 5122 | 6180 | 7862 | 11042 |
| | 20 | 10776 | 14202 | 20188 | 33361 | 5641 | 6732 | 8456 | 11772 |
| | 40 | 11578 | 15075 | 21212 | 34732 | 5905 | 6996 | 8733 | 12091 |
| 4 | 5 | 2593 | 4347 | 8823 | 19053 | 2324 | 3190 | 4968 | 8143 |
| | 10 | 4005 | 6526 | 11511 | 23066 | 3033 | 4108 | 5883 | 9226 |
| | 20 | 4886 | 7807 | 13210 | 25443 | 3430 | 4598 | 6426 | 9840 |
| | 40 | 5373 | 8436 | 14082 | 26762 | 3639 | 4829 | 6695 | 10173 |
| 5 | 5 | 2860 | 4879 | 9373 | 19347 | 2467 | 3427 | 5162 | 8224 |
| | 10 | 4457 | 7107 | 12173 | 23774 | 3240 | 4334 | 6097 | 9411 |
| | 20 | 5425 | 8409 | 13923 | 26234 | 3661 | 4819 | 6647 | 10040 |
| | 40 | 5955 | 9097 | 14795 | 27552 | 3880 | 5065 | 6912 | 10370 |
| 6 | 5 | 3407 | 6009 | 10533 | 20687 | 2746 | 3901 | 5559 | 8592 |
| | 10 | 5414 | 8300 | 13570 | 25280 | 3656 | 4779 | 6538 | 9798 |
| | 20 | 6577 | 9735 | 15322 | 27916 | 4128 | 5287 | 7070 | 10460 |
| | 40 | 7174 | 10486 | 16193 | 29231 | 4360 | 5543 | 7327 | 10783 |
| 7 | 5 | 2950 | 5063 | 9560 | 19563 | 2514 | 3507 | 5227 | 8284 |
| | 10 | 4610 | 7305 | 12398 | 24017 | 3308 | 4410 | 6170 | 9474 |
| | 20 | 5612 | 8624 | 14167 | 26505 | 3739 | 4896 | 6721 | 10108 |
| | 40 | 6153 | 9322 | 15039 | 27822 | 3960 | 5144 | 6985 | 10437 |
| 8 | 5 | 3564 | 6326 | 10864 | 21072 | 2822 | 4029 | 5670 | 8696 |
| | 10 | 5694 | 8648 | 13971 | 25714 | 3772 | 4905 | 6661 | 9909 |
| | 20 | 6905 | 10113 | 15756 | 28400 | 4256 | 5417 | 7198 | 10580 |
| | 40 | 7522 | 10882 | 16627 | 29714 | 4492 | 5676 | 7454 | 10901 |

TABLE 6.022 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5440000 Kishwaukee River near Perryville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 5388 | 30600 | 0 | 0 | 3645 | 11115 |
| Q7,10 | 10 | 4400 | 6805 | 16980 | 44157 | 3214 | 4218 | 7556 | 14198 |
| 1 | 5 | 14758 | 20990 | 33736 | 61846 | 6901 | 8674 | 11859 | 17834 |
| | 10 | 26044 | 34242 | 48701 | 82197 | 9992 | 11977 | 15167 | 21670 |
| | 20 | 34531 | 43227 | 59730 | 96764 | 12045 | 13997 | 17416 | 24257 |
| | 40 | 39907 | 49525 | 67681 | 105302 | 13266 | 15339 | 18966 | 25723 |
| 2 | 5 | 3642 | 4676 | 9881 | 32506 | 2860 | 3337 | 5338 | 11570 |
| | 10 | 5247 | 8304 | 19432 | 47236 | 3585 | 4781 | 8248 | 14857 |
| | 20 | 8132 | 13191 | 27340 | 58100 | 4718 | 6420 | 10317 | 17092 |
| | 40 | 10912 | 17508 | 32065 | 66001 | 5686 | 7707 | 11466 | 18643 |
| 3 | 5 | 20355 | 27883 | 40820 | 70431 | 8501 | 10452 | 13469 | 19489 |
| | 10 | 33443 | 41842 | 57487 | 92468 | 11791 | 13694 | 16969 | 23506 |
| | 20 | 42331 | 52070 | 69515 | 106986 | 13801 | 15868 | 19315 | 26009 |
| | 40 | 48524 | 59406 | 77776 | 113984 | 15129 | 17352 | 20862 | 27183 |
| 4 | 5 | 3944 | 6029 | 12647 | 36208 | 3004 | 3910 | 6249 | 12431 |
| | 10 | 6326 | 11402 | 23106 | 51652 | 4029 | 5848 | 9236 | 15782 |
| | 20 | 10112 | 17155 | 31363 | 63015 | 5417 | 7606 | 11298 | 18063 |
| | 40 | 13722 | 21481 | 36448 | 71069 | 6585 | 8806 | 12486 | 19610 |
| 5 | 5 | 7333 | 11429 | 21773 | 48009 | 4420 | 5856 | 8884 | 15021 |
| | 10 | 14358 | 21445 | 35128 | 65984 | 6779 | 8796 | 12183 | 18639 |
| | 20 | 21100 | 29579 | 44222 | 79004 | 8703 | 10868 | 14213 | 21088 |
| | 40 | 25520 | 34502 | 50637 | 87405 | 9859 | 12038 | 15571 | 22608 |
| 6 | 5 | 9624 | 15582 | 27132 | 54170 | 5249 | 7147 | 10265 | 16298 |
| | 10 | 19088 | 27181 | 40976 | 73162 | 8152 | 10278 | 13504 | 20004 |
| | 20 | 26971 | 35759 | 51099 | 87053 | 10225 | 12328 | 15667 | 22545 |
| | 40 | 31664 | 41250 | 58322 | 95428 | 11370 | 13564 | 17136 | 24024 |
| 7 | 5 | 7887 | 12644 | 23319 | 49775 | 4628 | 6248 | 9292 | 15392 |
| | 10 | 15652 | 23102 | 36886 | 68041 | 7168 | 9235 | 12586 | 19034 |
| | 20 | 22716 | 31359 | 46197 | 81309 | 9134 | 11297 | 14636 | 21509 |
| | 40 | 27250 | 36443 | 52843 | 89702 | 10295 | 12485 | 16027 | 23017 |
| 8 | 5 | 11794 | 17582 | 29763 | 57229 | 5975 | 7728 | 10913 | 16917 |
| | 10 | 21941 | 29992 | 44018 | 76728 | 8929 | 10969 | 14168 | 20668 |
| | 20 | 30111 | 38804 | 54507 | 91059 | 10997 | 13020 | 16367 | 23257 |
| | 40 | 35083 | 44297 | 62128 | 99423 | 12172 | 14229 | 17889 | 24717 |

TABLE 6.023 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5440500 Killbuck Creek Near Monroe Center

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 468 | 1840 | 4997 | 0 | 839 | 1888 | 3478 |
| Q7,10 | 10 | 542 | 916 | 2158 | 4998 | 914 | 1245 | 2078 | 3479 |
| 1 | 5 | 1102 | 1704 | 3011 | 5681 | 1389 | 1803 | 2545 | 3767 |
| | 10 | 1788 | 2574 | 3967 | 7260 | 1856 | 2313 | 3015 | 4393 |
| | 20 | 2349 | 3209 | 4729 | 8363 | 2188 | 2646 | 3361 | 4802 |
| | 40 | 2699 | 3617 | 5378 | 9185 | 2381 | 2849 | 3641 | 5096 |
| 2 | 5 | 452 | 666 | 1840 | 4997 | 823 | 1031 | 1888 | 3478 |
| | 10 | 679 | 1125 | 2431 | 5345 | 1044 | 1406 | 2235 | 3627 |
| | 20 | 989 | 1630 | 3054 | 6356 | 1303 | 1755 | 2567 | 4041 |
| | 40 | 1201 | 1995 | 3429 | 7001 | 1462 | 1982 | 2757 | 4293 |
| 3 | 5 | 1500 | 2292 | 3605 | 6352 | 1670 | 2156 | 2843 | 4040 |
| | 10 | 2367 | 3186 | 4635 | 8055 | 2199 | 2635 | 3320 | 4690 |
| | 20 | 2984 | 3877 | 5551 | 9251 | 2531 | 2973 | 3713 | 5119 |
| | 40 | 3344 | 4428 | 6189 | 10193 | 2715 | 3227 | 3974 | 5444 |
| 4 | 5 | 505 | 867 | 1868 | 4997 | 877 | 1205 | 1905 | 3478 |
| | 10 | 818 | 1425 | 2741 | 5736 | 1164 | 1619 | 2404 | 3790 |
| | 20 | 1216 | 1961 | 3391 | 6760 | 1473 | 1962 | 2738 | 4200 |
| | 40 | 1495 | 2318 | 3839 | 7436 | 1666 | 2171 | 2955 | 4459 |
| 5 | 5 | 629 | 1149 | 2301 | 4997 | 997 | 1424 | 2161 | 3478 |
| | 10 | 1070 | 1862 | 3195 | 6316 | 1365 | 1902 | 2639 | 4025 |
| | 20 | 1571 | 2429 | 3886 | 7357 | 1717 | 2233 | 2977 | 4429 |
| | 40 | 1937 | 2778 | 4439 | 8080 | 1948 | 2423 | 3232 | 4699 |
| 6 | 5 | 910 | 1402 | 2706 | 5343 | 1240 | 1603 | 2385 | 3626 |
| | 10 | 1490 | 2259 | 3614 | 6857 | 1663 | 2137 | 2847 | 4238 |
| | 20 | 2033 | 2867 | 4347 | 7915 | 2005 | 2471 | 3190 | 4638 |
| | 40 | 2379 | 3209 | 4963 | 8682 | 2205 | 2647 | 3464 | 4917 |
| 7 | 5 | 637 | 1157 | 2312 | 4997 | 1005 | 1430 | 2167 | 3478 |
| | 10 | 1082 | 1874 | 3206 | 6331 | 1374 | 1909 | 2645 | 4031 |
| | 20 | 1584 | 2442 | 3899 | 7372 | 1725 | 2240 | 2983 | 4435 |
| | 40 | 1950 | 2790 | 4455 | 8097 | 1955 | 2430 | 3239 | 4705 |
| 8 | 5 | 935 | 1431 | 2743 | 5383 | 1260 | 1623 | 2405 | 3643 |
| | 10 | 1528 | 2298 | 3655 | 6907 | 1688 | 2159 | 2867 | 4257 |
| | 20 | 2074 | 2908 | 4393 | 7968 | 2029 | 2492 | 3211 | 4658 |
| | 40 | 2420 | 3253 | 5015 | 8740 | 2228 | 2669 | 3486 | 4938 |

TABLE 6.024 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5441000 Leaf River at Leaf River

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 1047 | 0 | 0 | 0 | 1348 |
| Q7,10 | 10 | 308 | 371 | 701 | 2258 | 658 | 733 | 1063 | 2136 |
| 1 | 5 | 1019 | 1440 | 2379 | 4121 | 1326 | 1629 | 2205 | 3087 |
| | 10 | 2056 | 2656 | 3818 | 6178 | 2019 | 2358 | 2945 | 3970 |
| | 20 | 3130 | 3869 | 5250 | 8202 | 2607 | 2969 | 3587 | 4743 |
| | 40 | 4187 | 5104 | 6800 | 10003 | 3117 | 3524 | 4216 | 5380 |
| 2 | 5 | 0 | 291 | 418 | 1330 | 0 | 637 | 786 | 1554 |
| | 10 | 337 | 431 | 841 | 2530 | 693 | 800 | 1184 | 2289 |
| | 20 | 448 | 679 | 1469 | 3719 | 819 | 1043 | 1649 | 2898 |
| | 40 | 741 | 1174 | 2261 | 4913 | 1098 | 1442 | 2138 | 3442 |
| 3 | 5 | 4117 | 4117 | 4116 | 4114 | 3085 | 3085 | 3084 | 3084 |
| | 10 | 6171 | 6171 | 6169 | 6167 | 3967 | 3967 | 3966 | 3965 |
| | 20 | 8193 | 8192 | 8190 | 8187 | 4740 | 4740 | 4739 | 4738 |
| | 40 | 9993 | 9992 | 9989 | 9985 | 5376 | 5376 | 5375 | 5373 |
| 4 | 5 | 1929 | 2484 | 3441 | 4120 | 1943 | 2264 | 2762 | 3086 |
| | 10 | 3237 | 3941 | 5263 | 6176 | 2661 | 3003 | 3592 | 3969 |
| | 20 | 4534 | 5442 | 7095 | 8200 | 3275 | 3667 | 4330 | 4743 |
| | 40 | 5982 | 6996 | 8752 | 10001 | 3891 | 4292 | 4942 | 5379 |
| 5 | 5 | 430 | 600 | 1089 | 2855 | 799 | 970 | 1379 | 2464 |
| | 10 | 872 | 1303 | 2175 | 4473 | 1209 | 1535 | 2089 | 3247 |
| | 20 | 1512 | 2135 | 3280 | 6120 | 1678 | 2065 | 2683 | 3946 |
| | 40 | 2310 | 3031 | 4370 | 7691 | 2166 | 2556 | 3201 | 4555 |
| 6 | 5 | 570 | 810 | 1462 | 3341 | 942 | 1157 | 1644 | 2713 |
| | 10 | 1229 | 1709 | 2682 | 5134 | 1482 | 1806 | 2372 | 3537 |
| | 20 | 2025 | 2685 | 3900 | 6939 | 2000 | 2374 | 2984 | 4269 |
| | 40 | 2905 | 3677 | 5143 | 8575 | 2490 | 2877 | 3541 | 4879 |
| 7 | 5 | 477 | 643 | 1174 | 3000 | 849 | 1011 | 1442 | 2540 |
| | 10 | 993 | 1415 | 2324 | 4681 | 1306 | 1612 | 2174 | 3340 |
| | 20 | 1685 | 2303 | 3468 | 6385 | 1791 | 2162 | 2776 | 4052 |
| | 40 | 2507 | 3222 | 4599 | 7963 | 2277 | 2653 | 3304 | 4656 |
| 8 | 5 | 624 | 919 | 1653 | 3551 | 993 | 1247 | 1770 | 2816 |
| | 10 | 1365 | 1894 | 2903 | 5406 | 1578 | 1921 | 2490 | 3652 |
| | 20 | 2228 | 2917 | 4137 | 7268 | 2119 | 2497 | 3094 | 4396 |
| | 40 | 3137 | 3958 | 5478 | 8947 | 2610 | 3011 | 3683 | 5012 |

TABLE 6.025 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5443500 Rock River at Como

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 56136 | 0 | 0 | 0 | 16697 |
| Q7,10 | 10 | 42538 | 63945 | 118093 | 306301 | 13847 | 18244 | 27863 | 54897 |
| 1 | 5 | 107097 | 141515 | 230194 | 327330 | 26028 | 31631 | 44685 | 57606 |
| | 10 | 207780 | 267381 | 378361 | 501568 | 41527 | 49763 | 64015 | 78726 |
| | 20 | 314033 | 384747 | 516601 | 653341 | 55898 | 64802 | 80460 | 95760 |
| | 40 | 402996 | 485173 | 625595 | 781742 | 67035 | 76821 | 92719 | 109488 |
| 2 | 5 | 0 | 0 | 36517 | 112298 | 0 | 0 | 12502 | 26902 |
| | 10 | 0 | 36645 | 70197 | 216885 | 0 | 12531 | 19445 | 42819 |
| | 20 | 39152 | 60006 | 121227 | 324817 | 13098 | 17471 | 28378 | 57284 |
| | 40 | 53531 | 92470 | 177687 | 415561 | 16168 | 23506 | 37150 | 68559 |
| 3 | 5 | 144131 | 197486 | 294200 | 327288 | 32041 | 40049 | 53318 | 57600 |
| | 10 | 270644 | 336519 | 457869 | 501502 | 50200 | 58776 | 73615 | 78718 |
| | 20 | 388548 | 467803 | 604763 | 653253 | 65269 | 74786 | 90415 | 95751 |
| | 40 | 489208 | 573442 | 726238 | 781636 | 77291 | 86918 | 103620 | 109477 |
| 4 | 5 | 0 | 0 | 43843 | 129960 | 0 | 0 | 14130 | 29794 |
| | 10 | 29506 | 43984 | 83226 | 247970 | 10851 | 14161 | 21857 | 47135 |
| | 20 | 49373 | 71138 | 147034 | 361717 | 15308 | 19623 | 32495 | 61948 |
| | 40 | 72600 | 113324 | 209432 | 458594 | 19899 | 27073 | 41763 | 73701 |
| 5 | 5 | 45180 | 65228 | 110773 | 277632 | 14419 | 18493 | 26646 | 51131 |
| | 10 | 85631 | 127239 | 214213 | 437218 | 22291 | 29356 | 42442 | 71161 |
| | 20 | 151811 | 212498 | 321650 | 581829 | 33235 | 42198 | 56878 | 87859 |
| | 40 | 215311 | 285497 | 411871 | 700042 | 42597 | 52173 | 68113 | 100816 |
| 6 | 5 | 68891 | 94158 | 156729 | 327385 | 19197 | 23802 | 33992 | 57613 |
| | 10 | 135386 | 184889 | 287043 | 501657 | 30662 | 38214 | 52377 | 78736 |
| | 20 | 223843 | 289088 | 407671 | 653458 | 43798 | 52647 | 67604 | 95773 |
| | 40 | 298415 | 371515 | 509518 | 781881 | 53870 | 63167 | 79644 | 109503 |
| 7 | 5 | 59211 | 79886 | 134876 | 318954 | 17313 | 21249 | 30581 | 56532 |
| | 10 | 114423 | 158847 | 256660 | 491132 | 27256 | 34316 | 48317 | 77515 |
| | 20 | 194469 | 257208 | 372051 | 641750 | 39612 | 48391 | 63234 | 94493 |
| | 40 | 265023 | 334501 | 470655 | 768500 | 49446 | 58520 | 75121 | 108097 |
| 8 | 5 | 85318 | 119694 | 196917 | 327355 | 22234 | 28126 | 39967 | 57609 |
| | 10 | 169570 | 229874 | 335791 | 501609 | 35939 | 44640 | 58684 | 78730 |
| | 20 | 271115 | 340222 | 466952 | 653394 | 50263 | 59246 | 74686 | 95766 |
| | 40 | 350556 | 433520 | 572537 | 781805 | 60550 | 70719 | 86817 | 109495 |

TABLE 6.026 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5444000 Elkhorn Creek near Penrose

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 2214 | 0 | 0 | 0 | 2111 |
| Q7,10 | 10 | 745 | 1160 | 2301 | 5735 | 1102 | 1432 | 2161 | 3789 |
| 1 | 5 | 3613 | 4612 | 6276 | 8177 | 2846 | 3309 | 4009 | 4735 |
| | 10 | 5753 | 6855 | 9234 | 11790 | 3797 | 4237 | 5113 | 5974 |
| | 20 | 7716 | 9170 | 11805 | 14963 | 4564 | 5091 | 5979 | 6962 |
| | 40 | 9410 | 11098 | 14175 | 17625 | 5175 | 5747 | 6724 | 7741 |
| 2 | 5 | 0 | 710 | 1368 | 3845 | 0 | 1071 | 1580 | 2957 |
| | 10 | 811 | 1325 | 2570 | 6009 | 1158 | 1550 | 2311 | 3902 |
| | 20 | 1273 | 2165 | 3903 | 8051 | 1513 | 2083 | 2985 | 4688 |
| | 40 | 2041 | 3062 | 5010 | 9798 | 2009 | 2572 | 3484 | 5309 |
| 3 | 5 | 4673 | 5661 | 7394 | 8176 | 3337 | 3759 | 4443 | 4734 |
| | 10 | 6922 | 8360 | 10755 | 11788 | 4263 | 4801 | 5634 | 5973 |
| | 20 | 9260 | 10853 | 13673 | 14961 | 5122 | 5666 | 6570 | 6962 |
| | 40 | 11202 | 13055 | 16417 | 17623 | 5782 | 6377 | 7392 | 7740 |
| 4 | 5 | 553 | 875 | 1623 | 4375 | 925 | 1211 | 1751 | 3203 |
| | 10 | 1049 | 1627 | 3067 | 6593 | 1349 | 1753 | 2575 | 4135 |
| | 20 | 1686 | 2704 | 4476 | 8823 | 1791 | 2384 | 3249 | 4968 |
| | 40 | 2550 | 3620 | 5691 | 10695 | 2300 | 2850 | 3771 | 5614 |
| 5 | 5 | 1067 | 1558 | 2693 | 5893 | 1363 | 1708 | 2378 | 3854 |
| | 10 | 1987 | 2936 | 4662 | 8690 | 1978 | 2507 | 3331 | 4920 |
| | 20 | 3236 | 4329 | 6292 | 11213 | 2660 | 3182 | 4015 | 5785 |
| | 40 | 4223 | 5516 | 7777 | 13477 | 3134 | 3698 | 4587 | 6509 |
| 6 | 5 | 1548 | 2168 | 3549 | 6909 | 1702 | 2084 | 2815 | 4258 |
| | 10 | 2929 | 3932 | 5725 | 10101 | 2503 | 2999 | 3785 | 5413 |
| | 20 | 4308 | 5473 | 7623 | 12857 | 3173 | 3680 | 4530 | 6315 |
| | 40 | 5491 | 6799 | 9303 | 15436 | 3688 | 4215 | 5137 | 7104 |
| 7 | 5 | 1180 | 1664 | 2860 | 6120 | 1447 | 1777 | 2467 | 3946 |
| | 10 | 2204 | 3149 | 4896 | 9013 | 2106 | 2616 | 3434 | 5035 |
| | 20 | 3483 | 4568 | 6571 | 11564 | 2783 | 3290 | 4126 | 5900 |
| | 40 | 4515 | 5801 | 8092 | 13891 | 3266 | 3816 | 4703 | 6637 |
| 8 | 5 | 1705 | 2422 | 3882 | 7256 | 1803 | 2229 | 2975 | 4391 |
| | 10 | 3232 | 4284 | 6051 | 10571 | 2658 | 3162 | 3918 | 5572 |
| | 20 | 4660 | 5886 | 8105 | 13444 | 3331 | 3851 | 4708 | 6499 |
| | 40 | 5911 | 7270 | 9861 | 16141 | 3862 | 4396 | 5331 | 7312 |

TABLE 6.027 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5445500 Rock Creek near Morrison

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 1601 | 0 | 0 | 0 | 1737 |
| Q7,10 | 10 | 0 | 0 | 1245 | 4254 | 0 | 0 | 1494 | 3148 |
| 1 | 5 | 742 | 1208 | 2351 | 5818 | 1100 | 1467 | 2190 | 3824 |
| | 10 | 1617 | 2385 | 4125 | 9044 | 1747 | 2209 | 3089 | 5046 |
| | 20 | 2592 | 3844 | 6163 | 11907 | 2323 | 2957 | 3964 | 6012 |
| | 40 | 3751 | 5158 | 8126 | 14214 | 2913 | 3547 | 4716 | 6736 |
| 2 | 5 | 0 | 0 | 466 | 1896 | 0 | 0 | 837 | 1922 |
| | 10 | 0 | 0 | 824 | 3432 | 0 | 0 | 1169 | 2758 |
| | 20 | 0 | 572 | 1416 | 5275 | 0 | 944 | 1613 | 3597 |
| | 40 | 0 | 917 | 2319 | 6974 | 0 | 1246 | 2172 | 4283 |
| 3 | 5 | 1724 | 2475 | 3996 | 8095 | 1816 | 2259 | 3029 | 4704 |
| | 10 | 3178 | 4313 | 6592 | 12209 | 2631 | 3175 | 4134 | 6109 |
| | 20 | 4948 | 6401 | 9268 | 15070 | 3457 | 4059 | 5125 | 6995 |
| | 40 | 6552 | 8357 | 11458 | 17514 | 4119 | 4800 | 5866 | 7709 |
| 4 | 5 | 0 | 0 | 592 | 2563 | 0 | 0 | 963 | 2307 |
| | 10 | 0 | 0 | 1338 | 4447 | 0 | 0 | 1560 | 3235 |
| | 20 | 544 | 800 | 2158 | 6572 | 917 | 1149 | 2078 | 4126 |
| | 40 | 843 | 1524 | 3245 | 8580 | 1185 | 1686 | 2665 | 4881 |
| 5 | 5 | 477 | 637 | 1430 | 4289 | 849 | 1005 | 1622 | 3164 |
| | 10 | 870 | 1449 | 2753 | 7023 | 1207 | 1636 | 2410 | 4302 |
| | 20 | 1481 | 2321 | 4416 | 9793 | 1657 | 2172 | 3221 | 5307 |
| | 40 | 2401 | 3448 | 5832 | 11998 | 2218 | 2766 | 3829 | 6041 |
| 6 | 5 | 547 | 883 | 1818 | 4906 | 919 | 1218 | 1874 | 3439 |
| | 10 | 1155 | 1843 | 3316 | 7892 | 1428 | 1890 | 2700 | 4630 |
| | 20 | 1888 | 2966 | 5126 | 10662 | 1917 | 2522 | 3533 | 5602 |
| | 40 | 2917 | 4171 | 6781 | 12906 | 2497 | 3110 | 4208 | 6330 |
| 7 | 5 | 502 | 725 | 1567 | 4512 | 874 | 1084 | 1714 | 3264 |
| | 10 | 970 | 1589 | 2953 | 7324 | 1288 | 1728 | 2515 | 4417 |
| | 20 | 1625 | 2546 | 4672 | 10094 | 1752 | 2298 | 3336 | 5410 |
| | 40 | 2584 | 3700 | 6162 | 12312 | 2319 | 2888 | 3963 | 6142 |
| 8 | 5 | 595 | 1049 | 2090 | 5365 | 966 | 1349 | 2039 | 3635 |
| | 10 | 1351 | 2120 | 3724 | 8440 | 1568 | 2056 | 2900 | 4830 |
| | 20 | 2176 | 3408 | 5650 | 11286 | 2089 | 2746 | 3754 | 5810 |
| | 40 | 3268 | 4682 | 7459 | 13561 | 2676 | 3340 | 4468 | 6535 |

TABLE 6.028 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5446500 Rock River near Joslin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 48602 | 0 | 0 | 0 | 15146 |
| Q7,10 | 10 | 45491 | 75009 | 141302 | 383081 | 14485 | 20349 | 31598 | 64597 |
| 1 | 5 | 138851 | 187094 | 295258 | 386327 | 31211 | 38537 | 53457 | 64996 |
| | 10 | 272766 | 359754 | 515302 | 619449 | 50483 | 61703 | 80311 | 92041 |
| | 20 | 419864 | 517767 | 698196 | 814301 | 69079 | 80594 | 100618 | 112888 |
| | 40 | 545139 | 657628 | 856450 | 975746 | 83721 | 96228 | 117247 | 129342 |
| 2 | 5 | 0 | 0 | 40035 | 134495 | 0 | 0 | 13295 | 30520 |
| | 10 | 23616 | 40302 | 84560 | 264356 | 9369 | 13354 | 22098 | 49356 |
| | 20 | 39941 | 67828 | 139018 | 409484 | 13274 | 18994 | 31238 | 67824 |
| | 40 | 55398 | 106153 | 214667 | 532970 | 16548 | 25868 | 42506 | 82336 |
| 3 | 5 | 247373 | 330795 | 386384 | 386231 | 47053 | 58048 | 65003 | 64985 |
| | 10 | 459487 | 555773 | 619544 | 619291 | 73806 | 84927 | 92051 | 92023 |
| | 20 | 636323 | 743224 | 814429 | 814086 | 93898 | 105426 | 112902 | 112866 |
| | 40 | 784269 | 909003 | 975899 | 975490 | 109753 | 122616 | 129357 | 129316 |
| 4 | 5 | 0 | 30187 | 61387 | 182965 | 0 | 11016 | 17744 | 37931 |
| | 10 | 40930 | 64888 | 125794 | 352713 | 13493 | 18427 | 29122 | 60821 |
| | 20 | 68928 | 107913 | 209182 | 509754 | 19204 | 26165 | 41727 | 79672 |
| | 40 | 108160 | 169584 | 302046 | 649103 | 26207 | 35941 | 54344 | 95297 |
| 5 | 5 | 62559 | 87742 | 150418 | 376320 | 17974 | 22668 | 33020 | 63763 |
| | 10 | 128139 | 175685 | 295183 | 607981 | 29501 | 36853 | 53447 | 90772 |
| | 20 | 213335 | 295802 | 447552 | 801509 | 42317 | 53528 | 72392 | 111556 |
| | 40 | 306760 | 404446 | 577643 | 960885 | 54957 | 67212 | 87390 | 127853 |
| 6 | 5 | 92578 | 131589 | 213744 | 386382 | 23525 | 30056 | 42375 | 65003 |
| | 10 | 184915 | 260128 | 405401 | 619540 | 38218 | 48786 | 67328 | 92051 |
| | 20 | 310114 | 402572 | 569869 | 814423 | 55391 | 66984 | 86517 | 112901 |
| | 40 | 421127 | 524873 | 713173 | 975893 | 69231 | 81409 | 102224 | 129356 |
| 7 | 5 | 75539 | 106001 | 176367 | 386412 | 20448 | 25842 | 36954 | 65007 |
| | 10 | 152725 | 210599 | 341470 | 619590 | 33376 | 41929 | 59404 | 92056 |
| | 20 | 256097 | 341561 | 496973 | 814491 | 48241 | 59415 | 78193 | 112908 |
| | 40 | 356467 | 453615 | 635514 | 975974 | 61292 | 73112 | 93809 | 129365 |
| 8 | 5 | 112207 | 150183 | 240763 | 386359 | 26886 | 32984 | 46147 | 65000 |
| | 10 | 222407 | 294726 | 448077 | 619502 | 43597 | 53387 | 72455 | 92047 |
| | 20 | 356071 | 446987 | 623225 | 814373 | 61242 | 72325 | 92457 | 112896 |
| | 40 | 470523 | 576979 | 770236 | 975832 | 75106 | 87315 | 108279 | 129350 |

TABLE 6.029 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5447000 Green River at Amboy

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 677 | 1942 | 6225 | 0 | 1042 | 1950 | 3989 |
| Q7,10 | 10 | 742 | 1116 | 2690 | 6576 | 1099 | 1400 | 2376 | 4128 |
| 1 | 5 | 2036 | 2836 | 4564 | 8419 | 2007 | 2454 | 3288 | 4822 |
| | 10 | 3098 | 4200 | 6202 | 10397 | 2590 | 3123 | 3979 | 5513 |
| | 20 | 3903 | 5158 | 7236 | 12302 | 2985 | 3547 | 4383 | 6139 |
| | 40 | 4551 | 5872 | 8195 | 13711 | 3282 | 3846 | 4741 | 6581 |
| 2 | 5 | 627 | 1127 | 2279 | 6225 | 996 | 1408 | 2149 | 3989 |
| | 10 | 975 | 1765 | 3438 | 7366 | 1291 | 1841 | 2761 | 4433 |
| | 20 | 1395 | 2371 | 4287 | 8573 | 1599 | 2201 | 3163 | 4878 |
| | 40 | 1730 | 2839 | 4955 | 9748 | 1819 | 2456 | 3460 | 5292 |
| 3 | 5 | 2594 | 3508 | 5336 | 9274 | 2324 | 2795 | 3623 | 5127 |
| | 10 | 3864 | 5020 | 7020 | 11389 | 2967 | 3488 | 4301 | 5843 |
| | 20 | 4779 | 6042 | 8184 | 13433 | 3383 | 3915 | 4737 | 6495 |
| | 40 | 5473 | 6843 | 9292 | 14930 | 3681 | 4232 | 5133 | 6952 |
| 4 | 5 | 695 | 1342 | 2559 | 6225 | 1058 | 1562 | 2305 | 3989 |
| | 10 | 1124 | 2089 | 3814 | 7803 | 1406 | 2038 | 2943 | 4597 |
| | 20 | 1632 | 2750 | 4724 | 9066 | 1756 | 2409 | 3359 | 5054 |
| | 40 | 2002 | 3272 | 5414 | 10325 | 1986 | 2679 | 3656 | 5489 |
| 5 | 5 | 1233 | 1874 | 3270 | 6930 | 1485 | 1909 | 2678 | 4266 |
| | 10 | 1923 | 2876 | 4744 | 8840 | 1939 | 2475 | 3367 | 4974 |
| | 20 | 2557 | 3653 | 5752 | 10284 | 2304 | 2866 | 3797 | 5475 |
| | 40 | 3050 | 4288 | 6516 | 11691 | 2565 | 3163 | 4104 | 5942 |
| 6 | 5 | 1668 | 2468 | 4065 | 7846 | 1780 | 2255 | 3061 | 4613 |
| | 10 | 2587 | 3689 | 5642 | 9798 | 2321 | 2883 | 3751 | 5309 |
| | 20 | 3337 | 4582 | 6695 | 11525 | 2711 | 3296 | 4175 | 5888 |
| | 40 | 3937 | 5266 | 7530 | 12933 | 3001 | 3593 | 4495 | 6339 |
| 7 | 5 | 1159 | 1775 | 3139 | 6824 | 1431 | 1848 | 2611 | 4225 |
| | 10 | 1812 | 2740 | 4597 | 8685 | 1870 | 2403 | 3303 | 4918 |
| | 20 | 2426 | 3512 | 5599 | 10083 | 2232 | 2797 | 3733 | 5407 |
| | 40 | 2902 | 4128 | 6343 | 11490 | 2489 | 3090 | 4036 | 5876 |
| 8 | 5 | 1574 | 2340 | 3891 | 7647 | 1719 | 2183 | 2979 | 4538 |
| | 10 | 2444 | 3511 | 5447 | 9590 | 2241 | 2797 | 3670 | 5237 |
| | 20 | 3169 | 4382 | 6491 | 11255 | 2627 | 3206 | 4094 | 5799 |
| | 40 | 3742 | 5054 | 7349 | 12663 | 2909 | 3503 | 4426 | 6254 |

TABLE 6.030 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5447500 Green River near Geneseo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 9306 | 34961 | 0 | 0 | 5138 | 12144 |
| Q7,10 | 10 | 5283 | 8907 | 17820 | 41911 | 3600 | 4997 | 7796 | 13709 |
| 1 | 5 | 13046 | 18318 | 28668 | 52998 | 6375 | 7937 | 10646 | 16059 |
| | 10 | 21267 | 28683 | 41163 | 68167 | 8748 | 10649 | 13545 | 19059 |
| | 20 | 29690 | 37681 | 51251 | 82000 | 10895 | 12767 | 15699 | 21635 |
| | 40 | 35347 | 44219 | 59618 | 95422 | 12233 | 14212 | 17394 | 24023 |
| 2 | 5 | 3641 | 5809 | 11668 | 34961 | 2860 | 3820 | 5934 | 12144 |
| | 10 | 6107 | 9650 | 19134 | 43599 | 3941 | 5258 | 8165 | 14078 |
| | 20 | 8953 | 15039 | 27049 | 53902 | 5014 | 6985 | 10245 | 16244 |
| | 40 | 12175 | 19760 | 32575 | 62525 | 6098 | 8338 | 11586 | 17967 |
| 3 | 5 | 19560 | 25840 | 37353 | 62472 | 8283 | 9941 | 12692 | 17957 |
| | 10 | 30531 | 37924 | 50853 | 79174 | 11099 | 12822 | 15616 | 21119 |
| | 20 | 39416 | 47733 | 62087 | 95195 | 13157 | 14963 | 17881 | 23983 |
| | 40 | 46519 | 55766 | 72299 | 117331 | 14705 | 16623 | 19842 | 27737 |
| 4 | 5 | 5033 | 7709 | 14507 | 35256 | 3494 | 4562 | 6825 | 12213 |
| | 10 | 8364 | 12707 | 23316 | 48444 | 4803 | 6268 | 9291 | 15113 |
| | 20 | 12826 | 19283 | 31890 | 59319 | 6305 | 8207 | 11424 | 17335 |
| | 40 | 16984 | 24487 | 37859 | 68869 | 7557 | 9595 | 12807 | 19193 |
| 5 | 5 | 8706 | 12460 | 20957 | 44306 | 4926 | 6189 | 8665 | 14231 |
| | 10 | 14309 | 20361 | 32504 | 57992 | 6765 | 8503 | 11570 | 17070 |
| | 20 | 21157 | 28630 | 41561 | 70309 | 8719 | 10636 | 13632 | 19466 |
| | 40 | 26487 | 34213 | 48979 | 82463 | 10104 | 11971 | 15225 | 21719 |
| 6 | 5 | 11713 | 16541 | 26327 | 50393 | 5949 | 7429 | 10064 | 15520 |
| | 10 | 19208 | 26174 | 38481 | 65081 | 8186 | 10025 | 12947 | 18465 |
| | 20 | 27139 | 34969 | 48337 | 78457 | 10267 | 12146 | 15090 | 20987 |
| | 40 | 32669 | 41106 | 56427 | 91528 | 11609 | 13532 | 16756 | 23340 |
| 7 | 5 | 8955 | 12693 | 21279 | 44771 | 5015 | 6263 | 8751 | 14331 |
| | 10 | 14704 | 20742 | 32960 | 58470 | 6884 | 8606 | 11677 | 17166 |
| | 20 | 21638 | 29096 | 42057 | 70861 | 8848 | 10750 | 13741 | 19571 |
| | 40 | 26983 | 34695 | 49548 | 83143 | 10228 | 12083 | 15344 | 21842 |
| 8 | 5 | 11925 | 16840 | 26719 | 50828 | 6018 | 7515 | 10162 | 15611 |
| | 10 | 19485 | 26594 | 38929 | 65596 | 8263 | 10131 | 13048 | 18564 |
| | 20 | 27561 | 35423 | 48824 | 79048 | 10372 | 12251 | 15192 | 21096 |
| | 40 | 33105 | 41626 | 56960 | 92178 | 11711 | 13647 | 16863 | 23454 |

TABLE 6.031 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5448000 Mill Creek at Milan

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 443 | 1145 | 2330 | 4991 | 813 | 1421 | 2178 | 3476 |
| Q7,10 | 10 | 443 | 1145 | 2330 | 4991 | 813 | 1421 | 2178 | 3476 |
| 1 | 5 | 1138 | 1639 | 2559 | 4991 | 1416 | 1761 | 2305 | 3476 |
| | 10 | 1630 | 2230 | 3287 | 5455 | 1755 | 2121 | 2686 | 3673 |
| | 20 | 1965 | 2647 | 3806 | 6395 | 1964 | 2353 | 2939 | 4056 |
| | 40 | 2193 | 2970 | 4297 | 9070 | 2099 | 2524 | 3168 | 5055 |
| 2 | 5 | 715 | 1145 | 2330 | 4991 | 1076 | 1421 | 2178 | 3476 |
| | 10 | 887 | 1493 | 2492 | 4991 | 1221 | 1665 | 2268 | 3476 |
| | 20 | 1116 | 1809 | 2942 | 5337 | 1399 | 1869 | 2510 | 3623 |
| | 40 | 1325 | 2043 | 3306 | 7087 | 1550 | 2011 | 2696 | 4326 |
| 3 | 5 | 1979 | 2558 | 3456 | 5466 | 1972 | 2304 | 2770 | 3678 |
| | 10 | 2630 | 3286 | 4338 | 6513 | 2344 | 2685 | 3186 | 4103 |
| | 20 | 3099 | 3804 | 5026 | 8441 | 2591 | 2938 | 3490 | 4831 |
| | 40 | 3450 | 4296 | 6361 | 12294 | 2767 | 3167 | 4043 | 6136 |
| 4 | 5 | 1005 | 1423 | 2330 | 4991 | 1315 | 1618 | 2178 | 3476 |
| | 10 | 1396 | 1986 | 3022 | 5175 | 1600 | 1977 | 2551 | 3555 |
| | 20 | 1699 | 2370 | 3507 | 6032 | 1799 | 2200 | 2795 | 3911 |
| | 40 | 1928 | 2655 | 3954 | 8317 | 1942 | 2357 | 3009 | 4786 |
| 5 | 5 | 654 | 1145 | 2330 | 4991 | 1020 | 1421 | 2178 | 3476 |
| | 10 | 772 | 1390 | 2387 | 4991 | 1125 | 1595 | 2210 | 3476 |
| | 20 | 986 | 1691 | 2824 | 5213 | 1300 | 1795 | 2448 | 3571 |
| | 40 | 1192 | 1921 | 3171 | 6810 | 1456 | 1937 | 2628 | 4219 |
| 6 | 5 | 871 | 1207 | 2330 | 4991 | 1208 | 1467 | 2178 | 3476 |
| | 10 | 1161 | 1748 | 2754 | 4991 | 1433 | 1831 | 2410 | 3476 |
| | 20 | 1425 | 2089 | 3239 | 5651 | 1619 | 2038 | 2662 | 3755 |
| | 40 | 1644 | 2335 | 3610 | 7558 | 1764 | 2181 | 2845 | 4505 |
| 7 | 5 | 681 | 1145 | 2330 | 4991 | 1045 | 1421 | 2178 | 3476 |
| | 10 | 822 | 1434 | 2432 | 4991 | 1167 | 1626 | 2235 | 3476 |
| | 20 | 1042 | 1742 | 2875 | 5266 | 1344 | 1827 | 2475 | 3593 |
| | 40 | 1249 | 1973 | 3229 | 6928 | 1497 | 1969 | 2657 | 4265 |
| 8 | 5 | 897 | 1249 | 2330 | 4991 | 1229 | 1497 | 2178 | 3476 |
| | 10 | 1207 | 1796 | 2804 | 4991 | 1466 | 1860 | 2437 | 3476 |
| | 20 | 1477 | 2142 | 3296 | 5723 | 1654 | 2069 | 2690 | 3784 |
| | 40 | 1698 | 2396 | 3674 | 7701 | 1799 | 2215 | 2876 | 4559 |

TABLE 6.032 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5466000 Edwards River near Orion

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 687 | 2014 | 4650 | 10579 | 1051 | 1994 | 3326 | 5575 |
| Q7,10 | 10 | 904 | 2014 | 4650 | 10579 | 1235 | 1994 | 3326 | 5575 |
| 1 | 5 | 2667 | 3872 | 6190 | 10731 | 2364 | 2970 | 3975 | 5626 |
| | 10 | 3689 | 5128 | 7638 | 12877 | 2883 | 3535 | 4535 | 6321 |
| | 20 | 4450 | 6031 | 8675 | 14786 | 3237 | 3910 | 4915 | 6909 |
| | 40 | 5062 | 6815 | 9799 | 16566 | 3506 | 4221 | 5309 | 7436 |
| 2 | 5 | 1314 | 2188 | 4650 | 10579 | 1543 | 2096 | 3326 | 5575 |
| | 10 | 1860 | 3081 | 5431 | 10579 | 1900 | 2582 | 3663 | 5575 |
| | 20 | 2334 | 3757 | 6365 | 12105 | 2180 | 2916 | 4044 | 6076 |
| | 40 | 2782 | 4335 | 7179 | 13562 | 2426 | 3185 | 4362 | 6535 |
| 3 | 5 | 4680 | 6135 | 8333 | 13272 | 3340 | 3952 | 4791 | 6445 |
| | 10 | 6049 | 7580 | 10135 | 15721 | 3918 | 4513 | 5424 | 7188 |
| | 20 | 7039 | 8613 | 11638 | 17728 | 4308 | 4892 | 5925 | 7770 |
| | 40 | 7930 | 9728 | 13053 | 21511 | 4644 | 5285 | 6377 | 8814 |
| 4 | 5 | 2030 | 3111 | 5249 | 10579 | 2003 | 2597 | 3586 | 5575 |
| | 10 | 2858 | 4225 | 6662 | 11845 | 2466 | 3135 | 4162 | 5992 |
| | 20 | 3498 | 5006 | 7701 | 13609 | 2791 | 3482 | 4559 | 6550 |
| | 40 | 4050 | 5699 | 8599 | 15243 | 3054 | 3775 | 4888 | 7046 |
| 5 | 5 | 1413 | 2272 | 4650 | 10579 | 1611 | 2145 | 3326 | 5575 |
| | 10 | 2001 | 3209 | 5584 | 10704 | 1986 | 2647 | 3727 | 5617 |
| | 20 | 2498 | 3906 | 6534 | 12307 | 2272 | 2986 | 4111 | 6140 |
| | 40 | 2959 | 4499 | 7364 | 13782 | 2519 | 3259 | 4432 | 6603 |
| 6 | 5 | 2050 | 3128 | 5284 | 10579 | 2015 | 2606 | 3601 | 5575 |
| | 10 | 2886 | 4259 | 6697 | 11882 | 2480 | 3150 | 4176 | 6004 |
| | 20 | 3530 | 5044 | 7739 | 13652 | 2806 | 3498 | 4573 | 6563 |
| | 40 | 4086 | 5740 | 8643 | 15291 | 3070 | 3791 | 4903 | 7061 |
| 7 | 5 | 1548 | 2417 | 4650 | 10579 | 1702 | 2226 | 3326 | 5575 |
| | 10 | 2187 | 3388 | 5800 | 10940 | 2096 | 2736 | 3816 | 5695 |
| | 20 | 2719 | 4122 | 6771 | 12581 | 2392 | 3087 | 4204 | 6228 |
| | 40 | 3197 | 4735 | 7626 | 14085 | 2640 | 3364 | 4531 | 6696 |
| 8 | 5 | 2163 | 3293 | 5483 | 10579 | 2082 | 2689 | 3685 | 5575 |
| | 10 | 3046 | 4457 | 6904 | 12100 | 2564 | 3240 | 4256 | 6074 |
| | 20 | 3717 | 5261 | 7962 | 13900 | 2896 | 3591 | 4655 | 6639 |
| | 40 | 4290 | 5976 | 8896 | 15570 | 3165 | 3888 | 4994 | 7144 |

TABLE 6.033 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5466500 Edwards River near New Boston

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 3074 | 8980 | 24119 | 0 | 2578 | 5024 | 9500 |
| Q7,10 | 10 | 1613 | 3912 | 8980 | 24119 | 1744 | 2989 | 5024 | 9500 |
| 1 | 5 | 5758 | 8115 | 12865 | 24559 | 3799 | 4712 | 6318 | 9614 |
| | 10 | 8384 | 11627 | 17914 | 32036 | 4810 | 5921 | 7823 | 11459 |
| | 20 | 10622 | 14344 | 21433 | 37454 | 5589 | 6775 | 8793 | 12715 |
| | 40 | 12339 | 16518 | 24670 | 42301 | 6151 | 7422 | 9642 | 13795 |
| 2 | 5 | 2392 | 3999 | 8980 | 24119 | 2213 | 3030 | 5024 | 9500 |
| | 10 | 3634 | 5986 | 11415 | 24119 | 2857 | 3892 | 5852 | 9500 |
| | 20 | 4807 | 7838 | 14111 | 28990 | 3395 | 4610 | 6704 | 10725 |
| | 40 | 5815 | 9220 | 16241 | 32838 | 3822 | 5108 | 7341 | 11648 |
| 3 | 5 | 10585 | 13639 | 19786 | 31911 | 5577 | 6559 | 8346 | 11429 |
| | 10 | 14906 | 18701 | 25187 | 40621 | 6945 | 8045 | 9775 | 13425 |
| | 20 | 18052 | 22212 | 30249 | 46617 | 7862 | 9001 | 11031 | 14726 |
| | 40 | 20914 | 25698 | 34242 | 56285 | 8653 | 9905 | 11977 | 16727 |
| 4 | 5 | 3842 | 6245 | 10620 | 24119 | 2956 | 3997 | 5589 | 9500 |
| | 10 | 5772 | 9045 | 14953 | 28385 | 3805 | 5047 | 6959 | 10576 |
| | 20 | 7585 | 11431 | 18104 | 33578 | 4515 | 5857 | 7877 | 11822 |
| | 40 | 8973 | 13237 | 20976 | 37953 | 5021 | 6434 | 8670 | 12828 |
| 5 | 5 | 3218 | 5277 | 9438 | 24119 | 2651 | 3598 | 5184 | 9500 |
| | 10 | 4840 | 7721 | 13367 | 26435 | 3410 | 4566 | 6475 | 10091 |
| | 20 | 6368 | 9848 | 16348 | 31546 | 4046 | 5326 | 7372 | 11342 |
| | 40 | 7594 | 11480 | 18890 | 35688 | 4519 | 5873 | 8097 | 12312 |
| 6 | 5 | 4656 | 7008 | 11548 | 24119 | 3329 | 4296 | 5895 | 9500 |
| | 10 | 6873 | 10103 | 16197 | 29925 | 4244 | 5414 | 7328 | 10952 |
| | 20 | 8857 | 12665 | 19474 | 35187 | 4980 | 6254 | 8260 | 12196 |
| | 40 | 10384 | 14535 | 22617 | 39745 | 5509 | 6833 | 9108 | 13230 |
| 7 | 5 | 3307 | 5415 | 9603 | 24119 | 2696 | 3656 | 5242 | 9500 |
| | 10 | 4971 | 7912 | 13589 | 26707 | 3467 | 4637 | 6544 | 10159 |
| | 20 | 6540 | 10070 | 16594 | 31830 | 4114 | 5402 | 7444 | 11410 |
| | 40 | 7789 | 11727 | 19182 | 36004 | 4591 | 5954 | 8179 | 12385 |
| 8 | 5 | 4720 | 7067 | 11620 | 24119 | 3357 | 4319 | 5919 | 9500 |
| | 10 | 6960 | 10185 | 16293 | 30045 | 4278 | 5442 | 7356 | 10981 |
| | 20 | 8959 | 12761 | 19581 | 35312 | 5016 | 6285 | 8289 | 12225 |
| | 40 | 10496 | 14641 | 22532 | 39884 | 5547 | 6865 | 9085 | 13261 |

TABLE 6.034 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5467000 Pope Creek near Keithsburg

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 1438 | 3815 | 9866 | 0 | 1628 | 2943 | 5332 |
| Q7,10 | 10 | 571 | 1438 | 3815 | 9866 | 942 | 1628 | 2943 | 5332 |
| 1 | 5 | 1846 | 2895 | 4899 | 9866 | 1892 | 2485 | 3436 | 5332 |
| | 10 | 2851 | 4170 | 6651 | 12060 | 2462 | 3109 | 4157 | 6061 |
| | 20 | 3692 | 5316 | 8008 | 14157 | 2885 | 3614 | 4673 | 6718 |
| | 40 | 4289 | 6082 | 9096 | 16095 | 3164 | 3931 | 5064 | 7298 |
| 2 | 5 | 933 | 1461 | 3815 | 9866 | 1258 | 1644 | 2943 | 5332 |
| | 10 | 1237 | 2303 | 4441 | 9866 | 1488 | 2162 | 3233 | 5332 |
| | 20 | 1822 | 3035 | 5652 | 11358 | 1877 | 2558 | 3755 | 5833 |
| | 40 | 2148 | 3538 | 6454 | 12905 | 2073 | 2810 | 4080 | 6330 |
| 3 | 5 | 4404 | 5649 | 7937 | 13060 | 3216 | 3754 | 4646 | 6379 |
| | 10 | 6038 | 7605 | 10284 | 16095 | 3913 | 4523 | 5475 | 7298 |
| | 20 | 7376 | 8951 | 12109 | 18527 | 4437 | 5013 | 6077 | 7996 |
| | 40 | 8441 | 10261 | 13750 | 23006 | 4830 | 5467 | 6593 | 9210 |
| 4 | 5 | 1528 | 2566 | 4495 | 9866 | 1689 | 2309 | 3257 | 5332 |
| | 10 | 2432 | 3748 | 6151 | 11524 | 2235 | 2911 | 3959 | 5888 |
| | 20 | 3190 | 4821 | 7493 | 13538 | 2637 | 3401 | 4481 | 6528 |
| | 40 | 3718 | 5504 | 8577 | 15388 | 2897 | 3694 | 4880 | 7089 |
| 5 | 5 | 1138 | 1747 | 3815 | 9866 | 1416 | 1830 | 2943 | 5332 |
| | 10 | 1647 | 2726 | 4963 | 10236 | 1766 | 2396 | 3464 | 5459 |
| | 20 | 2286 | 3536 | 6244 | 12053 | 2153 | 2809 | 3996 | 6059 |
| | 40 | 2676 | 4118 | 7124 | 13685 | 2369 | 3085 | 4340 | 6573 |
| 6 | 5 | 1480 | 2465 | 4374 | 9866 | 1656 | 2254 | 3202 | 5332 |
| | 10 | 2341 | 3621 | 6001 | 11364 | 2184 | 2850 | 3898 | 5835 |
| | 20 | 3079 | 4663 | 7338 | 13353 | 2580 | 3332 | 4422 | 6470 |
| | 40 | 3588 | 5330 | 8397 | 15176 | 2834 | 3620 | 4814 | 7026 |
| 7 | 5 | 1208 | 1897 | 3815 | 9866 | 1467 | 1923 | 2943 | 5332 |
| | 10 | 1793 | 2914 | 5155 | 10466 | 1858 | 2495 | 3546 | 5537 |
| | 20 | 2452 | 3770 | 6468 | 12318 | 2246 | 2922 | 4085 | 6144 |
| | 40 | 2868 | 4374 | 7384 | 13990 | 2471 | 3203 | 4440 | 6667 |
| 8 | 5 | 1528 | 2566 | 4495 | 9866 | 1689 | 2309 | 3257 | 5332 |
| | 10 | 2432 | 3748 | 6151 | 11524 | 2235 | 2911 | 3959 | 5888 |
| | 20 | 3190 | 4821 | 7493 | 13538 | 2637 | 3401 | 4481 | 6528 |
| | 40 | 3718 | 5504 | 8577 | 15388 | 2897 | 3694 | 4880 | 7089 |

TABLE 6.035 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5467500 Henderson Creek near Little York

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 629 | 1757 | 4323 | 9969 | 997 | 1836 | 3179 | 5368 |
| Q7,10 | 10 | 629 | 1757 | 4323 | 9969 | 997 | 1836 | 3179 | 5368 |
| 1 | 5 | 1068 | 1925 | 4323 | 9969 | 1363 | 1940 | 3179 | 5368 |
| | 10 | 1527 | 2620 | 4730 | 9969 | 1687 | 2339 | 3362 | 5368 |
| | 20 | 1926 | 3236 | 5696 | 11070 | 1941 | 2660 | 3773 | 5738 |
| | 40 | 2227 | 3756 | 6476 | 12617 | 2119 | 2915 | 4088 | 6239 |
| 2 | 5 | 646 | 1757 | 4323 | 9969 | 1014 | 1836 | 3179 | 5368 |
| | 10 | 921 | 1937 | 4323 | 9969 | 1249 | 1947 | 3179 | 5368 |
| | 20 | 1213 | 2419 | 4713 | 10041 | 1470 | 2228 | 3354 | 5393 |
| | 40 | 1391 | 2800 | 5406 | 11308 | 1596 | 2435 | 3652 | 5817 |
| 3 | 5 | 2898 | 3969 | 6067 | 10579 | 2487 | 3016 | 3925 | 5575 |
| | 10 | 3852 | 5155 | 7532 | 12821 | 2961 | 3546 | 4495 | 6304 |
| | 20 | 4654 | 6187 | 8893 | 14807 | 3328 | 3973 | 4993 | 6916 |
| | 40 | 5342 | 7011 | 9861 | 17377 | 3625 | 4297 | 5331 | 7670 |
| 4 | 5 | 1389 | 2208 | 4323 | 9969 | 1595 | 2108 | 3179 | 5368 |
| | 10 | 1932 | 2983 | 5198 | 10146 | 1944 | 2531 | 3564 | 5428 |
| | 20 | 2413 | 3682 | 6237 | 11643 | 2225 | 2880 | 3993 | 5926 |
| | 40 | 2794 | 4280 | 7066 | 13344 | 2432 | 3160 | 4318 | 6468 |
| 5 | 5 | 629 | 1757 | 4323 | 9969 | 997 | 1836 | 3179 | 5368 |
| | 10 | 834 | 1811 | 4323 | 9969 | 1178 | 1870 | 3179 | 5368 |
| | 20 | 1111 | 2267 | 4537 | 9969 | 1396 | 2142 | 3276 | 5368 |
| | 40 | 1272 | 2625 | 5215 | 11076 | 1513 | 2341 | 3571 | 5740 |
| 6 | 5 | 772 | 1757 | 4323 | 9969 | 1125 | 1836 | 3179 | 5368 |
| | 10 | 1147 | 2258 | 4323 | 9969 | 1422 | 2137 | 3179 | 5368 |
| | 20 | 1475 | 2814 | 5176 | 10524 | 1653 | 2443 | 3555 | 5556 |
| | 40 | 1700 | 3248 | 5910 | 11923 | 1800 | 2666 | 3861 | 6017 |
| 7 | 5 | 707 | 1757 | 4323 | 9969 | 1068 | 1836 | 3179 | 5368 |
| | 10 | 1031 | 2093 | 4323 | 9969 | 1335 | 2041 | 3179 | 5368 |
| | 20 | 1337 | 2610 | 4934 | 10271 | 1559 | 2333 | 3451 | 5471 |
| | 40 | 1540 | 3020 | 5646 | 11600 | 1696 | 2550 | 3753 | 5912 |
| 8 | 5 | 1039 | 1901 | 4323 | 9969 | 1342 | 1925 | 3179 | 5368 |
| | 10 | 1492 | 2589 | 4691 | 9969 | 1664 | 2322 | 3344 | 5368 |
| | 20 | 1884 | 3198 | 5650 | 11022 | 1915 | 2641 | 3754 | 5722 |
| | 40 | 2178 | 3712 | 6426 | 12556 | 2091 | 2894 | 4069 | 6220 |

TABLE 6.036 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5468500 Cedar Creek at Little York

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 551 | 1553 | 5826 | 0 | 923 | 1705 | 3827 |
| Q7,10 | 10 | 989 | 1697 | 2987 | 6974 | 1303 | 1798 | 2533 | 4283 |
| 1 | 5 | 1635 | 2252 | 3492 | 7217 | 1759 | 2133 | 2787 | 4376 |
| | 10 | 2435 | 3246 | 5258 | 9704 | 2236 | 2666 | 3590 | 5277 |
| | 20 | 3250 | 4427 | 6769 | 11731 | 2667 | 3226 | 4204 | 5955 |
| | 40 | 4172 | 5566 | 8027 | 13544 | 3110 | 3719 | 4679 | 6530 |
| 2 | 5 | 652 | 989 | 1801 | 5826 | 1019 | 1303 | 1864 | 3827 |
| | 10 | 796 | 1412 | 2652 | 6484 | 1146 | 1610 | 2356 | 4092 |
| | 20 | 1089 | 1877 | 3574 | 8072 | 1379 | 1911 | 2828 | 4696 |
| | 40 | 1407 | 2441 | 4522 | 9494 | 1607 | 2240 | 3269 | 5204 |
| 3 | 5 | 2920 | 3696 | 5593 | 9729 | 2498 | 2886 | 3731 | 5285 |
| | 10 | 4310 | 5563 | 7717 | 12485 | 3173 | 3718 | 4565 | 6197 |
| | 20 | 5695 | 7047 | 9522 | 14581 | 3773 | 4311 | 5214 | 6847 |
| | 40 | 6947 | 8398 | 11050 | 16734 | 4273 | 4815 | 5732 | 7485 |
| 4 | 5 | 972 | 1343 | 2387 | 5826 | 1290 | 1563 | 2210 | 3827 |
| | 10 | 1380 | 2050 | 3434 | 7678 | 1588 | 2015 | 2759 | 4550 |
| | 20 | 1837 | 2691 | 4686 | 9479 | 1886 | 2377 | 3342 | 5199 |
| | 40 | 2388 | 3508 | 5869 | 11001 | 2210 | 2795 | 3845 | 5716 |
| 5 | 5 | 1024 | 1434 | 2497 | 5826 | 1330 | 1625 | 2271 | 3827 |
| | 10 | 1475 | 2169 | 3615 | 7872 | 1653 | 2085 | 2848 | 4622 |
| | 20 | 1952 | 2856 | 4888 | 9695 | 1956 | 2464 | 3431 | 5273 |
| | 40 | 2548 | 3713 | 6085 | 11244 | 2299 | 2894 | 3932 | 5796 |
| 6 | 5 | 1266 | 1862 | 3009 | 6527 | 1509 | 1902 | 2544 | 4109 |
| | 10 | 1925 | 2733 | 4456 | 8815 | 1940 | 2399 | 3240 | 4965 |
| | 20 | 2521 | 3694 | 5861 | 10742 | 2284 | 2886 | 3841 | 5629 |
| | 40 | 3289 | 4662 | 7125 | 12425 | 2687 | 3331 | 4341 | 6178 |
| 7 | 5 | 1014 | 1417 | 2475 | 5826 | 1322 | 1613 | 2259 | 3827 |
| | 10 | 1459 | 2146 | 3580 | 7835 | 1642 | 2072 | 2831 | 4608 |
| | 20 | 1934 | 2822 | 4849 | 9653 | 1945 | 2447 | 3414 | 5259 |
| | 40 | 2517 | 3673 | 6043 | 11197 | 2282 | 2875 | 3915 | 5780 |
| 8 | 5 | 1253 | 1838 | 2980 | 6482 | 1499 | 1887 | 2529 | 4091 |
| | 10 | 1900 | 2701 | 4408 | 8762 | 1925 | 2382 | 3218 | 4946 |
| | 20 | 2489 | 3648 | 5806 | 10683 | 2267 | 2863 | 3819 | 5609 |
| | 40 | 3247 | 4607 | 7066 | 12358 | 2666 | 3307 | 4318 | 6157 |

TABLE 6.037 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5469000 Henderson Creek near Oquawka

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 3530 | 9581 | 24896 | 0 | 2806 | 5234 | 9700 |
| Q7,10 | 10 | 2213 | 4576 | 9596 | 24896 | 2111 | 3293 | 5239 | 9700 |
| 1 | 5 | 3880 | 6159 | 10833 | 24896 | 2974 | 3962 | 5660 | 9700 |
| | 10 | 5557 | 8824 | 14802 | 28741 | 3716 | 4968 | 6914 | 10664 |
| | 20 | 7199 | 11047 | 18065 | 33363 | 4369 | 5731 | 7866 | 11772 |
| | 40 | 8744 | 13026 | 20690 | 37725 | 4939 | 6368 | 8592 | 12777 |
| 2 | 5 | 2039 | 3588 | 9581 | 24896 | 2009 | 2834 | 5234 | 9700 |
| | 10 | 2789 | 5111 | 10467 | 24896 | 2429 | 3527 | 5537 | 9700 |
| | 20 | 3579 | 6620 | 12932 | 27547 | 2830 | 4145 | 6339 | 10369 |
| | 40 | 4366 | 8033 | 15013 | 31059 | 3199 | 4682 | 6977 | 11226 |
| 3 | 5 | 8496 | 11761 | 17432 | 30379 | 4850 | 5965 | 7686 | 11062 |
| | 10 | 12205 | 15868 | 22672 | 37504 | 6108 | 7231 | 9122 | 12727 |
| | 20 | 14860 | 19345 | 26752 | 43641 | 6931 | 8224 | 10170 | 14087 |
| | 40 | 17202 | 22087 | 30188 | 48586 | 7620 | 8967 | 11016 | 15142 |
| 4 | 5 | 3564 | 5612 | 10113 | 24896 | 2823 | 3739 | 5417 | 9700 |
| | 10 | 5076 | 8049 | 13979 | 27779 | 3512 | 4688 | 6664 | 10427 |
| | 20 | 6575 | 10123 | 17076 | 32269 | 4128 | 5420 | 7583 | 11514 |
| | 40 | 7978 | 12020 | 19612 | 36441 | 4661 | 6048 | 8298 | 12485 |
| 5 | 5 | 2857 | 4374 | 9581 | 24896 | 2465 | 3203 | 5234 | 9700 |
| | 10 | 4016 | 6274 | 12260 | 25703 | 3038 | 4008 | 6126 | 9906 |
| | 20 | 5178 | 8120 | 14926 | 29910 | 3556 | 4713 | 6951 | 10949 |
| | 40 | 6300 | 9810 | 17274 | 33667 | 4018 | 5313 | 7640 | 11843 |
| 6 | 5 | 3691 | 5844 | 10410 | 24896 | 2884 | 3834 | 5518 | 9700 |
| | 10 | 5275 | 8382 | 14319 | 28175 | 3597 | 4809 | 6768 | 10524 |
| | 20 | 6833 | 10504 | 17483 | 32719 | 4228 | 5550 | 7700 | 11620 |
| | 40 | 8294 | 12435 | 20056 | 36970 | 4777 | 6181 | 8420 | 12605 |
| 7 | 5 | 3237 | 5040 | 9581 | 24896 | 2661 | 3496 | 5234 | 9700 |
| | 10 | 4595 | 7232 | 13149 | 26814 | 3302 | 4382 | 6407 | 10186 |
| | 20 | 5943 | 9183 | 16079 | 31171 | 3875 | 5095 | 7294 | 11252 |
| | 40 | 7199 | 10999 | 18527 | 35151 | 4369 | 5715 | 7996 | 12188 |
| 8 | 5 | 4098 | 6541 | 11325 | 24896 | 3076 | 4114 | 5822 | 9700 |
| | 10 | 5885 | 9372 | 15366 | 29401 | 3851 | 5161 | 7083 | 10825 |
| | 20 | 7624 | 11676 | 18741 | 34115 | 4530 | 5937 | 8056 | 11948 |
| | 40 | 9232 | 13638 | 21428 | 38606 | 5112 | 6559 | 8791 | 12975 |

TABLE 6.038 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5495500 Bear Creek near Marcelline

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| Q7,10 | 10 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| 1 | 5 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 10 | 11966 | 15289 | 22298 | 47508 | 6031 | 7060 | 9023 | 14915 |
| | 20 | 12727 | 16319 | 22809 | 47508 | 6274 | 7364 | 9158 | 14915 |
| | 40 | 13199 | 17287 | 25538 | 51501 | 6422 | 7644 | 9864 | 15750 |
| 2 | 5 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 10 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 20 | 11778 | 15548 | 22298 | 47508 | 5970 | 7137 | 9023 | 14915 |
| | 40 | 12334 | 16373 | 23730 | 49523 | 6149 | 7380 | 9399 | 15339 |
| 3 | 5 | 13806 | 16061 | 22298 | 47508 | 6611 | 7288 | 9023 | 14915 |
| | 10 | 15653 | 19140 | 24585 | 47508 | 7168 | 8167 | 9620 | 14915 |
| | 20 | 16886 | 20651 | 27199 | 49156 | 7529 | 8582 | 10282 | 15262 |
| | 40 | 17914 | 22080 | 33936 | 61209 | 7823 | 8965 | 11906 | 17709 |
| 4 | 5 | 11911 | 15289 | 22298 | 47508 | 6013 | 7060 | 9023 | 14915 |
| | 10 | 12876 | 16225 | 22298 | 47508 | 6321 | 7336 | 9023 | 14915 |
| | 20 | 13910 | 17634 | 23928 | 47508 | 6643 | 7743 | 9451 | 14915 |
| | 40 | 14549 | 18739 | 28076 | 54326 | 6838 | 8055 | 10500 | 16330 |
| 5 | 5 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 10 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 20 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 40 | 11880 | 15878 | 22941 | 48602 | 6003 | 7235 | 9193 | 15146 |
| 6 | 5 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 10 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 20 | 11807 | 15575 | 22298 | 47508 | 5980 | 7145 | 9023 | 14915 |
| | 40 | 12363 | 16405 | 23784 | 49584 | 6158 | 7389 | 9413 | 15352 |
| 7 | 5 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 10 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 20 | 11447 | 15289 | 22298 | 47508 | 5862 | 7060 | 9023 | 14915 |
| | 40 | 12000 | 16008 | 23149 | 48844 | 6042 | 7273 | 9247 | 15197 |
| 8 | 5 | 11329 | 15289 | 22298 | 47508 | 5824 | 7060 | 9023 | 14915 |
| | 10 | 11450 | 15289 | 22298 | 47508 | 5863 | 7060 | 9023 | 14915 |
| | 20 | 11996 | 15757 | 22298 | 47508 | 6041 | 7199 | 9023 | 14915 |
| | 40 | 12554 | 16470 | 24140 | 49975 | 6219 | 7408 | 9506 | 15433 |

TABLE 6.039 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5510500 Hadley Creek at Kinderhook

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| Q7,10 | 10 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| 1 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 7804 | 8820 | 10526 | 17881 | 4597 | 4967 | 5557 | 7813 |
| | 20 | 8253 | 9039 | 10919 | 17881 | 4762 | 5044 | 5688 | 7813 |
| | 40 | 8578 | 9699 | 12782 | 21596 | 4880 | 5275 | 6291 | 8836 |
| 2 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 20 | 7671 | 8743 | 10526 | 17881 | 4547 | 4939 | 5557 | 7813 |
| | 40 | 8029 | 8974 | 11686 | 19636 | 4680 | 5021 | 5940 | 8304 |
| 3 | 5 | 8758 | 9522 | 11021 | 17881 | 4945 | 5214 | 5722 | 7813 |
| | 10 | 9599 | 10528 | 11671 | 17881 | 5241 | 5558 | 5935 | 7813 |
| | 20 | 10117 | 11319 | 13092 | 19014 | 5418 | 5820 | 6389 | 8132 |
| | 40 | 11310 | 13629 | 17949 | 29189 | 5818 | 6556 | 7833 | 10773 |
| 4 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 8317 | 9099 | 10664 | 17881 | 4786 | 5065 | 5603 | 7813 |
| | 20 | 8748 | 9523 | 11490 | 17881 | 4941 | 5214 | 5877 | 7813 |
| | 40 | 8980 | 10338 | 14073 | 23577 | 5023 | 5493 | 6693 | 9359 |
| 5 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 20 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 40 | 7751 | 8709 | 10780 | 18322 | 4577 | 4927 | 5642 | 7938 |
| 6 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 20 | 7638 | 8590 | 10526 | 17881 | 4535 | 4884 | 5557 | 7813 |
| | 40 | 7857 | 8993 | 11289 | 19108 | 4617 | 5028 | 5811 | 8158 |
| 7 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 20 | 7676 | 8623 | 10526 | 17881 | 4549 | 4896 | 5557 | 7813 |
| | 40 | 7894 | 9034 | 11373 | 19223 | 4631 | 5043 | 5838 | 8190 |
| 8 | 5 | 7610 | 8547 | 10526 | 17881 | 4525 | 4869 | 5557 | 7813 |
| | 10 | 7610 | 8582 | 10526 | 17881 | 4525 | 4882 | 5557 | 7813 |
| | 20 | 7983 | 9006 | 10624 | 17881 | 4663 | 5033 | 5590 | 7813 |
| | 40 | 8319 | 9356 | 12117 | 20656 | 4786 | 5156 | 6080 | 8583 |

TABLE 6.040 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5512500 Bay Creek at Pittsfield

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| Q7,10 | 10 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| 1 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4184 | 4753 | 5903 | 10382 | 3116 | 3372 | 3858 | 5508 |
| | 20 | 4360 | 4875 | 5963 | 10382 | 3196 | 3425 | 3883 | 5508 |
| | 40 | 4502 | 5164 | 6821 | 11503 | 3260 | 3550 | 4224 | 5881 |
| 2 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 20 | 4129 | 4782 | 5903 | 10382 | 3091 | 3384 | 3858 | 5508 |
| | 40 | 4284 | 4889 | 6412 | 10956 | 3162 | 3431 | 4063 | 5700 |
| 3 | 5 | 4595 | 5036 | 5978 | 10382 | 3302 | 3495 | 3889 | 5508 |
| | 10 | 5104 | 5683 | 6425 | 10382 | 3524 | 3768 | 4068 | 5508 |
| | 20 | 5334 | 6012 | 7012 | 10629 | 3622 | 3903 | 4298 | 5591 |
| | 40 | 5719 | 6926 | 9399 | 14657 | 3783 | 4264 | 5171 | 6870 |
| 4 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4463 | 4982 | 5942 | 10382 | 3243 | 3471 | 3874 | 5508 |
| | 20 | 4700 | 5214 | 6321 | 10382 | 3348 | 3571 | 4027 | 5508 |
| | 40 | 4892 | 5578 | 7681 | 12397 | 3432 | 3724 | 4551 | 6169 |
| 5 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 20 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 40 | 4178 | 4874 | 6171 | 10702 | 3113 | 3425 | 3967 | 5616 |
| 6 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 20 | 4171 | 4751 | 5903 | 10382 | 3110 | 3371 | 3858 | 5508 |
| | 40 | 4249 | 4959 | 6331 | 10871 | 3146 | 3461 | 4031 | 5672 |
| 7 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 20 | 4143 | 4727 | 5903 | 10382 | 3097 | 3360 | 3858 | 5508 |
| | 40 | 4223 | 4927 | 6271 | 10808 | 3134 | 3448 | 4007 | 5651 |
| 8 | 5 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 10 | 4129 | 4714 | 5903 | 10382 | 3091 | 3354 | 3858 | 5508 |
| | 20 | 4158 | 4806 | 5903 | 10382 | 3104 | 3395 | 3858 | 5508 |
| | 40 | 4310 | 4922 | 6480 | 11019 | 3173 | 3446 | 4090 | 5722 |

TABLE 6.041 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5513000 Bay Creek at Nebo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| Q7,10 | 10 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| 1 | 5 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 10 | 15327 | 16963 | 22490 | 39474 | 7071 | 7551 | 9074 | 13170 |
| | 20 | 16069 | 17807 | 22490 | 39474 | 7291 | 7792 | 9074 | 13170 |
| | 40 | 17253 | 20697 | 28224 | 46992 | 7634 | 8594 | 10536 | 14806 |
| 2 | 5 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 10 | 14541 | 16519 | 22490 | 39474 | 6835 | 7422 | 9074 | 13170 |
| | 20 | 15119 | 16907 | 22490 | 39474 | 7009 | 7535 | 9074 | 13170 |
| | 40 | 15675 | 18157 | 24938 | 43270 | 7175 | 7892 | 9711 | 14006 |
| 3 | 5 | 17471 | 18972 | 22490 | 39474 | 7697 | 8120 | 9074 | 13170 |
| | 10 | 18984 | 20741 | 23503 | 39474 | 8124 | 8606 | 9340 | 13170 |
| | 20 | 21001 | 23402 | 27571 | 42046 | 8677 | 9314 | 10375 | 13739 |
| | 40 | 26652 | 32374 | 41221 | 67792 | 10145 | 11539 | 13558 | 18987 |
| 4 | 5 | 15030 | 16574 | 22490 | 39474 | 6982 | 7438 | 9074 | 13170 |
| | 10 | 16262 | 17874 | 22490 | 39474 | 7347 | 7812 | 9074 | 13170 |
| | 20 | 17311 | 19006 | 23032 | 39474 | 7651 | 8130 | 9217 | 13170 |
| | 40 | 18976 | 23218 | 31457 | 51312 | 8121 | 9266 | 11321 | 15711 |
| 5 | 5 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 10 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 20 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 40 | 15147 | 17226 | 23695 | 40931 | 7018 | 7627 | 9390 | 13493 |
| 6 | 5 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 10 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 20 | 14942 | 16671 | 22490 | 39474 | 6956 | 7466 | 9074 | 13170 |
| | 40 | 15479 | 18111 | 24381 | 42626 | 7116 | 7878 | 9568 | 13866 |
| 7 | 5 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 10 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 20 | 14728 | 16519 | 22490 | 39474 | 6892 | 7422 | 9074 | 13170 |
| | 40 | 15239 | 17675 | 24443 | 41854 | 7045 | 7755 | 9584 | 13697 |
| 8 | 5 | 14505 | 16519 | 22490 | 39474 | 6824 | 7422 | 9074 | 13170 |
| | 10 | 14860 | 16519 | 22490 | 39474 | 6931 | 7422 | 9074 | 13170 |
| | 20 | 15196 | 17335 | 22490 | 39474 | 7032 | 7658 | 9074 | 13170 |
| | 40 | 16109 | 19025 | 25971 | 44449 | 7302 | 8135 | 9974 | 14262 |

TABLE 6.042 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5520000 Singleton Ditch at Illinoi

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 1823 | 7771 | 0 | 0 | 1878 | 4585 |
| Q7,10 | 10 | 1003 | 1844 | 3924 | 9977 | 1313 | 1890 | 2995 | 5371 |
| 1 | 5 | 3566 | 5029 | 7726 | 14070 | 2824 | 3492 | 4568 | 6692 |
| | 10 | 5763 | 7613 | 10905 | 18857 | 3801 | 4526 | 5683 | 8088 |
| | 20 | 7598 | 9592 | 13635 | 22287 | 4520 | 5238 | 6558 | 9020 |
| | 40 | 8988 | 11404 | 15567 | 24918 | 5026 | 5848 | 7143 | 9706 |
| 2 | 5 | 982 | 1350 | 2758 | 7877 | 1298 | 1568 | 2413 | 4624 |
| | 10 | 1482 | 2269 | 4738 | 11094 | 1658 | 2143 | 3365 | 5746 |
| | 20 | 2175 | 3337 | 6452 | 13870 | 2088 | 2711 | 4079 | 6630 |
| | 40 | 2808 | 4350 | 7590 | 15799 | 2439 | 3192 | 4517 | 7211 |
| 3 | 5 | 5370 | 7018 | 9866 | 16861 | 3637 | 4300 | 5333 | 7521 |
| | 10 | 8040 | 10014 | 13700 | 21908 | 4684 | 5383 | 6578 | 8920 |
| | 20 | 9986 | 12532 | 16758 | 25698 | 5374 | 6212 | 7492 | 9905 |
| | 40 | 11971 | 14479 | 18926 | 28055 | 6032 | 6816 | 8107 | 10495 |
| 4 | 5 | 1213 | 1858 | 3628 | 8988 | 1471 | 1899 | 2854 | 5026 |
| | 10 | 1974 | 3156 | 5840 | 12497 | 1969 | 2620 | 3833 | 6201 |
| | 20 | 2906 | 4471 | 7681 | 15436 | 2491 | 3246 | 4551 | 7104 |
| | 40 | 3757 | 5524 | 9092 | 17483 | 2916 | 3702 | 5063 | 7700 |
| 5 | 5 | 2105 | 3044 | 5534 | 11292 | 2048 | 2563 | 3706 | 5811 |
| | 10 | 3597 | 5120 | 8243 | 15488 | 2839 | 3531 | 4759 | 7119 |
| | 20 | 5000 | 6910 | 10239 | 18712 | 3479 | 4258 | 5460 | 8048 |
| | 40 | 6091 | 8126 | 12219 | 21055 | 3935 | 4716 | 6112 | 8691 |
| 6 | 5 | 2949 | 4454 | 7070 | 13231 | 2513 | 3239 | 4320 | 6432 |
| | 10 | 4994 | 6866 | 10079 | 17841 | 3477 | 4241 | 5406 | 7802 |
| | 20 | 6775 | 8786 | 12613 | 21206 | 4206 | 4954 | 6238 | 8732 |
| | 40 | 7957 | 10393 | 14558 | 23751 | 4654 | 5512 | 6840 | 9405 |
| 7 | 5 | 2613 | 3952 | 6517 | 12529 | 2335 | 3008 | 4105 | 6211 |
| | 10 | 4485 | 6239 | 9466 | 16990 | 3252 | 3994 | 5194 | 7559 |
| | 20 | 6129 | 8110 | 11756 | 20304 | 3950 | 4710 | 5963 | 8487 |
| | 40 | 7256 | 9629 | 13714 | 22776 | 4391 | 5251 | 6582 | 9150 |
| 8 | 5 | 4142 | 5625 | 8386 | 14907 | 3096 | 3744 | 4811 | 6945 |
| | 10 | 6474 | 8356 | 11737 | 19807 | 4088 | 4800 | 5957 | 8351 |
| | 20 | 8362 | 10379 | 14601 | 23328 | 4802 | 5507 | 6853 | 9294 |
| | 40 | 9946 | 12357 | 16572 | 26060 | 5360 | 6157 | 7438 | 9996 |

TABLE 6.043 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5520500 Kankakee River at Momence

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | 15782 | 0 | 0 | 0 | 7206 |
| Q7,10 | 10 | 13667 | 20075 | 37110 | 93864 | 6568 | 8425 | 12637 | 23751 |
| 1 | 5 | 35487 | 48808 | 74843 | 111265 | 12266 | 15189 | 20318 | 26729 |
| | 10 | 59427 | 77943 | 112447 | 159749 | 17356 | 20892 | 26927 | 34453 |
| | 20 | 82424 | 104521 | 143610 | 197001 | 21712 | 25590 | 31960 | 39979 |
| | 40 | 100469 | 123445 | 167207 | 223679 | 24897 | 28740 | 35584 | 43775 |
| 2 | 5 | 0 | 0 | 12797 | 40061 | 0 | 0 | 6296 | 13301 |
| | 10 | 0 | 11942 | 22221 | 65744 | 0 | 6023 | 9003 | 18593 |
| | 20 | 11017 | 16815 | 32885 | 89968 | 5721 | 7508 | 11660 | 23064 |
| | 40 | 14595 | 21729 | 41434 | 107683 | 6851 | 8872 | 13604 | 26126 |
| 3 | 5 | 56406 | 72808 | 102676 | 111244 | 16752 | 19938 | 25276 | 26725 |
| | 10 | 88681 | 109719 | 148928 | 159718 | 22836 | 26469 | 32789 | 34449 |
| | 20 | 116056 | 140550 | 184767 | 196962 | 27526 | 31479 | 38196 | 39973 |
| | 40 | 136976 | 163850 | 210828 | 223634 | 30914 | 35076 | 41961 | 43759 |
| 4 | 5 | 0 | 0 | 16603 | 50117 | 0 | 0 | 7447 | 15463 |
| | 10 | 10961 | 14909 | 29039 | 79780 | 5702 | 6946 | 10737 | 21230 |
| | 20 | 15010 | 22334 | 42470 | 105825 | 6977 | 9033 | 13832 | 25812 |
| | 40 | 19670 | 28136 | 53753 | 125820 | 8314 | 10515 | 16213 | 29126 |
| 5 | 5 | 21946 | 29758 | 51126 | 108461 | 8930 | 10912 | 15673 | 26258 |
| | 10 | 38045 | 51310 | 81196 | 156216 | 12849 | 15711 | 21488 | 33913 |
| | 20 | 54391 | 72141 | 107516 | 193007 | 16343 | 19812 | 26098 | 39400 |
| | 40 | 68218 | 89175 | 127652 | 219486 | 19068 | 22923 | 29422 | 43186 |
| 6 | 5 | 29125 | 41267 | 65553 | 111273 | 10758 | 13568 | 18556 | 26730 |
| | 10 | 50234 | 67418 | 100882 | 159761 | 15488 | 18915 | 24968 | 34455 |
| | 20 | 70690 | 91966 | 129675 | 197015 | 19538 | 23417 | 29749 | 39981 |
| | 40 | 87468 | 109842 | 151916 | 223695 | 22619 | 26490 | 33252 | 43777 |
| 7 | 5 | 29657 | 42189 | 66686 | 111272 | 10887 | 13770 | 18774 | 26730 |
| | 10 | 51139 | 68701 | 102395 | 159760 | 15675 | 19160 | 25228 | 34455 |
| | 20 | 71910 | 93497 | 131369 | 197013 | 19769 | 23686 | 30021 | 39981 |
| | 40 | 88903 | 111498 | 153775 | 223693 | 22875 | 26768 | 33538 | 43777 |
| 8 | 5 | 46821 | 61498 | 90241 | 111254 | 14769 | 17765 | 23113 | 26727 |
| | 10 | 75161 | 95468 | 132205 | 159732 | 20377 | 24031 | 30154 | 34451 |
| | 20 | 101205 | 123622 | 165872 | 196979 | 25023 | 28769 | 35382 | 39976 |
| | 40 | 119847 | 145275 | 190971 | 223654 | 28152 | 32220 | 39104 | 43771 |

TABLE 6.044 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5525000 Iroquois River at Iroquois

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 6343 | 15667 | 40393 | 0 | 4036 | 7172 | 13374 |
| Q7,10 | 10 | 3624 | 7172 | 15667 | 40393 | 2852 | 4359 | 7172 | 13374 |
| 1 | 5 | 7852 | 12188 | 20535 | 40393 | 4615 | 6102 | 8550 | 13374 |
| | 10 | 10926 | 16469 | 26720 | 50024 | 5690 | 7408 | 10162 | 15444 |
| | 20 | 13310 | 19676 | 31242 | 56968 | 6457 | 8315 | 11269 | 16865 |
| | 40 | 14934 | 22078 | 34286 | 61436 | 6954 | 8965 | 11988 | 17753 |
| 2 | 5 | 3950 | 7094 | 15667 | 40393 | 3007 | 4329 | 7172 | 13374 |
| | 10 | 5591 | 9878 | 18806 | 40984 | 3730 | 5337 | 8074 | 13505 |
| | 20 | 6656 | 12015 | 22350 | 46725 | 4159 | 6047 | 9037 | 14749 |
| | 40 | 7922 | 13541 | 25092 | 51048 | 4641 | 6529 | 9750 | 15657 |
| 3 | 5 | 11261 | 15640 | 24905 | 45015 | 5801 | 7164 | 9702 | 14383 |
| | 10 | 15282 | 20961 | 31676 | 55714 | 7058 | 8666 | 11373 | 16612 |
| | 20 | 18323 | 24826 | 37215 | 63693 | 7938 | 9682 | 12661 | 18195 |
| | 40 | 20554 | 27883 | 40246 | 67921 | 8556 | 10452 | 13342 | 19011 |
| 4 | 5 | 5241 | 8254 | 15683 | 40393 | 3583 | 4763 | 7177 | 13374 |
| | 10 | 7343 | 11483 | 21016 | 43797 | 4424 | 5874 | 8681 | 14120 |
| | 20 | 8852 | 13997 | 24889 | 49619 | 4978 | 6669 | 9698 | 15359 |
| | 40 | 10171 | 15614 | 27954 | 54335 | 5437 | 7157 | 10470 | 16332 |
| 5 | 5 | 4775 | 7828 | 15667 | 40393 | 3381 | 4606 | 7172 | 13374 |
| | 10 | 6698 | 10892 | 20200 | 42757 | 4176 | 5679 | 8459 | 13894 |
| | 20 | 8047 | 13268 | 23951 | 48547 | 4687 | 6444 | 9457 | 15134 |
| | 40 | 9364 | 14889 | 26896 | 53119 | 5158 | 6940 | 10207 | 16083 |
| 6 | 5 | 6167 | 9602 | 17355 | 40393 | 3965 | 5241 | 7663 | 13374 |
| | 10 | 8612 | 13227 | 22978 | 45936 | 4892 | 6431 | 9203 | 14581 |
| | 20 | 10411 | 15916 | 27149 | 52136 | 5518 | 7246 | 10270 | 15882 |
| | 40 | 11827 | 17844 | 29975 | 56776 | 5986 | 7803 | 10964 | 16826 |
| 7 | 5 | 5837 | 9124 | 16745 | 40393 | 3831 | 5074 | 7488 | 13374 |
| | 10 | 8161 | 12591 | 22263 | 45159 | 4728 | 6231 | 9014 | 14414 |
| | 20 | 9847 | 15193 | 26326 | 51218 | 5326 | 7031 | 10063 | 15692 |
| | 40 | 11228 | 17030 | 29393 | 55891 | 5790 | 7570 | 10823 | 16648 |
| 8 | 5 | 8229 | 12765 | 21251 | 40829 | 4754 | 6286 | 8744 | 13471 |
| | 10 | 11448 | 17208 | 27565 | 50951 | 5863 | 7621 | 10373 | 15637 |
| | 20 | 13954 | 20520 | 32218 | 58064 | 6656 | 8546 | 11502 | 17084 |
| | 40 | 15568 | 23030 | 35260 | 62493 | 7143 | 9216 | 12213 | 17961 |

TABLE 6.045 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5525500 Sugar Creek at Milford

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1982 | 5474 | 12264 | 28437 | 1974 | 3681 | 6127 | 10589 |
| Q7,10 | 10 | 2311 | 5474 | 12264 | 28437 | 2167 | 3681 | 6127 | 10589 |
| 1 | 5 | 4293 | 6769 | 12562 | 28437 | 3166 | 4204 | 6222 | 10589 |
| | 10 | 5809 | 9290 | 15671 | 30207 | 3820 | 5133 | 7173 | 11020 |
| | 20 | 6959 | 10620 | 18102 | 33984 | 4277 | 5588 | 7876 | 11917 |
| | 40 | 7931 | 11925 | 19619 | 36978 | 4644 | 6018 | 8300 | 12607 |
| 2 | 5 | 2478 | 5474 | 12264 | 28437 | 2260 | 3681 | 6127 | 10589 |
| | 10 | 3145 | 6568 | 12668 | 28437 | 2614 | 4125 | 6255 | 10589 |
| | 20 | 4186 | 7738 | 14565 | 30087 | 3117 | 4573 | 6842 | 10991 |
| | 40 | 4796 | 8793 | 16053 | 32730 | 3390 | 4957 | 7286 | 11623 |
| 3 | 5 | 6665 | 10090 | 15947 | 28862 | 4163 | 5409 | 7255 | 10693 |
| | 10 | 9181 | 12979 | 19625 | 34625 | 5094 | 6353 | 8301 | 12066 |
| | 20 | 10464 | 14931 | 22458 | 39019 | 5536 | 6953 | 9066 | 13068 |
| | 40 | 11757 | 16437 | 24451 | 42394 | 5963 | 7398 | 9586 | 13815 |
| 4 | 5 | 3478 | 6008 | 12264 | 28437 | 2781 | 3901 | 6127 | 10589 |
| | 10 | 4630 | 8256 | 14494 | 28795 | 3317 | 4763 | 6821 | 10677 |
| | 20 | 5785 | 9477 | 16716 | 32451 | 3810 | 5198 | 7479 | 11557 |
| | 40 | 6622 | 10688 | 18309 | 35307 | 4146 | 5611 | 7934 | 12224 |
| 5 | 5 | 2674 | 5474 | 12264 | 28437 | 2367 | 3681 | 6127 | 10589 |
| | 10 | 3470 | 7138 | 13278 | 28437 | 2777 | 4346 | 6447 | 10589 |
| | 20 | 4592 | 8331 | 15284 | 30874 | 3301 | 4791 | 7058 | 11181 |
| | 40 | 5312 | 9440 | 16806 | 33589 | 3613 | 5185 | 7505 | 11825 |
| 6 | 5 | 3460 | 5992 | 12264 | 28437 | 2772 | 3895 | 6127 | 10589 |
| | 10 | 4605 | 8233 | 14469 | 28765 | 3306 | 4755 | 6813 | 10669 |
| | 20 | 5759 | 9453 | 16686 | 32418 | 3799 | 5190 | 7471 | 11549 |
| | 40 | 6594 | 10661 | 18277 | 35272 | 4135 | 5602 | 7926 | 12216 |
| 7 | 5 | 3070 | 5651 | 12264 | 28437 | 2576 | 3755 | 6127 | 10589 |
| | 10 | 4049 | 7733 | 13923 | 28437 | 3054 | 4571 | 6647 | 10589 |
| | 20 | 5197 | 8960 | 16044 | 31710 | 3564 | 5016 | 7283 | 11381 |
| | 40 | 5991 | 10085 | 17603 | 34500 | 3894 | 5408 | 7734 | 12037 |
| 8 | 5 | 4347 | 6820 | 12635 | 28437 | 3190 | 4223 | 6245 | 10589 |
| | 10 | 5873 | 9363 | 15750 | 30302 | 3846 | 5158 | 7197 | 11044 |
| | 20 | 7038 | 10697 | 18196 | 34088 | 4308 | 5614 | 7903 | 11942 |
| | 40 | 8019 | 12009 | 19718 | 37091 | 4676 | 6045 | 8327 | 12633 |

TABLE 6.046 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5526000 Iroquois River near Chebanse

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 9293 | 22573 | 54745 | 132975 | 5134 | 9096 | 16416 | 30278 |
| Q7,10 | 10 | 11025 | 23106 | 54745 | 132975 | 5724 | 9236 | 16416 | 30278 |
| 1 | 5 | 20933 | 33005 | 60639 | 132975 | 8658 | 11688 | 17596 | 30278 |
| | 10 | 29004 | 44066 | 75574 | 148079 | 10728 | 14179 | 20454 | 32657 |
| | 20 | 34347 | 51537 | 87316 | 165769 | 12002 | 15758 | 22592 | 35367 |
| | 40 | 37499 | 56720 | 95676 | 178611 | 12726 | 16815 | 24067 | 37288 |
| 2 | 5 | 10870 | 22573 | 54745 | 132975 | 5672 | 9096 | 16416 | 30278 |
| | 10 | 15949 | 30929 | 59091 | 132975 | 7256 | 11194 | 17289 | 30278 |
| | 20 | 19272 | 36544 | 68779 | 144858 | 8204 | 12508 | 19175 | 32155 |
| | 40 | 21031 | 39935 | 75802 | 155920 | 8685 | 13273 | 20496 | 33868 |
| 3 | 5 | 28781 | 44299 | 71897 | 135278 | 10674 | 14229 | 19766 | 30645 |
| | 10 | 38963 | 56831 | 89145 | 163278 | 13056 | 16837 | 22918 | 34990 |
| | 20 | 45655 | 66215 | 102618 | 183106 | 14521 | 18684 | 25266 | 37952 |
| | 40 | 50143 | 72957 | 111643 | 195869 | 15468 | 19965 | 26792 | 39815 |
| 4 | 5 | 14239 | 26420 | 54745 | 132975 | 6743 | 10087 | 16416 | 30278 |
| | 10 | 20603 | 35909 | 65401 | 135879 | 8569 | 12363 | 18527 | 30740 |
| | 20 | 24775 | 42299 | 75874 | 152868 | 9669 | 13794 | 20510 | 33399 |
| | 40 | 26933 | 46172 | 83758 | 164694 | 10216 | 14631 | 21953 | 35204 |
| 5 | 5 | 13169 | 25486 | 54745 | 132975 | 6413 | 9851 | 16416 | 30278 |
| | 10 | 19324 | 34736 | 63906 | 134052 | 8218 | 12092 | 18237 | 30449 |
| | 20 | 23279 | 40942 | 74192 | 150965 | 9282 | 13496 | 20197 | 33105 |
| | 40 | 25290 | 44840 | 81871 | 162610 | 9801 | 14346 | 21611 | 34888 |
| 6 | 5 | 17160 | 28987 | 55581 | 132975 | 7608 | 10724 | 16585 | 30278 |
| | 10 | 24269 | 39221 | 69640 | 141073 | 9539 | 13113 | 19339 | 31562 |
| | 20 | 28868 | 45955 | 80645 | 158283 | 10695 | 14585 | 21388 | 34230 |
| | 40 | 31451 | 50479 | 89114 | 170623 | 11319 | 15538 | 22913 | 36097 |
| 7 | 5 | 18282 | 30014 | 57035 | 132975 | 7927 | 10974 | 16878 | 30278 |
| | 10 | 25679 | 40509 | 71296 | 143108 | 9900 | 13400 | 19653 | 31881 |
| | 20 | 30476 | 47452 | 82511 | 160405 | 11085 | 14903 | 21727 | 34553 |
| | 40 | 33224 | 52158 | 90508 | 172947 | 11739 | 15886 | 23160 | 36445 |
| 8 | 5 | 25480 | 39581 | 67059 | 132975 | 9849 | 13194 | 18846 | 30278 |
| | 10 | 34728 | 51289 | 83682 | 156724 | 12090 | 15707 | 21939 | 33991 |
| | 20 | 40933 | 59915 | 95745 | 175630 | 13494 | 17453 | 24079 | 36845 |
| | 40 | 44831 | 65994 | 104772 | 188428 | 14344 | 18641 | 25633 | 38732 |

TABLE 6.047 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5526500 Terry Creek near Custer Park

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 98 | 190 | 325 | 806 | 342 | 498 | 679 | 1154 |
| Q7,10 | 10 | 103 | 190 | 325 | 806 | 352 | 498 | 679 | 1154 |
| 1 | 5 | 280 | 360 | 486 | 806 | 623 | 720 | 858 | 1154 |
| | 10 | 320 | 397 | 521 | 863 | 673 | 763 | 894 | 1202 |
| | 20 | 339 | 416 | 620 | 1122 | 696 | 783 | 989 | 1404 |
| | 40 | 372 | 508 | 755 | 1660 | 735 | 880 | 1110 | 1775 |
| 2 | 5 | 185 | 244 | 373 | 806 | 491 | 576 | 735 | 1154 |
| | 10 | 205 | 282 | 409 | 806 | 520 | 626 | 776 | 1154 |
| | 20 | 220 | 300 | 428 | 883 | 542 | 648 | 797 | 1218 |
| | 40 | 232 | 312 | 529 | 1184 | 559 | 663 | 901 | 1450 |
| 3 | 5 | 465 | 539 | 655 | 893 | 836 | 911 | 1022 | 1226 |
| | 10 | 501 | 578 | 740 | 1178 | 873 | 949 | 1098 | 1445 |
| | 20 | 588 | 722 | 970 | 1730 | 959 | 1081 | 1288 | 1819 |
| | 40 | 711 | 890 | 1351 | 2371 | 1072 | 1224 | 1568 | 2201 |
| 4 | 5 | 256 | 335 | 463 | 806 | 592 | 692 | 834 | 1154 |
| | 10 | 296 | 373 | 499 | 823 | 643 | 736 | 871 | 1169 |
| | 20 | 315 | 392 | 584 | 1073 | 667 | 757 | 955 | 1367 |
| | 40 | 329 | 467 | 707 | 1560 | 684 | 838 | 1068 | 1709 |
| 5 | 5 | 208 | 272 | 403 | 806 | 525 | 612 | 769 | 1154 |
| | 10 | 235 | 311 | 438 | 806 | 563 | 662 | 808 | 1154 |
| | 20 | 252 | 330 | 472 | 942 | 586 | 685 | 843 | 1266 |
| | 40 | 264 | 356 | 585 | 1295 | 602 | 716 | 956 | 1529 |
| 6 | 5 | 277 | 357 | 483 | 806 | 619 | 717 | 855 | 1154 |
| | 10 | 317 | 394 | 519 | 858 | 669 | 759 | 891 | 1198 |
| | 20 | 336 | 413 | 615 | 1116 | 692 | 780 | 985 | 1400 |
| | 40 | 367 | 503 | 749 | 1648 | 729 | 876 | 1105 | 1767 |
| 7 | 5 | 265 | 345 | 472 | 806 | 604 | 703 | 843 | 1154 |
| | 10 | 305 | 382 | 507 | 838 | 654 | 746 | 880 | 1181 |
| | 20 | 324 | 401 | 600 | 1091 | 678 | 767 | 971 | 1381 |
| | 40 | 345 | 483 | 725 | 1598 | 703 | 855 | 1084 | 1734 |
| 8 | 5 | 369 | 445 | 563 | 806 | 731 | 815 | 935 | 1154 |
| | 10 | 406 | 481 | 614 | 1009 | 772 | 853 | 984 | 1318 |
| | 20 | 425 | 551 | 780 | 1367 | 793 | 923 | 1132 | 1579 |
| | 40 | 523 | 669 | 1004 | 2020 | 895 | 1034 | 1314 | 1997 |

TABLE 6.049 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5527500 Kankakee River near Wilmington

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 24361 | 122363 | 0 | 0 | 9562 | 28564 |
| Q7,10 | 10 | 25585 | 38847 | 81652 | 217413 | 9876 | 13029 | 21571 | 42894 |
| 1 | 5 | 56799 | 79620 | 132428 | 271990 | 16831 | 21200 | 30190 | 50380 |
| | 10 | 95500 | 129758 | 204465 | 380260 | 24037 | 29762 | 41053 | 64249 |
| | 20 | 133702 | 177439 | 259327 | 453502 | 30394 | 37114 | 48678 | 73098 |
| | 40 | 161312 | 210779 | 304334 | 503294 | 34691 | 41954 | 54642 | 78925 |
| 2 | 5 | 0 | 19623 | 40163 | 130053 | 0 | 8301 | 13323 | 29809 |
| | 10 | 23631 | 30754 | 70568 | 201585 | 9373 | 11152 | 19515 | 40640 |
| | 20 | 32431 | 49706 | 102229 | 255911 | 11552 | 15377 | 25199 | 48216 |
| | 40 | 41190 | 63540 | 125309 | 300851 | 13551 | 18165 | 29043 | 54188 |
| 3 | 5 | 80560 | 112128 | 173630 | 323163 | 21372 | 26873 | 36547 | 57072 |
| | 10 | 131078 | 175828 | 253085 | 439920 | 29974 | 36874 | 47832 | 71484 |
| | 20 | 178900 | 226854 | 319111 | 516706 | 37330 | 44219 | 56552 | 80472 |
| | 40 | 212457 | 267891 | 365360 | 570119 | 42193 | 49831 | 62402 | 86545 |
| 4 | 5 | 0 | 26297 | 52152 | 151024 | 0 | 10056 | 15885 | 33114 |
| | 10 | 26770 | 43598 | 88468 | 225317 | 10175 | 14077 | 22798 | 44004 |
| | 20 | 40986 | 66597 | 124699 | 286196 | 13506 | 18757 | 28944 | 52266 |
| | 40 | 52421 | 83135 | 151175 | 331750 | 15940 | 21841 | 33137 | 58170 |
| 5 | 5 | 36546 | 57071 | 101234 | 227812 | 12509 | 16885 | 25029 | 44353 |
| | 10 | 63930 | 95912 | 160309 | 324005 | 18241 | 24108 | 34539 | 57180 |
| | 20 | 93554 | 134230 | 211364 | 395687 | 23696 | 30478 | 42037 | 66144 |
| | 40 | 115527 | 161908 | 247943 | 443753 | 27439 | 34782 | 47131 | 71941 |
| 6 | 5 | 51789 | 73561 | 124437 | 261531 | 15810 | 20079 | 28902 | 48976 |
| | 10 | 87921 | 120955 | 194078 | 367489 | 22700 | 28333 | 39556 | 62667 |
| | 20 | 124000 | 167075 | 247305 | 440189 | 28830 | 35564 | 47044 | 71516 |
| | 40 | 150387 | 198963 | 291401 | 489411 | 33015 | 40262 | 52951 | 77314 |
| 7 | 5 | 51699 | 73384 | 124185 | 261171 | 15791 | 20046 | 28861 | 48927 |
| | 10 | 87638 | 120684 | 193718 | 367023 | 22650 | 28289 | 39503 | 62609 |
| | 20 | 123639 | 166725 | 246901 | 439712 | 28772 | 35511 | 46989 | 71459 |
| | 40 | 149981 | 198568 | 290937 | 488921 | 32952 | 40205 | 52890 | 77257 |
| 8 | 5 | 74886 | 106255 | 166142 | 313789 | 20326 | 25885 | 35423 | 55867 |
| | 10 | 122994 | 167454 | 243869 | 428988 | 28667 | 35621 | 46574 | 70176 |
| | 20 | 169701 | 219329 | 308182 | 505116 | 35959 | 43164 | 55141 | 79136 |
| | 40 | 201929 | 257121 | 354197 | 557862 | 40689 | 48380 | 61007 | 85163 |

TABLE 6.050 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5529000 Des Plaines River near Des Plaines

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 6704 | 13987 | 34194 | | 4178 | 6666 | 11966 |
| Q7,10 | 10 | | 6704 | 13987 | 34194 | | 4178 | 6666 | 11966 |
| 1 | 5 | | 9613 | 14664 | 34194 | | 5245 | 6872 | 11966 |
| | 10 | | 9781 | 17983 | 34194 | | 5303 | 7842 | 11966 |
| | 20 | | 12918 | 18807 | 34194 | | 6334 | 8074 | 11966 |
| | 40 | | 14632 | 23821 | 43577 | | 6863 | 9423 | 14073 |
| 2 | 5 | | 6790 | 13987 | 34194 | | 4212 | 6666 | 11966 |
| | 10 | | 7101 | 13987 | 34194 | | 4332 | 6666 | 11966 |
| | 20 | | 9547 | 15339 | 34194 | | 5222 | 7075 | 11966 |
| | 40 | | 10335 | 18367 | 38104 | | 5492 | 7951 | 12862 |
| 3 | 5 | | 11902 | 17317 | 34194 | | 6010 | 7653 | 11966 |
| | 10 | | 13728 | 21027 | 34359 | | 6587 | 8684 | 12005 |
| | 20 | | 15527 | 21555 | 35162 | | 7131 | 8825 | 12191 |
| | 40 | | 18651 | 28551 | 46777 | | 8031 | 10617 | 14760 |
| 4 | 5 | | 7865 | 13987 | 34194 | | 4620 | 6666 | 11966 |
| | 10 | | 7769 | 15274 | 34194 | | 4584 | 7056 | 11966 |
| | 20 | | 10850 | 16690 | 34194 | | 5665 | 7472 | 11966 |
| | 40 | | 11767 | 20414 | 40251 | | 5966 | 8517 | 13343 |
| 5 | 5 | | 6704 | 13987 | 34194 | | 4178 | 6666 | 11966 |
| | 10 | | 6704 | 13987 | 34194 | | 4178 | 6666 | 11966 |
| | 20 | | 8730 | 14620 | 34194 | | 4934 | 6859 | 11966 |
| | 40 | | 9464 | 17090 | 36772 | | 5193 | 7588 | 12560 |
| 6 | 5 | | 7296 | 13987 | 34194 | | 4406 | 6666 | 11966 |
| | 10 | | 7421 | 14341 | 34194 | | 4453 | 6774 | 11966 |
| | 20 | | 10143 | 15956 | 34194 | | 5427 | 7257 | 11966 |
| | 40 | | 10987 | 19302 | 39083 | | 5711 | 8212 | 13082 |
| 7 | 5 | | 6704 | 13987 | 34194 | | 4178 | 6666 | 11966 |
| | 10 | | 6918 | 13987 | 34194 | | 4262 | 6666 | 11966 |
| | 20 | | 9206 | 15108 | 34194 | | 5103 | 7006 | 11966 |
| | 40 | | 9962 | 17833 | 37546 | | 5365 | 7800 | 12736 |
| 8 | 5 | | 7987 | 13987 | 34194 | | 4665 | 6666 | 11966 |
| | 10 | | 7846 | 15487 | 34194 | | 4613 | 7119 | 11966 |
| | 20 | | 10994 | 16839 | 34194 | | 5713 | 7515 | 11966 |
| | 40 | | 11925 | 20640 | 40489 | | 6018 | 8579 | 13396 |

TABLE 6.051 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5531000 Salt Creek near Arlington Heights

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 818 | 1650 | 3898 | | 1165 | 1768 | 2983 |
| Q7,10 | 10 | | 818 | 1650 | 3898 | | 1165 | 1768 | 2983 |
| 1 | 5 | | 884 | 1650 | 3898 | | 1219 | 1768 | 2983 |
| | 10 | | 1147 | 1829 | 3898 | | 1423 | 1881 | 2983 |
| | 20 | | 1249 | 1957 | 3898 | | 1497 | 1959 | 2983 |
| | 40 | | 1349 | 2360 | 4476 | | 1567 | 2195 | 3249 |
| 2 | 5 | | 818 | 1650 | 3898 | | 1165 | 1768 | 2983 |
| | 10 | | 908 | 1650 | 3898 | | 1239 | 1768 | 2983 |
| | 20 | | 1010 | 1663 | 3898 | | 1319 | 1776 | 2983 |
| | 40 | | 1085 | 1938 | 4067 | | 1376 | 1948 | 3062 |
| 3 | 5 | | 1297 | 1761 | 3898 | | 1531 | 1839 | 2983 |
| | 10 | | 1678 | 2392 | 3898 | | 1786 | 2213 | 2983 |
| | 20 | | 1797 | 2523 | 3968 | | 1861 | 2285 | 3015 |
| | 40 | | 2131 | 3200 | 4977 | | 2063 | 2642 | 3469 |
| 4 | 5 | | 884 | 1650 | 3898 | | 1219 | 1768 | 2983 |
| | 10 | | 1147 | 1829 | 3898 | | 1423 | 1881 | 2983 |
| | 20 | | 1249 | 1957 | 3898 | | 1497 | 1959 | 2983 |
| | 40 | | 1349 | 2360 | 4476 | | 1567 | 2195 | 3249 |
| 5 | 5 | | 818 | 1650 | 3898 | | 1165 | 1768 | 2983 |
| | 10 | | 819 | 1650 | 3898 | | 1166 | 1768 | 2983 |
| | 20 | | 922 | 1650 | 3898 | | 1250 | 1768 | 2983 |
| | 40 | | 991 | 1782 | 3917 | | 1304 | 1852 | 2992 |
| 6 | 5 | | 818 | 1650 | 3898 | | 1165 | 1768 | 2983 |
| | 10 | | 963 | 1650 | 3898 | | 1282 | 1768 | 2983 |
| | 20 | | 1065 | 1730 | 3898 | | 1361 | 1819 | 2983 |
| | 40 | | 1142 | 2035 | 4160 | | 1419 | 2006 | 3105 |
| 7 | 5 | | 818 | 1650 | 3898 | | 1165 | 1768 | 2983 |
| | 10 | | 870 | 1650 | 3898 | | 1207 | 1768 | 2983 |
| | 20 | | 972 | 1650 | 3898 | | 1289 | 1768 | 2983 |
| | 40 | | 1045 | 1870 | 4001 | | 1346 | 1906 | 3031 |
| 8 | 5 | | 833 | 1650 | 3898 | | 1177 | 1768 | 2983 |
| | 10 | | 1088 | 1760 | 3898 | | 1379 | 1838 | 2983 |
| | 20 | | 1190 | 1884 | 3898 | | 1454 | 1915 | 2983 |
| | 40 | | 1281 | 2255 | 4374 | | 1520 | 2135 | 3203 |

TABLE 6.052 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5531500 Salt Creek at Western Springs

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 958 | 2695 | 7231 | | 1278 | 2379 | 4381 | |
| Q7,10 | 10 | 6134 | 8452 | 13169 | | 3952 | 4834 | 6413 | |
| 1 | 5 | 5149 | 6994 | 10942 | | 3543 | 4291 | 5696 | |
| | 10 | 7064 | 9385 | 14134 | | 4317 | 5166 | 6711 | |
| | 20 | 7632 | 10087 | 14944 | | 4533 | 5408 | 6957 | |
| | 40 | 8347 | 11920 | 19003 | | 4796 | 6016 | 8129 | |
| 2 | 5 | 2441 | 3944 | 7594 | | 2240 | 3004 | 4519 | |
| | 10 | 3212 | 5519 | 10139 | | 2648 | 3700 | 5426 | |
| | 20 | 3738 | 5976 | 10866 | | 2907 | 3888 | 5671 | |
| | 40 | 4250 | 6493 | 13127 | | 3146 | 4095 | 6400 | |
| 3 | 5 | 7610 | 9574 | 13645 | | 4525 | 5232 | 6561 | |
| | 10 | 10159 | 12524 | 17101 | | 5433 | 6210 | 7591 | |
| | 20 | 10887 | 13283 | 17978 | | 5677 | 6448 | 7841 | |
| | 40 | 13159 | 16959 | 23977 | | 6410 | 7550 | 9463 | |
| 4 | 5 | 3402 | 5125 | 8884 | | 2743 | 3533 | 4990 | |
| | 10 | 4712 | 7034 | 11708 | | 3354 | 4306 | 5948 | |
| | 20 | 5227 | 7600 | 12464 | | 3577 | 4521 | 6190 | |
| | 40 | 5774 | 8308 | 15646 | | 3805 | 4782 | 7166 | |
| 5 | 5 | 1894 | 3274 | 7231 | | 1921 | 2679 | 4381 | |
| | 10 | 2350 | 4521 | 9171 | | 2189 | 3269 | 5091 | |
| | 20 | 2892 | 5037 | 9865 | | 2484 | 3495 | 5332 | |
| | 40 | 3305 | 5591 | 11577 | | 2695 | 3730 | 5905 | |
| 6 | 5 | 2891 | 4509 | 8241 | | 2483 | 3263 | 4758 | |
| | 10 | 3931 | 6291 | 10950 | | 2998 | 4015 | 5698 | |
| | 20 | 4450 | 6806 | 11703 | | 3237 | 4218 | 5946 | |
| | 40 | 5028 | 7313 | 14424 | | 3491 | 4413 | 6800 | |
| 7 | 5 | 2570 | 4107 | 7782 | | 2311 | 3080 | 4589 | |
| | 10 | 3420 | 5707 | 10375 | | 2752 | 3778 | 5506 | |
| | 20 | 3944 | 6218 | 11110 | | 3004 | 3986 | 5752 | |
| | 40 | 4477 | 6726 | 13505 | | 3249 | 4187 | 6517 | |
| 8 | 5 | 3910 | 5675 | 9515 | | 2989 | 3765 | 5211 | |
| | 10 | 5468 | 7760 | 12454 | | 3679 | 4581 | 6187 | |
| | 20 | 5926 | 8377 | 13212 | | 3868 | 4807 | 6426 | |
| | 40 | 6444 | 9320 | 16846 | | 4076 | 5143 | 7517 | |

TABLE 6.053 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5532000 Addison Creek at Bellwood

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 250 | 549 | 1546 | | 583 | 921 | 1700 |
| Q7,10 | 10 | | 955 | 1303 | 1979 | | 1276 | 1535 | 1972 |
| 1 | 5 | | 1277 | 1541 | 2061 | | 1516 | 1697 | 2022 |
| | 10 | | 1804 | 2143 | 2750 | | 1865 | 2070 | 2409 |
| | 20 | | 1868 | 2219 | 3231 | | 1905 | 2114 | 2658 |
| | 40 | | 2491 | 3041 | 4140 | | 2268 | 2561 | 3095 |
| 2 | 5 | | 675 | 910 | 1546 | | 1039 | 1240 | 1700 |
| | 10 | | 930 | 1277 | 1954 | | 1256 | 1517 | 1957 |
| | 20 | | 1016 | 1345 | 2020 | | 1324 | 1564 | 1997 |
| | 40 | | 1214 | 1722 | 2730 | | 1471 | 1814 | 2398 |
| 3 | 5 | | 1909 | 2167 | 2283 | | 1930 | 2084 | 2151 |
| | 10 | | 2551 | 2911 | 3094 | | 2301 | 2493 | 2588 |
| | 20 | | 2873 | 3507 | 3787 | | 2473 | 2795 | 2930 |
| | 40 | | 3781 | 4394 | 4673 | | 2927 | 3212 | 3336 |
| 4 | 5 | | 960 | 1191 | 1711 | | 1280 | 1455 | 1807 |
| | 10 | | 1349 | 1685 | 2360 | | 1567 | 1791 | 2195 |
| | 20 | | 1413 | 1748 | 2522 | | 1611 | 1831 | 2285 |
| | 40 | | 1824 | 2313 | 3321 | | 1878 | 2168 | 2703 |
| 5 | 5 | | 437 | 682 | 1546 | | 807 | 1046 | 1700 |
| | 10 | | 620 | 940 | 1627 | | 989 | 1264 | 1753 |
| | 20 | | 702 | 1026 | 1689 | | 1064 | 1331 | 1793 |
| | 40 | | 760 | 1229 | 2227 | | 1115 | 1482 | 2119 |
| 6 | 5 | | 635 | 871 | 1546 | | 1003 | 1209 | 1700 |
| | 10 | | 874 | 1220 | 1899 | | 1211 | 1476 | 1924 |
| | 20 | | 963 | 1292 | 1964 | | 1282 | 1527 | 1964 |
| | 40 | | 1129 | 1641 | 2642 | | 1409 | 1762 | 2351 |
| 7 | 5 | | 612 | 850 | 1546 | | 982 | 1191 | 1700 |
| | 10 | | 851 | 1189 | 1869 | | 1192 | 1454 | 1906 |
| | 20 | | 934 | 1263 | 1934 | | 1259 | 1506 | 1945 |
| | 40 | | 1083 | 1597 | 2595 | | 1374 | 1734 | 2325 |
| 8 | 5 | | 840 | 1070 | 1572 | | 1183 | 1365 | 1717 |
| | 10 | | 1163 | 1509 | 2183 | | 1435 | 1676 | 2093 |
| | 20 | | 1238 | 1570 | 2263 | | 1489 | 1716 | 2139 |
| | 40 | | 1561 | 2055 | 3016 | | 1710 | 2018 | 2548 |

TABLE 6.054 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5532500 Des Plaines River at Riverside

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 7958 | 18009 | 48704 | | 4654 | 7850 | 15167 | |
| Q7,10 | 10 | 12948 | 22689 | 48704 | | 6344 | 9127 | 15167 | |
| 1 | 5 | 20842 | 28633 | 48704 | | 8633 | 10637 | 15167 | |
| | 10 | 26286 | 37498 | 60781 | | 10053 | 12725 | 17624 | |
| | 20 | 29081 | 39791 | 62576 | | 10747 | 13240 | 17977 | |
| | 40 | 33107 | 49606 | 80996 | | 11712 | 15356 | 21452 | |
| 2 | 5 | 11779 | 20101 | 48704 | | 5970 | 8432 | 15167 | |
| | 10 | 15205 | 25225 | 48704 | | 7035 | 9784 | 15167 | |
| | 20 | 17223 | 28087 | 49728 | | 7626 | 10503 | 15382 | |
| | 40 | 19120 | 31575 | 64817 | | 8161 | 11349 | 18414 | |
| 3 | 5 | 30782 | 38684 | 54383 | | 11159 | 12993 | 16342 | |
| | 10 | 40548 | 52208 | 73429 | | 13409 | 15896 | 20054 | |
| | 20 | 42646 | 53941 | 75895 | | 13870 | 16252 | 20514 | |
| | 40 | 54029 | 70684 | 103420 | | 16270 | 19537 | 25403 | |
| 4 | 5 | 17072 | 25137 | 48704 | | 7582 | 9762 | 15167 | |
| | 10 | 21478 | 32239 | 55464 | | 8805 | 11507 | 16561 | |
| | 20 | 24280 | 34851 | 57220 | | 9542 | 12119 | 16915 | |
| | 40 | 26608 | 41990 | 75251 | | 10134 | 13727 | 20394 | |
| 5 | 5 | 10119 | 18188 | 48704 | | 5419 | 7900 | 15167 | |
| | 10 | 13040 | 22787 | 48704 | | 6373 | 9153 | 15167 | |
| | 20 | 14838 | 25756 | 48704 | | 6925 | 9919 | 15167 | |
| | 40 | 16632 | 28097 | 60923 | | 7455 | 10505 | 17652 | |
| 6 | 5 | 13503 | 21765 | 48704 | | 6517 | 8882 | 15167 | |
| | 10 | 17292 | 27407 | 50470 | | 7645 | 10334 | 15537 | |
| | 20 | 19568 | 30319 | 52191 | | 8285 | 11048 | 15893 | |
| | 40 | 21564 | 35017 | 68247 | | 8828 | 12157 | 19074 | |
| 7 | 5 | 11322 | 19676 | 48704 | | 5821 | 8315 | 15167 | |
| | 10 | 14669 | 24616 | 48704 | | 6874 | 9628 | 15167 | |
| | 20 | 16622 | 27518 | 49101 | | 7452 | 10362 | 15251 | |
| | 40 | 18486 | 30695 | 63945 | | 7984 | 11138 | 18244 | |
| 8 | 5 | 14976 | 23151 | 48704 | | 6966 | 9248 | 15167 | |
| | 10 | 19019 | 29395 | 52518 | | 8133 | 10824 | 15960 | |
| | 20 | 21510 | 32181 | 54254 | | 8813 | 11493 | 16315 | |
| | 40 | 23602 | 37884 | 71119 | | 9366 | 12813 | 19620 | |

TABLE 6.055 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5533000 Flag Creek near Willow Springs

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 142 | 197 | 354 | | 422 | 510 | 714 |
| Q7,10 | 10 | | 181 | 539 | 1452 | | 485 | 912 | 1638 |
| 1 | 5 | | 951 | 1281 | 1990 | | 1273 | 1519 | 1979 |
| | 10 | | 1326 | 1817 | 2698 | | 1551 | 1874 | 2381 |
| | 20 | | 1408 | 1891 | 2886 | | 1608 | 1919 | 2480 |
| | 40 | | 1777 | 2486 | 3865 | | 1848 | 2265 | 2967 |
| 2 | 5 | | 142 | 321 | 964 | | 422 | 674 | 1283 |
| | 10 | | 142 | 453 | 1345 | | 422 | 823 | 1565 |
| | 20 | | 180 | 518 | 1426 | | 483 | 891 | 1620 |
| | 40 | | 351 | 747 | 1808 | | 710 | 1104 | 1868 |
| 3 | 5 | | 1345 | 1685 | 2019 | | 1565 | 1791 | 1997 |
| | 10 | | 1910 | 2382 | 2735 | | 1931 | 2207 | 2401 |
| | 20 | | 1984 | 2467 | 2941 | | 1976 | 2254 | 2509 |
| | 40 | | 2620 | 3239 | 3924 | | 2338 | 2662 | 2995 |
| 4 | 5 | | 235 | 507 | 1162 | | 563 | 879 | 1434 |
| | 10 | | 319 | 700 | 1640 | | 672 | 1063 | 1762 |
| | 20 | | 388 | 796 | 1716 | | 752 | 1145 | 1810 |
| | 40 | | 588 | 990 | 2233 | | 959 | 1304 | 2122 |
| 5 | 5 | | 508 | 839 | 1496 | | 880 | 1182 | 1667 |
| | 10 | | 702 | 1150 | 2121 | | 1064 | 1424 | 2057 |
| | 20 | | 797 | 1246 | 2197 | | 1147 | 1495 | 2102 |
| | 40 | | 992 | 1526 | 2836 | | 1305 | 1687 | 2454 |
| 6 | 5 | | 688 | 1018 | 1688 | | 1051 | 1325 | 1792 |
| | 10 | | 929 | 1424 | 2384 | | 1256 | 1619 | 2208 |
| | 20 | | 1044 | 1503 | 2470 | | 1345 | 1672 | 2256 |
| | 40 | | 1251 | 1925 | 3244 | | 1498 | 1940 | 2665 |
| 7 | 5 | | 480 | 809 | 1466 | | 851 | 1157 | 1647 |
| | 10 | | 665 | 1106 | 2079 | | 1031 | 1392 | 2032 |
| | 20 | | 756 | 1206 | 2155 | | 1111 | 1465 | 2077 |
| | 40 | | 964 | 1469 | 2777 | | 1283 | 1649 | 2423 |
| 8 | 5 | | 657 | 988 | 1654 | | 1023 | 1302 | 1770 |
| | 10 | | 893 | 1380 | 2342 | | 1227 | 1589 | 2184 |
| | 20 | | 1003 | 1459 | 2422 | | 1313 | 1643 | 2230 |
| | 40 | | 1195 | 1862 | 3159 | | 1458 | 1902 | 2622 |

TABLE 6.057 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5535000 Skokie River at Lake Forest

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 109 | 152 | 680 | | 363 | 440 | 1044 |
| Q7,10 | 10 | | 273 | 565 | 1189 | | 614 | 937 | 1454 |
| 1 | 5 | | 686 | 921 | 1426 | | 1050 | 1249 | 1620 |
| | 10 | | 919 | 1245 | 1895 | | 1247 | 1494 | 1922 |
| | 20 | | 1016 | 1346 | 2034 | | 1324 | 1565 | 2006 |
| | 40 | | 1251 | 1764 | 2733 | | 1498 | 1841 | 2399 |
| 2 | 5 | | 199 | 406 | 879 | | 513 | 772 | 1215 |
| | 10 | | 268 | 560 | 1184 | | 608 | 932 | 1449 |
| | 20 | | 318 | 636 | 1283 | | 671 | 1004 | 1521 |
| | 40 | | 436 | 739 | 1671 | | 805 | 1097 | 1781 |
| 3 | 5 | | 841 | 1073 | 1614 | | 1184 | 1368 | 1745 |
| | 10 | | 1130 | 1465 | 2054 | | 1410 | 1646 | 2018 |
| | 20 | | 1227 | 1574 | 2208 | | 1481 | 1719 | 2108 |
| | 40 | | 1587 | 2104 | 3084 | | 1727 | 2047 | 2583 |
| 4 | 5 | | 270 | 485 | 957 | | 610 | 857 | 1278 |
| | 10 | | 369 | 663 | 1297 | | 731 | 1029 | 1531 |
| | 20 | | 426 | 742 | 1401 | | 794 | 1099 | 1603 |
| | 40 | | 538 | 862 | 1846 | | 911 | 1201 | 1891 |
| 5 | 5 | | 323 | 548 | 1020 | | 677 | 920 | 1326 |
| | 10 | | 444 | 738 | 1388 | | 814 | 1096 | 1594 |
| | 20 | | 510 | 831 | 1494 | | 883 | 1175 | 1666 |
| | 40 | | 619 | 965 | 1985 | | 988 | 1284 | 1976 |
| 6 | 5 | | 441 | 679 | 1153 | | 811 | 1043 | 1427 |
| | 10 | | 606 | 909 | 1565 | | 976 | 1239 | 1713 |
| | 20 | | 687 | 1006 | 1680 | | 1050 | 1316 | 1788 |
| | 40 | | 793 | 1235 | 2191 | | 1143 | 1487 | 2098 |
| 7 | 5 | | 327 | 552 | 1024 | | 681 | 924 | 1329 |
| | 10 | | 449 | 743 | 1394 | | 819 | 1100 | 1598 |
| | 20 | | 516 | 836 | 1500 | | 888 | 1180 | 1670 |
| | 40 | | 623 | 972 | 1994 | | 992 | 1290 | 1981 |
| 8 | 5 | | 457 | 689 | 1170 | | 828 | 1052 | 1440 |
| | 10 | | 627 | 931 | 1587 | | 995 | 1257 | 1727 |
| | 20 | | 709 | 1028 | 1704 | | 1070 | 1333 | 1802 |
| | 40 | | 816 | 1270 | 2225 | | 1163 | 1511 | 2117 |

TABLE 6.058 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 240 | 501 | 1321 | | 570 | 874 | 1547 |
| Q7,10 | 10 | | 741 | 1020 | 1583 | | 1098 | 1326 | 1725 |
| 1 | 5 | | 972 | 1225 | 1675 | | 1289 | 1479 | 1784 |
| | 10 | | 1209 | 1490 | 1984 | | 1468 | 1663 | 1976 |
| | 20 | | 1260 | 1545 | 2151 | | 1505 | 1699 | 2075 |
| | 40 | | 1653 | 2074 | 2920 | | 1770 | 2029 | 2498 |
| 2 | 5 | | 505 | 715 | 1321 | | 877 | 1076 | 1547 |
| | 10 | | 649 | 917 | 1484 | | 1016 | 1245 | 1659 |
| | 20 | | 737 | 995 | 1539 | | 1095 | 1307 | 1696 |
| | 40 | | 808 | 1232 | 2065 | | 1156 | 1484 | 2024 |
| 3 | 5 | | 1302 | 1550 | 1994 | | 1534 | 1703 | 1982 |
| | 10 | | 1575 | 1800 | 2397 | | 1719 | 1863 | 2216 |
| | 20 | | 1631 | 1860 | 2799 | | 1756 | 1900 | 2435 |
| | 40 | | 2150 | 2591 | 3581 | | 2074 | 2323 | 2831 |
| 4 | 5 | | 642 | 882 | 1385 | | 1009 | 1217 | 1592 |
| | 10 | | 825 | 1107 | 1668 | | 1170 | 1393 | 1780 |
| | 20 | | 909 | 1167 | 1726 | | 1239 | 1437 | 1817 |
| | 40 | | 1090 | 1506 | 2296 | | 1380 | 1674 | 2158 |
| 5 | 5 | | 444 | 652 | 1321 | | 814 | 1019 | 1547 |
| | 10 | | 579 | 838 | 1404 | | 950 | 1181 | 1605 |
| | 20 | | 669 | 921 | 1457 | | 1035 | 1249 | 1641 |
| | 40 | | 704 | 1111 | 1943 | | 1066 | 1396 | 1951 |
| 6 | 5 | | 597 | 823 | 1326 | | 967 | 1168 | 1551 |
| | 10 | | 760 | 1039 | 1602 | | 1115 | 1341 | 1737 |
| | 20 | | 848 | 1105 | 1659 | | 1189 | 1392 | 1774 |
| | 40 | | 990 | 1408 | 2196 | | 1303 | 1608 | 2101 |
| 7 | 5 | | 441 | 649 | 1321 | | 811 | 1016 | 1547 |
| | 10 | | 575 | 834 | 1399 | | 946 | 1177 | 1601 |
| | 20 | | 665 | 917 | 1453 | | 1031 | 1246 | 1638 |
| | 40 | | 699 | 1104 | 1936 | | 1061 | 1391 | 1947 |
| 8 | 5 | | 593 | 818 | 1322 | | 964 | 1165 | 1548 |
| | 10 | | 755 | 1034 | 1598 | | 1111 | 1338 | 1734 |
| | 20 | | 843 | 1101 | 1654 | | 1185 | 1388 | 1771 |
| | 40 | | 983 | 1401 | 2188 | | 1298 | 1603 | 2096 |

TABLE 6.059 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536000 North Branch Chicago River at Niles

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 1250 | 3295 | 8788 | | 1497 | 2690 | 4955 |
| Q7,10 | 10 | | 3916 | 5827 | 10282 | | 2991 | 3827 | 5475 |
| 1 | 5 | | 4951 | 6538 | 10192 | | 3458 | 4113 | 5444 |
| | 10 | | 6424 | 8715 | 11335 | | 4068 | 4929 | 5826 |
| | 20 | | 7131 | 9154 | 13590 | | 4343 | 5085 | 6544 |
| | 40 | | 8450 | 11760 | 17811 | | 4834 | 5964 | 7794 |
| 2 | 5 | | 2558 | 4146 | 8788 | | 2305 | 3098 | 4955 |
| | 10 | | 3498 | 5367 | 9772 | | 2791 | 3636 | 5300 |
| | 20 | | 3964 | 6055 | 10220 | | 3014 | 3920 | 5453 |
| | 40 | | 4292 | 6709 | 13308 | | 3165 | 4180 | 6456 |
| 3 | 5 | | 7962 | 9927 | 13940 | | 4656 | 5353 | 6652 |
| | 10 | | 10646 | 11109 | 16810 | | 5597 | 5751 | 7507 |
| | 20 | | 11101 | 13307 | 18702 | | 5749 | 6456 | 8045 |
| | 40 | | 14589 | 17375 | 24816 | | 6850 | 7669 | 9680 |
| 4 | 5 | | 4059 | 5625 | 9037 | | 3058 | 3744 | 5044 |
| | 10 | | 5261 | 7402 | 10969 | | 3591 | 4446 | 5705 |
| | 20 | | 5946 | 7985 | 12321 | | 3876 | 4664 | 6145 |
| | 40 | | 6545 | 9859 | 15951 | | 4116 | 5330 | 7256 |
| 5 | 5 | | 2735 | 4334 | 8788 | | 2400 | 3184 | 4955 |
| | 10 | | 3708 | 5597 | 10027 | | 2892 | 3732 | 5388 |
| | 20 | | 4220 | 6294 | 10477 | | 3132 | 4016 | 5540 |
| | 40 | | 4507 | 7065 | 13683 | | 3262 | 4318 | 6573 |
| 6 | 5 | | 3498 | 5084 | 8788 | | 2790 | 3515 | 4955 |
| | 10 | | 4622 | 6617 | 10862 | | 3314 | 4144 | 5669 |
| | 20 | | 5238 | 7299 | 11570 | | 3582 | 4408 | 5903 |
| | 40 | | 5527 | 8728 | 14868 | | 3703 | 4934 | 6934 |
| 7 | 5 | | 3032 | 4652 | 8788 | | 2556 | 3327 | 4955 |
| | 10 | | 4062 | 5987 | 10461 | | 3059 | 3892 | 5535 |
| | 20 | | 4652 | 6697 | 10914 | | 3327 | 4175 | 5687 |
| | 40 | | 4870 | 7691 | 14318 | | 3423 | 4555 | 6767 |
| 8 | 5 | | 3896 | 5467 | 8839 | | 2982 | 3678 | 4973 |
| | 10 | | 5062 | 7174 | 10937 | | 3506 | 4360 | 5694 |
| | 20 | | 5740 | 7785 | 12101 | | 3791 | 4590 | 6075 |
| | 40 | | 6242 | 9529 | 15635 | | 3996 | 5216 | 7163 |

TABLE 6.061 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536235 Deer Creek near Chicago Heights

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 271 | 549 | 1251 | | 612 | 921 | 1498 |
| Q7,10 | 10 | | 1272 | 1593 | 2233 | | 1513 | 1731 | 2122 |
| 1 | 5 | | 498 | 728 | 1251 | | 870 | 1087 | 1498 |
| | 10 | | 579 | 884 | 1503 | | 950 | 1219 | 1672 |
| | 20 | | 631 | 969 | 1663 | | 1000 | 1287 | 1776 |
| | 40 | | 659 | 1012 | 1774 | | 1025 | 1321 | 1847 |
| 2 | 5 | | 343 | 576 | 1251 | | 701 | 948 | 1498 |
| | 10 | | 400 | 682 | 1294 | | 766 | 1046 | 1528 |
| | 20 | | 435 | 745 | 1432 | | 804 | 1102 | 1624 |
| | 40 | | 456 | 778 | 1486 | | 827 | 1131 | 1660 |
| 3 | 5 | | 715 | 958 | 1489 | | 1075 | 1278 | 1663 |
| | 10 | | 866 | 1171 | 1812 | | 1205 | 1440 | 1870 |
| | 20 | | 949 | 1290 | 2018 | | 1271 | 1526 | 1996 |
| | 40 | | 992 | 1344 | 2432 | | 1305 | 1564 | 2235 |
| 4 | 5 | | 456 | 686 | 1251 | | 826 | 1050 | 1498 |
| | 10 | | 527 | 827 | 1443 | | 899 | 1172 | 1632 |
| | 20 | | 573 | 906 | 1600 | | 944 | 1237 | 1736 |
| | 40 | | 595 | 946 | 1680 | | 965 | 1269 | 1787 |
| 5 | 5 | | 391 | 623 | 1251 | | 756 | 992 | 1498 |
| | 10 | | 451 | 742 | 1355 | | 821 | 1099 | 1572 |
| | 20 | | 489 | 812 | 1503 | | 861 | 1159 | 1672 |
| | 40 | | 511 | 848 | 1558 | | 884 | 1190 | 1708 |
| 6 | 5 | | 467 | 697 | 1251 | | 838 | 1060 | 1498 |
| | 10 | | 542 | 842 | 1459 | | 914 | 1185 | 1642 |
| | 20 | | 586 | 923 | 1617 | | 958 | 1250 | 1747 |
| | 40 | | 612 | 964 | 1703 | | 982 | 1283 | 1802 |
| 7 | 5 | | 441 | 673 | 1251 | | 811 | 1038 | 1498 |
| | 10 | | 508 | 808 | 1423 | | 881 | 1156 | 1618 |
| | 20 | | 552 | 884 | 1579 | | 925 | 1219 | 1722 |
| | 40 | | 576 | 924 | 1648 | | 947 | 1251 | 1767 |
| 8 | 5 | | 524 | 753 | 1263 | | 896 | 1108 | 1507 |
| | 10 | | 612 | 919 | 1539 | | 981 | 1247 | 1696 |
| | 20 | | 667 | 1007 | 1700 | | 1033 | 1316 | 1800 |
| | 40 | | 696 | 1052 | 1837 | | 1059 | 1351 | 1886 |

TABLE 6.062 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536255 Butterfield Creek at Flossmoor

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 354 | 695 | 1543 | | 714 | 1058 | 1699 |
| Q7,10 | 10 | | 637 | 986 | 1687 | | 1005 | 1300 | 1792 |
| 1 | 5 | | 539 | 821 | 1543 | | 911 | 1167 | 1699 |
| | 10 | | 674 | 1023 | 1725 | | 1039 | 1329 | 1816 |
| | 20 | | 751 | 1158 | 2000 | | 1108 | 1431 | 1985 |
| | 40 | | 812 | 1229 | 2092 | | 1159 | 1482 | 2040 |
| 2 | 5 | | 375 | 695 | 1543 | | 738 | 1058 | 1699 |
| | 10 | | 473 | 805 | 1543 | | 845 | 1153 | 1699 |
| | 20 | | 528 | 906 | 1740 | | 900 | 1237 | 1825 |
| | 40 | | 579 | 972 | 1812 | | 951 | 1290 | 1870 |
| 3 | 5 | | 674 | 974 | 1663 | | 1039 | 1291 | 1776 |
| | 10 | | 848 | 1188 | 1908 | | 1189 | 1453 | 1930 |
| | 20 | | 958 | 1372 | 2205 | | 1278 | 1583 | 2106 |
| | 40 | | 1026 | 1443 | 2421 | | 1331 | 1632 | 2229 |
| 4 | 5 | | 436 | 707 | 1543 | | 806 | 1068 | 1699 |
| | 10 | | 547 | 889 | 1586 | | 919 | 1223 | 1726 |
| | 20 | | 602 | 1006 | 1841 | | 972 | 1316 | 1889 |
| | 40 | | 657 | 1076 | 1913 | | 1023 | 1369 | 1933 |
| 5 | 5 | | 364 | 695 | 1543 | | 725 | 1058 | 1699 |
| | 10 | | 459 | 789 | 1543 | | 830 | 1139 | 1699 |
| | 20 | | 513 | 887 | 1721 | | 885 | 1222 | 1813 |
| | 40 | | 563 | 952 | 1792 | | 935 | 1274 | 1858 |
| 6 | 5 | | 436 | 707 | 1543 | | 806 | 1068 | 1699 |
| | 10 | | 547 | 889 | 1586 | | 919 | 1223 | 1726 |
| | 20 | | 602 | 1006 | 1841 | | 972 | 1316 | 1889 |
| | 40 | | 657 | 1076 | 1913 | | 1023 | 1369 | 1933 |
| 7 | 5 | | 393 | 695 | 1543 | | 758 | 1058 | 1699 |
| | 10 | | 494 | 829 | 1543 | | 867 | 1173 | 1699 |
| | 20 | | 550 | 935 | 1769 | | 922 | 1260 | 1844 |
| | 40 | | 603 | 1002 | 1841 | | 973 | 1313 | 1888 |
| 8 | 5 | | 468 | 742 | 1543 | | 839 | 1099 | 1699 |
| | 10 | | 583 | 932 | 1631 | | 954 | 1258 | 1756 |
| | 20 | | 643 | 1058 | 1894 | | 1011 | 1356 | 1921 |
| | 40 | | 699 | 1129 | 1967 | | 1062 | 1410 | 1965 |

TABLE 6.063 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536265 Lansing Ditch near Lansing

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 143 | 296 | 706 | | 424 | 643 | 1068 |
| Q7,10 | 10 | | 143 | 296 | 706 | | 424 | 643 | 1068 |
| 1 | 5 | | 614 | 775 | 1091 | | 984 | 1128 | 1381 |
| | 10 | | 755 | 940 | 1306 | | 1111 | 1264 | 1537 |
| | 20 | | 805 | 1014 | 1377 | | 1153 | 1322 | 1586 |
| | 40 | | 873 | 1087 | 1775 | | 1210 | 1378 | 1848 |
| 2 | 5 | | 344 | 480 | 796 | | 702 | 851 | 1146 |
| | 10 | | 406 | 591 | 964 | | 772 | 962 | 1283 |
| | 20 | | 430 | 622 | 1041 | | 799 | 991 | 1343 |
| | 40 | | 468 | 683 | 1115 | | 840 | 1047 | 1399 |
| 3 | 5 | | 725 | 883 | 1216 | | 1084 | 1218 | 1473 |
| | 10 | | 883 | 1066 | 1393 | | 1218 | 1362 | 1598 |
| | 20 | | 950 | 1153 | 1513 | | 1272 | 1427 | 1678 |
| | 40 | | 1022 | 1269 | 2087 | | 1328 | 1511 | 2037 |
| 4 | 5 | | 391 | 530 | 848 | | 756 | 902 | 1189 |
| | 10 | | 468 | 655 | 1025 | | 839 | 1021 | 1330 |
| | 20 | | 493 | 691 | 1108 | | 865 | 1054 | 1394 |
| | 40 | | 534 | 756 | 1200 | | 906 | 1112 | 1462 |
| 5 | 5 | | 274 | 417 | 717 | | 616 | 784 | 1078 |
| | 10 | | 325 | 498 | 875 | | 680 | 870 | 1211 |
| | 20 | | 350 | 525 | 940 | | 708 | 897 | 1264 |
| | 40 | | 377 | 575 | 1011 | | 740 | 946 | 1320 |
| 6 | 5 | | 359 | 494 | 812 | | 719 | 866 | 1160 |
| | 10 | | 423 | 611 | 983 | | 791 | 981 | 1298 |
| | 20 | | 447 | 642 | 1062 | | 817 | 1009 | 1359 |
| | 40 | | 487 | 706 | 1137 | | 859 | 1067 | 1415 |
| 7 | 5 | | 230 | 374 | 706 | | 556 | 736 | 1068 |
| | 10 | | 274 | 443 | 818 | | 615 | 813 | 1164 |
| | 20 | | 298 | 468 | 876 | | 646 | 839 | 1212 |
| | 40 | | 316 | 511 | 946 | | 668 | 883 | 1268 |
| 8 | 5 | | 337 | 473 | 788 | | 694 | 844 | 1139 |
| | 10 | | 397 | 582 | 955 | | 763 | 953 | 1276 |
| | 20 | | 422 | 611 | 1030 | | 790 | 981 | 1334 |
| | 40 | | 459 | 672 | 1104 | | 830 | 1037 | 1391 |

TABLE 6.064 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536270 North Creek near Lansing

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 310 | 642 | 1337 | | 661 | 1009 | 1559 |
| Q7,10 | 10 | | 310 | 642 | 1337 | | 661 | 1009 | 1559 |
| 1 | 5 | | 756 | 992 | 1526 | | 1112 | 1305 | 1687 |
| | 10 | | 903 | 1201 | 1791 | | 1234 | 1462 | 1857 |
| | 20 | | 1061 | 1405 | 2065 | | 1358 | 1606 | 2024 |
| | 40 | | 1125 | 1469 | 2306 | | 1406 | 1649 | 2164 |
| 2 | 5 | | 482 | 710 | 1337 | | 854 | 1071 | 1559 |
| | 10 | | 585 | 853 | 1441 | | 956 | 1194 | 1630 |
| | 20 | | 657 | 992 | 1671 | | 1024 | 1305 | 1781 |
| | 40 | | 713 | 1055 | 1730 | | 1073 | 1354 | 1819 |
| 3 | 5 | | 915 | 1173 | 1722 | | 1244 | 1442 | 1814 |
| | 10 | | 1111 | 1411 | 1994 | | 1396 | 1609 | 1981 |
| | 20 | | 1305 | 1637 | 2312 | | 1537 | 1760 | 2168 |
| | 40 | | 1369 | 1699 | 2739 | | 1581 | 1800 | 2403 |
| 4 | 5 | | 564 | 794 | 1337 | | 936 | 1144 | 1559 |
| | 10 | | 679 | 951 | 1547 | | 1043 | 1273 | 1701 |
| | 20 | | 781 | 1118 | 1788 | | 1133 | 1401 | 1855 |
| | 40 | | 839 | 1182 | 1844 | | 1182 | 1448 | 1891 |
| 5 | 5 | | 399 | 642 | 1337 | | 765 | 1009 | 1559 |
| | 10 | | 484 | 746 | 1337 | | 855 | 1102 | 1559 |
| | 20 | | 537 | 868 | 1544 | | 909 | 1206 | 1699 |
| | 40 | | 582 | 929 | 1608 | | 954 | 1256 | 1741 |
| 6 | 5 | | 492 | 720 | 1337 | | 864 | 1080 | 1559 |
| | 10 | | 596 | 865 | 1453 | | 967 | 1204 | 1638 |
| | 20 | | 672 | 1007 | 1684 | | 1037 | 1316 | 1790 |
| | 40 | | 727 | 1070 | 1741 | | 1086 | 1365 | 1826 |
| 7 | 5 | | 384 | 642 | 1337 | | 748 | 1009 | 1559 |
| | 10 | | 465 | 728 | 1337 | | 837 | 1087 | 1559 |
| | 20 | | 518 | 845 | 1521 | | 890 | 1187 | 1684 |
| | 40 | | 561 | 906 | 1585 | | 932 | 1236 | 1726 |
| 8 | 5 | | 498 | 726 | 1337 | | 870 | 1085 | 1559 |
| | 10 | | 603 | 874 | 1461 | | 974 | 1210 | 1644 |
| | 20 | | 681 | 1016 | 1693 | | 1045 | 1324 | 1796 |
| | 40 | | 737 | 1080 | 1749 | | 1095 | 1372 | 1831 |

TABLE 6.065 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536275 Thorn Creek at Thornton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 909 | 1887 | 4580 | | 1239 | 1917 | 3295 | |
| Q7,10 | 10 | 4317 | 5904 | 9680 | | 3177 | 3859 | 5268 | |
| 1 | 5 | 4596 | 5947 | 9099 | | 3302 | 3876 | 5065 | |
| | 10 | 5387 | 7157 | 11054 | | 3644 | 4353 | 5733 | |
| | 20 | 7247 | 8888 | 12453 | | 4388 | 4991 | 6187 | |
| | 40 | 9400 | 10450 | 14162 | | 5171 | 5531 | 6720 | |
| 2 | 5 | 1388 | 2441 | 5216 | | 1594 | 2240 | 3572 | |
| | 10 | 1886 | 3116 | 6242 | | 1916 | 2599 | 3995 | |
| | 20 | 3145 | 4775 | 8031 | | 2614 | 3381 | 4681 | |
| | 40 | 3837 | 5583 | 9883 | | 2954 | 3726 | 5338 | |
| 3 | 5 | 6434 | 7984 | 10677 | | 4072 | 4664 | 5607 | |
| | 10 | 7795 | 9746 | 12936 | | 4594 | 5291 | 6340 | |
| | 20 | 9461 | 11240 | 14146 | | 5192 | 5794 | 6715 | |
| | 40 | 11055 | 12913 | 15626 | | 5733 | 6332 | 7160 | |
| 4 | 5 | 2017 | 3313 | 6172 | | 1996 | 2699 | 3967 | |
| | 10 | 2657 | 4096 | 7452 | | 2359 | 3075 | 4465 | |
| | 20 | 4230 | 5829 | 9153 | | 3137 | 3828 | 5084 | |
| | 40 | 4976 | 7090 | 10730 | | 3469 | 4328 | 5625 | |
| 5 | 5 | 2725 | 4164 | 7011 | | 2395 | 3107 | 4297 | |
| | 10 | 3442 | 4975 | 8552 | | 2763 | 3469 | 4870 | |
| | 20 | 5153 | 6764 | 10143 | | 3545 | 4202 | 5427 | |
| | 40 | 6045 | 8667 | 11775 | | 3916 | 4912 | 5969 | |
| 6 | 5 | 3468 | 4947 | 7864 | | 2776 | 3456 | 4619 | |
| | 10 | 4256 | 5835 | 9605 | | 3149 | 3831 | 5242 | |
| | 20 | 5998 | 7657 | 11109 | | 3897 | 4542 | 5751 | |
| | 40 | 7376 | 9653 | 12778 | | 4437 | 5259 | 6290 | |
| 7 | 5 | 2893 | 4386 | 7232 | | 2484 | 3208 | 4382 | |
| | 10 | 3650 | 5205 | 8842 | | 2864 | 3567 | 4974 | |
| | 20 | 5395 | 7010 | 10405 | | 3648 | 4297 | 5516 | |
| | 40 | 6341 | 9081 | 12052 | | 4035 | 5059 | 6059 | |
| 8 | 5 | 3871 | 5267 | 8299 | | 2970 | 3594 | 4779 | |
| | 10 | 4672 | 6305 | 10116 | | 3336 | 4021 | 5418 | |
| | 20 | 6441 | 8090 | 11584 | | 4075 | 4703 | 5907 | |
| | 40 | 8122 | 9920 | 13265 | | 4714 | 5351 | 6443 | |

TABLE 6.067 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536340 Midlothian Creek at Oak Forest

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 189 | 378 | 877 | | 498 | 741 | 1213 |
| Q7,10 | 10 | | 189 | 378 | 877 | | 498 | 741 | 1213 |
| 1 | 5 | | 277 | 456 | 877 | | 620 | 827 | 1213 |
| | 10 | | 319 | 526 | 976 | | 672 | 898 | 1293 |
| | 20 | | 346 | 559 | 1076 | | 705 | 931 | 1370 |
| | 40 | | 363 | 581 | 1132 | | 724 | 952 | 1412 |
| 2 | 5 | | 199 | 378 | 877 | | 512 | 741 | 1213 |
| | 10 | | 235 | 432 | 877 | | 564 | 801 | 1213 |
| | 20 | | 261 | 464 | 956 | | 598 | 836 | 1277 |
| | 40 | | 280 | 484 | 1008 | | 624 | 856 | 1318 |
| 3 | 5 | | 415 | 596 | 980 | | 783 | 966 | 1296 |
| | 10 | | 477 | 685 | 1164 | | 849 | 1049 | 1435 |
| | 20 | | 510 | 748 | 1279 | | 883 | 1105 | 1518 |
| | 40 | | 531 | 788 | 1342 | | 904 | 1139 | 1562 |
| 4 | 5 | | 264 | 443 | 877 | | 603 | 813 | 1213 |
| | 10 | | 305 | 510 | 958 | | 655 | 883 | 1279 |
| | 20 | | 334 | 543 | 1057 | | 690 | 916 | 1355 |
| | 40 | | 351 | 565 | 1112 | | 710 | 937 | 1396 |
| 5 | 5 | | 189 | 378 | 877 | | 498 | 741 | 1213 |
| | 10 | | 217 | 412 | 877 | | 539 | 780 | 1213 |
| | 20 | | 242 | 444 | 931 | | 573 | 814 | 1257 |
| | 40 | | 262 | 463 | 982 | | 600 | 834 | 1297 |
| 6 | 5 | | 225 | 403 | 877 | | 550 | 769 | 1213 |
| | 10 | | 263 | 464 | 904 | | 602 | 835 | 1235 |
| | 20 | | 290 | 496 | 996 | | 636 | 868 | 1308 |
| | 40 | | 309 | 517 | 1050 | | 659 | 889 | 1349 |
| 7 | 5 | | 215 | 393 | 877 | | 535 | 758 | 1213 |
| | 10 | | 253 | 452 | 890 | | 588 | 822 | 1224 |
| | 20 | | 279 | 484 | 981 | | 622 | 856 | 1297 |
| | 40 | | 298 | 505 | 1034 | | 646 | 877 | 1338 |
| 8 | 5 | | 277 | 456 | 877 | | 620 | 827 | 1213 |
| | 10 | | 319 | 526 | 976 | | 672 | 898 | 1293 |
| | 20 | | 346 | 559 | 1076 | | 705 | 931 | 1370 |
| | 40 | | 363 | 581 | 1132 | | 724 | 952 | 1412 |

TABLE 6.068 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5539000 Hickory Creek at Joliet

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 711 | 1326 | 4620 | | 1072 | 1551 | 3313 |
| Q7,10 | 10 | | 711 | 1592 | 4620 | | 1072 | 1730 | 3313 |
| 1 | 5 | | 1498 | 2700 | 5384 | | 1668 | 2382 | 3643 |
| | 10 | | 1930 | 3257 | 6483 | | 1943 | 2671 | 4091 |
| | 20 | | 2238 | 3577 | 7378 | | 2125 | 2829 | 4437 |
| | 40 | | 2322 | 4141 | 7831 | | 2173 | 3096 | 4607 |
| 2 | 5 | | 769 | 1603 | 4620 | | 1123 | 1738 | 3313 |
| | 10 | | 955 | 2078 | 4962 | | 1276 | 2032 | 3463 |
| | 20 | | 1207 | 2394 | 5607 | | 1467 | 2214 | 3736 |
| | 40 | | 1256 | 2484 | 6090 | | 1502 | 2264 | 3934 |
| 3 | 5 | | 2101 | 3429 | 6155 | | 2045 | 2756 | 3960 |
| | 10 | | 2616 | 4065 | 7456 | | 2336 | 3061 | 4467 |
| | 20 | | 2937 | 4495 | 8478 | | 2507 | 3257 | 4844 |
| | 40 | | 3219 | 5120 | 8963 | | 2652 | 3531 | 5018 |
| 4 | 5 | | 954 | 1907 | 4620 | | 1275 | 1929 | 3313 |
| | 10 | | 1207 | 2426 | 5414 | | 1467 | 2231 | 3656 |
| | 20 | | 1487 | 2737 | 6142 | | 1661 | 2401 | 3955 |
| | 40 | | 1524 | 2926 | 6597 | | 1686 | 2501 | 4136 |
| 5 | 5 | | 1206 | 2277 | 4940 | | 1466 | 2147 | 3453 |
| | 10 | | 1543 | 2800 | 5901 | | 1699 | 2435 | 3858 |
| | 20 | | 1829 | 3121 | 6706 | | 1881 | 2602 | 4179 |
| | 40 | | 1890 | 3485 | 7159 | | 1919 | 2784 | 4354 |
| 6 | 5 | | 1418 | 2580 | 5260 | | 1614 | 2317 | 3591 |
| | 10 | | 1822 | 3130 | 6321 | | 1877 | 2607 | 4027 |
| | 20 | | 2124 | 3450 | 7190 | | 2059 | 2767 | 4366 |
| | 40 | | 2202 | 3963 | 7644 | | 2104 | 3013 | 4537 |
| 7 | 5 | | 1356 | 2498 | 5165 | | 1572 | 2272 | 3550 |
| | 10 | | 1739 | 3033 | 6197 | | 1825 | 2557 | 3977 |
| | 20 | | 2037 | 3353 | 7047 | | 2007 | 2719 | 4311 |
| | 40 | | 2111 | 3822 | 7501 | | 2051 | 2947 | 4484 |
| 8 | 5 | | 1636 | 2914 | 5604 | | 1759 | 2495 | 3735 |
| | 10 | | 2123 | 3483 | 6772 | | 2058 | 2783 | 4205 |
| | 20 | | 2441 | 3803 | 7712 | | 2240 | 2938 | 4563 |
| | 40 | | 2533 | 4457 | 8165 | | 2291 | 3240 | 4730 |

TABLE 6.071 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5542000 Mazon River near Coal City

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| Q7,10 | 10 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| 1 | 5 | 4969 | 9956 | 19435 | 54459 | 3466 | 5364 | 8249 | 16357 |
| | 10 | 5478 | 9956 | 19435 | 54459 | 3683 | 5364 | 8249 | 16357 |
| | 20 | 5718 | 10646 | 19551 | 54459 | 3782 | 5597 | 8281 | 16357 |
| | 40 | 6183 | 11435 | 21764 | 57237 | 3972 | 5858 | 8881 | 16919 |
| 2 | 5 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| | 10 | 4948 | 9956 | 19435 | 54459 | 3457 | 5364 | 8249 | 16357 |
| | 20 | 5099 | 9956 | 19435 | 54459 | 3522 | 5364 | 8249 | 16357 |
| | 40 | 5537 | 10699 | 20587 | 55848 | 3707 | 5615 | 8565 | 16639 |
| 3 | 5 | 6172 | 10054 | 19435 | 54459 | 3967 | 5397 | 8249 | 16357 |
| | 10 | 6794 | 11250 | 19435 | 54459 | 4213 | 5798 | 8249 | 16357 |
| | 20 | 7250 | 12409 | 21323 | 54459 | 4389 | 6173 | 8763 | 16357 |
| | 40 | 7839 | 13305 | 24893 | 60819 | 4610 | 6455 | 9699 | 17632 |
| 4 | 5 | 5109 | 9956 | 19435 | 54459 | 3526 | 5364 | 8249 | 16357 |
| | 10 | 5630 | 9956 | 19435 | 54459 | 3746 | 5364 | 8249 | 16357 |
| | 20 | 5895 | 10846 | 19751 | 54459 | 3855 | 5664 | 8336 | 16357 |
| | 40 | 6373 | 11647 | 22114 | 57639 | 4048 | 5927 | 8974 | 17000 |
| 5 | 5 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| | 10 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| | 20 | 4905 | 9956 | 19435 | 54459 | 3438 | 5364 | 8249 | 16357 |
| | 40 | 5331 | 10471 | 20233 | 55420 | 3621 | 5538 | 8468 | 16552 |
| 6 | 5 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| | 10 | 5207 | 9956 | 19435 | 54459 | 3568 | 5364 | 8249 | 16357 |
| | 20 | 5402 | 10290 | 19435 | 54459 | 3651 | 5477 | 8249 | 16357 |
| | 40 | 5860 | 11057 | 21144 | 56523 | 3841 | 5734 | 8715 | 16775 |
| 7 | 5 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| | 10 | 4913 | 9956 | 19435 | 54459 | 3442 | 5364 | 8249 | 16357 |
| | 20 | 5058 | 9956 | 19435 | 54459 | 3504 | 5364 | 8249 | 16357 |
| | 40 | 5493 | 10651 | 20512 | 55757 | 3689 | 5599 | 8544 | 16621 |
| 8 | 5 | 4861 | 9956 | 19435 | 54459 | 3419 | 5364 | 8249 | 16357 |
| | 10 | 5351 | 9956 | 19435 | 54459 | 3629 | 5364 | 8249 | 16357 |
| | 20 | 5569 | 10478 | 19435 | 54459 | 3721 | 5541 | 8249 | 16357 |
| | 40 | 6039 | 11257 | 21470 | 56900 | 3914 | 5800 | 8803 | 16851 |

TABLE 6.073 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5449000 Boone Creek near McHenry

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Q7,10 | 10 | 0 | 0 | 250 | | 0 | 0 | 584 | |
| 1 | 5 | 248 | 248 | 248 | | 581 | 581 | 581 | |
| | 10 | 287 | 286 | 286 | | 632 | 631 | 631 | |
| | 20 | 399 | 398 | 398 | | 764 | 764 | 764 | |
| | 40 | 471 | 471 | 471 | | 843 | 843 | 843 | |
| 2 | 5 | 0 | 0 | 94 | | 0 | 0 | 334 | |
| | 10 | 0 | 0 | 102 | | 0 | 0 | 350 | |
| | 20 | 0 | 0 | 120 | | 0 | 0 | 384 | |
| | 40 | 0 | 0 | 145 | | 0 | 0 | 428 | |
| 3 | 5 | 248 | 248 | 248 | | 581 | 581 | 581 | |
| | 10 | 286 | 286 | 286 | | 631 | 631 | 631 | |
| | 20 | 398 | 398 | 398 | | 764 | 764 | 764 | |
| | 40 | 471 | 471 | 471 | | 843 | 843 | 842 | |
| 4 | 5 | 0 | 0 | 127 | | 0 | 0 | 397 | |
| | 10 | 0 | 0 | 143 | | 0 | 0 | 424 | |
| | 20 | 0 | 0 | 180 | | 0 | 0 | 484 | |
| | 40 | 0 | 0 | 226 | | 0 | 0 | 551 | |
| 5 | 5 | 108 | 219 | 248 | | 362 | 541 | 581 | |
| | 10 | 120 | 251 | 286 | | 384 | 585 | 631 | |
| | 20 | 146 | 348 | 398 | | 429 | 706 | 764 | |
| | 40 | 181 | 411 | 471 | | 486 | 778 | 843 | |
| 6 | 5 | 191 | 248 | 248 | | 501 | 581 | 581 | |
| | 10 | 219 | 286 | 286 | | 541 | 632 | 631 | |
| | 20 | 299 | 399 | 398 | | 647 | 764 | 764 | |
| | 40 | 357 | 471 | 471 | | 717 | 843 | 843 | |
| 7 | 5 | 160 | 248 | 248 | | 452 | 581 | 581 | |
| | 10 | 182 | 287 | 286 | | 486 | 632 | 631 | |
| | 20 | 241 | 399 | 398 | | 572 | 764 | 764 | |
| | 40 | 292 | 471 | 471 | | 639 | 843 | 843 | |
| 8 | 5 | 248 | 248 | 248 | | 581 | 581 | 581 | |
| | 10 | 287 | 286 | 286 | | 632 | 631 | 631 | |
| | 20 | 399 | 398 | 398 | | 764 | 764 | 764 | |
| | 40 | 471 | 471 | 471 | | 843 | 843 | 843 | |

TABLE 6.074 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5550000 Fox River at Algonquin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 11538 | 37792 | | 0 | 5892 | 12792 | |
| Q7,10 | 10 | 6015 | 13273 | 37792 | | 3904 | 6445 | 12792 | |
| 1 | 5 | 21419 | 31849 | 58273 | | 8789 | 11414 | 17126 | |
| | 10 | 27224 | 37136 | 71836 | | 10288 | 12643 | 19755 | |
| | 20 | 35674 | 52474 | 94938 | | 12309 | 15951 | 23938 | |
| | 40 | 56522 | 74008 | 128374 | | 16775 | 20162 | 29539 | |
| 2 | 5 | 7284 | 13962 | 37792 | | 4402 | 6659 | 12792 | |
| | 10 | 12004 | 19247 | 37792 | | 6043 | 8197 | 12792 | |
| | 20 | 13560 | 23705 | 50680 | | 6535 | 9393 | 15580 | |
| | 40 | 24792 | 39358 | 72028 | | 9674 | 13144 | 19791 | |
| 3 | 5 | 33389 | 46550 | 75321 | | 11778 | 14712 | 20407 | |
| | 10 | 38932 | 54916 | 96027 | | 13049 | 16450 | 24128 | |
| | 20 | 55025 | 76172 | 127026 | | 16472 | 20565 | 29321 | |
| | 40 | 76377 | 99418 | 169768 | | 20603 | 24716 | 35969 | |
| 4 | 5 | 11118 | 17381 | 37868 | | 5754 | 7671 | 12809 | |
| | 10 | 16097 | 23202 | 44141 | | 7299 | 9262 | 14195 | |
| | 20 | 19321 | 29019 | 62456 | | 8217 | 10732 | 17954 | |
| | 40 | 32881 | 48193 | 83295 | | 11659 | 15060 | 21870 | |
| 5 | 5 | 13052 | 19175 | 41707 | | 6376 | 8177 | 13664 | |
| | 10 | 18223 | 25284 | 48584 | | 7910 | 9799 | 15142 | |
| | 20 | 22294 | 31848 | 68838 | | 9022 | 11414 | 19187 | |
| | 40 | 37141 | 52484 | 89252 | | 12644 | 15953 | 22937 | |
| 6 | 5 | 17036 | 25350 | 50115 | | 7572 | 9816 | 15463 | |
| | 10 | 22805 | 30715 | 60332 | | 9157 | 11143 | 17536 | |
| | 20 | 28477 | 42363 | 81977 | | 10599 | 13808 | 21630 | |
| | 40 | 47305 | 63388 | 108265 | | 14872 | 18136 | 26225 | |
| 7 | 5 | 20170 | 30207 | 56508 | | 8451 | 11021 | 16772 | |
| | 10 | 26142 | 35228 | 69207 | | 10017 | 12206 | 19257 | |
| | 20 | 33518 | 50102 | 91819 | | 11808 | 15460 | 23391 | |
| | 40 | 54413 | 71491 | 123559 | | 16348 | 19690 | 28759 | |
| 8 | 5 | 29160 | 42163 | 69474 | | 10766 | 13765 | 19308 | |
| | 10 | 34043 | 49113 | 88509 | | 11931 | 15253 | 22805 | |
| | 20 | 48383 | 69598 | 114743 | | 15100 | 19331 | 27309 | |
| | 40 | 69873 | 89962 | 156076 | | 19384 | 23063 | 33892 | |

TABLE 6.075 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5550500 Poplar Creek at Elgin

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | | 600 | 1189 | 2936 | | 970 | 1454 | 2507 |
| Q7,10 | 10 | | 892 | 1478 | 2936 | | 1226 | 1655 | 2507 |
| 1 | 5 | | 932 | 1354 | 2936 | | 1258 | 1570 | 2507 |
| | 10 | | 1241 | 1839 | 3037 | | 1491 | 1887 | 2559 |
| | 20 | | 1321 | 1898 | 3116 | | 1547 | 1924 | 2600 |
| | 40 | | 1577 | 2461 | 4180 | | 1720 | 2251 | 3114 |
| 2 | 5 | | 636 | 1189 | 2936 | | 1004 | 1454 | 2507 |
| | 10 | | 828 | 1415 | 2936 | | 1173 | 1612 | 2507 |
| | 20 | | 906 | 1477 | 2936 | | 1237 | 1655 | 2507 |
| | 40 | | 1027 | 1832 | 3567 | | 1332 | 1883 | 2824 |
| 3 | 5 | | 1169 | 1573 | 2936 | | 1439 | 1718 | 2507 |
| | 10 | | 1566 | 2176 | 3363 | | 1713 | 2089 | 2724 |
| | 20 | | 1633 | 2226 | 3446 | | 1757 | 2118 | 2765 |
| | 40 | | 2067 | 2949 | 4566 | | 2025 | 2514 | 3289 |
| 4 | 5 | | 743 | 1189 | 2936 | | 1100 | 1454 | 2507 |
| | 10 | | 974 | 1571 | 2936 | | 1291 | 1717 | 2507 |
| | 20 | | 1062 | 1639 | 2936 | | 1359 | 1761 | 2507 |
| | 40 | | 1199 | 2075 | 3799 | | 1460 | 2030 | 2936 |
| 5 | 5 | | 629 | 1189 | 2936 | | 997 | 1454 | 2507 |
| | 10 | | 819 | 1405 | 2936 | | 1165 | 1605 | 2507 |
| | 20 | | 896 | 1467 | 2936 | | 1229 | 1648 | 2507 |
| | 40 | | 1017 | 1816 | 3552 | | 1324 | 1873 | 2817 |
| 6 | 5 | | 733 | 1189 | 2936 | | 1091 | 1454 | 2507 |
| | 10 | | 960 | 1556 | 2936 | | 1280 | 1707 | 2507 |
| | 20 | | 1048 | 1624 | 2936 | | 1348 | 1751 | 2507 |
| | 40 | | 1182 | 2053 | 3778 | | 1448 | 2017 | 2926 |
| 7 | 5 | | 681 | 1189 | 2936 | | 1045 | 1454 | 2507 |
| | 10 | | 888 | 1472 | 2936 | | 1222 | 1651 | 2507 |
| | 20 | | 970 | 1543 | 2936 | | 1288 | 1698 | 2507 |
| | 40 | | 1096 | 1931 | 3661 | | 1384 | 1944 | 2870 |
| 8 | 5 | | 785 | 1213 | 2936 | | 1136 | 1470 | 2507 |
| | 10 | | 1032 | 1630 | 2936 | | 1336 | 1755 | 2507 |
| | 20 | | 1120 | 1696 | 2936 | | 1402 | 1797 | 2507 |
| | 40 | | 1283 | 2161 | 3883 | | 1521 | 2080 | 2976 |

TABLE 6.078 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5552500 Fox River at Dayton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 0 | 12978 | 56913 | 0 | 0 | 6353 | 16854 |
| Q7,10 | 10 | 14019 | 21987 | 39796 | 97813 | 6676 | 8941 | 13242 | 24439 |
| 1 | 5 | 26201 | 36240 | 57941 | 116575 | 10032 | 12439 | 17060 | 27612 |
| | 10 | 45325 | 60309 | 92447 | 174073 | 14450 | 17531 | 23502 | 36613 |
| | 20 | 64616 | 86282 | 126850 | 219160 | 18375 | 22407 | 29293 | 43140 |
| | 40 | 84604 | 109094 | 154378 | 250467 | 22106 | 26364 | 33631 | 47476 |
| 2 | 5 | 0 | 9248 | 19278 | 56913 | 0 | 5118 | 8205 | 16854 |
| | 10 | 12009 | 17542 | 33701 | 86939 | 6045 | 7717 | 11851 | 22525 |
| | 20 | 17072 | 25271 | 47321 | 120686 | 7582 | 9796 | 14876 | 28289 |
| | 40 | 21957 | 33003 | 62776 | 147630 | 8933 | 11687 | 18016 | 32587 |
| 3 | 5 | 40413 | 53030 | 77435 | 146101 | 13379 | 16065 | 20799 | 32349 |
| | 10 | 66157 | 84523 | 122463 | 209607 | 18673 | 22091 | 28580 | 41788 |
| | 20 | 94273 | 117987 | 161505 | 255908 | 23822 | 27846 | 34721 | 48215 |
| | 40 | 117868 | 144675 | 191885 | 294111 | 27826 | 32127 | 39237 | 53307 |
| 4 | 5 | 0 | 13292 | 24458 | 64173 | 0 | 6451 | 9588 | 18289 |
| | 10 | 14871 | 23837 | 42404 | 102506 | 6935 | 9427 | 13817 | 25246 |
| | 20 | 21633 | 33652 | 60228 | 138143 | 8846 | 11840 | 17515 | 31099 |
| | 40 | 28103 | 44568 | 79106 | 166740 | 10507 | 14287 | 21106 | 35513 |
| 5 | 5 | 14648 | 21247 | 36421 | 84256 | 6868 | 8743 | 12480 | 22043 |
| | 10 | 26058 | 36982 | 60563 | 131525 | 9996 | 12608 | 17581 | 30046 |
| | 20 | 36587 | 52240 | 86629 | 171870 | 12518 | 15903 | 22469 | 36284 |
| | 40 | 48650 | 68917 | 109475 | 202141 | 15156 | 19202 | 26428 | 40720 |
| 6 | 5 | 20609 | 28189 | 48036 | 101028 | 8570 | 10528 | 15027 | 24993 |
| | 10 | 35917 | 48663 | 76841 | 154757 | 12365 | 15159 | 20689 | 33689 |
| | 20 | 50641 | 69641 | 108218 | 198501 | 15572 | 19339 | 26217 | 40196 |
| | 40 | 66921 | 90897 | 133992 | 228533 | 18820 | 23228 | 30440 | 44453 |
| 7 | 5 | 22631 | 30185 | 51162 | 106064 | 9111 | 11015 | 15680 | 25853 |
| | 10 | 39349 | 51810 | 81509 | 161426 | 13142 | 15814 | 21545 | 34709 |
| | 20 | 55617 | 74661 | 114625 | 206142 | 16592 | 20284 | 27289 | 41293 |
| | 40 | 73361 | 97161 | 140994 | 236130 | 20041 | 24325 | 31549 | 45508 |
| 8 | 5 | 33592 | 46331 | 69266 | 134190 | 11826 | 14665 | 19268 | 30471 |
| | 10 | 56623 | 74446 | 109998 | 195366 | 16795 | 20244 | 26516 | 39742 |
| | 20 | 81242 | 104914 | 147403 | 241124 | 21497 | 25657 | 32552 | 46196 |
| | 40 | 104370 | 130379 | 176873 | 274891 | 25565 | 29862 | 37030 | 50767 |

TABLE 6.079 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5554000 N. F. Vermilion River near Charlotte

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1891 | 3776 | 7481 | 20120 | 1919 | 2925 | 4476 | 8437 |
| Q7,10 | 10 | 1891 | 3776 | 7481 | 20120 | 1919 | 2925 | 4476 | 8437 |
| 1 | 5 | 2107 | 3776 | 7481 | 20120 | 2049 | 2925 | 4476 | 8437 |
| | 10 | 2237 | 3941 | 7481 | 20120 | 2125 | 3003 | 4476 | 8437 |
| | 20 | 2397 | 4216 | 7685 | 20120 | 2215 | 3130 | 4553 | 8437 |
| | 40 | 2514 | 4496 | 8295 | 21551 | 2281 | 3258 | 4778 | 8824 |
| 2 | 5 | 1891 | 3776 | 7481 | 20120 | 1919 | 2925 | 4476 | 8437 |
| | 10 | 1957 | 3776 | 7481 | 20120 | 1959 | 2925 | 4476 | 8437 |
| | 20 | 2119 | 3900 | 7481 | 20120 | 2056 | 2984 | 4476 | 8437 |
| | 40 | 2210 | 4150 | 7926 | 20843 | 2109 | 3100 | 4642 | 8634 |
| 3 | 5 | 2544 | 4007 | 7481 | 20120 | 2297 | 3034 | 4476 | 8437 |
| | 10 | 2771 | 4446 | 7481 | 20120 | 2420 | 3235 | 4476 | 8437 |
| | 20 | 2928 | 4866 | 8288 | 20120 | 2503 | 3421 | 4775 | 8437 |
| | 40 | 3093 | 5202 | 9289 | 22950 | 2588 | 3566 | 5132 | 9195 |
| 4 | 5 | 2103 | 3776 | 7481 | 20120 | 2046 | 2925 | 4476 | 8437 |
| | 10 | 2232 | 3936 | 7481 | 20120 | 2122 | 3000 | 4476 | 8437 |
| | 20 | 2392 | 4210 | 7678 | 20120 | 2212 | 3128 | 4550 | 8437 |
| | 40 | 2509 | 4489 | 8287 | 21538 | 2278 | 3255 | 4775 | 8821 |
| 5 | 5 | 1891 | 3776 | 7481 | 20120 | 1919 | 2925 | 4476 | 8437 |
| | 10 | 1925 | 3776 | 7481 | 20120 | 1940 | 2925 | 4476 | 8437 |
| | 20 | 2087 | 3863 | 7481 | 20120 | 2037 | 2966 | 4476 | 8437 |
| | 40 | 2176 | 4110 | 7878 | 20764 | 2089 | 3082 | 4624 | 8612 |
| 6 | 5 | 1997 | 3776 | 7481 | 20120 | 1983 | 2925 | 4476 | 8437 |
| | 10 | 2103 | 3813 | 7481 | 20120 | 2047 | 2943 | 4476 | 8437 |
| | 20 | 2264 | 4056 | 7522 | 20120 | 2140 | 3057 | 4491 | 8437 |
| | 40 | 2369 | 4322 | 8088 | 21210 | 2199 | 3179 | 4702 | 8733 |
| 7 | 5 | 1954 | 3776 | 7481 | 20120 | 1958 | 2925 | 4476 | 8437 |
| | 10 | 2051 | 3776 | 7481 | 20120 | 2016 | 2925 | 4476 | 8437 |
| | 20 | 2212 | 3995 | 7481 | 20120 | 2110 | 3028 | 4476 | 8437 |
| | 40 | 2312 | 4255 | 8008 | 21079 | 2168 | 3148 | 4672 | 8698 |
| 8 | 5 | 2199 | 3776 | 7481 | 20120 | 2103 | 2925 | 4476 | 8437 |
| | 10 | 2350 | 4033 | 7481 | 20120 | 2189 | 3046 | 4476 | 8437 |
| | 20 | 2503 | 4350 | 7822 | 20120 | 2274 | 3192 | 4604 | 8437 |
| | 40 | 2630 | 4643 | 8475 | 21839 | 2344 | 3323 | 4843 | 8901 |

TABLE 6.080 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5554500 Vermilion River at Pontiac

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 3501 | 8272 | 17678 | 37882 | 2792 | 4769 | 7756 | 12812 |
| Q7,10 | 10 | 3501 | 8272 | 17678 | 37882 | 2792 | 4769 | 7756 | 12812 |
| 1 | 5 | 3902 | 8272 | 17678 | 37882 | 2985 | 4769 | 7756 | 12812 |
| | 10 | 5084 | 9277 | 17678 | 37882 | 3515 | 5128 | 7756 | 12812 |
| | 20 | 5718 | 10667 | 19617 | 38982 | 3782 | 5604 | 8299 | 13060 |
| | 40 | 6652 | 11994 | 21531 | 45009 | 4158 | 6040 | 8819 | 14382 |
| 2 | 5 | 3501 | 8272 | 17678 | 37882 | 2792 | 4769 | 7756 | 12812 |
| | 10 | 3995 | 8272 | 17678 | 37882 | 3028 | 4769 | 7756 | 12812 |
| | 20 | 4357 | 8953 | 17804 | 37882 | 3195 | 5014 | 7792 | 12812 |
| | 40 | 5125 | 10181 | 19616 | 41173 | 3533 | 5440 | 8299 | 13547 |
| 3 | 5 | 4874 | 8820 | 17678 | 37882 | 3425 | 4966 | 7756 | 12812 |
| | 10 | 6360 | 10990 | 19129 | 37882 | 4043 | 5712 | 8164 | 12812 |
| | 20 | 7278 | 12616 | 21748 | 41394 | 4399 | 6239 | 8877 | 13596 |
| | 40 | 8365 | 14133 | 23609 | 49725 | 4803 | 6711 | 9368 | 15381 |
| 4 | 5 | 3567 | 8272 | 17678 | 37882 | 2824 | 4769 | 7756 | 12812 |
| | 10 | 4652 | 8681 | 17678 | 37882 | 3327 | 4917 | 7756 | 12812 |
| | 20 | 5171 | 9976 | 18883 | 38154 | 3553 | 5370 | 8095 | 12874 |
| | 40 | 6052 | 11290 | 20757 | 43373 | 3919 | 5811 | 8610 | 14029 |
| 5 | 5 | 3501 | 8272 | 17678 | 37882 | 2792 | 4769 | 7756 | 12812 |
| | 10 | 4414 | 8359 | 17678 | 37882 | 3221 | 4801 | 7756 | 12812 |
| | 20 | 4881 | 9604 | 18489 | 37882 | 3428 | 5242 | 7985 | 12812 |
| | 40 | 5717 | 10886 | 20340 | 42531 | 3782 | 5677 | 8497 | 13845 |
| 6 | 5 | 4018 | 8272 | 17678 | 37882 | 3039 | 4769 | 7756 | 12812 |
| | 10 | 5234 | 9482 | 17678 | 37882 | 3580 | 5200 | 7756 | 12812 |
| | 20 | 5905 | 10905 | 19871 | 39269 | 3859 | 5684 | 8369 | 13124 |
| | 40 | 6858 | 12253 | 21799 | 45590 | 4238 | 6123 | 8891 | 14507 |
| 7 | 5 | 3772 | 8272 | 17678 | 37882 | 2923 | 4769 | 7756 | 12812 |
| | 10 | 4915 | 9048 | 17678 | 37882 | 3442 | 5047 | 7756 | 12812 |
| | 20 | 5508 | 10401 | 19334 | 38663 | 3695 | 5515 | 8221 | 12988 |
| | 40 | 6422 | 11750 | 21233 | 44364 | 4067 | 5961 | 8739 | 14243 |
| 8 | 5 | 4410 | 8272 | 17678 | 37882 | 3219 | 4769 | 7756 | 12812 |
| | 10 | 5750 | 10187 | 18213 | 37882 | 3796 | 5442 | 7907 | 12812 |
| | 20 | 6545 | 11683 | 20745 | 40257 | 4116 | 5939 | 8607 | 13344 |
| | 40 | 7543 | 13141 | 22721 | 47612 | 4499 | 6404 | 9135 | 14937 |

TABLE 6.081 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5555500 Vermilion River at Lowell

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 6890 | 17597 | 38718 | 85662 | 4250 | 7733 | 13000 | 22296 |
| Q7,10 | 10 | 7895 | 17597 | 38718 | 85662 | 4631 | 7733 | 13000 | 22296 |
| 1 | 5 | 8439 | 17597 | 38718 | 85662 | 4830 | 7733 | 13000 | 22296 |
| | 10 | 11349 | 21042 | 39120 | 85662 | 5830 | 8687 | 13091 | 22296 |
| | 20 | 13947 | 25212 | 44976 | 90465 | 6654 | 9781 | 14375 | 23152 |
| | 40 | 15042 | 27235 | 48704 | 101051 | 6986 | 10291 | 15167 | 24997 |
| 2 | 5 | 6890 | 17597 | 38718 | 85662 | 4250 | 7733 | 13000 | 22296 |
| | 10 | 8455 | 17597 | 38718 | 85662 | 4836 | 7733 | 13000 | 22296 |
| | 20 | 10436 | 20805 | 40356 | 85662 | 5526 | 8624 | 13366 | 22296 |
| | 40 | 11138 | 22551 | 43746 | 92523 | 5761 | 9090 | 14109 | 23515 |
| 3 | 5 | 10720 | 19566 | 38718 | 85662 | 5622 | 8285 | 13000 | 22296 |
| | 10 | 14233 | 24510 | 43228 | 85662 | 6742 | 9601 | 13997 | 22296 |
| | 20 | 17370 | 29112 | 49217 | 95599 | 7668 | 10755 | 15275 | 24054 |
| | 40 | 18807 | 31590 | 52843 | 108486 | 8074 | 11353 | 16027 | 26262 |
| 4 | 5 | 7283 | 17597 | 38718 | 85662 | 4401 | 7733 | 13000 | 22296 |
| | 10 | 9812 | 18998 | 38718 | 85662 | 5314 | 8128 | 13000 | 22296 |
| | 20 | 12067 | 22862 | 42505 | 87485 | 6063 | 9172 | 13839 | 22622 |
| | 40 | 12965 | 24788 | 46053 | 96340 | 6349 | 9673 | 14606 | 24183 |
| 5 | 5 | 7483 | 17597 | 38718 | 85662 | 4477 | 7733 | 13000 | 22296 |
| | 10 | 10077 | 19350 | 38718 | 85662 | 5405 | 8225 | 13000 | 22296 |
| | 20 | 12391 | 23265 | 42928 | 87995 | 6167 | 9278 | 13932 | 22713 |
| | 40 | 13324 | 25227 | 46507 | 97129 | 6461 | 9785 | 14703 | 24320 |
| 6 | 5 | 8446 | 17597 | 38718 | 85662 | 4832 | 7733 | 13000 | 22296 |
| | 10 | 11359 | 21054 | 39135 | 85662 | 5833 | 8691 | 13094 | 22296 |
| | 20 | 13958 | 25227 | 44991 | 90484 | 6657 | 9785 | 14378 | 23156 |
| | 40 | 15055 | 27251 | 48721 | 101080 | 6990 | 10295 | 15171 | 25002 |
| 7 | 5 | 7835 | 17597 | 38718 | 85662 | 4608 | 7733 | 13000 | 22296 |
| | 10 | 10544 | 19969 | 38718 | 85662 | 5563 | 8396 | 13000 | 22296 |
| | 20 | 12961 | 23977 | 43675 | 88896 | 6348 | 9463 | 14094 | 22874 |
| | 40 | 13954 | 26000 | 47309 | 98553 | 6656 | 9981 | 14873 | 24567 |
| 8 | 5 | 9136 | 17682 | 38718 | 85662 | 5079 | 7757 | 13000 | 22296 |
| | 10 | 12276 | 22304 | 40610 | 85662 | 6130 | 9025 | 13422 | 22296 |
| | 20 | 15102 | 26565 | 46513 | 92324 | 7004 | 10124 | 14704 | 23480 |
| | 40 | 16316 | 28820 | 50353 | 104035 | 7363 | 10683 | 15512 | 25508 |

TABLE 6.082 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5556500 Bureau Creek at Princeton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1340 | 3322 | 6873 | 14398 | 1561 | 2704 | 4244 | 6792 |
| Q7,10 | 10 | 1340 | 3322 | 6873 | 14398 | 1561 | 2704 | 4244 | 6792 |
| 1 | 5 | 1551 | 3322 | 6873 | 14398 | 1704 | 2704 | 4244 | 6792 |
| | 10 | 2101 | 3883 | 6906 | 14398 | 2045 | 2976 | 4257 | 6792 |
| | 20 | 2512 | 4397 | 7735 | 15148 | 2279 | 3213 | 4571 | 7018 |
| | 40 | 2880 | 4967 | 8630 | 16635 | 2477 | 3465 | 4899 | 7456 |
| 2 | 5 | 1340 | 3322 | 6873 | 14398 | 1561 | 2704 | 4244 | 6792 |
| | 10 | 1522 | 3322 | 6873 | 14398 | 1684 | 2704 | 4244 | 6792 |
| | 20 | 1837 | 3676 | 6909 | 14398 | 1886 | 2877 | 4258 | 6792 |
| | 40 | 2145 | 4170 | 7761 | 15430 | 2071 | 3109 | 4581 | 7102 |
| 3 | 5 | 2659 | 4223 | 7060 | 14398 | 2360 | 3134 | 4316 | 6792 |
| | 10 | 3469 | 5253 | 8322 | 14885 | 2776 | 3588 | 4787 | 6939 |
| | 20 | 3970 | 5821 | 9338 | 16903 | 3016 | 3825 | 5149 | 7533 |
| | 40 | 4502 | 6596 | 10309 | 19159 | 3260 | 4136 | 5484 | 8172 |
| 4 | 5 | 1560 | 3322 | 6873 | 14398 | 1710 | 2704 | 4244 | 6792 |
| | 10 | 2116 | 3901 | 6924 | 14398 | 2054 | 2984 | 4264 | 6792 |
| | 20 | 2529 | 4416 | 7757 | 15171 | 2289 | 3222 | 4579 | 7025 |
| | 40 | 2891 | 4988 | 8653 | 16671 | 2483 | 3474 | 4907 | 7466 |
| 5 | 5 | 1420 | 3322 | 6873 | 14398 | 1616 | 2704 | 4244 | 6792 |
| | 10 | 1880 | 3613 | 6873 | 14398 | 1913 | 2846 | 4244 | 6792 |
| | 20 | 2250 | 4118 | 7413 | 14812 | 2132 | 3085 | 4451 | 6917 |
| | 40 | 2601 | 4649 | 8292 | 16132 | 2328 | 3326 | 4776 | 7309 |
| 6 | 5 | 1624 | 3322 | 6873 | 14398 | 1751 | 2704 | 4244 | 6792 |
| | 10 | 2225 | 4033 | 7058 | 14398 | 2117 | 3046 | 4315 | 6792 |
| | 20 | 2657 | 4535 | 7915 | 15335 | 2358 | 3275 | 4638 | 7074 |
| | 40 | 3026 | 5143 | 8819 | 16931 | 2553 | 3541 | 4966 | 7542 |
| 7 | 5 | 1460 | 3322 | 6873 | 14398 | 1643 | 2704 | 4244 | 6792 |
| | 10 | 1945 | 3695 | 6873 | 14398 | 1952 | 2886 | 4244 | 6792 |
| | 20 | 2330 | 4203 | 7511 | 14915 | 2178 | 3125 | 4488 | 6948 |
| | 40 | 2686 | 4746 | 8395 | 16282 | 2374 | 3369 | 4814 | 7353 |
| 8 | 5 | 1668 | 3322 | 6873 | 14398 | 1779 | 2704 | 4244 | 6792 |
| | 10 | 2299 | 4124 | 7150 | 14398 | 2160 | 3088 | 4351 | 6792 |
| | 20 | 2744 | 4629 | 8023 | 15449 | 2405 | 3317 | 4678 | 7108 |
| | 40 | 3119 | 5249 | 8933 | 17111 | 2601 | 3586 | 5007 | 7594 |

TABLE 6.083 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5558500 Crow Creek (West) near Henry

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 590 | 1167 | 2015 | 4883 | 961 | 1437 | 1994 | 3429 |
| Q7,10 | 10 | 590 | 1167 | 2015 | 4883 | 961 | 1437 | 1994 | 3429 |
| 1 | 5 | 897 | 1430 | 2256 | 4883 | 1229 | 1623 | 2135 | 3429 |
| | 10 | 1087 | 1593 | 2403 | 4883 | 1378 | 1731 | 2219 | 3429 |
| | 20 | 1137 | 1642 | 2486 | 4883 | 1415 | 1763 | 2265 | 3429 |
| | 40 | 1163 | 1677 | 2609 | 6112 | 1434 | 1785 | 2332 | 3943 |
| 2 | 5 | 688 | 1174 | 2022 | 4883 | 1051 | 1442 | 1998 | 3429 |
| | 10 | 812 | 1345 | 2168 | 4883 | 1159 | 1564 | 2084 | 3429 |
| | 20 | 865 | 1394 | 2234 | 4883 | 1204 | 1598 | 2123 | 3429 |
| | 40 | 887 | 1424 | 2325 | 5506 | 1221 | 1619 | 2175 | 3694 |
| 3 | 5 | 1272 | 1793 | 2567 | 4883 | 1513 | 1859 | 2309 | 3429 |
| | 10 | 1442 | 1938 | 2715 | 4883 | 1631 | 1948 | 2390 | 3429 |
| | 20 | 1492 | 1989 | 2824 | 5565 | 1664 | 1978 | 2448 | 3719 |
| | 40 | 1523 | 2031 | 2993 | 6978 | 1685 | 2004 | 2536 | 4284 |
| 4 | 5 | 837 | 1356 | 2188 | 4883 | 1180 | 1572 | 2096 | 3429 |
| | 10 | 1009 | 1522 | 2335 | 4883 | 1318 | 1684 | 2181 | 3429 |
| | 20 | 1060 | 1571 | 2414 | 4883 | 1357 | 1717 | 2225 | 3429 |
| | 40 | 1085 | 1604 | 2528 | 5937 | 1376 | 1738 | 2288 | 3872 |
| 5 | 5 | 612 | 1167 | 2015 | 4883 | 982 | 1437 | 1994 | 3429 |
| | 10 | 715 | 1258 | 2086 | 4883 | 1075 | 1503 | 2036 | 3429 |
| | 20 | 770 | 1307 | 2146 | 4883 | 1124 | 1538 | 2072 | 3429 |
| | 40 | 790 | 1336 | 2220 | 5295 | 1141 | 1558 | 2115 | 3605 |
| 6 | 5 | 704 | 1189 | 2040 | 4883 | 1066 | 1454 | 2009 | 3429 |
| | 10 | 833 | 1364 | 2186 | 4883 | 1177 | 1578 | 2095 | 3429 |
| | 20 | 887 | 1414 | 2254 | 4883 | 1221 | 1611 | 2134 | 3429 |
| | 40 | 909 | 1444 | 2348 | 5553 | 1239 | 1632 | 2188 | 3714 |
| 7 | 5 | 616 | 1167 | 2015 | 4883 | 986 | 1437 | 1994 | 3429 |
| | 10 | 720 | 1263 | 2090 | 4883 | 1080 | 1506 | 2039 | 3429 |
| | 20 | 775 | 1312 | 2151 | 4883 | 1128 | 1541 | 2075 | 3429 |
| | 40 | 796 | 1341 | 2226 | 5307 | 1145 | 1561 | 2118 | 3610 |
| 8 | 5 | 737 | 1230 | 2076 | 4883 | 1095 | 1483 | 2030 | 3429 |
| | 10 | 876 | 1403 | 2222 | 4883 | 1213 | 1604 | 2116 | 3429 |
| | 20 | 929 | 1452 | 2292 | 4883 | 1255 | 1638 | 2156 | 3429 |
| | 40 | 952 | 1483 | 2393 | 5646 | 1273 | 1658 | 2213 | 3753 |

TABLE 6.084 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5560500 Farm Creek at Farmdale

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 209 | 479 | 1017 | 2786 | 526 | 850 | 1324 | 2428 |
| Q7,10 | 10 | 209 | 479 | 1017 | 2786 | 526 | 850 | 1324 | 2428 |
| 1 | 5 | 425 | 567 | 1017 | 2786 | 794 | 939 | 1324 | 2428 |
| | 10 | 503 | 699 | 1134 | 2786 | 875 | 1061 | 1413 | 2428 |
| | 20 | 635 | 916 | 1419 | 2786 | 1004 | 1245 | 1615 | 2428 |
| | 40 | 769 | 1103 | 1796 | 4302 | 1123 | 1390 | 1861 | 3170 |
| 2 | 5 | 285 | 479 | 1017 | 2786 | 630 | 850 | 1324 | 2428 |
| | 10 | 332 | 516 | 1017 | 2786 | 687 | 888 | 1324 | 2428 |
| | 20 | 371 | 652 | 1136 | 2786 | 733 | 1019 | 1415 | 2428 |
| | 40 | 466 | 791 | 1385 | 3557 | 837 | 1142 | 1592 | 2819 |
| 3 | 5 | 555 | 681 | 1017 | 2786 | 927 | 1045 | 1324 | 2428 |
| | 10 | 676 | 935 | 1387 | 2786 | 1041 | 1260 | 1594 | 2428 |
| | 20 | 889 | 1188 | 1759 | 3198 | 1223 | 1453 | 1837 | 2641 |
| | 40 | 1068 | 1455 | 2423 | 4870 | 1363 | 1640 | 2230 | 3423 |
| 4 | 5 | 354 | 500 | 1017 | 2786 | 713 | 873 | 1324 | 2428 |
| | 10 | 413 | 597 | 1017 | 2786 | 780 | 967 | 1324 | 2428 |
| | 20 | 496 | 777 | 1267 | 2786 | 869 | 1129 | 1510 | 2428 |
| | 40 | 614 | 933 | 1562 | 3916 | 983 | 1258 | 1711 | 2991 |
| 5 | 5 | 254 | 479 | 1017 | 2786 | 590 | 850 | 1324 | 2428 |
| | 10 | 297 | 479 | 1017 | 2786 | 645 | 850 | 1324 | 2428 |
| | 20 | 333 | 592 | 1070 | 2786 | 689 | 963 | 1365 | 2428 |
| | 40 | 412 | 719 | 1308 | 3377 | 779 | 1079 | 1538 | 2731 |
| 6 | 5 | 313 | 479 | 1017 | 2786 | 665 | 850 | 1324 | 2428 |
| | 10 | 365 | 550 | 1017 | 2786 | 726 | 922 | 1324 | 2428 |
| | 20 | 419 | 704 | 1191 | 2786 | 787 | 1066 | 1455 | 2428 |
| | 40 | 526 | 851 | 1459 | 3707 | 898 | 1191 | 1642 | 2892 |
| 7 | 5 | 285 | 479 | 1017 | 2786 | 630 | 850 | 1324 | 2428 |
| | 10 | 332 | 516 | 1017 | 2786 | 687 | 888 | 1324 | 2428 |
| | 20 | 371 | 652 | 1136 | 2786 | 733 | 1019 | 1415 | 2428 |
| | 40 | 466 | 791 | 1385 | 3557 | 837 | 1142 | 1592 | 2819 |
| 8 | 5 | 359 | 506 | 1017 | 2786 | 720 | 878 | 1324 | 2428 |
| | 10 | 420 | 604 | 1017 | 2786 | 788 | 974 | 1324 | 2428 |
| | 20 | 507 | 787 | 1278 | 2786 | 880 | 1138 | 1517 | 2428 |
| | 40 | 626 | 944 | 1577 | 3946 | 995 | 1267 | 1721 | 3005 |

TABLE 6.085 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5562000 Farm Creek at East Peoria

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 354 | 758 | 1983 | 4612 | 713 | 1113 | 1975 | 3309 |
| Q7,10 | 10 | 354 | 758 | 1983 | 4612 | 713 | 1113 | 1975 | 3309 |
| 1 | 5 | 694 | 959 | 1983 | 4612 | 1057 | 1279 | 1975 | 3309 |
| | 10 | 897 | 1307 | 2289 | 4612 | 1229 | 1538 | 2154 | 3309 |
| | 20 | 1193 | 1787 | 2948 | 5540 | 1456 | 1855 | 2513 | 3709 |
| | 40 | 1522 | 2254 | 3533 | 6873 | 1685 | 2134 | 2808 | 4244 |
| 2 | 5 | 454 | 758 | 1983 | 4612 | 824 | 1113 | 1975 | 3309 |
| | 10 | 561 | 896 | 1983 | 4612 | 933 | 1229 | 1975 | 3309 |
| | 20 | 631 | 1192 | 2257 | 4734 | 999 | 1456 | 2136 | 3363 |
| | 40 | 760 | 1521 | 2775 | 5590 | 1115 | 1684 | 2422 | 3729 |
| 3 | 5 | 965 | 1306 | 2004 | 4612 | 1284 | 1537 | 1988 | 3309 |
| | 10 | 1317 | 1881 | 2954 | 5285 | 1545 | 1913 | 2516 | 3601 |
| | 20 | 1800 | 2502 | 3713 | 6412 | 1863 | 2274 | 2895 | 4063 |
| | 40 | 2268 | 3019 | 4359 | 8949 | 2142 | 2550 | 3196 | 5013 |
| 4 | 5 | 579 | 809 | 1983 | 4612 | 950 | 1157 | 1975 | 3309 |
| | 10 | 735 | 1060 | 1983 | 4612 | 1093 | 1357 | 1975 | 3309 |
| | 20 | 918 | 1460 | 2610 | 5128 | 1247 | 1643 | 2333 | 3534 |
| | 40 | 1161 | 1874 | 3139 | 6081 | 1433 | 1909 | 2611 | 3931 |
| 5 | 5 | 547 | 779 | 1983 | 4612 | 919 | 1132 | 1975 | 3309 |
| | 10 | 690 | 1018 | 1983 | 4612 | 1053 | 1325 | 1975 | 3309 |
| | 20 | 848 | 1397 | 2520 | 5027 | 1189 | 1600 | 2283 | 3491 |
| | 40 | 1058 | 1782 | 3038 | 5955 | 1356 | 1852 | 2560 | 3879 |
| 6 | 5 | 603 | 831 | 1983 | 4612 | 974 | 1175 | 1975 | 3309 |
| | 10 | 771 | 1094 | 2029 | 4612 | 1125 | 1383 | 2003 | 3309 |
| | 20 | 979 | 1518 | 2684 | 5211 | 1295 | 1682 | 2373 | 3570 |
| | 40 | 1242 | 1950 | 3221 | 6185 | 1492 | 1955 | 2653 | 3972 |
| 7 | 5 | 502 | 758 | 1983 | 4612 | 874 | 1113 | 1975 | 3309 |
| | 10 | 627 | 958 | 1983 | 4612 | 995 | 1279 | 1975 | 3309 |
| | 20 | 743 | 1298 | 2391 | 4883 | 1100 | 1531 | 2212 | 3429 |
| | 40 | 915 | 1652 | 2924 | 5776 | 1244 | 1769 | 2500 | 3806 |
| 8 | 5 | 594 | 824 | 1983 | 4612 | 965 | 1170 | 1975 | 3309 |
| | 10 | 758 | 1082 | 2008 | 4612 | 1113 | 1374 | 1990 | 3309 |
| | 20 | 957 | 1498 | 2658 | 5182 | 1277 | 1668 | 2359 | 3557 |
| | 40 | 1214 | 1923 | 3191 | 6148 | 1471 | 1939 | 2638 | 3958 |

TABLE 6.086 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5563000 Kickapoo Creek near Kickapoo

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 910 | 2174 | 5666 | 0 | 1240 | 2088 | 3761 |
| Q7,10 | 10 | 388 | 910 | 2174 | 5666 | 753 | 1240 | 2088 | 3761 |
| 1 | 5 | 749 | 1128 | 2174 | 5666 | 1105 | 1409 | 2088 | 3761 |
| | 10 | 1087 | 1664 | 2899 | 5843 | 1378 | 1777 | 2487 | 3834 |
| | 20 | 1356 | 2073 | 3496 | 7044 | 1572 | 2029 | 2790 | 4310 |
| | 40 | 1624 | 2445 | 4165 | 7998 | 1751 | 2242 | 3107 | 4669 |
| 2 | 5 | 431 | 910 | 2174 | 5666 | 800 | 1240 | 2088 | 3761 |
| | 10 | 559 | 1107 | 2188 | 5666 | 931 | 1393 | 2096 | 3761 |
| | 20 | 685 | 1382 | 2652 | 5976 | 1049 | 1590 | 2356 | 3888 |
| | 40 | 889 | 1653 | 3166 | 6823 | 1223 | 1770 | 2625 | 4225 |
| 3 | 5 | 1670 | 2303 | 3487 | 6105 | 1781 | 2162 | 2785 | 3940 |
| | 10 | 2387 | 3159 | 4580 | 7912 | 2210 | 2621 | 3295 | 4637 |
| | 20 | 2885 | 3832 | 5554 | 9381 | 2480 | 2952 | 3714 | 5164 |
| | 40 | 3455 | 4522 | 6366 | 11231 | 2769 | 3269 | 4045 | 5791 |
| 4 | 5 | 761 | 1149 | 2174 | 5666 | 1115 | 1424 | 2088 | 3761 |
| | 10 | 1106 | 1691 | 2928 | 5880 | 1392 | 1795 | 2502 | 3849 |
| | 20 | 1380 | 2103 | 3534 | 7085 | 1589 | 2047 | 2808 | 4326 |
| | 40 | 1651 | 2483 | 4205 | 8046 | 1769 | 2263 | 3125 | 4686 |
| 5 | 5 | 527 | 910 | 2174 | 5666 | 900 | 1240 | 2088 | 3761 |
| | 10 | 721 | 1262 | 2396 | 5666 | 1081 | 1506 | 2215 | 3761 |
| | 20 | 892 | 1581 | 2896 | 6302 | 1225 | 1723 | 2485 | 4019 |
| | 40 | 1115 | 1873 | 3468 | 7175 | 1399 | 1908 | 2776 | 4360 |
| 6 | 5 | 637 | 956 | 2174 | 5666 | 1005 | 1276 | 2088 | 3761 |
| | 10 | 902 | 1425 | 2629 | 5666 | 1233 | 1619 | 2343 | 3761 |
| | 20 | 1120 | 1797 | 3158 | 6655 | 1402 | 1861 | 2621 | 4159 |
| | 40 | 1366 | 2111 | 3792 | 7556 | 1579 | 2051 | 2932 | 4504 |
| 7 | 5 | 611 | 932 | 2174 | 5666 | 981 | 1258 | 2088 | 3761 |
| | 10 | 859 | 1389 | 2574 | 5666 | 1199 | 1594 | 2313 | 3761 |
| | 20 | 1066 | 1746 | 3095 | 6571 | 1362 | 1829 | 2589 | 4126 |
| | 40 | 1307 | 2054 | 3715 | 7466 | 1538 | 2018 | 2896 | 4470 |
| 8 | 5 | 777 | 1178 | 2174 | 5666 | 1129 | 1445 | 2088 | 3761 |
| | 10 | 1133 | 1730 | 2969 | 5932 | 1412 | 1819 | 2524 | 3870 |
| | 20 | 1415 | 2147 | 3587 | 7144 | 1613 | 2072 | 2834 | 4348 |
| | 40 | 1689 | 2527 | 4262 | 8114 | 1793 | 2288 | 3151 | 4711 |

TABLE 6.087 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5563500 Kickapoo Creek at Peoria

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1122 | 2274 | 5389 | 14239 | 1404 | 2146 | 3645 | 6743 |
| Q7,10 | 10 | 1122 | 2274 | 5389 | 14239 | 1404 | 2146 | 3645 | 6743 |
| 1 | 5 | 2021 | 3014 | 5389 | 14239 | 1998 | 2547 | 3645 | 6743 |
| | 10 | 2691 | 4079 | 7066 | 14894 | 2377 | 3067 | 4318 | 6942 |
| | 20 | 3381 | 5188 | 8914 | 17850 | 2733 | 3560 | 5000 | 7805 |
| | 40 | 4036 | 6094 | 10519 | 20275 | 3047 | 3936 | 5554 | 8479 |
| 2 | 5 | 1122 | 2274 | 5389 | 14239 | 1404 | 2146 | 3645 | 6743 |
| | 10 | 1410 | 2742 | 5389 | 14239 | 1609 | 2404 | 3645 | 6743 |
| | 20 | 1718 | 3447 | 6712 | 15211 | 1812 | 2766 | 4181 | 7037 |
| | 40 | 2234 | 4108 | 7967 | 17223 | 2122 | 3081 | 4657 | 7626 |
| 3 | 5 | 4534 | 6111 | 9098 | 16037 | 3275 | 3943 | 5065 | 7281 |
| | 10 | 6272 | 8447 | 12288 | 20819 | 4007 | 4833 | 6134 | 8627 |
| | 20 | 7952 | 10572 | 14972 | 24731 | 4652 | 5572 | 6965 | 9658 |
| | 40 | 9483 | 12206 | 16954 | 30262 | 5200 | 6108 | 7548 | 11034 |
| 4 | 5 | 2188 | 3236 | 5409 | 14239 | 2096 | 2660 | 3654 | 6743 |
| | 10 | 2923 | 4396 | 7472 | 15353 | 2500 | 3212 | 4473 | 7079 |
| | 20 | 3678 | 5588 | 9401 | 18362 | 2878 | 3729 | 5172 | 7949 |
| | 40 | 4367 | 6562 | 11015 | 20909 | 3200 | 4122 | 5720 | 8652 |
| 5 | 5 | 1280 | 2274 | 5389 | 14239 | 1519 | 2146 | 3645 | 6743 |
| | 10 | 1673 | 3001 | 5651 | 14239 | 1782 | 2541 | 3755 | 6743 |
| | 20 | 2060 | 3781 | 7148 | 15761 | 2021 | 2927 | 4350 | 7200 |
| | 40 | 2598 | 4479 | 8500 | 17844 | 2326 | 3250 | 4852 | 7803 |
| 6 | 5 | 1670 | 2592 | 5389 | 14239 | 1781 | 2323 | 3645 | 6743 |
| | 10 | 2208 | 3491 | 6293 | 14239 | 2108 | 2787 | 4016 | 6743 |
| | 20 | 2750 | 4428 | 7979 | 16815 | 2408 | 3227 | 4662 | 7508 |
| | 40 | 3350 | 5186 | 9516 | 19030 | 2717 | 3559 | 5212 | 8136 |
| 7 | 5 | 1611 | 2539 | 5389 | 14239 | 1743 | 2294 | 3645 | 6743 |
| | 10 | 2128 | 3417 | 6192 | 14239 | 2061 | 2750 | 3975 | 6743 |
| | 20 | 2646 | 4330 | 7852 | 16654 | 2353 | 3182 | 4615 | 7461 |
| | 40 | 3236 | 5078 | 9362 | 18849 | 2660 | 3513 | 5158 | 8086 |
| 8 | 5 | 2034 | 3031 | 5389 | 14239 | 2006 | 2556 | 3645 | 6743 |
| | 10 | 2709 | 4103 | 7097 | 14929 | 2387 | 3079 | 4330 | 6952 |
| | 20 | 3404 | 5219 | 8952 | 17889 | 2744 | 3573 | 5013 | 7816 |
| | 40 | 4061 | 6132 | 10557 | 20324 | 3059 | 3951 | 5567 | 8493 |

TABLE 6.088 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5567500 Mackinaw River near Congerville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 5602 | 11861 | 24503 | 52657 | 3734 | 5997 | 9599 | 15989 |
| Q7,10 | 10 | 5602 | 11861 | 24503 | 52657 | 3734 | 5997 | 9599 | 15989 |
| 1 | 5 | 6311 | 11861 | 24503 | 52657 | 4023 | 5997 | 9599 | 15989 |
| | 10 | 8622 | 14335 | 24503 | 52657 | 4896 | 6773 | 9599 | 15989 |
| | 20 | 9871 | 16421 | 28213 | 53491 | 5334 | 7394 | 10534 | 16160 |
| | 40 | 11189 | 18706 | 31443 | 61722 | 5778 | 8046 | 11318 | 17809 |
| 2 | 5 | 5602 | 11861 | 24503 | 52657 | 3734 | 5997 | 9599 | 15989 |
| | 10 | 6420 | 11861 | 24503 | 52657 | 4066 | 5997 | 9599 | 15989 |
| | 20 | 7416 | 13515 | 24874 | 52657 | 4452 | 6521 | 9694 | 15989 |
| | 40 | 8486 | 15369 | 27996 | 57202 | 4847 | 7084 | 10480 | 16912 |
| 3 | 5 | 9271 | 14353 | 24503 | 52657 | 5126 | 6778 | 9599 | 15989 |
| | 10 | 11964 | 17577 | 27977 | 52657 | 6030 | 7727 | 10475 | 15989 |
| | 20 | 13729 | 20262 | 32337 | 58012 | 6587 | 8476 | 11530 | 17074 |
| | 40 | 15615 | 23097 | 35695 | 67668 | 7157 | 9234 | 12314 | 18963 |
| 4 | 5 | 5802 | 11861 | 24503 | 52657 | 3817 | 5997 | 9599 | 15989 |
| | 10 | 7886 | 13478 | 24503 | 52657 | 4627 | 6509 | 9599 | 15989 |
| | 20 | 9053 | 15486 | 27087 | 52657 | 5049 | 7119 | 10254 | 15989 |
| | 40 | 10302 | 17563 | 30281 | 60195 | 5481 | 7723 | 11038 | 17508 |
| 5 | 5 | 5602 | 11861 | 24503 | 52657 | 3734 | 5997 | 9599 | 15989 |
| | 10 | 7421 | 12940 | 24503 | 52657 | 4454 | 6341 | 9599 | 15989 |
| | 20 | 8538 | 14862 | 26384 | 52657 | 4865 | 6932 | 10078 | 15989 |
| | 40 | 9730 | 16845 | 29555 | 59242 | 5286 | 7517 | 10862 | 17319 |
| 6 | 5 | 6285 | 11861 | 24503 | 52657 | 4013 | 5997 | 9599 | 15989 |
| | 10 | 8585 | 14292 | 24503 | 52657 | 4882 | 6760 | 9599 | 15989 |
| | 20 | 9830 | 16371 | 28157 | 53432 | 5320 | 7379 | 10520 | 16148 |
| | 40 | 11144 | 18649 | 31385 | 61645 | 5763 | 8030 | 11304 | 17794 |
| 7 | 5 | 5876 | 11861 | 24503 | 52657 | 3848 | 5997 | 9599 | 15989 |
| | 10 | 7994 | 13603 | 24503 | 52657 | 4667 | 6548 | 9599 | 15989 |
| | 20 | 9173 | 15632 | 27251 | 52657 | 5092 | 7162 | 10295 | 15989 |
| | 40 | 10410 | 17729 | 30450 | 60417 | 5518 | 7770 | 11079 | 17552 |
| 8 | 5 | 7029 | 12287 | 24503 | 52657 | 4304 | 6134 | 9599 | 15989 |
| | 10 | 9543 | 15325 | 25398 | 52657 | 5221 | 7071 | 9828 | 15989 |
| | 20 | 10893 | 17574 | 29518 | 54841 | 5680 | 7726 | 10854 | 16435 |
| | 40 | 12369 | 20024 | 32790 | 63496 | 6160 | 8411 | 11637 | 18157 |

TABLE 6.089 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5568000 Mackinaw River near Green Valley

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 7466 | 20233 | 50984 | 0 | 4470 | 8468 | 15643 |
| Q7,10 | 10 | 6371 | 11807 | 22375 | 50984 | 4047 | 5979 | 9044 | 15643 |
| 1 | 5 | 10283 | 15686 | 25983 | 50984 | 5475 | 7178 | 9977 | 15643 |
| | 10 | 15928 | 22450 | 35437 | 64973 | 7249 | 9064 | 12254 | 18444 |
| | 20 | 20011 | 28221 | 43019 | 75687 | 8407 | 10536 | 13952 | 20475 |
| | 40 | 23827 | 32928 | 48393 | 84709 | 9425 | 11670 | 15102 | 22125 |
| 2 | 5 | 4709 | 7659 | 20233 | 50984 | 3352 | 4543 | 8468 | 15643 |
| | 10 | 7237 | 12588 | 23356 | 50984 | 4384 | 6230 | 9302 | 15643 |
| | 20 | 9201 | 15799 | 29359 | 59787 | 5101 | 7211 | 10815 | 17428 |
| | 40 | 11817 | 19269 | 34178 | 66717 | 5983 | 8203 | 11962 | 18780 |
| 3 | 5 | 14429 | 20237 | 31373 | 57007 | 6801 | 8469 | 11301 | 16873 |
| | 10 | 20909 | 28207 | 41546 | 72002 | 8652 | 10532 | 13629 | 19786 |
| | 20 | 26286 | 35011 | 50110 | 84116 | 10053 | 12156 | 15461 | 22018 |
| | 40 | 30803 | 40102 | 56061 | 95303 | 11164 | 13310 | 16682 | 24002 |
| 4 | 5 | 5873 | 9445 | 20233 | 50984 | 3846 | 5187 | 8468 | 15643 |
| | 10 | 9321 | 14928 | 26223 | 53970 | 5144 | 6952 | 10038 | 16258 |
| | 20 | 11762 | 18759 | 32738 | 63611 | 5965 | 8061 | 11625 | 18179 |
| | 40 | 14721 | 22450 | 37746 | 71014 | 6890 | 9064 | 12781 | 19600 |
| 5 | 5 | 7343 | 12287 | 21940 | 50984 | 4424 | 6134 | 8928 | 15643 |
| | 10 | 12013 | 18344 | 30344 | 58874 | 6046 | 7944 | 11054 | 17246 |
| | 20 | 15079 | 22969 | 37463 | 68983 | 6997 | 9200 | 12717 | 19214 |
| | 40 | 18464 | 27159 | 42641 | 77113 | 7978 | 10272 | 13869 | 20739 |
| 6 | 5 | 9164 | 14644 | 24746 | 50984 | 5089 | 6866 | 9662 | 15643 |
| | 10 | 14595 | 21171 | 33876 | 63100 | 6851 | 8722 | 11892 | 18079 |
| | 20 | 18343 | 26615 | 41521 | 73625 | 7944 | 10136 | 13624 | 20091 |
| | 40 | 21993 | 31164 | 46532 | 82375 | 8942 | 11251 | 14708 | 21703 |
| 7 | 5 | 7201 | 12015 | 21621 | 50984 | 4370 | 6047 | 8843 | 15643 |
| | 10 | 11756 | 18014 | 29943 | 58396 | 5963 | 7851 | 10957 | 17151 |
| | 20 | 14756 | 22554 | 37003 | 68459 | 6900 | 9091 | 12613 | 19114 |
| | 40 | 18103 | 26703 | 42165 | 76518 | 7877 | 10158 | 13765 | 20629 |
| 8 | 5 | 9133 | 14615 | 24712 | 50984 | 5078 | 6857 | 9653 | 15643 |
| | 10 | 14558 | 21136 | 33833 | 63048 | 6840 | 8713 | 11882 | 18069 |
| | 20 | 18297 | 26571 | 41471 | 73569 | 7931 | 10125 | 13613 | 20080 |
| | 40 | 21942 | 31115 | 46480 | 82311 | 8929 | 11239 | 14697 | 21691 |

TABLE 6.091 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5568800 Indian Creek near Wyoming

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 505 | 1281 | 3195 | 0 | 877 | 1519 | 2640 |
| Q7,10 | 10 | 199 | 505 | 1281 | 3195 | 512 | 877 | 1519 | 2640 |
| 1 | 5 | 1158 | 1584 | 2297 | 3879 | 1431 | 1725 | 2159 | 2974 |
| | 10 | 1631 | 2109 | 2968 | 4882 | 1756 | 2050 | 2523 | 3428 |
| | 20 | 1971 | 2547 | 3508 | 5741 | 1968 | 2299 | 2796 | 3792 |
| | 40 | 2281 | 2877 | 3928 | 6785 | 2150 | 2476 | 2997 | 4210 |
| 2 | 5 | 503 | 771 | 1354 | 3195 | 875 | 1124 | 1571 | 2640 |
| | 10 | 716 | 1102 | 1854 | 3600 | 1076 | 1389 | 1896 | 2840 |
| | 20 | 918 | 1375 | 2240 | 4232 | 1246 | 1585 | 2126 | 3138 |
| | 40 | 1076 | 1595 | 2559 | 4715 | 1369 | 1732 | 2305 | 3355 |
| 3 | 5 | 1907 | 2338 | 3118 | 4828 | 1929 | 2182 | 2601 | 3404 |
| | 10 | 2484 | 3020 | 3956 | 5987 | 2264 | 2550 | 3010 | 3893 |
| | 20 | 2964 | 3565 | 4650 | 7000 | 2521 | 2823 | 3326 | 4293 |
| | 40 | 3317 | 3991 | 5174 | 8945 | 2701 | 3026 | 3554 | 5011 |
| 4 | 5 | 731 | 1046 | 1727 | 3240 | 1090 | 1347 | 1817 | 2662 |
| | 10 | 1046 | 1485 | 2269 | 4093 | 1346 | 1660 | 2143 | 3074 |
| | 20 | 1319 | 1805 | 2740 | 4805 | 1546 | 1866 | 2403 | 3394 |
| | 40 | 1523 | 2094 | 3052 | 5352 | 1685 | 2041 | 2567 | 3630 |
| 5 | 5 | 439 | 667 | 1281 | 3195 | 809 | 1033 | 1519 | 2640 |
| | 10 | 617 | 957 | 1701 | 3419 | 986 | 1277 | 1801 | 2752 |
| | 20 | 786 | 1221 | 2055 | 4012 | 1137 | 1477 | 2018 | 3036 |
| | 40 | 930 | 1415 | 2368 | 4482 | 1256 | 1612 | 2199 | 3251 |
| 6 | 5 | 617 | 938 | 1581 | 3195 | 987 | 1263 | 1723 | 2640 |
| | 10 | 887 | 1333 | 2106 | 3899 | 1222 | 1556 | 2048 | 2983 |
| | 20 | 1145 | 1637 | 2544 | 4586 | 1421 | 1760 | 2297 | 3298 |
| | 40 | 1326 | 1899 | 2874 | 5102 | 1551 | 1924 | 2474 | 3523 |
| 7 | 5 | 466 | 711 | 1281 | 3195 | 837 | 1072 | 1519 | 2640 |
| | 10 | 658 | 1018 | 1765 | 3494 | 1025 | 1325 | 1841 | 2789 |
| | 20 | 840 | 1288 | 2132 | 4104 | 1183 | 1524 | 2064 | 3079 |
| | 40 | 991 | 1487 | 2448 | 4579 | 1304 | 1661 | 2244 | 3295 |
| 8 | 5 | 711 | 1027 | 1701 | 3209 | 1072 | 1332 | 1801 | 2647 |
| | 10 | 1018 | 1458 | 2240 | 4058 | 1325 | 1641 | 2126 | 3058 |
| | 20 | 1288 | 1775 | 2705 | 4765 | 1524 | 1847 | 2385 | 3377 |
| | 40 | 1487 | 2060 | 3016 | 5307 | 1661 | 2021 | 2548 | 3611 |

TABLE 6.092 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5569500 Spoon River at London Mills

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 9575 | 26470 | 66237 | 0 | 5232 | 10100 | 18688 |
| Q7,10 | 10 | 4160 | 9575 | 26470 | 66237 | 3105 | 5232 | 10100 | 18688 |
| 1 | 5 | 10689 | 17414 | 30325 | 66237 | 5611 | 7680 | 11049 | 18688 |
| | 10 | 15649 | 24785 | 41381 | 77577 | 7167 | 9672 | 13593 | 20825 |
| | 20 | 20531 | 31071 | 49527 | 89826 | 8549 | 11229 | 15340 | 23039 |
| | 40 | 24489 | 36068 | 55689 | 100027 | 9595 | 12399 | 16607 | 24821 |
| 2 | 5 | 5224 | 9724 | 26470 | 66237 | 3575 | 5284 | 10100 | 18688 |
| | 10 | 7396 | 14219 | 28955 | 66237 | 4444 | 6737 | 10716 | 18688 |
| | 20 | 10439 | 18698 | 35673 | 74058 | 5528 | 8044 | 12309 | 20172 |
| | 40 | 12118 | 22243 | 41262 | 82642 | 6080 | 9009 | 13567 | 21751 |
| 3 | 5 | 22659 | 31099 | 46048 | 78694 | 9119 | 11235 | 14605 | 21031 |
| | 10 | 31794 | 42320 | 59796 | 98030 | 11401 | 13799 | 17429 | 24476 |
| | 20 | 39120 | 50542 | 69819 | 111911 | 13091 | 15551 | 19373 | 26837 |
| | 40 | 45013 | 56779 | 78077 | 128465 | 14383 | 16827 | 20917 | 29554 |
| 4 | 5 | 9217 | 14858 | 27423 | 66237 | 5107 | 6931 | 10338 | 18688 |
| | 10 | 13448 | 21356 | 37665 | 73516 | 6500 | 8772 | 12763 | 20070 |
| | 20 | 17738 | 27166 | 45517 | 85222 | 7773 | 10274 | 14491 | 22217 |
| | 40 | 21149 | 31997 | 51903 | 94888 | 8716 | 11450 | 15833 | 23930 |
| 5 | 5 | 7155 | 11408 | 26470 | 66237 | 4352 | 5849 | 10100 | 18688 |
| | 10 | 10324 | 16776 | 32635 | 68042 | 5489 | 7497 | 11601 | 19035 |
| | 20 | 13926 | 21867 | 40084 | 79031 | 6648 | 8909 | 13306 | 21093 |
| | 40 | 16411 | 26218 | 46062 | 87982 | 7391 | 10036 | 14608 | 22711 |
| 6 | 5 | 9427 | 15224 | 27859 | 66237 | 5181 | 7040 | 10446 | 18688 |
| | 10 | 13768 | 21846 | 38192 | 74091 | 6599 | 8903 | 12882 | 20178 |
| | 20 | 18136 | 27722 | 46086 | 85873 | 7886 | 10412 | 14613 | 22334 |
| | 40 | 21555 | 32418 | 52513 | 95615 | 8825 | 11549 | 15959 | 24056 |
| 7 | 5 | 8188 | 13082 | 26470 | 66237 | 4738 | 6386 | 10100 | 18688 |
| | 10 | 11864 | 19013 | 35075 | 70701 | 5998 | 8132 | 12171 | 19540 |
| | 20 | 15772 | 24420 | 42727 | 82034 | 7203 | 9578 | 13888 | 21641 |
| | 40 | 18753 | 29015 | 48906 | 91326 | 8059 | 10731 | 15210 | 23304 |
| 8 | 5 | 10845 | 17684 | 30652 | 66237 | 5663 | 7758 | 11128 | 18688 |
| | 10 | 15887 | 25148 | 41777 | 78011 | 7237 | 9765 | 13680 | 20905 |
| | 20 | 20828 | 31314 | 49955 | 90319 | 8630 | 11287 | 15429 | 23126 |
| | 40 | 24852 | 36521 | 56149 | 100577 | 9689 | 12503 | 16700 | 24916 |

TABLE 6.093 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5570000 Spoon River at Seville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 0 | 13028 | 37837 | 96824 | 0 | 6369 | 12802 | 24267 |
| Q7,10 | 10 | 6873 | 14142 | 37837 | 96824 | 4244 | 6714 | 12802 | 24267 |
| 1 | 5 | 16989 | 26566 | 46122 | 96824 | 7558 | 10124 | 14621 | 24267 |
| | 10 | 24341 | 38010 | 62653 | 117610 | 9557 | 12841 | 17992 | 27783 |
| | 20 | 32823 | 48572 | 75672 | 138498 | 11645 | 15140 | 20472 | 31155 |
| | 40 | 39748 | 56623 | 86337 | 156011 | 13231 | 16795 | 22417 | 33882 |
| 2 | 5 | 8792 | 14436 | 37837 | 96824 | 4957 | 6803 | 12802 | 24267 |
| | 10 | 12111 | 20586 | 41730 | 96824 | 6078 | 8564 | 13670 | 24267 |
| | 20 | 15996 | 27943 | 52562 | 110733 | 7269 | 10467 | 15969 | 26640 |
| | 40 | 19277 | 33891 | 61271 | 124835 | 8205 | 11895 | 17721 | 28966 |
| 3 | 5 | 40903 | 53400 | 75917 | 126777 | 13487 | 16141 | 20518 | 29281 |
| | 10 | 56325 | 71829 | 98207 | 158616 | 16735 | 19753 | 24507 | 34280 |
| | 20 | 68826 | 84901 | 116695 | 184167 | 19184 | 22159 | 27632 | 38108 |
| | 40 | 79433 | 97542 | 131186 | 206015 | 21166 | 24392 | 29991 | 41275 |
| 4 | 5 | 15135 | 24166 | 42849 | 96824 | 7014 | 9512 | 13914 | 24267 |
| | 10 | 21646 | 34555 | 58662 | 113001 | 8850 | 12050 | 17204 | 27019 |
| | 20 | 29460 | 44620 | 71352 | 133309 | 10839 | 14298 | 19663 | 30331 |
| | 40 | 35737 | 52306 | 82276 | 150122 | 12323 | 15917 | 21685 | 32974 |
| 5 | 5 | 10231 | 15728 | 37837 | 96824 | 5457 | 7190 | 12802 | 24267 |
| | 10 | 14246 | 22548 | 44918 | 96969 | 6745 | 9089 | 14363 | 24292 |
| | 20 | 19033 | 30751 | 56212 | 115275 | 8137 | 11152 | 16713 | 27397 |
| | 40 | 23010 | 37309 | 65253 | 129625 | 9211 | 12682 | 18498 | 29740 |
| 6 | 5 | 13527 | 21382 | 38951 | 96824 | 6524 | 8779 | 13053 | 24267 |
| | 10 | 19214 | 30595 | 53984 | 107626 | 8187 | 11114 | 16260 | 26117 |
| | 20 | 25981 | 39964 | 66297 | 127265 | 9976 | 13279 | 18700 | 29360 |
| | 40 | 31631 | 47515 | 76587 | 143247 | 11362 | 14917 | 20642 | 31903 |
| 7 | 5 | 11600 | 17945 | 37837 | 96824 | 5912 | 7832 | 12802 | 24267 |
| | 10 | 16320 | 25696 | 48407 | 101263 | 7364 | 9904 | 15105 | 25034 |
| | 20 | 21920 | 34367 | 60285 | 120122 | 8923 | 12007 | 17526 | 28197 |
| | 40 | 26551 | 41426 | 69819 | 135102 | 10120 | 13603 | 19373 | 30617 |
| 8 | 5 | 15222 | 24319 | 43057 | 96824 | 7040 | 9552 | 13960 | 24267 |
| | 10 | 21778 | 34775 | 58915 | 113293 | 8885 | 12101 | 17254 | 27068 |
| | 20 | 29649 | 44872 | 71626 | 133638 | 10885 | 14353 | 19715 | 30383 |
| | 40 | 35967 | 52581 | 82585 | 150495 | 12376 | 15973 | 21741 | 33032 |

TABLE 6.094 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5571000 Sangamon River at Mahomet

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 2791 | 6828 | 14216 | 30281 | 2430 | 4226 | 6736 | 11038 |
| Q7,10 | 10 | 2791 | 6828 | 14216 | 30281 | 2430 | 4226 | 6736 | 11038 |
| 1 | 5 | 4220 | 7120 | 14216 | 30281 | 3133 | 4339 | 6736 | 11038 |
| | 10 | 5449 | 8886 | 15035 | 30281 | 3671 | 4990 | 6984 | 11038 |
| | 20 | 6349 | 10391 | 17424 | 32785 | 4038 | 5511 | 7683 | 11636 |
| | 40 | 7309 | 11789 | 19341 | 36057 | 4411 | 5974 | 8223 | 12397 |
| 2 | 5 | 2935 | 6828 | 14216 | 30281 | 2506 | 4226 | 6736 | 11038 |
| | 10 | 3798 | 7037 | 14216 | 30281 | 2935 | 4307 | 6736 | 11038 |
| | 20 | 4440 | 8177 | 15085 | 30281 | 3232 | 4734 | 6999 | 11038 |
| | 40 | 5086 | 9337 | 16729 | 33181 | 3516 | 5149 | 7483 | 11729 |
| 3 | 5 | 5158 | 7968 | 14216 | 30281 | 3547 | 4658 | 6736 | 11038 |
| | 10 | 6575 | 9944 | 16114 | 30281 | 4128 | 5359 | 7304 | 11038 |
| | 20 | 7668 | 11627 | 18827 | 34268 | 4546 | 5921 | 8080 | 11983 |
| | 40 | 8734 | 13157 | 20826 | 37698 | 4936 | 6409 | 8629 | 12771 |
| 4 | 5 | 3283 | 6828 | 14216 | 30281 | 2684 | 4226 | 6736 | 11038 |
| | 10 | 4270 | 7583 | 14216 | 30281 | 3155 | 4514 | 6736 | 11038 |
| | 20 | 4973 | 8823 | 15795 | 30935 | 3468 | 4968 | 7210 | 11196 |
| | 40 | 5700 | 10053 | 17483 | 34009 | 3775 | 5397 | 7700 | 11923 |
| 5 | 5 | 2965 | 6828 | 14216 | 30281 | 2522 | 4226 | 6736 | 11038 |
| | 10 | 3840 | 7084 | 14216 | 30281 | 2955 | 4326 | 6736 | 11038 |
| | 20 | 4487 | 8234 | 15147 | 30281 | 3254 | 4755 | 7018 | 11038 |
| | 40 | 5141 | 9400 | 16795 | 33253 | 3540 | 5171 | 7502 | 11746 |
| 6 | 5 | 3611 | 6828 | 14216 | 30281 | 2846 | 4226 | 6736 | 11038 |
| | 10 | 4709 | 8077 | 14216 | 30281 | 3352 | 4698 | 6736 | 11038 |
| | 20 | 5471 | 9447 | 16360 | 31663 | 3680 | 5188 | 7376 | 11370 |
| | 40 | 6303 | 10745 | 18215 | 34815 | 4020 | 5630 | 7908 | 12110 |
| 7 | 5 | 3351 | 6828 | 14216 | 30281 | 2718 | 4226 | 6736 | 11038 |
| | 10 | 4360 | 7690 | 14216 | 30281 | 3196 | 4555 | 6736 | 11038 |
| | 20 | 5077 | 8951 | 15809 | 31083 | 3513 | 5013 | 7214 | 11231 |
| | 40 | 5823 | 10195 | 17632 | 34173 | 3826 | 5445 | 7743 | 11961 |
| 8 | 5 | 4320 | 7211 | 14216 | 30281 | 3178 | 4374 | 6736 | 11038 |
| | 10 | 5567 | 8996 | 15159 | 30281 | 3720 | 5029 | 7021 | 11038 |
| | 20 | 6487 | 10519 | 17569 | 32938 | 4093 | 5554 | 7725 | 11672 |
| | 40 | 7461 | 11931 | 19495 | 36226 | 4469 | 6020 | 8265 | 12436 |

TABLE 6.095 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5572000 Sangamon River at Monticello

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 3698 | 9065 | 19598 | 42374 | 2887 | 5053 | 8294 | 13811 |
| Q7,10 | 10 | 3698 | 9065 | 19598 | 42374 | 2887 | 5053 | 8294 | 13811 |
| 1 | 5 | 5661 | 9889 | 19598 | 42374 | 3759 | 5340 | 8294 | 13811 |
| | 10 | 8088 | 12836 | 21622 | 42374 | 4702 | 6308 | 8843 | 13811 |
| | 20 | 9212 | 14882 | 24978 | 47862 | 5105 | 6938 | 9721 | 14990 |
| | 40 | 10757 | 17062 | 27965 | 51970 | 5634 | 7579 | 10472 | 15847 |
| 2 | 5 | 3775 | 9065 | 19598 | 42374 | 2924 | 5053 | 8294 | 13811 |
| | 10 | 5322 | 9910 | 19598 | 42374 | 3617 | 5347 | 8294 | 13811 |
| | 20 | 6107 | 11393 | 21190 | 43578 | 3941 | 5844 | 8728 | 14073 |
| | 40 | 7162 | 13114 | 23913 | 47191 | 4355 | 6396 | 9447 | 14848 |
| 3 | 5 | 8173 | 12314 | 19941 | 42374 | 4733 | 6143 | 8388 | 13811 |
| | 10 | 10927 | 15724 | 24722 | 45646 | 5691 | 7189 | 9656 | 14519 |
| | 20 | 12567 | 18272 | 28793 | 51894 | 6223 | 7924 | 10676 | 15832 |
| | 40 | 14468 | 20803 | 31951 | 56386 | 6813 | 8623 | 11439 | 16748 |
| 4 | 5 | 4345 | 9065 | 19598 | 42374 | 3189 | 5053 | 8294 | 13811 |
| | 10 | 6502 | 11307 | 19822 | 42374 | 4099 | 5816 | 8355 | 13811 |
| | 20 | 7361 | 13016 | 23051 | 45581 | 4431 | 6365 | 9222 | 14505 |
| | 40 | 8658 | 14971 | 25707 | 49426 | 4909 | 6965 | 9907 | 15319 |
| 5 | 5 | 4152 | 9065 | 19598 | 42374 | 3101 | 5053 | 8294 | 13811 |
| | 10 | 6106 | 10837 | 19598 | 42374 | 3941 | 5661 | 8294 | 13811 |
| | 20 | 6944 | 12458 | 22426 | 44906 | 4271 | 6189 | 9057 | 14360 |
| | 40 | 8151 | 14348 | 25037 | 48673 | 4725 | 6777 | 9736 | 15161 |
| 6 | 5 | 4982 | 9267 | 19598 | 42374 | 3471 | 5125 | 8294 | 13811 |
| | 10 | 7347 | 12124 | 20810 | 42374 | 4426 | 6082 | 8625 | 13811 |
| | 20 | 8305 | 14042 | 24023 | 46830 | 4781 | 6683 | 9475 | 14771 |
| | 40 | 9757 | 16119 | 26945 | 50820 | 5295 | 7305 | 10219 | 15609 |
| 7 | 5 | 4463 | 9065 | 19598 | 42374 | 3243 | 5053 | 8294 | 13811 |
| | 10 | 6746 | 11596 | 20152 | 42374 | 4194 | 5911 | 8446 | 13811 |
| | 20 | 7617 | 13359 | 23438 | 45997 | 4527 | 6472 | 9323 | 14594 |
| | 40 | 8970 | 15355 | 26120 | 49891 | 5020 | 7080 | 10012 | 15416 |
| 8 | 5 | 6229 | 10409 | 19598 | 42374 | 3990 | 5518 | 8294 | 13811 |
| | 10 | 8721 | 13433 | 22305 | 42686 | 4931 | 6495 | 9025 | 13879 |
| | 20 | 9968 | 15588 | 25782 | 48732 | 5367 | 7149 | 9926 | 15173 |
| | 40 | 11591 | 17854 | 28824 | 52940 | 5910 | 7806 | 10684 | 16047 |

TABLE 6.096 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5574500 Flat Branch near Taylorville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| Q7,10 | 10 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| 1 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6622 | 9327 | 14939 | 38564 | 4146 | 5146 | 6955 | 12966 |
| | 20 | 7305 | 10217 | 15348 | 38564 | 4409 | 5452 | 7078 | 12966 |
| | 40 | 8085 | 11429 | 19064 | 41914 | 4701 | 5856 | 8146 | 13710 |
| 2 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 20 | 6503 | 9327 | 14939 | 38564 | 4099 | 5146 | 6955 | 12966 |
| | 40 | 7148 | 10388 | 16932 | 39707 | 4350 | 5510 | 7542 | 13222 |
| 3 | 5 | 7368 | 9395 | 14939 | 38564 | 4434 | 5169 | 6955 | 12966 |
| | 10 | 8481 | 10958 | 15419 | 38564 | 4845 | 5701 | 7099 | 12966 |
| | 20 | 9526 | 12676 | 17861 | 38564 | 5215 | 6258 | 7808 | 12966 |
| | 40 | 10676 | 14113 | 24807 | 47792 | 5607 | 6705 | 9677 | 14975 |
| 4 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6825 | 9327 | 14939 | 38564 | 4225 | 5146 | 6955 | 12966 |
| | 20 | 7548 | 10518 | 15654 | 38564 | 4501 | 5554 | 7168 | 12966 |
| | 40 | 8387 | 11757 | 19783 | 42612 | 4811 | 5963 | 8345 | 13863 |
| 5 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 20 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 40 | 6750 | 9945 | 16073 | 39843 | 4196 | 5359 | 7292 | 13252 |
| 6 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6396 | 9327 | 14939 | 38564 | 4057 | 5146 | 6955 | 12966 |
| | 20 | 7031 | 9882 | 15009 | 38564 | 4305 | 5338 | 6976 | 12966 |
| | 40 | 7749 | 11064 | 18295 | 41139 | 4577 | 5736 | 7931 | 13539 |
| 7 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 20 | 6633 | 9414 | 14939 | 38564 | 4151 | 5176 | 6955 | 12966 |
| | 40 | 7297 | 10555 | 17258 | 40059 | 4407 | 5566 | 7636 | 13300 |
| 8 | 5 | 6214 | 9327 | 14939 | 38564 | 3984 | 5146 | 6955 | 12966 |
| | 10 | 6760 | 9327 | 14939 | 38564 | 4200 | 5146 | 6955 | 12966 |
| | 20 | 7470 | 10421 | 15556 | 38564 | 4472 | 5522 | 7139 | 12966 |
| | 40 | 8290 | 11651 | 19552 | 42388 | 4776 | 5929 | 8281 | 13814 |

TABLE 6.097 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5575500 South Fork Sangamon River at Kincaid

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 9121 | 14173 | 23693 | 49719 | 5073 | 6723 | 9390 | 15380 |
| Q7,10 | 10 | 9121 | 14173 | 23693 | 49719 | 5073 | 6723 | 9390 | 15380 |
| 1 | 5 | 10017 | 14173 | 23693 | 49719 | 5384 | 6723 | 9390 | 15380 |
| | 10 | 11620 | 15929 | 23961 | 49719 | 5919 | 7250 | 9459 | 15380 |
| | 20 | 13180 | 18482 | 27499 | 49719 | 6416 | 7983 | 10357 | 15380 |
| | 40 | 14863 | 20596 | 30533 | 64112 | 6932 | 8567 | 11099 | 18277 |
| 2 | 5 | 9121 | 14173 | 23693 | 49719 | 5073 | 6723 | 9390 | 15380 |
| | 10 | 9688 | 14173 | 23693 | 49719 | 5271 | 6723 | 9390 | 15380 |
| | 20 | 10788 | 15514 | 24546 | 49719 | 5645 | 7127 | 9610 | 15380 |
| | 40 | 12071 | 17392 | 27018 | 56949 | 6065 | 7674 | 10237 | 16861 |
| 3 | 5 | 12443 | 15676 | 23693 | 49719 | 6184 | 7175 | 9390 | 15380 |
| | 10 | 15156 | 19651 | 27955 | 49719 | 7020 | 8308 | 10470 | 15380 |
| | 20 | 17532 | 22887 | 32155 | 52895 | 7714 | 9179 | 11487 | 16038 |
| | 40 | 19568 | 25406 | 36176 | 72763 | 8285 | 9831 | 12424 | 19929 |
| 4 | 5 | 9598 | 14173 | 23693 | 49719 | 5240 | 6723 | 9390 | 15380 |
| | 10 | 10988 | 15295 | 23693 | 49719 | 5711 | 7062 | 9390 | 15380 |
| | 20 | 12410 | 17703 | 26657 | 49719 | 6173 | 7763 | 10147 | 15380 |
| | 40 | 14027 | 19753 | 29605 | 62216 | 6678 | 8336 | 10875 | 17906 |
| 5 | 5 | 9121 | 14173 | 23693 | 49719 | 5073 | 6723 | 9390 | 15380 |
| | 10 | 9200 | 14173 | 23693 | 49719 | 5101 | 6723 | 9390 | 15380 |
| | 20 | 10207 | 14780 | 23693 | 49719 | 5449 | 6907 | 9390 | 15380 |
| | 40 | 11277 | 16514 | 26290 | 55011 | 5806 | 7421 | 10054 | 16470 |
| 6 | 5 | 9152 | 14173 | 23693 | 49719 | 5084 | 6723 | 9390 | 15380 |
| | 10 | 10284 | 14391 | 23693 | 49719 | 5475 | 6790 | 9390 | 15380 |
| | 20 | 11527 | 16497 | 25586 | 49719 | 5889 | 7416 | 9876 | 15380 |
| | 40 | 12986 | 18450 | 28175 | 59301 | 6356 | 7974 | 10524 | 17331 |
| 7 | 5 | 9121 | 14173 | 23693 | 49719 | 5073 | 6723 | 9390 | 15380 |
| | 10 | 9575 | 14173 | 23693 | 49719 | 5232 | 6723 | 9390 | 15380 |
| | 20 | 10684 | 15327 | 24349 | 49719 | 5610 | 7071 | 9559 | 15380 |
| | 40 | 11889 | 17190 | 26798 | 56503 | 6006 | 7616 | 10182 | 16771 |
| 8 | 5 | 9443 | 14173 | 23693 | 49719 | 5186 | 6723 | 9390 | 15380 |
| | 10 | 10730 | 15032 | 23693 | 49719 | 5625 | 6983 | 9390 | 15380 |
| | 20 | 12104 | 17285 | 26207 | 49719 | 6075 | 7644 | 10033 | 15380 |
| | 40 | 13667 | 19301 | 29109 | 61203 | 6568 | 8212 | 10754 | 17707 |

TABLE 6.098 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5576000 South Fork Sangamon River near Rochester

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 15314 | 24121 | 40365 | 92169 | 7067 | 9501 | 13368 | 23453 |
| Q7,10 | 10 | 15314 | 24121 | 40365 | 92169 | 7067 | 9501 | 13368 | 23453 |
| 1 | 5 | 15978 | 24121 | 40365 | 92169 | 7264 | 9501 | 13368 | 23453 |
| | 10 | 18785 | 25753 | 40365 | 92169 | 8068 | 9919 | 13368 | 23453 |
| | 20 | 21587 | 30382 | 45222 | 92169 | 8834 | 11063 | 14428 | 23453 |
| | 40 | 24063 | 33889 | 50635 | 112947 | 9486 | 11895 | 15571 | 27010 |
| 2 | 5 | 15314 | 24121 | 40365 | 92169 | 7067 | 9501 | 13368 | 23453 |
| | 10 | 16186 | 24121 | 40365 | 92169 | 7325 | 9501 | 13368 | 23453 |
| | 20 | 18068 | 26003 | 40900 | 92169 | 7866 | 9982 | 13487 | 23453 |
| | 40 | 19896 | 29010 | 45353 | 102593 | 8376 | 10730 | 14456 | 25261 |
| 3 | 5 | 22907 | 28951 | 40365 | 92169 | 9184 | 10715 | 13368 | 23453 |
| | 10 | 27975 | 35919 | 50113 | 92169 | 10475 | 12365 | 15462 | 23453 |
| | 20 | 33196 | 41999 | 57840 | 95789 | 11733 | 13729 | 17040 | 24087 |
| | 40 | 37020 | 46997 | 70592 | 137877 | 12617 | 14807 | 19520 | 31057 |
| 4 | 5 | 16807 | 24121 | 40365 | 92169 | 7506 | 9501 | 13368 | 23453 |
| | 10 | 19974 | 26891 | 40365 | 92169 | 8397 | 10205 | 13368 | 23453 |
| | 20 | 23083 | 31824 | 46768 | 92169 | 9230 | 11408 | 14758 | 23453 |
| | 40 | 25613 | 35493 | 52382 | 113691 | 9883 | 12267 | 15932 | 27134 |
| 5 | 5 | 15314 | 24121 | 40365 | 92169 | 7067 | 9501 | 13368 | 23453 |
| | 10 | 16153 | 24121 | 40365 | 92169 | 7315 | 9501 | 13368 | 23453 |
| | 20 | 18022 | 25949 | 40843 | 92169 | 7854 | 9968 | 13474 | 23453 |
| | 40 | 19840 | 28949 | 45287 | 102464 | 8360 | 10715 | 14442 | 25239 |
| 6 | 5 | 15578 | 24121 | 40365 | 92169 | 7146 | 9501 | 13368 | 23453 |
| | 10 | 18202 | 24994 | 40365 | 92169 | 7904 | 9725 | 13368 | 23453 |
| | 20 | 20819 | 29420 | 44193 | 92169 | 8627 | 10830 | 14206 | 23453 |
| | 40 | 23160 | 32820 | 49474 | 110664 | 9250 | 11644 | 15329 | 26628 |
| 7 | 5 | 15314 | 24121 | 40365 | 92169 | 7067 | 9501 | 13368 | 23453 |
| | 10 | 16840 | 24121 | 40365 | 92169 | 7515 | 9501 | 13368 | 23453 |
| | 20 | 19023 | 27186 | 41802 | 92169 | 8134 | 10279 | 13685 | 23453 |
| | 40 | 21035 | 30328 | 46775 | 105373 | 8686 | 11050 | 14760 | 25735 |
| 8 | 5 | 16572 | 24121 | 40365 | 92169 | 7438 | 9501 | 13368 | 23453 |
| | 10 | 19663 | 26597 | 40365 | 92169 | 8312 | 10132 | 13368 | 23453 |
| | 20 | 22693 | 31451 | 46368 | 92169 | 9128 | 11319 | 14673 | 23453 |
| | 40 | 25176 | 35078 | 51929 | 112800 | 9772 | 12171 | 15839 | 26985 |

TABLE 6.099 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5576500 Sangamon River at Riverton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 42712 | 65286 | 107591 | 204358 | 13885 | 18504 | 26111 | 41038 |
| Q7,10 | 10 | 47094 | 65286 | 107591 | 204358 | 14827 | 18504 | 26111 | 41038 |
| 1 | 5 | 48220 | 65286 | 107591 | 204358 | 15066 | 18504 | 26111 | 41038 |
| | 10 | 55926 | 75175 | 111735 | 204358 | 16655 | 20380 | 26808 | 41038 |
| | 20 | 65789 | 88320 | 128515 | 220179 | 18602 | 22771 | 29562 | 43284 |
| | 40 | 72777 | 97980 | 143111 | 263074 | 19932 | 24468 | 31882 | 49184 |
| 2 | 5 | 42712 | 65286 | 107591 | 204358 | 13885 | 18504 | 26111 | 41038 |
| | 10 | 46321 | 65286 | 107591 | 204358 | 14663 | 18504 | 26111 | 41038 |
| | 20 | 52637 | 74176 | 113330 | 204358 | 15985 | 20194 | 27074 | 41038 |
| | 40 | 57427 | 81598 | 126036 | 232910 | 16957 | 21562 | 29161 | 45062 |
| 3 | 5 | 59736 | 75110 | 107591 | 204358 | 17417 | 20368 | 26111 | 41038 |
| | 10 | 72692 | 93169 | 130900 | 215470 | 19916 | 23629 | 29945 | 42619 |
| | 20 | 84929 | 108781 | 151206 | 244945 | 22164 | 26312 | 33142 | 46721 |
| | 40 | 94098 | 120990 | 168098 | 310775 | 23792 | 28339 | 35718 | 55477 |
| 4 | 5 | 45101 | 65286 | 107591 | 204358 | 14402 | 18504 | 26111 | 41038 |
| | 10 | 51564 | 71421 | 107591 | 204358 | 15763 | 19676 | 26111 | 41038 |
| | 20 | 60560 | 83442 | 124078 | 214105 | 17581 | 21896 | 28843 | 42426 |
| | 40 | 67048 | 92398 | 136926 | 253349 | 18844 | 23493 | 30907 | 47868 |
| 5 | 5 | 43675 | 65286 | 107591 | 204358 | 14094 | 18504 | 26111 | 41038 |
| | 10 | 49475 | 68875 | 107591 | 204358 | 15329 | 19194 | 26111 | 41038 |
| | 20 | 57767 | 80480 | 120739 | 210442 | 17025 | 21358 | 28298 | 41906 |
| | 40 | 63855 | 89015 | 133188 | 247498 | 18227 | 22895 | 30312 | 47071 |
| 6 | 5 | 47054 | 65286 | 107591 | 204358 | 14819 | 18504 | 26111 | 41038 |
| | 10 | 54216 | 74012 | 109889 | 204358 | 16308 | 20163 | 26498 | 41038 |
| | 20 | 63832 | 86491 | 126420 | 217895 | 18222 | 22445 | 29223 | 42962 |
| | 40 | 70634 | 95885 | 140787 | 259414 | 19528 | 24104 | 31517 | 48690 |
| 7 | 5 | 43526 | 65286 | 107591 | 204358 | 14062 | 18504 | 26111 | 41038 |
| | 10 | 49251 | 68474 | 107591 | 204358 | 15282 | 19117 | 26111 | 41038 |
| | 20 | 57389 | 80011 | 120213 | 209865 | 16949 | 21272 | 28212 | 41824 |
| | 40 | 63400 | 88481 | 132598 | 246502 | 18138 | 22800 | 30217 | 46934 |
| 8 | 5 | 47786 | 65286 | 107591 | 204358 | 14974 | 18504 | 26111 | 41038 |
| | 10 | 55289 | 74593 | 111047 | 204358 | 16526 | 20272 | 26692 | 41038 |
| | 20 | 65061 | 87639 | 127734 | 219327 | 18461 | 22650 | 29436 | 43164 |
| | 40 | 71979 | 97200 | 142245 | 261709 | 19782 | 24332 | 31746 | 49000 |

TABLE 6.100 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5578500 Salt Creek near Rowell

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1500 | 3942 | 9421 | 21905 | 1669 | 3003 | 5179 | 8919 |
| Q7,10 | 10 | 1558 | 3942 | 9421 | 21905 | 1708 | 3003 | 5179 | 8919 |
| 1 | 5 | 3655 | 5565 | 9441 | 21905 | 2867 | 3719 | 5186 | 8919 |
| | 10 | 5058 | 7596 | 12588 | 23898 | 3504 | 4519 | 6230 | 9443 |
| | 20 | 6419 | 9425 | 15108 | 27739 | 4066 | 5180 | 7006 | 10417 |
| | 40 | 7630 | 10966 | 17066 | 30946 | 4532 | 5704 | 7580 | 11198 |
| 2 | 5 | 1855 | 3942 | 9421 | 21905 | 1897 | 3003 | 5179 | 8919 |
| | 10 | 2542 | 4971 | 9422 | 21905 | 2296 | 3467 | 5179 | 8919 |
| | 20 | 3473 | 6317 | 11609 | 23652 | 2778 | 4025 | 5915 | 9379 |
| | 40 | 4077 | 7505 | 13301 | 26452 | 3066 | 4485 | 6454 | 10095 |
| 3 | 5 | 5090 | 7384 | 11425 | 21905 | 3518 | 4440 | 5855 | 8919 |
| | 10 | 7036 | 9908 | 15152 | 26554 | 4307 | 5347 | 7019 | 10121 |
| | 20 | 8718 | 12193 | 17981 | 30972 | 4930 | 6104 | 7842 | 11205 |
| | 40 | 10214 | 13928 | 20153 | 34391 | 5451 | 6648 | 8446 | 12012 |
| 4 | 5 | 2581 | 4236 | 9421 | 21905 | 2317 | 3139 | 5179 | 8919 |
| | 10 | 3551 | 5894 | 10555 | 21905 | 2816 | 3855 | 5567 | 8919 |
| | 20 | 4636 | 7394 | 12971 | 25198 | 3320 | 4443 | 6351 | 9777 |
| | 40 | 5473 | 8727 | 14763 | 28189 | 3680 | 4933 | 6902 | 10528 |
| 5 | 5 | 2223 | 3942 | 9421 | 21905 | 2116 | 3003 | 5179 | 8919 |
| | 10 | 3054 | 5432 | 9986 | 21905 | 2568 | 3663 | 5374 | 8919 |
| | 20 | 4064 | 6854 | 12287 | 24420 | 3060 | 4237 | 6134 | 9578 |
| | 40 | 4770 | 8107 | 14029 | 27315 | 3379 | 4709 | 6679 | 10311 |
| 6 | 5 | 3060 | 4699 | 9421 | 21905 | 2571 | 3348 | 5179 | 8919 |
| | 10 | 4218 | 6554 | 11358 | 22691 | 3131 | 4119 | 5833 | 9127 |
| | 20 | 5421 | 8140 | 13914 | 26269 | 3659 | 4721 | 6644 | 10049 |
| | 40 | 6415 | 9599 | 15657 | 29381 | 4064 | 5240 | 7169 | 10820 |
| 7 | 5 | 2917 | 4528 | 9421 | 21905 | 2497 | 3272 | 5179 | 8919 |
| | 10 | 4019 | 6333 | 11097 | 22409 | 3039 | 4032 | 5747 | 9053 |
| | 20 | 5187 | 7875 | 13621 | 25939 | 3559 | 4624 | 6554 | 9966 |
| | 40 | 6133 | 9311 | 15343 | 29022 | 3952 | 5140 | 7076 | 10732 |
| 8 | 5 | 3920 | 5951 | 9852 | 21905 | 2993 | 3878 | 5328 | 8919 |
| | 10 | 5439 | 8079 | 13143 | 24446 | 3666 | 4699 | 6405 | 9584 |
| | 20 | 6863 | 10001 | 15703 | 28406 | 4240 | 5379 | 7183 | 10581 |
| | 40 | 8117 | 11582 | 17704 | 31656 | 4713 | 5906 | 7763 | 11368 |

TABLE 6.101 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5579500 Lake Fork near Cornland

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 3210 | 4769 | 8198 | 16148 | 2647 | 3379 | 4742 | 7314 |
| Q7,10 | 10 | 3268 | 4769 | 8198 | 16148 | 2676 | 3379 | 4742 | 7314 |
| 1 | 5 | 4718 | 5899 | 8225 | 16148 | 3356 | 3857 | 4752 | 7314 |
| | 10 | 5815 | 7425 | 10443 | 17322 | 3822 | 4455 | 5529 | 7654 |
| | 20 | 6845 | 8892 | 12426 | 20092 | 4233 | 4992 | 6178 | 8429 |
| | 40 | 7823 | 10136 | 14063 | 26507 | 4604 | 5425 | 6690 | 10109 |
| 2 | 5 | 3494 | 4769 | 8198 | 16148 | 2788 | 3379 | 4742 | 7314 |
| | 10 | 4017 | 5481 | 8198 | 16148 | 3038 | 3684 | 4742 | 7314 |
| | 20 | 4794 | 6470 | 9803 | 17096 | 3389 | 4086 | 5311 | 7589 |
| | 40 | 5293 | 7359 | 11064 | 20578 | 3605 | 4430 | 5736 | 8562 |
| 3 | 5 | 4972 | 6210 | 8604 | 16148 | 3467 | 3982 | 4889 | 7314 |
| | 10 | 6148 | 7836 | 10955 | 17890 | 3958 | 4609 | 5700 | 7816 |
| | 20 | 7265 | 9416 | 12974 | 20714 | 4395 | 5177 | 6352 | 8599 |
| | 40 | 8328 | 10629 | 14665 | 27777 | 4790 | 5591 | 6873 | 10426 |
| 4 | 5 | 3623 | 4769 | 8198 | 16148 | 2851 | 3379 | 4742 | 7314 |
| | 10 | 4190 | 5655 | 8342 | 16148 | 3119 | 3756 | 4795 | 7314 |
| | 20 | 5014 | 6666 | 10062 | 17370 | 3485 | 4163 | 5400 | 7668 |
| | 40 | 5563 | 7602 | 11355 | 21046 | 3718 | 4522 | 5832 | 8689 |
| 5 | 5 | 4018 | 5001 | 8198 | 16148 | 3039 | 3480 | 4742 | 7314 |
| | 10 | 4769 | 6187 | 9006 | 16148 | 3379 | 3974 | 5033 | 7314 |
| | 20 | 5680 | 7315 | 10787 | 18242 | 3767 | 4413 | 5644 | 7916 |
| | 40 | 6358 | 8383 | 12266 | 22724 | 4042 | 4810 | 6127 | 9136 |
| 6 | 5 | 4414 | 5531 | 8198 | 16148 | 3221 | 3705 | 4742 | 7314 |
| | 10 | 5370 | 6896 | 9877 | 16595 | 3637 | 4253 | 5336 | 7444 |
| | 20 | 6346 | 8218 | 11723 | 19296 | 4037 | 4749 | 5952 | 8210 |
| | 40 | 7204 | 9385 | 13292 | 24881 | 4371 | 5166 | 6451 | 9696 |
| 7 | 5 | 3943 | 4907 | 8198 | 16148 | 3004 | 3439 | 4742 | 7314 |
| | 10 | 4660 | 6062 | 8852 | 16148 | 3330 | 3923 | 4978 | 7314 |
| | 20 | 5556 | 7154 | 10622 | 18057 | 3715 | 4352 | 5589 | 7863 |
| | 40 | 6201 | 8206 | 12085 | 22343 | 3979 | 4745 | 6069 | 9035 |
| 8 | 5 | 4399 | 5512 | 8198 | 16148 | 3214 | 3697 | 4742 | 7314 |
| | 10 | 5348 | 6870 | 9845 | 16560 | 3628 | 4243 | 5325 | 7434 |
| | 20 | 6322 | 8185 | 11689 | 19258 | 4027 | 4738 | 5941 | 8200 |
| | 40 | 7174 | 9349 | 13255 | 24803 | 4360 | 5153 | 6440 | 9676 |

TABLE 6.102 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5580000 Kickapoo Creek at Waynesville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1271 | 3194 | 6980 | 15229 | 1512 | 2639 | 4285 | 7042 |
| Q7,10 | 10 | 1271 | 3194 | 6980 | 15229 | 1512 | 2639 | 4285 | 7042 |
| 1 | 5 | 2603 | 3965 | 6980 | 15229 | 2329 | 3014 | 4285 | 7042 |
| | 10 | 3507 | 5212 | 8395 | 15602 | 2795 | 3570 | 4814 | 7153 |
| | 20 | 4211 | 6094 | 9884 | 18014 | 3128 | 3936 | 5339 | 7851 |
| | 40 | 4879 | 7066 | 11020 | 20123 | 3427 | 4318 | 5722 | 8438 |
| 2 | 5 | 1481 | 3194 | 6980 | 15229 | 1657 | 2639 | 4285 | 7042 |
| | 10 | 2049 | 3771 | 6980 | 15229 | 2015 | 2922 | 4285 | 7042 |
| | 20 | 2594 | 4500 | 8016 | 15863 | 2324 | 3259 | 4675 | 7230 |
| | 40 | 2934 | 5208 | 9060 | 17692 | 2505 | 3569 | 5052 | 7760 |
| 3 | 5 | 4237 | 5863 | 8721 | 15229 | 3140 | 3842 | 4931 | 7042 |
| | 10 | 5527 | 7437 | 10841 | 18414 | 3703 | 4460 | 5662 | 7964 |
| | 20 | 6478 | 8808 | 12603 | 21096 | 4089 | 4962 | 6235 | 8702 |
| | 40 | 7463 | 9886 | 14027 | 23371 | 4470 | 5339 | 6679 | 9306 |
| 4 | 5 | 2214 | 3594 | 6980 | 15229 | 2111 | 2837 | 4285 | 7042 |
| | 10 | 3025 | 4766 | 7879 | 15229 | 2553 | 3377 | 4625 | 7042 |
| | 20 | 3685 | 5573 | 9345 | 17328 | 2881 | 3722 | 5152 | 7656 |
| | 40 | 4241 | 6477 | 10369 | 19353 | 3142 | 4089 | 5504 | 8226 |
| 5 | 5 | 1387 | 3194 | 6980 | 15229 | 1593 | 2639 | 4285 | 7042 |
| | 10 | 1858 | 3508 | 6980 | 15229 | 1899 | 2795 | 4285 | 7042 |
| | 20 | 2357 | 4212 | 7667 | 15482 | 2193 | 3128 | 4546 | 7117 |
| | 40 | 2658 | 4880 | 8697 | 17260 | 2359 | 3427 | 4923 | 7636 |
| 6 | 5 | 1897 | 3303 | 6980 | 15229 | 1923 | 2694 | 4285 | 7042 |
| | 10 | 2637 | 4397 | 7472 | 15229 | 2347 | 3213 | 4473 | 7042 |
| | 20 | 3253 | 5167 | 8850 | 16781 | 2669 | 3551 | 4977 | 7498 |
| | 40 | 3719 | 6007 | 9930 | 18732 | 2898 | 3901 | 5355 | 8053 |
| 7 | 5 | 1517 | 3194 | 6980 | 15229 | 1681 | 2639 | 4285 | 7042 |
| | 10 | 2119 | 3872 | 6980 | 15229 | 2056 | 2970 | 4285 | 7042 |
| | 20 | 2684 | 4610 | 8149 | 16009 | 2373 | 3308 | 4724 | 7273 |
| | 40 | 3039 | 5336 | 9199 | 17858 | 2560 | 3623 | 5101 | 7807 |
| 8 | 5 | 2281 | 3655 | 6980 | 15229 | 2150 | 2867 | 4285 | 7042 |
| | 10 | 3108 | 4844 | 7965 | 15229 | 2596 | 3412 | 4657 | 7042 |
| | 20 | 3775 | 5659 | 9450 | 17445 | 2924 | 3758 | 5189 | 7689 |
| | 40 | 4351 | 6576 | 10479 | 19485 | 3192 | 4128 | 5541 | 8263 |

TABLE 6.103 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5580500 Kickapoo Creek near Lincoln

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 1289 | 3780 | 8256 | 19033 | 1525 | 2926 | 4763 | 8137 |
| Q7,10 | 10 | 1630 | 3780 | 8256 | 19033 | 1755 | 2926 | 4763 | 8137 |
| 1 | 5 | 3184 | 4806 | 8256 | 19033 | 2634 | 3395 | 4763 | 8137 |
| | 10 | 4214 | 6341 | 10456 | 19997 | 3130 | 4035 | 5533 | 8403 |
| | 20 | 5172 | 7545 | 12386 | 22909 | 3553 | 4500 | 6166 | 9185 |
| | 40 | 6035 | 8674 | 13815 | 25558 | 3912 | 4914 | 6613 | 9869 |
| 2 | 5 | 1735 | 3780 | 8256 | 19033 | 1822 | 2926 | 4763 | 8137 |
| | 10 | 2311 | 4429 | 8256 | 19033 | 2167 | 3227 | 4763 | 8137 |
| | 20 | 3036 | 5412 | 9796 | 19928 | 2558 | 3655 | 5309 | 8384 |
| | 40 | 3546 | 6307 | 11099 | 22314 | 2814 | 4022 | 5748 | 9027 |
| 3 | 5 | 5558 | 7492 | 11194 | 19667 | 3716 | 4481 | 5779 | 8313 |
| | 10 | 7252 | 9694 | 14211 | 23996 | 4390 | 5273 | 6735 | 9468 |
| | 20 | 8650 | 11527 | 16453 | 27661 | 4906 | 5888 | 7403 | 10397 |
| | 40 | 9862 | 12970 | 18486 | 30486 | 5331 | 6351 | 7984 | 11088 |
| 4 | 5 | 2833 | 4415 | 8256 | 19033 | 2452 | 3221 | 4763 | 8137 |
| | 10 | 3771 | 5848 | 9889 | 19376 | 2922 | 3836 | 5341 | 8232 |
| | 20 | 4662 | 6970 | 11757 | 22189 | 3332 | 4282 | 5963 | 8994 |
| | 40 | 5447 | 8051 | 13118 | 24796 | 3669 | 4688 | 6397 | 9674 |
| 5 | 5 | 2293 | 3921 | 8256 | 19033 | 2157 | 2993 | 4763 | 8137 |
| | 10 | 3069 | 5196 | 9120 | 19033 | 2576 | 3564 | 5073 | 8137 |
| | 20 | 3890 | 6266 | 10852 | 21142 | 2979 | 4005 | 5666 | 8714 |
| | 40 | 4544 | 7238 | 12240 | 23646 | 3279 | 4384 | 6119 | 9377 |
| 6 | 5 | 3068 | 4662 | 8256 | 19033 | 2575 | 3332 | 4763 | 8137 |
| | 10 | 4064 | 6163 | 10255 | 19790 | 3060 | 3964 | 5465 | 8347 |
| | 20 | 5002 | 7334 | 12170 | 22664 | 3480 | 4421 | 6097 | 9120 |
| | 40 | 5839 | 8448 | 13573 | 25303 | 3832 | 4833 | 6539 | 9804 |
| 7 | 5 | 2348 | 3971 | 8256 | 19033 | 2188 | 3017 | 4763 | 8137 |
| | 10 | 3140 | 5261 | 9197 | 19033 | 2612 | 3591 | 5100 | 8137 |
| | 20 | 3968 | 6339 | 10943 | 21246 | 3016 | 4034 | 5696 | 8743 |
| | 40 | 4634 | 7320 | 12337 | 23761 | 3319 | 4415 | 6150 | 9407 |
| 8 | 5 | 3115 | 4720 | 8256 | 19033 | 2599 | 3357 | 4763 | 8137 |
| | 10 | 4124 | 6235 | 10336 | 19873 | 3088 | 3992 | 5493 | 8369 |
| | 20 | 5070 | 7419 | 12257 | 22762 | 3510 | 4453 | 6124 | 9146 |
| | 40 | 5918 | 8538 | 13670 | 25405 | 3864 | 4866 | 6569 | 9830 |

TABLE 6.104 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5581500 Sugar Creek near Hartsburg

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 2903 | 8141 | 25648 | | 2489 | 4721 | 9892 | |
| Q7,10 | 10 | 6178 | 10905 | 25648 | | 3970 | 5684 | 9892 | |
| 1 | 5 | 6274 | 10043 | 25648 | | 4008 | 5393 | 9892 | |
| | 10 | 9005 | 13775 | 25648 | | 5032 | 6601 | 9892 | |
| | 20 | 12000 | 18842 | 36154 | | 6042 | 8084 | 12419 | |
| | 40 | 13447 | 23185 | 51405 | | 6499 | 9257 | 15731 | |
| 2 | 5 | 3174 | 8141 | 25648 | | 2629 | 4721 | 9892 | |
| | 10 | 4731 | 9346 | 25648 | | 3362 | 5152 | 9892 | |
| | 20 | 6600 | 12428 | 26723 | | 4138 | 6179 | 10163 | |
| | 40 | 7785 | 13899 | 38617 | | 4590 | 6639 | 12978 | |
| 3 | 5 | 10019 | 13664 | 25648 | | 5385 | 6567 | 9892 | |
| | 10 | 13744 | 18344 | 28342 | | 6592 | 7944 | 10566 | |
| | 20 | 18797 | 26132 | 46380 | | 8071 | 10014 | 14676 | |
| | 40 | 23113 | 37401 | 65698 | | 9238 | 12703 | 18584 | |
| 4 | 5 | 4823 | 8401 | 25648 | | 3402 | 4816 | 9892 | |
| | 10 | 7003 | 11782 | 25648 | | 4294 | 5971 | 9892 | |
| | 20 | 9491 | 15804 | 31537 | | 5203 | 7213 | 11340 | |
| | 40 | 10890 | 18725 | 45030 | | 5678 | 8051 | 14387 | |
| 5 | 5 | 4805 | 8381 | 25648 | | 3394 | 4809 | 9892 | |
| | 10 | 6978 | 11756 | 25648 | | 4285 | 5963 | 9892 | |
| | 20 | 9460 | 15767 | 31480 | | 5192 | 7202 | 11326 | |
| | 40 | 10857 | 18668 | 44952 | | 5667 | 8035 | 14370 | |
| 6 | 5 | 5791 | 9494 | 25648 | | 3813 | 5204 | 9892 | |
| | 10 | 8338 | 13172 | 25648 | | 4793 | 6414 | 9892 | |
| | 20 | 11164 | 17825 | 34634 | | 5769 | 7798 | 12068 | |
| | 40 | 12667 | 21586 | 49264 | | 6255 | 8834 | 15285 | |
| 7 | 5 | 5207 | 8833 | 25648 | | 3568 | 4971 | 9892 | |
| | 10 | 7532 | 12331 | 25648 | | 4495 | 6148 | 9892 | |
| | 20 | 10155 | 16602 | 32759 | | 5431 | 7446 | 11630 | |
| | 40 | 11594 | 19848 | 46698 | | 5910 | 8362 | 14743 | |
| 8 | 5 | 6582 | 10419 | 25648 | | 4130 | 5521 | 9892 | |
| | 10 | 9460 | 14256 | 25648 | | 5192 | 6749 | 9892 | |
| | 20 | 12572 | 19539 | 37203 | | 6225 | 8277 | 12658 | |
| | 40 | 14051 | 24122 | 52876 | | 6686 | 9501 | 16034 | |

TABLE 6.105 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5582000 Salt Creek near Greenview

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 7248 | 27478 | 92969 | | 4388 | 10352 | 23594 | |
| Q7,10 | 10 | 22359 | 46371 | 108589 | | 9040 | 14674 | 26279 | |
| 1 | 5 | 45598 | 68805 | 120695 | | 14508 | 19180 | 28291 | |
| | 10 | 58223 | 89044 | 154610 | | 17116 | 22900 | 33667 | |
| | 20 | 73626 | 108872 | 196188 | | 20091 | 26327 | 39861 | |
| | 40 | 79920 | 117059 | 234587 | | 21255 | 27692 | 45294 | |
| 2 | 5 | 18749 | 38713 | 92969 | | 8058 | 12999 | 23594 | |
| | 10 | 24559 | 49206 | 111756 | | 9614 | 15273 | 26811 | |
| | 20 | 32515 | 63480 | 133648 | | 11572 | 18154 | 30385 | |
| | 40 | 37582 | 69785 | 150792 | | 12744 | 19367 | 33078 | |
| 3 | 5 | 56699 | 80236 | 135128 | | 16811 | 21313 | 30621 | |
| | 10 | 72413 | 105205 | 170743 | | 19863 | 25707 | 36115 | |
| | 20 | 90790 | 126488 | 223824 | | 23210 | 29234 | 43795 | |
| | 40 | 97341 | 138611 | 270972 | | 24357 | 31173 | 50243 | |
| 4 | 5 | 23512 | 44256 | 92969 | | 9342 | 14220 | 23594 | |
| | 10 | 30264 | 56465 | 119938 | | 11034 | 16764 | 28167 | |
| | 20 | 39833 | 72077 | 142598 | | 13250 | 19800 | 31801 | |
| | 40 | 45272 | 77847 | 166662 | | 14439 | 20875 | 35501 | |
| 5 | 5 | 32967 | 55234 | 104048 | | 11679 | 16515 | 25510 | |
| | 10 | 41501 | 70930 | 136183 | | 13619 | 19584 | 30789 | |
| | 20 | 54398 | 88604 | 161374 | | 16345 | 22822 | 34701 | |
| | 40 | 60699 | 94956 | 198521 | | 17608 | 23942 | 40199 | |
| 6 | 5 | 41268 | 64169 | 114992 | | 13568 | 18288 | 27350 | |
| | 10 | 52551 | 82678 | 148293 | | 15967 | 21758 | 32691 | |
| | 20 | 67437 | 101945 | 183560 | | 18919 | 25150 | 38018 | |
| | 40 | 73201 | 109507 | 225373 | | 20011 | 26434 | 44012 | |
| 7 | 5 | 32559 | 54806 | 103525 | | 11583 | 16428 | 25421 | |
| | 10 | 40966 | 70342 | 135605 | | 13501 | 19472 | 30697 | |
| | 20 | 53769 | 87964 | 160396 | | 16217 | 22708 | 34552 | |
| | 40 | 60071 | 94259 | 197252 | | 17484 | 23820 | 40015 | |
| 8 | 5 | 41268 | 64169 | 114992 | | 13568 | 18288 | 27350 | |
| | 10 | 52551 | 82678 | 148293 | | 15967 | 21758 | 32691 | |
| | 20 | 67437 | 101945 | 183560 | | 18919 | 25150 | 38018 | |
| | 40 | 73201 | 109507 | 225373 | | 20011 | 26434 | 44012 | |

TABLE 6.106 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5582500 Crane Creek near Easton

| | | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF | | | | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF | | | |
|---|---|---|---|---|---|---|---|---|---|
| LEVEL | T,YR | 2 | 5 | 10 | 20 | 2 | 5 | 10 | 20 |
| 0 | 40 | 0 | 0 | 336 | 616 | 0 | 0 | 692 | 986 |
| Q7,10 | 10 | 0 | 324 | 376 | 616 | 0 | 678 | 739 | 986 |
| 1 | 5 | 637 | 729 | 890 | 1300 | 1005 | 1088 | 1224 | 1533 |
| | 10 | 821 | 950 | 1190 | 1801 | 1166 | 1272 | 1454 | 1864 |
| | 20 | 1042 | 1222 | 1525 | 2295 | 1344 | 1477 | 1687 | 2157 |
| | 40 | 1266 | 1460 | 1860 | 2722 | 1509 | 1643 | 1900 | 2394 |
| 2 | 5 | 337 | 373 | 460 | 730 | 694 | 736 | 831 | 1089 |
| | 10 | 391 | 446 | 571 | 951 | 756 | 816 | 943 | 1273 |
| | 20 | 446 | 520 | 706 | 1223 | 817 | 893 | 1067 | 1478 |
| | 40 | 519 | 619 | 837 | 1462 | 891 | 988 | 1180 | 1644 |
| 3 | 5 | 878 | 995 | 1197 | 1300 | 1214 | 1307 | 1459 | 1533 |
| | 10 | 1172 | 1348 | 1659 | 1801 | 1441 | 1566 | 1774 | 1863 |
| | 20 | 1502 | 1711 | 2101 | 2294 | 1671 | 1807 | 2045 | 2157 |
| | 40 | 1831 | 2074 | 2509 | 2721 | 1882 | 2029 | 2277 | 2393 |
| 4 | 5 | 387 | 440 | 546 | 851 | 751 | 810 | 918 | 1192 |
| | 10 | 464 | 540 | 694 | 1132 | 836 | 913 | 1057 | 1411 |
| | 20 | 550 | 664 | 866 | 1450 | 923 | 1029 | 1204 | 1636 |
| | 40 | 653 | 782 | 1071 | 1765 | 1020 | 1134 | 1366 | 1841 |
| 5 | 5 | 361 | 409 | 507 | 796 | 722 | 776 | 879 | 1145 |
| | 10 | 428 | 496 | 639 | 1048 | 797 | 868 | 1007 | 1348 |
| | 20 | 495 | 598 | 792 | 1341 | 868 | 969 | 1142 | 1561 |
| | 40 | 586 | 705 | 963 | 1625 | 957 | 1067 | 1282 | 1752 |
| 6 | 5 | 457 | 525 | 661 | 1004 | 828 | 898 | 1027 | 1314 |
| | 10 | 567 | 663 | 858 | 1362 | 939 | 1029 | 1197 | 1576 |
| | 20 | 700 | 826 | 1095 | 1727 | 1062 | 1171 | 1384 | 1817 |
| | 40 | 829 | 1013 | 1322 | 2092 | 1173 | 1321 | 1548 | 2040 |
| 7 | 5 | 543 | 625 | 782 | 1153 | 915 | 994 | 1134 | 1427 |
| | 10 | 689 | 805 | 1029 | 1598 | 1053 | 1153 | 1334 | 1735 |
| | 20 | 859 | 1020 | 1315 | 2018 | 1199 | 1326 | 1543 | 1996 |
| | 40 | 1062 | 1254 | 1592 | 2417 | 1359 | 1500 | 1731 | 2227 |
| 8 | 5 | 766 | 862 | 1054 | 1300 | 1120 | 1201 | 1353 | 1533 |
| | 10 | 1004 | 1148 | 1443 | 1801 | 1315 | 1423 | 1631 | 1864 |
| | 20 | 1283 | 1471 | 1818 | 2294 | 1521 | 1650 | 1874 | 2157 |
| | 40 | 1551 | 1791 | 2195 | 2722 | 1704 | 1858 | 2100 | 2393 |

TABLE 6.107 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5583000 Sangamon River near Oakford

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 86461 | 145497 | 343629 | | 22439 | 32255 | 59677 | |
| Q7,10 | 10 | 131203 | 207056 | 379185 | | 29994 | 41424 | 64117 | |
| 1 | 5 | 172562 | 235881 | 380997 | | 36387 | 45473 | 64340 | |
| | 10 | 219487 | 304163 | 479325 | | 43186 | 54619 | 76137 | |
| | 20 | 266253 | 362646 | 661010 | | 49611 | 62064 | 96596 | |
| | 40 | 287958 | 413548 | 775312 | | 52498 | 68316 | 108813 | |
| 2 | 5 | 107658 | 159357 | 343629 | | 26122 | 34394 | 59677 | |
| | 10 | 125957 | 201147 | 373186 | | 29148 | 40577 | 63375 | |
| | 20 | 158059 | 245424 | 451488 | | 34195 | 46787 | 72860 | |
| | 40 | 168540 | 266510 | 551196 | | 35784 | 49646 | 84409 | |
| 3 | 5 | 245356 | 316682 | 467580 | | 46777 | 56240 | 74760 | |
| | 10 | 315961 | 403401 | 566398 | | 56147 | 67085 | 86126 | |
| | 20 | 375541 | 511730 | 890499 | | 63666 | 79899 | 120733 | |
| | 40 | 436145 | 605802 | 1055202 | | 71033 | 90530 | 137222 | |
| 4 | 5 | 135040 | 193732 | 343629 | | 30607 | 39505 | 59677 | |
| | 10 | 166893 | 247097 | 422052 | | 35536 | 47016 | 69342 | |
| | 20 | 207380 | 299714 | 548604 | | 41470 | 54040 | 84115 | |
| | 40 | 225115 | 322474 | 648059 | | 43976 | 56984 | 95183 | |
| 5 | 5 | 141190 | 201262 | 343629 | | 31580 | 40593 | 59677 | |
| | 10 | 175709 | 257646 | 432849 | | 36857 | 48451 | 70639 | |
| | 20 | 218104 | 311618 | 570065 | | 42991 | 55586 | 86539 | |
| | 40 | 235348 | 334769 | 672604 | | 45400 | 58554 | 97855 | |
| 6 | 5 | 167569 | 230067 | 374724 | | 35638 | 44667 | 63565 | |
| | 10 | 212555 | 296930 | 472111 | | 42207 | 53676 | 75292 | |
| | 20 | 258378 | 354746 | 644625 | | 48550 | 61076 | 94808 | |
| | 40 | 279845 | 400014 | 759500 | | 51425 | 66672 | 107148 | |
| 7 | 5 | 136890 | 195994 | 343629 | | 30901 | 39833 | 59677 | |
| | 10 | 169546 | 250267 | 425293 | | 35935 | 47449 | 69732 | |
| | 20 | 210604 | 303290 | 555037 | | 41929 | 54506 | 84844 | |
| | 40 | 228794 | 326167 | 655421 | | 44490 | 57457 | 95987 | |
| 8 | 5 | 157912 | 220826 | 362636 | | 34173 | 43375 | 62063 | |
| | 10 | 199140 | 282967 | 458216 | | 40288 | 51839 | 73656 | |
| | 20 | 243145 | 339509 | 613041 | | 46474 | 59155 | 91332 | |
| | 40 | 264166 | 374644 | 729005 | | 49331 | 63555 | 103915 | |

TABLE 6.108 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5584500 La Moine River at Colmar

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 21456 | 27749 | 40585 | 69995 | 8799 | 10419 | 13417 | 19407 |
| Q7,10 | 10 | 21456 | 27749 | 40585 | 69995 | 8799 | 10419 | 13417 | 19407 |
| 1 | 5 | 24166 | 28056 | 40585 | 69995 | 9512 | 10495 | 13417 | 19407 |
| | 10 | 27385 | 33320 | 44134 | 69995 | 10329 | 11762 | 14193 | 19407 |
| | 20 | 29807 | 36851 | 48920 | 76417 | 10924 | 12578 | 15213 | 20611 |
| | 40 | 32234 | 39662 | 52751 | 90889 | 11506 | 13212 | 16008 | 23227 |
| 2 | 5 | 21456 | 27749 | 40585 | 69995 | 8799 | 10419 | 13417 | 19407 |
| | 10 | 23269 | 28781 | 40585 | 69995 | 9279 | 10673 | 13417 | 19407 |
| | 20 | 24705 | 31540 | 43732 | 71099 | 9651 | 11341 | 14106 | 19616 |
| | 40 | 26670 | 34037 | 47083 | 80092 | 10150 | 11930 | 14825 | 21287 |
| 3 | 5 | 32526 | 37451 | 47857 | 69995 | 11575 | 12715 | 14989 | 19407 |
| | 10 | 38816 | 45510 | 57538 | 81557 | 13023 | 14490 | 16979 | 21554 |
| | 20 | 43500 | 50494 | 64695 | 95199 | 14056 | 15542 | 18390 | 23984 |
| | 40 | 46833 | 54486 | 70938 | 123961 | 14772 | 16363 | 19585 | 28824 |
| 4 | 5 | 24830 | 28752 | 40585 | 69995 | 9683 | 10666 | 13417 | 19407 |
| | 10 | 28367 | 34280 | 45220 | 69995 | 10572 | 11986 | 14427 | 19407 |
| | 20 | 31027 | 38027 | 50168 | 77905 | 11218 | 12845 | 15474 | 20885 |
| | 40 | 33503 | 40908 | 54112 | 93400 | 11805 | 13488 | 16287 | 23669 |
| 5 | 5 | 21456 | 27749 | 40585 | 69995 | 8799 | 10419 | 13417 | 19407 |
| | 10 | 22942 | 28303 | 40585 | 69995 | 9193 | 10556 | 13417 | 19407 |
| | 20 | 24341 | 30947 | 43133 | 70386 | 9557 | 11199 | 13976 | 19481 |
| | 40 | 26218 | 33420 | 46436 | 78768 | 10036 | 11785 | 14688 | 21044 |
| 6 | 5 | 22206 | 27749 | 40585 | 69995 | 8999 | 10419 | 13417 | 19407 |
| | 10 | 24742 | 30665 | 41115 | 69995 | 9661 | 11131 | 13534 | 19407 |
| | 20 | 26422 | 33842 | 46103 | 73940 | 10087 | 11884 | 14616 | 20150 |
| | 40 | 28470 | 36139 | 49004 | 84392 | 10597 | 12416 | 15230 | 22068 |
| 7 | 5 | 21550 | 27749 | 40585 | 69995 | 8824 | 10419 | 13417 | 19407 |
| | 10 | 23441 | 29033 | 40585 | 69995 | 9324 | 10735 | 13417 | 19407 |
| | 20 | 24897 | 31854 | 44049 | 71477 | 9700 | 11415 | 14175 | 19687 |
| | 40 | 26909 | 34362 | 47425 | 80797 | 10210 | 12005 | 14898 | 21416 |
| 8 | 5 | 22910 | 27749 | 40585 | 69995 | 9185 | 10419 | 13417 | 19407 |
| | 10 | 25755 | 31613 | 42190 | 69995 | 9919 | 11358 | 13770 | 19407 |
| | 20 | 27498 | 34697 | 47323 | 75406 | 10357 | 12083 | 14876 | 20423 |
| | 40 | 29825 | 37398 | 50338 | 86484 | 10928 | 12703 | 15509 | 22443 |

TABLE 6.109 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5585000 La Moine River at Ripley

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 38085 | 47868 | 69330 | 119135 | 12858 | 14991 | 19280 | 28035 |
| Q7,10 | 10 | 38085 | 47868 | 69330 | 119135 | 12858 | 14991 | 19280 | 28035 |
| 1 | 5 | 46988 | 54320 | 69330 | 119135 | 14805 | 16329 | 19280 | 28035 |
| | 10 | 52575 | 64173 | 85238 | 128517 | 15972 | 18289 | 22220 | 29562 |
| | 20 | 60030 | 72579 | 94501 | 144152 | 17476 | 19894 | 23862 | 32045 |
| | 40 | 64355 | 77971 | 101866 | 162193 | 18324 | 20897 | 25137 | 34825 |
| 2 | 5 | 39444 | 47868 | 69330 | 119135 | 13163 | 14991 | 19280 | 28035 |
| | 10 | 42818 | 51512 | 70888 | 119135 | 13908 | 15753 | 19576 | 28035 |
| | 20 | 46130 | 58601 | 80068 | 127127 | 14622 | 17192 | 21282 | 29338 |
| | 40 | 49561 | 62783 | 85922 | 138395 | 15347 | 18018 | 22343 | 31139 |
| 3 | 5 | 64055 | 75111 | 93929 | 133652 | 18266 | 20368 | 23762 | 30386 |
| | 10 | 79589 | 91084 | 113500 | 156700 | 21195 | 23261 | 27102 | 33987 |
| | 20 | 89229 | 102414 | 127273 | 180548 | 22933 | 25231 | 29361 | 37574 |
| | 40 | 94678 | 110721 | 138557 | 234674 | 23893 | 26638 | 31165 | 45306 |
| 4 | 5 | 46931 | 54249 | 69330 | 119135 | 14793 | 16315 | 19280 | 28035 |
| | 10 | 52500 | 64058 | 85130 | 128402 | 15956 | 18266 | 22200 | 29544 |
| | 20 | 59928 | 72459 | 94378 | 144021 | 17456 | 19872 | 23840 | 32024 |
| | 40 | 64243 | 77844 | 101728 | 161907 | 18302 | 20874 | 25113 | 34782 |
| 5 | 5 | 39398 | 47868 | 69330 | 119135 | 13153 | 14991 | 19280 | 28035 |
| | 10 | 42757 | 51455 | 70804 | 119135 | 13894 | 15741 | 19560 | 28035 |
| | 20 | 46045 | 58524 | 79981 | 127029 | 14604 | 17176 | 21267 | 29322 |
| | 40 | 49471 | 62699 | 85830 | 138287 | 15328 | 18001 | 22326 | 31122 |
| 6 | 5 | 42288 | 49115 | 69330 | 119135 | 13792 | 15254 | 19280 | 28035 |
| | 10 | 46857 | 55356 | 76530 | 119339 | 14777 | 16540 | 20631 | 28068 |
| | 20 | 51448 | 63767 | 85918 | 133727 | 15739 | 18210 | 22342 | 30398 |
| | 40 | 55260 | 67912 | 91001 | 145689 | 16520 | 19010 | 23247 | 32285 |
| 7 | 5 | 40059 | 47868 | 69330 | 119135 | 13300 | 14991 | 19280 | 28035 |
| | 10 | 43625 | 52273 | 72003 | 119135 | 14083 | 15910 | 19786 | 28035 |
| | 20 | 47259 | 59624 | 81224 | 128426 | 14862 | 17395 | 21494 | 29547 |
| | 40 | 50757 | 63908 | 87150 | 139832 | 15596 | 18237 | 22563 | 31366 |
| 8 | 5 | 42958 | 49747 | 69330 | 119135 | 13938 | 15386 | 19280 | 28035 |
| | 10 | 47716 | 56182 | 77743 | 120631 | 14959 | 16706 | 20856 | 28280 |
| | 20 | 52680 | 64877 | 87177 | 135156 | 15993 | 18425 | 22567 | 30625 |
| | 40 | 56557 | 69153 | 92359 | 144249 | 16782 | 19247 | 23486 | 32060 |

TABLE 6.111 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5587000 Macoupin Creek near Kane

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| Q7,10 | 10 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| 1 | 5 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 10 | 33287 | 37440 | 48018 | 83655 | 11754 | 12712 | 15023 | 21934 |
| | 20 | 35146 | 41229 | 51960 | 83655 | 12187 | 13559 | 15845 | 21934 |
| | 40 | 37827 | 44785 | 57184 | 101194 | 12800 | 14334 | 16908 | 25022 |
| 2 | 5 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 10 | 31224 | 36436 | 48018 | 83655 | 11265 | 12484 | 15023 | 21934 |
| | 20 | 32764 | 37649 | 48018 | 83655 | 11631 | 12759 | 15023 | 21934 |
| | 40 | 34597 | 40634 | 52603 | 91585 | 12060 | 13428 | 15978 | 23350 |
| 3 | 5 | 36344 | 40411 | 48437 | 83655 | 12463 | 13378 | 15111 | 21934 |
| | 10 | 40905 | 46667 | 56621 | 83655 | 13488 | 14737 | 16795 | 21934 |
| | 20 | 45658 | 52337 | 64115 | 94052 | 14521 | 15923 | 18277 | 23783 |
| | 40 | 49969 | 57619 | 77820 | 128937 | 15432 | 16995 | 20870 | 29630 |
| 4 | 5 | 31860 | 36436 | 48018 | 83655 | 11417 | 12484 | 15023 | 21934 |
| | 10 | 34261 | 38570 | 48018 | 83655 | 11982 | 12967 | 15023 | 21934 |
| | 20 | 36813 | 42777 | 53731 | 83655 | 12570 | 13899 | 16209 | 21934 |
| | 40 | 39697 | 46625 | 59226 | 105463 | 13220 | 14728 | 17316 | 25751 |
| 5 | 5 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 10 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 20 | 32517 | 37213 | 48018 | 83655 | 11573 | 12661 | 15023 | 21934 |
| | 40 | 34200 | 40145 | 52068 | 90456 | 11968 | 13319 | 15867 | 23150 |
| 6 | 5 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 10 | 31667 | 36436 | 48018 | 83655 | 11371 | 12484 | 15023 | 21934 |
| | 20 | 33297 | 38590 | 48983 | 83655 | 11757 | 12972 | 15226 | 21934 |
| | 40 | 35144 | 41690 | 53760 | 94026 | 12187 | 13661 | 16215 | 23779 |
| 7 | 5 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 10 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 20 | 32600 | 37360 | 48018 | 83655 | 11592 | 12694 | 15023 | 21934 |
| | 40 | 34333 | 40310 | 52248 | 90836 | 11999 | 13356 | 15905 | 23218 |
| 8 | 5 | 31198 | 36436 | 48018 | 83655 | 11259 | 12484 | 15023 | 21934 |
| | 10 | 31765 | 36436 | 48018 | 83655 | 11394 | 12484 | 15023 | 21934 |
| | 20 | 33415 | 38798 | 49207 | 83655 | 11784 | 13019 | 15273 | 21934 |
| | 40 | 35319 | 41923 | 54016 | 94565 | 12227 | 13712 | 16267 | 23873 |

TABLE 6.112 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5589500 Canteen Creek at Caseyville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 327 | 590 | 1173 | 3377 | 681 | 960 | 1442 | 2731 |
| Q7,10 | 10 | 327 | 590 | 1173 | 3377 | 681 | 960 | 1442 | 2731 |
| 1 | 5 | 441 | 590 | 1173 | 3377 | 811 | 960 | 1442 | 2731 |
| | 10 | 527 | 695 | 1173 | 3377 | 900 | 1057 | 1442 | 2731 |
| | 20 | 684 | 943 | 1451 | 3377 | 1048 | 1267 | 1637 | 2731 |
| | 40 | 843 | 1193 | 2057 | 5020 | 1185 | 1456 | 2019 | 3488 |
| 2 | 5 | 335 | 590 | 1173 | 3377 | 691 | 960 | 1442 | 2731 |
| | 10 | 383 | 590 | 1173 | 3377 | 747 | 960 | 1442 | 2731 |
| | 20 | 454 | 727 | 1202 | 3377 | 824 | 1087 | 1463 | 2731 |
| | 40 | 555 | 898 | 1597 | 4148 | 927 | 1230 | 1734 | 3099 |
| 3 | 5 | 664 | 825 | 1173 | 3377 | 1030 | 1170 | 1442 | 2731 |
| | 10 | 815 | 1012 | 1502 | 3377 | 1162 | 1321 | 1671 | 2731 |
| | 20 | 1124 | 1421 | 1980 | 3574 | 1406 | 1616 | 1974 | 2828 |
| | 40 | 1457 | 1997 | 3328 | 6726 | 1641 | 1983 | 2707 | 4187 |
| 4 | 5 | 433 | 590 | 1173 | 3377 | 803 | 960 | 1442 | 2731 |
| | 10 | 517 | 683 | 1173 | 3377 | 889 | 1047 | 1442 | 2731 |
| | 20 | 671 | 926 | 1432 | 3377 | 1036 | 1253 | 1624 | 2731 |
| | 40 | 822 | 1167 | 2017 | 4957 | 1168 | 1437 | 1995 | 3461 |
| 5 | 5 | 327 | 590 | 1173 | 3377 | 681 | 960 | 1442 | 2731 |
| | 10 | 358 | 590 | 1173 | 3377 | 718 | 960 | 1442 | 2731 |
| | 20 | 420 | 681 | 1173 | 3377 | 789 | 1046 | 1442 | 2731 |
| | 40 | 511 | 836 | 1498 | 4103 | 883 | 1179 | 1669 | 3079 |
| 6 | 5 | 343 | 590 | 1173 | 3377 | 701 | 960 | 1442 | 2731 |
| | 10 | 397 | 590 | 1173 | 3377 | 763 | 960 | 1442 | 2731 |
| | 20 | 473 | 753 | 1221 | 3377 | 844 | 1109 | 1476 | 2731 |
| | 40 | 580 | 932 | 1650 | 4250 | 951 | 1258 | 1768 | 3146 |
| 7 | 5 | 345 | 590 | 1173 | 3377 | 703 | 960 | 1442 | 2731 |
| | 10 | 400 | 590 | 1173 | 3377 | 766 | 960 | 1442 | 2731 |
| | 20 | 477 | 758 | 1227 | 3377 | 848 | 1113 | 1481 | 2731 |
| | 40 | 585 | 939 | 1661 | 4270 | 956 | 1263 | 1775 | 3155 |
| 8 | 5 | 395 | 590 | 1173 | 3377 | 761 | 960 | 1442 | 2731 |
| | 10 | 465 | 637 | 1173 | 3377 | 836 | 1005 | 1442 | 2731 |
| | 20 | 585 | 853 | 1342 | 3377 | 957 | 1193 | 1562 | 2731 |
| | 40 | 716 | 1067 | 1856 | 4655 | 1077 | 1363 | 1898 | 3328 |

TABLE 6.113 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5590000 Kaskaskia River at Bondville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 173 | 371 | 686 | 1724 | 472 | 733 | 1050 | 1815 |
| Q7,10 | 10 | 177 | 371 | 686 | 1724 | 479 | 733 | 1050 | 1815 |
| 1 | 5 | 288 | 408 | 686 | 1724 | 634 | 774 | 1050 | 1815 |
| | 10 | 300 | 473 | 763 | 1724 | 649 | 845 | 1117 | 1815 |
| | 20 | 362 | 555 | 852 | 1724 | 723 | 927 | 1193 | 1815 |
| | 40 | 395 | 589 | 913 | 2105 | 760 | 960 | 1242 | 2048 |
| 2 | 5 | 217 | 371 | 686 | 1724 | 538 | 733 | 1050 | 1815 |
| | 10 | 225 | 380 | 686 | 1724 | 549 | 743 | 1050 | 1815 |
| | 20 | 261 | 448 | 753 | 1724 | 598 | 818 | 1108 | 1815 |
| | 40 | 287 | 482 | 783 | 1947 | 632 | 853 | 1135 | 1953 |
| 3 | 5 | 355 | 473 | 686 | 1724 | 715 | 845 | 1050 | 1815 |
| | 10 | 400 | 567 | 862 | 1724 | 766 | 939 | 1201 | 1815 |
| | 20 | 471 | 654 | 950 | 1724 | 842 | 1021 | 1272 | 1815 |
| | 40 | 505 | 689 | 1045 | 2323 | 877 | 1052 | 1346 | 2173 |
| 4 | 5 | 253 | 374 | 686 | 1724 | 588 | 737 | 1050 | 1815 |
| | 10 | 259 | 427 | 713 | 1724 | 595 | 796 | 1074 | 1815 |
| | 20 | 311 | 502 | 802 | 1724 | 662 | 874 | 1151 | 1815 |
| | 40 | 340 | 536 | 846 | 2058 | 697 | 908 | 1188 | 2020 |
| 5 | 5 | 231 | 371 | 686 | 1724 | 557 | 733 | 1050 | 1815 |
| | 10 | 237 | 398 | 686 | 1724 | 567 | 763 | 1050 | 1815 |
| | 20 | 280 | 468 | 771 | 1724 | 623 | 840 | 1125 | 1815 |
| | 40 | 308 | 502 | 801 | 1989 | 658 | 874 | 1150 | 1978 |
| 6 | 5 | 271 | 391 | 686 | 1724 | 611 | 756 | 1050 | 1815 |
| | 10 | 275 | 450 | 738 | 1724 | 617 | 821 | 1096 | 1815 |
| | 20 | 334 | 528 | 827 | 1724 | 690 | 901 | 1172 | 1815 |
| | 40 | 367 | 563 | 882 | 2050 | 729 | 934 | 1218 | 2015 |
| 7 | 5 | 253 | 374 | 686 | 1724 | 588 | 737 | 1050 | 1815 |
| | 10 | 259 | 427 | 713 | 1724 | 595 | 796 | 1074 | 1815 |
| | 20 | 311 | 502 | 802 | 1724 | 662 | 874 | 1151 | 1815 |
| | 40 | 340 | 536 | 846 | 2058 | 697 | 908 | 1188 | 2020 |
| 8 | 5 | 309 | 428 | 686 | 1724 | 659 | 797 | 1050 | 1815 |
| | 10 | 331 | 503 | 794 | 1724 | 687 | 875 | 1144 | 1815 |
| | 20 | 396 | 588 | 883 | 1724 | 762 | 959 | 1218 | 1815 |
| | 40 | 430 | 622 | 950 | 2173 | 798 | 991 | 1272 | 2087 |

TABLE 6.114 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5592000 Kaskaskia River at Shelbyville

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| Q7,10 | 10 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| 1 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 55842 | 64756 | 84692 | 136400 | 16638 | 18402 | 22122 | 30823 |
| | 20 | 57941 | 68414 | 87418 | 136400 | 17060 | 19106 | 22610 | 30823 |
| | 40 | 60507 | 71896 | 92472 | 152413 | 17570 | 19766 | 23506 | 33328 |
| 2 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 20 | 55071 | 65067 | 84692 | 136400 | 16482 | 18462 | 22122 | 30823 |
| | 40 | 57389 | 68337 | 88589 | 144420 | 16949 | 19091 | 22819 | 32087 |
| 3 | 5 | 56819 | 64756 | 84692 | 136400 | 16835 | 18402 | 22122 | 30823 |
| | 10 | 60225 | 69738 | 86322 | 136400 | 17514 | 19358 | 22415 | 30823 |
| | 20 | 63347 | 74619 | 93890 | 136400 | 18128 | 20276 | 23755 | 30823 |
| | 40 | 66508 | 78495 | 99610 | 167263 | 18740 | 20994 | 24749 | 35592 |
| 4 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 55715 | 64756 | 84692 | 136400 | 16612 | 18402 | 22122 | 30823 |
| | 20 | 57769 | 68215 | 87210 | 136400 | 17025 | 19068 | 22573 | 30823 |
| | 40 | 60322 | 71684 | 92241 | 151936 | 17533 | 19726 | 23465 | 33255 |
| 5 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 20 | 55250 | 65292 | 84692 | 136400 | 16518 | 18506 | 22122 | 30823 |
| | 40 | 57600 | 68576 | 88850 | 144958 | 16992 | 19137 | 22866 | 32171 |
| 6 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 55359 | 64756 | 84692 | 136400 | 16540 | 18402 | 22122 | 30823 |
| | 20 | 57285 | 67657 | 86629 | 136400 | 16928 | 18961 | 22469 | 30823 |
| | 40 | 59803 | 71090 | 91592 | 150602 | 17431 | 19614 | 23351 | 33049 |
| 7 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 20 | 56064 | 66248 | 85164 | 136400 | 16683 | 18690 | 22207 | 30823 |
| | 40 | 58492 | 69593 | 89958 | 147238 | 17170 | 19330 | 23062 | 32527 |
| 8 | 5 | 54801 | 64756 | 84692 | 136400 | 16427 | 18402 | 22122 | 30823 |
| | 10 | 56275 | 65089 | 84692 | 136400 | 16725 | 18466 | 22122 | 30823 |
| | 20 | 58532 | 69097 | 88128 | 136400 | 17178 | 19236 | 22737 | 30823 |
| | 40 | 61140 | 72622 | 93265 | 154044 | 17695 | 19903 | 23645 | 33580 |

TABLE 6.115 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5592500 Kaskaskia River at Vandalia

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 97765 | 111815 | 145256 | 224188 | 24430 | 26821 | 32218 | 43846 |
| Q7,10 | 10 | 98335 | 111815 | 145256 | 224188 | 24529 | 26821 | 32218 | 43846 |
| 1 | 5 | 100827 | 111815 | 145256 | 224188 | 24959 | 26821 | 32218 | 43846 |
| | 10 | 107905 | 121359 | 149268 | 224188 | 26164 | 28400 | 32842 | 43846 |
| | 20 | 114688 | 131445 | 164912 | 236040 | 27300 | 30033 | 35237 | 45495 |
| | 40 | 121578 | 141671 | 178813 | 288539 | 28435 | 31656 | 37317 | 52575 |
| 2 | 5 | 97765 | 111815 | 145256 | 224188 | 24430 | 26821 | 32218 | 43846 |
| | 10 | 99497 | 111815 | 145256 | 224188 | 24730 | 26821 | 32218 | 43846 |
| | 20 | 102849 | 119099 | 149685 | 224188 | 25305 | 28029 | 32907 | 43846 |
| | 40 | 108047 | 126601 | 162089 | 253249 | 26188 | 29252 | 34809 | 47854 |
| 3 | 5 | 110859 | 123951 | 149033 | 224188 | 26661 | 28822 | 32805 | 43846 |
| | 10 | 122916 | 139913 | 170722 | 237012 | 28654 | 31379 | 36112 | 45630 |
| | 20 | 133403 | 153735 | 189550 | 263723 | 30346 | 33532 | 38896 | 49271 |
| | 40 | 144090 | 166536 | 206245 | 345049 | 32035 | 35482 | 41308 | 59856 |
| 4 | 5 | 98981 | 111815 | 145256 | 224188 | 24641 | 26821 | 32218 | 43846 |
| | 10 | 105189 | 118948 | 146110 | 224188 | 25704 | 28004 | 32351 | 43846 |
| | 20 | 111475 | 128408 | 161138 | 231674 | 26764 | 29544 | 34665 | 44890 |
| | 40 | 117911 | 137920 | 174667 | 279253 | 27833 | 31064 | 36701 | 51347 |
| 5 | 5 | 97765 | 111815 | 145256 | 224188 | 24430 | 26821 | 32218 | 43846 |
| | 10 | 101530 | 114651 | 145256 | 224188 | 25079 | 27294 | 32218 | 43846 |
| | 20 | 105891 | 123064 | 154516 | 224188 | 25823 | 28678 | 33652 | 43846 |
| | 40 | 111528 | 131335 | 167394 | 264747 | 26773 | 30015 | 35612 | 49409 |
| 6 | 5 | 99357 | 111815 | 145256 | 224188 | 24705 | 26821 | 32218 | 43846 |
| | 10 | 105743 | 119440 | 146754 | 224188 | 25798 | 28085 | 32451 | 43846 |
| | 20 | 112131 | 129028 | 161908 | 232565 | 26874 | 29644 | 34782 | 45014 |
| | 40 | 118661 | 138685 | 175513 | 281142 | 27957 | 31185 | 36827 | 51597 |
| 7 | 5 | 97765 | 111815 | 145256 | 224188 | 24430 | 26821 | 32218 | 43846 |
| | 10 | 102441 | 116511 | 145256 | 224188 | 25235 | 27602 | 32218 | 43846 |
| | 20 | 108214 | 125333 | 157325 | 227261 | 26216 | 29047 | 34083 | 44276 |
| | 40 | 114185 | 134129 | 170479 | 270876 | 27216 | 30462 | 36075 | 50231 |
| 8 | 5 | 100681 | 111815 | 145256 | 224188 | 24933 | 26821 | 32218 | 43846 |
| | 10 | 109086 | 122422 | 150660 | 224188 | 26363 | 28573 | 33057 | 43846 |
| | 20 | 116100 | 132782 | 166575 | 237964 | 27534 | 30247 | 35488 | 45761 |
| | 40 | 123188 | 143323 | 180639 | 292651 | 28698 | 31915 | 37588 | 53115 |

TABLE 6.116 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5593000 Kaskaskia River at Carlyle

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 27106 | 52064 | 105801 | 223003 | 10259 | 15867 | 25808 | 43680 |
| Q7,10 | 10 | 33805 | 53305 | 105801 | 223003 | 11875 | 16122 | 25808 | 43680 |
| 1 | 5 | 34717 | 52064 | 105801 | 223003 | 12088 | 15867 | 25808 | 43680 |
| | 10 | 44751 | 64326 | 105801 | 223003 | 14327 | 18318 | 25808 | 43680 |
| | 20 | 55869 | 82525 | 129529 | 241045 | 16643 | 21730 | 29725 | 46186 |
| | 40 | 67180 | 98935 | 154753 | 323076 | 18869 | 24633 | 33689 | 57061 |
| 2 | 5 | 27106 | 52064 | 105801 | 223003 | 10259 | 15867 | 25808 | 43680 |
| | 10 | 31580 | 52064 | 105801 | 223003 | 11350 | 15867 | 25808 | 43680 |
| | 20 | 37857 | 63627 | 109753 | 223003 | 12807 | 18182 | 26475 | 43680 |
| | 40 | 45701 | 75960 | 129947 | 271494 | 14530 | 20526 | 29792 | 50313 |
| 3 | 5 | 64843 | 83964 | 121967 | 223003 | 18419 | 21990 | 28499 | 43680 |
| | 10 | 85419 | 110597 | 158967 | 260294 | 22252 | 26617 | 34334 | 48809 |
| | 20 | 107691 | 135475 | 191276 | 306295 | 26128 | 30676 | 39148 | 54896 |
| | 40 | 128650 | 161805 | 222521 | 444594 | 29584 | 34766 | 43613 | 72041 |
| 4 | 5 | 37849 | 52064 | 105801 | 223003 | 12805 | 15867 | 25808 | 43680 |
| | 10 | 48946 | 68420 | 110763 | 223003 | 15218 | 19107 | 26645 | 43680 |
| | 20 | 61887 | 88102 | 135666 | 248260 | 17842 | 22733 | 30706 | 47175 |
| | 40 | 73876 | 105594 | 162032 | 336713 | 20138 | 25773 | 34801 | 58801 |
| 5 | 5 | 28059 | 52064 | 105801 | 223003 | 10496 | 15867 | 25808 | 43680 |
| | 10 | 35416 | 55631 | 105801 | 223003 | 12249 | 16595 | 25808 | 43680 |
| | 20 | 42880 | 70980 | 117692 | 225855 | 13921 | 19593 | 27797 | 44079 |
| | 40 | 51986 | 84767 | 139383 | 292697 | 15851 | 22135 | 31295 | 53121 |
| 6 | 5 | 33347 | 52064 | 105801 | 223003 | 11768 | 15867 | 25808 | 43680 |
| | 10 | 42746 | 62442 | 105801 | 223003 | 13892 | 17951 | 25808 | 43680 |
| | 20 | 53036 | 79955 | 126709 | 237738 | 16067 | 21262 | 29270 | 45730 |
| | 40 | 63917 | 95869 | 151412 | 316819 | 18239 | 24101 | 33174 | 56257 |
| 7 | 5 | 28620 | 52064 | 105801 | 223003 | 10634 | 15867 | 25808 | 43680 |
| | 10 | 36204 | 56373 | 105801 | 223003 | 12430 | 16745 | 25808 | 43680 |
| | 20 | 43978 | 71650 | 118789 | 227142 | 14160 | 19720 | 27978 | 44259 |
| | 40 | 53268 | 85978 | 140689 | 295333 | 16114 | 22353 | 31501 | 53467 |
| 8 | 5 | 34168 | 52064 | 105801 | 223003 | 11960 | 15867 | 25808 | 43680 |
| | 10 | 43884 | 63510 | 105801 | 223003 | 14139 | 18159 | 25808 | 43680 |
| | 20 | 54643 | 81412 | 128307 | 239611 | 16395 | 21528 | 29528 | 45988 |
| | 40 | 65769 | 97607 | 153305 | 320364 | 18598 | 24403 | 33466 | 56713 |

TABLE 6.117 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5594000 Shoal Creek near Breese

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 31286 | 36256 | 46943 | 72864 | 11280 | 12442 | 14795 | 19948 |
| Q7,10 | 10 | 31286 | 36256 | 46943 | 72864 | 11280 | 12442 | 14795 | 19948 |
| 1 | 5 | 31597 | 36256 | 46943 | 72864 | 11354 | 12442 | 14795 | 19948 |
| | 10 | 33411 | 37467 | 46943 | 72864 | 11783 | 12718 | 14795 | 19948 |
| | 20 | 35461 | 41161 | 51813 | 74895 | 12260 | 13544 | 15815 | 20328 |
| | 40 | 37868 | 44268 | 56392 | 92026 | 12809 | 14222 | 16749 | 23428 |
| 2 | 5 | 31286 | 36256 | 46943 | 72864 | 11280 | 12442 | 14795 | 19948 |
| | 10 | 31571 | 36256 | 46943 | 72864 | 11348 | 12442 | 14795 | 19948 |
| | 20 | 32890 | 37663 | 47636 | 72864 | 11661 | 12763 | 14942 | 19948 |
| | 40 | 34698 | 40261 | 51684 | 81218 | 12083 | 13345 | 15788 | 21492 |
| 3 | 5 | 36197 | 40063 | 47932 | 72864 | 12429 | 13301 | 15005 | 19948 |
| | 10 | 40331 | 45740 | 55901 | 77426 | 13361 | 14539 | 16650 | 20797 |
| | 20 | 44961 | 51664 | 63341 | 87965 | 14372 | 15784 | 18127 | 22708 |
| | 40 | 48673 | 56224 | 69358 | 119024 | 15161 | 16715 | 19286 | 28016 |
| 4 | 5 | 32153 | 36256 | 46943 | 72864 | 11487 | 12442 | 14795 | 19948 |
| | 10 | 34274 | 38249 | 46943 | 72864 | 11985 | 12895 | 14795 | 19948 |
| | 20 | 36643 | 42254 | 53150 | 76499 | 12531 | 13784 | 16090 | 20626 |
| | 40 | 39153 | 45559 | 57900 | 95483 | 13098 | 14500 | 17052 | 24033 |
| 5 | 5 | 31286 | 36256 | 46943 | 72864 | 11280 | 12442 | 14795 | 19948 |
| | 10 | 31834 | 36256 | 46943 | 72864 | 11411 | 12442 | 14795 | 19948 |
| | 20 | 33235 | 38198 | 48250 | 72864 | 11742 | 12884 | 15072 | 19948 |
| | 40 | 34848 | 40842 | 52376 | 82842 | 12118 | 13474 | 15931 | 21787 |
| 6 | 5 | 31286 | 36256 | 46943 | 72864 | 11280 | 12442 | 14795 | 19948 |
| | 10 | 32640 | 36469 | 46943 | 72864 | 11602 | 12491 | 14795 | 19948 |
| | 20 | 34264 | 39771 | 50116 | 74319 | 11983 | 13236 | 15463 | 20220 |
| | 40 | 36234 | 42628 | 54479 | 87744 | 12437 | 13866 | 16361 | 22669 |
| 7 | 5 | 31286 | 36256 | 46943 | 72864 | 11280 | 12442 | 14795 | 19948 |
| | 10 | 32296 | 36256 | 46943 | 72864 | 11520 | 12442 | 14795 | 19948 |
| | 20 | 33825 | 39117 | 49321 | 73380 | 11880 | 13090 | 15297 | 20045 |
| | 40 | 35643 | 41859 | 53582 | 85691 | 12302 | 13698 | 16178 | 22301 |
| 8 | 5 | 31468 | 36256 | 46943 | 72864 | 11323 | 12442 | 14795 | 19948 |
| | 10 | 33500 | 37285 | 46943 | 72864 | 11804 | 12677 | 14795 | 19948 |
| | 20 | 35184 | 40906 | 51501 | 75954 | 12196 | 13488 | 15750 | 20525 |
| | 40 | 37567 | 43966 | 56040 | 91236 | 12741 | 14157 | 16678 | 23288 |

TABLE 6.118 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5595000 Kaskaskia River at New Athens

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 42550 | 78824 | 167191 | 369884 | 13849 | 21054 | 35581 | 62965 |
| Q7,10 | 10 | 50295 | 80860 | 167191 | 369884 | 15500 | 21427 | 35581 | 62965 |
| 1 | 5 | 59604 | 82403 | 167191 | 369884 | 17391 | 21708 | 35581 | 62965 |
| | 10 | 76419 | 108174 | 183347 | 369884 | 20611 | 26209 | 37987 | 62965 |
| | 20 | 100143 | 143389 | 228012 | 417509 | 24841 | 31925 | 44381 | 68795 |
| | 40 | 121496 | 173392 | 268391 | 547958 | 28422 | 36511 | 49898 | 84042 |
| 2 | 5 | 42550 | 78824 | 167191 | 369884 | 13849 | 21054 | 35581 | 62965 |
| | 10 | 49956 | 79952 | 167191 | 369884 | 15429 | 21261 | 35581 | 62965 |
| | 20 | 62391 | 105127 | 184382 | 369884 | 17941 | 25693 | 38139 | 62965 |
| | 40 | 75012 | 127569 | 218806 | 456149 | 20350 | 29409 | 43090 | 73412 |
| 3 | 5 | 99206 | 127395 | 190175 | 369884 | 24679 | 29381 | 38988 | 62965 |
| | 10 | 133704 | 178338 | 256810 | 427083 | 30394 | 37247 | 48338 | 69947 |
| | 20 | 173183 | 224297 | 311605 | 515504 | 36480 | 43862 | 55584 | 80334 |
| | 40 | 206358 | 261646 | 370154 | 730653 | 41324 | 48991 | 62999 | 104090 |
| 4 | 5 | 57319 | 79662 | 167191 | 369884 | 16935 | 21208 | 35581 | 62965 |
| | 10 | 73348 | 103544 | 178509 | 369884 | 20039 | 25424 | 37272 | 62965 |
| | 20 | 95809 | 138100 | 224486 | 411296 | 24090 | 31093 | 43888 | 68043 |
| | 40 | 116190 | 167569 | 261876 | 535420 | 27549 | 35638 | 49022 | 82615 |
| 5 | 5 | 50329 | 78824 | 167191 | 369884 | 15507 | 21054 | 35581 | 62965 |
| | 10 | 63945 | 94657 | 167191 | 369884 | 18244 | 23889 | 35581 | 62965 |
| | 20 | 82841 | 126156 | 209547 | 393827 | 21787 | 29180 | 41779 | 65916 |
| | 40 | 100013 | 152525 | 245056 | 505242 | 24819 | 33346 | 46736 | 79151 |
| 6 | 5 | 61284 | 84784 | 167191 | 369884 | 17723 | 22138 | 35581 | 62965 |
| | 10 | 78857 | 111855 | 187204 | 369884 | 21060 | 26828 | 38553 | 62965 |
| | 20 | 103584 | 147596 | 232295 | 422475 | 25431 | 32582 | 44977 | 69393 |
| | 40 | 125702 | 178031 | 273590 | 557976 | 29107 | 37202 | 50593 | 85176 |
| 7 | 5 | 52450 | 78824 | 167191 | 369884 | 15946 | 21054 | 35581 | 62965 |
| | 10 | 66800 | 97303 | 169382 | 369884 | 18796 | 24350 | 35911 | 62965 |
| | 20 | 86587 | 129330 | 214034 | 399066 | 22462 | 29693 | 42416 | 66556 |
| | 40 | 104912 | 157044 | 250096 | 514231 | 25657 | 34040 | 47425 | 80187 |
| 8 | 5 | 64419 | 88917 | 167191 | 369884 | 18336 | 22878 | 35581 | 62965 |
| | 10 | 82840 | 118250 | 193929 | 369884 | 21787 | 27889 | 39534 | 62965 |
| | 20 | 109546 | 154914 | 239767 | 431154 | 26440 | 33713 | 46010 | 70436 |
| | 40 | 132351 | 186114 | 282663 | 575478 | 30178 | 38394 | 51799 | 87147 |

TABLE 6.119 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5596000 Big Muddy River near Benton

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| Q7,10 | 10 | 18943 | 25037 | 35476 | 66326 | 8112 | 9736 | 12263 | 18705 |
| 1 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 20 | 9694 | 15871 | 27517 | 66326 | 5273 | 7233 | 10361 | 18705 |
| | 40 | 10857 | 17690 | 30659 | 70977 | 5667 | 7759 | 11129 | 19593 |
| 2 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 20 | 8656 | 15026 | 27517 | 66326 | 4908 | 6981 | 10361 | 18705 |
| | 40 | 9729 | 16321 | 29093 | 68654 | 5286 | 7364 | 10750 | 19151 |
| 3 | 5 | 10586 | 15042 | 27517 | 66326 | 5577 | 6986 | 10361 | 18705 |
| | 10 | 12652 | 18684 | 28554 | 66326 | 6250 | 8040 | 10618 | 18705 |
| | 20 | 14907 | 21781 | 33580 | 66326 | 6946 | 8886 | 11823 | 18705 |
| | 40 | 16492 | 24311 | 38449 | 80836 | 7414 | 9550 | 12940 | 21423 |
| 4 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 9730 | 15171 | 27517 | 66326 | 5286 | 7025 | 10361 | 18705 |
| | 20 | 11191 | 17694 | 29176 | 66326 | 5778 | 7760 | 10770 | 18705 |
| | 40 | 12491 | 19744 | 33034 | 72709 | 6199 | 8334 | 11695 | 19919 |
| 5 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 20 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 40 | 9451 | 15985 | 28712 | 68090 | 5189 | 7266 | 10656 | 19044 |
| 6 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 20 | 8838 | 15026 | 27517 | 66326 | 4973 | 6981 | 10361 | 18705 |
| | 40 | 9927 | 16559 | 29365 | 69057 | 5354 | 7434 | 10816 | 19228 |
| 7 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 20 | 8824 | 15026 | 27517 | 66326 | 4968 | 6981 | 10361 | 18705 |
| | 40 | 9912 | 16542 | 29344 | 69026 | 5348 | 7429 | 10811 | 19222 |
| 8 | 5 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 10 | 8562 | 15026 | 27517 | 66326 | 4874 | 6981 | 10361 | 18705 |
| | 20 | 9517 | 15754 | 27517 | 66326 | 5212 | 7198 | 10361 | 18705 |
| | 40 | 10664 | 17455 | 30388 | 70575 | 5603 | 7692 | 11064 | 19517 |

TABLE 6.120 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5597000 Big Muddy River at Plumfield

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| Q7,10 | 10 | 27123 | 36593 | 51358 | 121771 | 10263 | 12519 | 15721 | 28467 |
| 1 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 15617 | 25604 | 48777 | 121771 | 7157 | 9881 | 15183 | 28467 |
| | 20 | 17264 | 27872 | 48777 | 121771 | 7637 | 10450 | 15183 | 28467 |
| | 40 | 18538 | 30219 | 55462 | 129838 | 7999 | 11023 | 16561 | 29775 |
| 2 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 20 | 15566 | 26117 | 48777 | 121771 | 7142 | 10011 | 15183 | 28467 |
| | 40 | 16822 | 27861 | 52133 | 125808 | 7510 | 10447 | 15881 | 29124 |
| 3 | 5 | 17606 | 27368 | 48777 | 121771 | 7735 | 10324 | 15183 | 28467 |
| | 10 | 22688 | 32249 | 48777 | 121771 | 9126 | 11509 | 15183 | 28467 |
| | 20 | 24439 | 35317 | 54972 | 121771 | 9583 | 12227 | 16462 | 28467 |
| | 40 | 25601 | 40144 | 70947 | 147311 | 9880 | 13319 | 19587 | 32538 |
| 4 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 18007 | 27889 | 48777 | 121771 | 7849 | 10454 | 15183 | 28467 |
| | 20 | 19806 | 30433 | 49065 | 121771 | 8351 | 11075 | 15243 | 28467 |
| | 40 | 21008 | 33651 | 60332 | 135785 | 8678 | 11839 | 17535 | 30725 |
| 5 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 20 | 15320 | 25873 | 48777 | 121771 | 7069 | 9949 | 15183 | 28467 |
| | 40 | 16648 | 27533 | 51673 | 125253 | 7460 | 10365 | 15786 | 29034 |
| 6 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 20 | 16071 | 26618 | 48777 | 121771 | 7291 | 10137 | 15183 | 28467 |
| | 40 | 17315 | 28535 | 53083 | 126955 | 7652 | 10613 | 16076 | 29310 |
| 7 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 20 | 16240 | 26787 | 48777 | 121771 | 7341 | 10179 | 15183 | 28467 |
| | 40 | 17480 | 28761 | 53403 | 127342 | 7699 | 10669 | 16142 | 29372 |
| 8 | 5 | 15134 | 25466 | 48777 | 121771 | 7014 | 9846 | 15183 | 28467 |
| | 10 | 15822 | 25795 | 48777 | 121771 | 7218 | 9929 | 15183 | 28467 |
| | 20 | 17478 | 28086 | 48777 | 121771 | 7699 | 10502 | 15183 | 28467 |
| | 40 | 18745 | 30506 | 55868 | 130333 | 8057 | 11093 | 16643 | 29854 |

TABLE 6.121 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5599000 Beaucoup Creek near Matthews

| | | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF | | | | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF | | | |
|---|---|---|---|---|---|---|---|---|---|
| LEVEL | T,YR | 2 | 5 | 10 | 20 | 2 | 5 | 10 | 20 |
| 0 | 40 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| Q7,10 | 10 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| 1 | 5 | 4195 | 6717 | 12551 | 32426 | 3121 | 4183 | 6218 | 11551 |
| | 10 | 5048 | 7703 | 12551 | 32426 | 3500 | 4560 | 6218 | 11551 |
| | 20 | 5665 | 8451 | 13512 | 32426 | 3761 | 4834 | 6520 | 11551 |
| | 40 | 6143 | 9622 | 16702 | 37261 | 3956 | 5248 | 7475 | 12672 |
| 2 | 5 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 10 | 4070 | 6717 | 12551 | 32426 | 3063 | 4183 | 6218 | 11551 |
| | 20 | 4538 | 7349 | 12551 | 32426 | 3276 | 4426 | 6218 | 11551 |
| | 40 | 5029 | 8167 | 14552 | 35258 | 3492 | 4731 | 6838 | 12213 |
| 3 | 5 | 6362 | 8581 | 12705 | 32426 | 4043 | 4881 | 6267 | 11551 |
| | 10 | 7701 | 10322 | 14489 | 32426 | 4559 | 5488 | 6819 | 11551 |
| | 20 | 8448 | 11257 | 17028 | 32766 | 4833 | 5800 | 7570 | 11631 |
| | 40 | 9618 | 13179 | 22162 | 44373 | 5247 | 6416 | 8987 | 14245 |
| 4 | 5 | 4380 | 6717 | 12551 | 32426 | 3205 | 4183 | 6218 | 11551 |
| | 10 | 5307 | 7982 | 12551 | 32426 | 3610 | 4663 | 6218 | 11551 |
| | 20 | 5958 | 8737 | 13875 | 32426 | 3881 | 4937 | 6632 | 11551 |
| | 40 | 6430 | 9997 | 17305 | 38000 | 4070 | 5377 | 7649 | 12839 |
| 5 | 5 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 10 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 20 | 3887 | 6761 | 12551 | 32426 | 2978 | 4200 | 6218 | 11551 |
| | 40 | 4408 | 7358 | 13454 | 33698 | 3218 | 4430 | 6502 | 11850 |
| 6 | 5 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 10 | 3982 | 6717 | 12551 | 32426 | 3022 | 4183 | 6218 | 11551 |
| | 20 | 4436 | 7251 | 12551 | 32426 | 3231 | 4389 | 6218 | 11551 |
| | 40 | 4929 | 8039 | 14378 | 35009 | 3449 | 4684 | 6786 | 12155 |
| 7 | 5 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 10 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 20 | 4276 | 7098 | 12551 | 32426 | 3158 | 4331 | 6218 | 11551 |
| | 40 | 4773 | 7840 | 14107 | 34623 | 3380 | 4610 | 6703 | 12066 |
| 8 | 5 | 3877 | 6717 | 12551 | 32426 | 2973 | 4183 | 6218 | 11551 |
| | 10 | 4604 | 7225 | 12551 | 32426 | 3306 | 4379 | 6218 | 11551 |
| | 20 | 5160 | 7960 | 12891 | 32426 | 3548 | 4655 | 6326 | 11551 |
| | 40 | 5649 | 8973 | 15681 | 36001 | 3754 | 5021 | 7176 | 12384 |

TABLE 6.122 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5599500 Big Muddy River at Murphysboro

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 8417 | 31575 | 85961 | 247005 | 4822 | 11349 | 22350 | 47003 |
| Q7,10 | 10 | 13857 | 34144 | 85961 | 247005 | 6626 | 11954 | 22350 | 47003 |
| 1 | 5 | 10236 | 31575 | 85961 | 247005 | 5459 | 11349 | 22350 | 47003 |
| | 10 | 17808 | 39487 | 85961 | 247005 | 7793 | 13173 | 22350 | 47003 |
| | 20 | 24135 | 50658 | 102209 | 247005 | 9504 | 15576 | 25196 | 47003 |
| | 40 | 29117 | 60738 | 123235 | 310213 | 10756 | 17616 | 28706 | 55404 |
| 2 | 5 | 8417 | 31575 | 85961 | 247005 | 4822 | 11349 | 22350 | 47003 |
| | 10 | 10496 | 31575 | 85961 | 247005 | 5547 | 11349 | 22350 | 47003 |
| | 20 | 14605 | 38677 | 86882 | 247005 | 6855 | 12991 | 22515 | 47003 |
| | 40 | 18838 | 46177 | 104697 | 278693 | 8083 | 14632 | 25620 | 51272 |
| 3 | 5 | 31110 | 50412 | 88130 | 247005 | 11238 | 15525 | 22738 | 47003 |
| | 10 | 45192 | 70243 | 118064 | 247005 | 14421 | 19454 | 27858 | 47003 |
| | 20 | 57678 | 88245 | 147838 | 290662 | 17007 | 22758 | 32620 | 52854 |
| | 40 | 69255 | 106349 | 178894 | 402523 | 19266 | 25901 | 37329 | 66978 |
| 4 | 5 | 12599 | 31575 | 85961 | 247005 | 6233 | 11349 | 22350 | 47003 |
| | 10 | 21298 | 43467 | 86535 | 247005 | 8757 | 14049 | 22453 | 47003 |
| | 20 | 28526 | 55611 | 108521 | 247005 | 10611 | 16591 | 26268 | 47003 |
| | 40 | 34124 | 66747 | 130763 | 323204 | 11950 | 18786 | 29923 | 57078 |
| 5 | 5 | 8417 | 31575 | 85961 | 247005 | 4822 | 11349 | 22350 | 47003 |
| | 10 | 12602 | 32441 | 85961 | 247005 | 6234 | 11555 | 22350 | 47003 |
| | 20 | 17389 | 42223 | 91344 | 247005 | 7673 | 13778 | 23307 | 47003 |
| | 40 | 21842 | 50420 | 110107 | 287864 | 8902 | 15526 | 26535 | 52486 |
| 6 | 5 | 9198 | 31575 | 85961 | 247005 | 5100 | 11349 | 22350 | 47003 |
| | 10 | 16052 | 37111 | 85961 | 247005 | 7286 | 12637 | 22350 | 47003 |
| | 20 | 21867 | 47780 | 98560 | 247005 | 8909 | 14973 | 24568 | 47003 |
| | 40 | 26674 | 57269 | 118850 | 302704 | 10151 | 16925 | 27988 | 54429 |
| 7 | 5 | 8919 | 31575 | 85961 | 247005 | 5002 | 11349 | 22350 | 47003 |
| | 10 | 15580 | 36474 | 85961 | 247005 | 7146 | 12492 | 22350 | 47003 |
| | 20 | 21257 | 47001 | 97577 | 247005 | 8746 | 14808 | 24398 | 47003 |
| | 40 | 26016 | 56337 | 117659 | 300682 | 9985 | 16738 | 27792 | 54166 |
| 8 | 5 | 13085 | 31575 | 85961 | 247005 | 6387 | 11349 | 22350 | 47003 |
| | 10 | 21927 | 44101 | 87313 | 247005 | 8925 | 14186 | 22592 | 47003 |
| | 20 | 29300 | 56370 | 109489 | 247005 | 10800 | 16745 | 26431 | 47003 |
| | 40 | 35059 | 67668 | 131916 | 325199 | 12167 | 18963 | 30108 | 57333 |

TABLE 6.123 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5600000 Big Creek near Wetaug

| LEVEL | T,YR | STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 | RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2 | 5 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 40 | 100 | 356 | 1034 | 2956 | 346 | 716 | 1337 | 2517 |
| Q7,10 | 10 | 100 | 356 | 1034 | 2956 | 346 | 716 | 1337 | 2517 |
| 1 | 5 | 202 | 422 | 1034 | 2956 | 516 | 790 | 1337 | 2517 |
| | 10 | 258 | 523 | 1034 | 2956 | 595 | 895 | 1337 | 2517 |
| | 20 | 340 | 653 | 1326 | 3114 | 697 | 1019 | 1551 | 2598 |
| | 40 | 369 | 784 | 1618 | 3650 | 730 | 1135 | 1748 | 2864 |
| 2 | 5 | 123 | 356 | 1034 | 2956 | 389 | 716 | 1337 | 2517 |
| | 10 | 165 | 387 | 1034 | 2956 | 460 | 751 | 1337 | 2517 |
| | 20 | 206 | 491 | 1086 | 2956 | 522 | 863 | 1377 | 2517 |
| | 40 | 230 | 571 | 1327 | 3303 | 557 | 942 | 1552 | 2694 |
| 3 | 5 | 707 | 952 | 1357 | 2956 | 1069 | 1273 | 1573 | 2517 |
| | 10 | 881 | 1199 | 1944 | 3674 | 1216 | 1461 | 1952 | 2876 |
| | 20 | 1123 | 1591 | 2519 | 4556 | 1405 | 1730 | 2283 | 3284 |
| | 40 | 1373 | 1936 | 2963 | 5577 | 1584 | 1947 | 2521 | 3724 |
| 4 | 5 | 335 | 556 | 1034 | 2956 | 691 | 929 | 1337 | 2517 |
| | 10 | 419 | 682 | 1212 | 2956 | 787 | 1046 | 1470 | 2517 |
| | 20 | 530 | 839 | 1610 | 3465 | 902 | 1182 | 1742 | 2774 |
| | 40 | 621 | 1022 | 1958 | 4055 | 990 | 1328 | 1960 | 3056 |
| 5 | 5 | 124 | 356 | 1034 | 2956 | 392 | 716 | 1337 | 2517 |
| | 10 | 167 | 389 | 1034 | 2956 | 463 | 754 | 1337 | 2517 |
| | 20 | 208 | 494 | 1090 | 2956 | 526 | 867 | 1380 | 2517 |
| | 40 | 233 | 575 | 1333 | 3310 | 561 | 946 | 1556 | 2698 |
| 6 | 5 | 168 | 375 | 1034 | 2956 | 465 | 738 | 1337 | 2517 |
| | 10 | 218 | 467 | 1034 | 2956 | 540 | 838 | 1337 | 2517 |
| | 20 | 283 | 587 | 1227 | 2990 | 627 | 958 | 1481 | 2535 |
| | 40 | 309 | 696 | 1499 | 3507 | 659 | 1058 | 1669 | 2795 |
| 7 | 5 | 166 | 373 | 1034 | 2956 | 462 | 735 | 1337 | 2517 |
| | 10 | 216 | 464 | 1034 | 2956 | 537 | 835 | 1337 | 2517 |
| | 20 | 281 | 584 | 1223 | 2985 | 624 | 955 | 1478 | 2532 |
| | 40 | 306 | 692 | 1493 | 3500 | 656 | 1055 | 1665 | 2792 |
| 8 | 5 | 228 | 449 | 1034 | 2956 | 554 | 819 | 1337 | 2517 |
| | 10 | 290 | 555 | 1059 | 2956 | 636 | 927 | 1357 | 2517 |
| | 20 | 377 | 690 | 1383 | 3184 | 741 | 1053 | 1591 | 2634 |
| | 40 | 418 | 833 | 1687 | 3731 | 786 | 1177 | 1792 | 2903 |

TABLE 7

For the low-flow condition, as represented by minimum low-flow releases, Q1 through Q8 (Q1 through Q8 correspond to criteria C1 through C8), the velocity and depth obtained from hydraulic geometry apply to the flow conditions at a riffle. The fish suitability indexes or preferences are given for juvenile and adult populations for each of the 9 fish identified in the tables and 8 low-flow releases. The indexes are given as MIN and GM. The MIN denotes the minimum of the two preferences (one derived for velocity and the other for depth) and the GM is the geometric mean of the two preferences.

TABLE 7.001 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3336900 Salt Fork near St. Joseph

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .08 | .42 | .05 | .20 | .10 | .09 | .09 | .07 |
| | | GM | .24 | .48 | .19 | .35 | .26 | .25 | .26 | .23 |
| | ADULT | MIN | .17 | .25 | .15 | .22 | .18 | .18 | .18 | .16 |
| | | GM | .41 | .49 | .38 | .47 | .43 | .42 | .42 | .41 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .09 | .11 | .09 | .10 | .10 | .10 | .11 |
| | | GM | .27 | .27 | .26 | .28 | .27 | .27 | .27 | .27 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .15 | .13 | .16 | .14 | .15 | .15 | .15 | .16 |
| | | GM | .34 | .34 | .32 | .35 | .34 | .34 | .34 | .33 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.002 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3337000 Boneyard Creek at Urbana

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .33 | .41 | .11 | .50 | .45 | .50 | .45 | .50 |
| | | GM | .43 | .60 | .26 | .63 | .61 | .61 | .61 | .62 |
| | ADULT | MIN | .24 | .39 | .19 | .32 | .33 | .29 | .33 | .30 |
| | | GM | .48 | .58 | .44 | .54 | .54 | .52 | .54 | .52 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .09 | .08 | .10 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .27 | .27 | .28 | .28 | .28 | .28 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .13 | .12 | .14 | .12 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .34 | .34 | .35 | .35 | .35 | .35 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.003 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3337500 West Branch Salt Fork at Urbana

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .02 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .67 | .23 | .60 | .36 | .45 | .60 | .53 | .63 |
| | | GM | .72 | .46 | .71 | .56 | .62 | .70 | .67 | .71 |
| | ADULT | MIN | .30 | .55 | .28 | .39 | .36 | .33 | .35 | .32 |
| | | GM | .55 | .57 | .53 | .57 | .57 | .57 | .57 | .56 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .06 | .12 | .07 | .08 | .09 | .09 | .10 |
| | | GM | .30 | .24 | .32 | .27 | .28 | .30 | .29 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .15 | .10 | .18 | .11 | .12 | .14 | .13 | .14 |
| | | GM | .38 | .31 | .41 | .34 | .35 | .37 | .36 | .37 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.004 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3338500 Vermilion River near Catlin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .02 | .09 | .01 | .08 | .05 | .03 | .04 | .02 |
| | | GM | .08 | .14 | .06 | .13 | .11 | .09 | .10 | .08 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .07 | .07 | .08 | .07 | .07 | .07 | .08 | .08 |
| 2 | JUVNL | MIN | .17 | .24 | .16 | .23 | .19 | .17 | .17 | .16 |
| | | GM | .20 | .41 | .17 | .39 | .30 | .24 | .26 | .20 |
| | ADULT | MIN | .23 | .29 | .22 | .28 | .26 | .24 | .25 | .23 |
| | | GM | .43 | .52 | .33 | .51 | .48 | .45 | .46 | .39 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .01 | .00 | .02 | .00 | .00 | .01 | .01 | .02 |
| | | GM | .03 | .00 | .04 | .00 | .00 | .02 | .02 | .04 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .53 | .36 | .58 | .37 | .44 | .48 | .48 | .55 |
| | | GM | .66 | .58 | .68 | .58 | .62 | .63 | .64 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .00 | .06 | .00 | .00 | .03 | .03 | .05 |
| 6 | JUVNL | MIN | .58 | .45 | .62 | .46 | .50 | .55 | .55 | .60 |
| | | GM | .72 | .66 | .73 | .67 | .68 | .70 | .71 | .73 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .07 | .00 | .08 | .00 | .00 | .05 | .05 | .07 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .60 | .41 | .62 | .42 | .52 | .57 | .57 | .61 |
| | | GM | .76 | .63 | .77 | .64 | .71 | .74 | .74 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.005 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3339000 Vermilion River near Danville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .15 | .51 | .09 | .37 | .30 | .18 | .23 | .12 |
| | | GM | .38 | .66 | .30 | .58 | .53 | .42 | .47 | .35 |
| | ADULT | MIN | .10 | .06 | .12 | .07 | .08 | .09 | .09 | .10 |
| | | GM | .30 | .24 | .31 | .26 | .28 | .29 | .29 | .30 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .13 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .07 | .13 | .06 | .11 | .10 | .09 | .09 | .07 |
| | | GM | .16 | .33 | .13 | .30 | .25 | .18 | .20 | .15 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .00 | .02 | .01 | .01 | .02 | .02 | .02 |
| | | GM | .14 | .06 | .16 | .09 | .11 | .13 | .12 | .14 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .13 | .11 | .14 | .11 | .12 | .13 | .13 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .94 | .99 | .91 | .98 | .97 | .95 | .96 | .93 |
| | | GM | .97 | .99 | .95 | .99 | .99 | .98 | .98 | .96 |
| | ADULT | MIN | .05 | .03 | .05 | .03 | .04 | .04 | .04 | .05 |
| | | GM | .21 | .17 | .22 | .18 | .19 | .20 | .20 | .21 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .11 | .06 | .13 | .07 | .08 | .10 | .10 | .12 |
| | | GM | .29 | .22 | .31 | .23 | .25 | .28 | .27 | .30 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .12 | .02 | .16 | .05 | .07 | .11 | .10 | .13 |
| | | GM | .35 | .15 | .40 | .23 | .27 | .32 | .31 | .37 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .99 | .92 | .98 | .94 | .96 | .98 | .98 | .99 |
| | | GM | .99 | .96 | .99 | .97 | .98 | .99 | .99 | .99 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.006 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3343400 Embarras River near Camargo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .05 | .00 | .10 | .11 | .00 | .00 | .00 | .11 |
| | | GM | .09 | .00 | .32 | .18 | .00 | .00 | .00 | .18 |
| | ADULT | MIN | .20 | .05 | .18 | .19 | .00 | .20 | .15 | .19 |
| | | GM | .26 | .10 | .43 | .39 | .00 | .23 | .18 | .39 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .04 | .00 | .14 | .07 | .00 | .03 | .02 | .07 |
| | | GM | .17 | .05 | .32 | .23 | .00 | .15 | .11 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .07 | .03 | .21 | .11 | .02 | .06 | .05 | .11 |
| | | GM | .24 | .16 | .40 | .29 | .11 | .22 | .20 | .29 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.007 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3345500 Embarras River at Ste. Marie

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .01 | .00 | .03 | .00 | .00 | .01 | .00 | .02 |
| 2 | JUVNL | MIN | .01 | .02 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .06 | .13 | .02 | .11 | .11 | .09 | .11 | .05 |
| | ADULT | MIN | .07 | .08 | .06 | .08 | .08 | .07 | .08 | .07 |
| | | GM | .27 | .29 | .23 | .28 | .28 | .27 | .28 | .26 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .29 | .15 | .26 | .23 | .21 | .27 | .22 | .29 |
| | | GM | .29 | .23 | .36 | .27 | .26 | .28 | .26 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .36 | .21 | .32 | .30 | .28 | .35 | .29 | .36 |
| | | GM | .37 | .30 | .42 | .34 | .33 | .36 | .33 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .23 | .00 | .57 | .06 | .00 | .17 | .02 | .27 |
| | | GM | .43 | .00 | .66 | .22 | .00 | .37 | .12 | .46 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.008 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3346000 North Fork Embarras River near Oblong

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .50 | .13 | .20 | .47 | .08 | .31 | .21 | .51 |
| | | GM | .51 | .31 | .45 | .53 | .25 | .43 | .38 | .52 |
| | ADULT | MIN | .27 | .29 | .22 | .26 | .30 | .28 | .29 | .27 |
| | | GM | .49 | .34 | .47 | .50 | .33 | .48 | .37 | .50 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .05 | .16 | .09 | .04 | .07 | .06 | .09 |
| | | GM | .27 | .21 | .36 | .29 | .20 | .25 | .23 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .08 | .22 | .14 | .08 | .11 | .09 | .13 |
| | | GM | .34 | .29 | .44 | .36 | .27 | .32 | .30 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.009 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3379500 Little Wabash River below Clay City

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .06 | .01 | .02 | .07 | .04 | .04 | .03 |
| | | GM | .17 | .20 | .03 | .15 | .21 | .19 | .18 | .17 |
| | ADULT | MIN | .11 | .15 | .07 | .10 | .16 | .14 | .14 | .11 |
| | | GM | .33 | .39 | .18 | .31 | .40 | .37 | .38 | .33 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .21 | .10 | .28 | .25 | .09 | .13 | .12 | .20 |
| | | GM | .31 | .26 | .40 | .32 | .25 | .28 | .26 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .27 | .15 | .34 | .33 | .14 | .19 | .18 | .26 |
| | | GM | .37 | .31 | .46 | .39 | .31 | .34 | .33 | .37 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .09 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .62 | .12 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .70 | .31 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.010 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3380500 Skillet Fork at Wayne City

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .08 | .00 | .03 | .10 | .00 | .00 | .00 | .13 |
| | | GM | .20 | .00 | .15 | .17 | .00 | .00 | .00 | .22 |
| | ADULT | MIN | .27 | .20 | .12 | .19 | .18 | .28 | .28 | .25 |
| | | GM | .31 | .27 | .34 | .39 | .26 | .29 | .29 | .32 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .04 | .02 | .10 | .07 | .02 | .03 | .03 | .05 |
| | | GM | .19 | .15 | .23 | .22 | .14 | .17 | .17 | .20 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .08 | .05 | .15 | .11 | .05 | .06 | .06 | .08 |
| | | GM | .27 | .23 | .28 | .29 | .22 | .25 | .25 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.011 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3381500 Little Wabash River at Carmi

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .03 | .01 | .00 | .00 | .00 | .01 |
| | | GM | .03 | .02 | .04 | .03 | .00 | .03 | .02 | .03 |
| 2 | JUVNL | MIN | .01 | .04 | .00 | .02 | .08 | .04 | .05 | .02 |
| | | GM | .05 | .12 | .00 | .05 | .26 | .10 | .18 | .07 |
| | ADULT | MIN | .08 | .14 | .03 | .08 | .17 | .13 | .15 | .09 |
| | | GM | .26 | .37 | .09 | .26 | .41 | .35 | .38 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .01 | .00 | .08 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .00 | .14 | .03 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .33 | .30 | .18 | .35 | .25 | .32 | .28 | .39 |
| | | GM | .41 | .42 | .40 | .41 | .41 | .41 | .42 | .40 |
| | ADULT | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .03 | .00 | .07 | .03 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .40 | .39 | .21 | .41 | .33 | .40 | .37 | .47 |
| | | GM | .47 | .48 | .45 | .47 | .48 | .48 | .48 | .47 |
| | ADULT | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .06 | .00 | .18 | .05 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .58 | .25 | .69 | .57 | .12 | .29 | .21 | .46 |
| | | GM | .69 | .47 | .74 | .68 | .33 | .51 | .44 | .63 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.012 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3612000 Cache River at Forman

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .33 | .16 | .03 | .09 | .00 | .16 | .23 | .24 |
| | | GM | .41 | .35 | .17 | .29 | .00 | .34 | .39 | .37 |
| | ADULT | MIN | .24 | .30 | .11 | .18 | .25 | .29 | .28 | .23 |
| | | GM | .47 | .36 | .34 | .42 | .31 | .36 | .41 | .47 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .05 | .24 | .13 | .03 | .05 | .06 | .09 |
| | | GM | .27 | .22 | .34 | .31 | .17 | .22 | .24 | .27 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .09 | .31 | .19 | .06 | .09 | .10 | .13 |
| | | GM | .34 | .29 | .41 | .38 | .25 | .29 | .31 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .08 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .26 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.013 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5415500 E. F. Galena River at Council Hill

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .05 | .16 | .04 | .10 | .09 | .08 | .09 | .07 |
| | | GM | .22 | .37 | .19 | .30 | .30 | .27 | .29 | .26 |
| | ADULT | MIN | .15 | .21 | .13 | .18 | .18 | .17 | .18 | .16 |
| | | GM | .39 | .46 | .36 | .43 | .42 | .41 | .42 | .41 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .14 | .13 | .14 | .13 | .13 | .14 | .13 | .14 |
| | | GM | .29 | .31 | .28 | .31 | .31 | .31 | .31 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .20 | .19 | .21 | .19 | .19 | .20 | .19 | .20 |
| | | GM | .35 | .40 | .34 | .39 | .39 | .38 | .38 | .37 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.014 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5419000 Apple River near Hanover

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .27 | .09 | .22 | .12 | .17 | .20 | .17 | .20 |
| | | GM | .27 | .21 | .30 | .23 | .25 | .25 | .25 | .26 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .09 | .01 | .05 | .04 | .03 | .03 | .03 |
| | | GM | .05 | .14 | .03 | .09 | .08 | .07 | .08 | .06 |
| 3 | JUVNL | MIN | .04 | .00 | .08 | .00 | .00 | .02 | .01 | .02 |
| | | GM | .12 | .00 | .17 | .00 | .04 | .08 | .05 | .08 |
| | ADULT | MIN | .10 | .02 | .16 | .03 | .05 | .07 | .05 | .07 |
| | | GM | .20 | .12 | .25 | .14 | .15 | .17 | .16 | .18 |
| 4 | JUVNL | MIN | .10 | .09 | .10 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .20 | .13 | .22 | .15 | .17 | .18 | .17 | .18 |
| | ADULT | MIN | .10 | .00 | .13 | .00 | .05 | .07 | .05 | .07 |
| | | GM | .30 | .00 | .33 | .00 | .21 | .25 | .22 | .26 |
| 5 | JUVNL | MIN | .60 | .77 | .52 | .73 | .69 | .65 | .67 | .65 |
| | | GM | .77 | .88 | .72 | .85 | .83 | .80 | .82 | .80 |
| | ADULT | MIN | .11 | .04 | .14 | .06 | .08 | .09 | .08 | .09 |
| | | GM | .28 | .18 | .31 | .22 | .24 | .26 | .25 | .26 |
| 6 | JUVNL | MIN | .61 | .83 | .55 | .78 | .72 | .66 | .70 | .66 |
| | | GM | .78 | .91 | .74 | .88 | .85 | .81 | .84 | .81 |
| | ADULT | MIN | .28 | .10 | .37 | .14 | .18 | .22 | .19 | .23 |
| | | GM | .49 | .28 | .56 | .34 | .39 | .42 | .39 | .43 |
| 7 | JUVNL | MIN | .29 | .00 | .50 | .00 | .08 | .16 | .09 | .17 |
| | | GM | .52 | .00 | .68 | .00 | .28 | .38 | .30 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .45 | .10 | .60 | .18 | .27 | .34 | .28 | .35 |
| | | GM | .67 | .31 | .77 | .42 | .52 | .58 | .53 | .59 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .90 | .94 | .88 | .93 | .92 | .91 | .92 | .91 |
| | | GM | .95 | .96 | .94 | .97 | .96 | .95 | .96 | .95 |
| | ADULT | MIN | .06 | .00 | .14 | .00 | .00 | .01 | .00 | .02 |
| | | GM | .17 | .00 | .24 | .00 | .00 | .09 | .00 | .10 |

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4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.015 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5420000 Plum River below Carroll Ck. near Savanna

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .05 | .00 | .00 | .02 | .00 | .00 | .00 |
| | | GM | .00 | .08 | .00 | .00 | .05 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .03 |
| 2 | JUVNL | MIN | .04 | .47 | .02 | .14 | .20 | .10 | .14 | .09 |
| | | GM | .10 | .60 | .07 | .22 | .28 | .17 | .22 | .16 |
| | ADULT | MIN | .14 | .26 | .09 | .20 | .22 | .18 | .20 | .18 |
| | | GM | .36 | .51 | .28 | .45 | .47 | .42 | .45 | .41 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .34 | .28 | .37 | .30 | .29 | .31 | .30 | .32 |
| | | GM | .44 | .49 | .37 | .48 | .49 | .47 | .48 | .47 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .43 | .36 | .44 | .39 | .38 | .39 | .39 | .40 |
| | | GM | .50 | .58 | .45 | .57 | .58 | .55 | .57 | .55 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .35 | .19 | .42 | .25 | .23 | .27 | .25 | .29 |
| | | GM | .56 | .43 | .59 | .49 | .47 | .50 | .49 | .52 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.016 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5435500 Pecatonica River at Freeport

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .17 | .40 | .15 | .35 | .25 | .22 | .24 | .21 |
| | | GM | .41 | .61 | .38 | .59 | .50 | .47 | .49 | .46 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .31 | .83 | .30 | .40 | .35 | .34 | .34 | .33 |
| | | GM | .56 | .89 | .55 | .63 | .59 | .58 | .59 | .58 |
| | ADULT | MIN | .38 | .54 | .38 | .45 | .41 | .40 | .40 | .40 |
| | | GM | .62 | .71 | .61 | .66 | .64 | .63 | .64 | .63 |
| 4 | JUVNL | MIN | .10 | .09 | .11 | .09 | .10 | .10 | .10 | .10 |
| | | GM | .32 | .24 | .33 | .25 | .29 | .31 | .30 | .31 |
| | ADULT | MIN | .84 | .21 | .83 | .25 | .62 | .77 | .67 | .79 |
| | | GM | .88 | .44 | .90 | .47 | .73 | .81 | .76 | .82 |
| 5 | JUVNL | MIN | .43 | .71 | .39 | .67 | .56 | .52 | .54 | .51 |
| | | GM | .66 | .84 | .63 | .82 | .75 | .72 | .74 | .71 |
| | ADULT | MIN | .55 | .27 | .54 | .31 | .41 | .46 | .42 | .46 |
| | | GM | .56 | .47 | .57 | .49 | .53 | .55 | .54 | .55 |
| 6 | JUVNL | MIN | .48 | .75 | .45 | .70 | .58 | .55 | .57 | .54 |
| | | GM | .69 | .87 | .67 | .84 | .76 | .74 | .75 | .73 |
| | ADULT | MIN | .88 | .71 | .89 | .80 | .84 | .85 | .85 | .86 |
| | | GM | .94 | .76 | .95 | .81 | .91 | .92 | .92 | .93 |
| 7 | JUVNL | MIN | .90 | .92 | .89 | .95 | .92 | .92 | .92 | .91 |
| | | GM | .95 | .94 | .94 | .96 | .96 | .96 | .96 | .96 |
| | ADULT | MIN | .94 | .90 | .93 | .98 | .95 | .95 | .95 | .95 |
| | | GM | .97 | .94 | .96 | .98 | .98 | .97 | .97 | .97 |
| 8 | JUVNL | MIN | 1.00 | .86 | 1.00 | .90 | .98 | 1.00 | .99 | 1.00 |
| | | GM | 1.00 | .93 | 1.00 | .95 | .99 | 1.00 | .99 | 1.00 |
| | ADULT | MIN | .68 | .13 | .75 | .21 | .44 | .54 | .47 | .56 |
| | | GM | .82 | .37 | .87 | .46 | .66 | .73 | .68 | .74 |
| 9 | JUVNL | MIN | .80 | .93 | .72 | .92 | .89 | .88 | .88 | .87 |
| | | GM | .82 | .96 | .78 | .96 | .93 | .89 | .92 | .89 |
| | ADULT | MIN | .33 | .71 | .30 | .65 | .44 | .41 | .43 | .40 |
| | | GM | .58 | .76 | .55 | .76 | .66 | .64 | .65 | .63 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.017 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5437000 Pecatonica River at Shirland

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .12 | .17 | .11 | .17 | .13 | .13 | .13 | .13 |
| | | GM | .30 | .18 | .31 | .19 | .26 | .27 | .25 | .27 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .04 | .00 | .03 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .06 | .00 | .05 | .02 | .01 | .02 | .01 |
| 3 | JUVNL | MIN | .28 | .01 | .28 | .02 | .15 | .19 | .12 | .18 |
| | | GM | .42 | .04 | .51 | .08 | .21 | .23 | .19 | .23 |
| | ADULT | MIN | .37 | .05 | .36 | .07 | .21 | .23 | .19 | .23 |
| | | GM | .37 | .14 | .52 | .17 | .28 | .29 | .27 | .29 |
| 4 | JUVNL | MIN | .13 | .10 | .14 | .10 | .12 | .12 | .12 | .12 |
| | | GM | .27 | .18 | .29 | .19 | .25 | .25 | .24 | .25 |
| | ADULT | MIN | .17 | .05 | .19 | .08 | .15 | .15 | .14 | .15 |
| | | GM | .37 | .21 | .39 | .25 | .34 | .35 | .34 | .35 |
| 5 | JUVNL | MIN | .31 | .48 | .29 | .44 | .36 | .35 | .37 | .35 |
| | | GM | .56 | .69 | .54 | .66 | .60 | .59 | .60 | .59 |
| | ADULT | MIN | .22 | .08 | .25 | .09 | .17 | .18 | .16 | .18 |
| | | GM | .31 | .22 | .32 | .23 | .29 | .30 | .28 | .29 |
| 6 | JUVNL | MIN | .38 | .52 | .37 | .49 | .42 | .41 | .43 | .41 |
| | | GM | .62 | .72 | .60 | .70 | .65 | .64 | .65 | .64 |
| | ADULT | MIN | .56 | .19 | .64 | .23 | .43 | .46 | .42 | .46 |
| | | GM | .72 | .40 | .77 | .45 | .63 | .65 | .61 | .65 |
| 7 | JUVNL | MIN | .79 | .09 | .85 | .18 | .63 | .68 | .60 | .67 |
| | | GM | .82 | .28 | .86 | .40 | .74 | .77 | .72 | .76 |
| | ADULT | MIN | .54 | .00 | .80 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .70 | .00 | .86 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .77 | .27 | .83 | .36 | .68 | .71 | .65 | .70 |
| | | GM | .88 | .52 | .91 | .60 | .82 | .84 | .81 | .84 |
| | ADULT | MIN | .00 | .00 | .07 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .27 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .80 | .87 | .80 | .86 | .82 | .82 | .83 | .82 |
| | | GM | .90 | .93 | .89 | .93 | .91 | .91 | .91 | .91 |
| | ADULT | MIN | .24 | .00 | .23 | .02 | .24 | .26 | .20 | .26 |
| | | GM | .37 | .00 | .41 | .08 | .25 | .28 | .23 | .27 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.018 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5437500 Rock River at Rockton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .03 | .00 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .04 | .00 | .04 | .02 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .02 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .06 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .00 | .06 | .00 | .01 | .02 | .02 | .02 |
| | | GM | .10 | .00 | .14 | .02 | .07 | .08 | .08 | .09 |
| 4 | JUVNL | MIN | .26 | .10 | .33 | .14 | .19 | .22 | .20 | .23 |
| | | GM | .40 | .17 | .49 | .22 | .29 | .33 | .31 | .36 |
| | ADULT | MIN | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .18 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .02 | .14 | .01 | .10 | .07 | .05 | .06 | .03 |
| | | GM | .14 | .36 | .08 | .31 | .25 | .21 | .23 | .19 |
| | ADULT | MIN | .06 | .02 | .08 | .03 | .04 | .05 | .04 | .05 |
| | | GM | .10 | .07 | .11 | .08 | .09 | .09 | .09 | .10 |
| 6 | JUVNL | MIN | .06 | .18 | .03 | .13 | .10 | .08 | .09 | .07 |
| | | GM | .24 | .42 | .16 | .37 | .32 | .29 | .30 | .27 |
| | ADULT | MIN | .15 | .04 | .20 | .06 | .09 | .11 | .10 | .12 |
| | | GM | .38 | .20 | .43 | .24 | .30 | .34 | .32 | .35 |
| 7 | JUVNL | MIN | .00 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .23 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .19 | .00 | .30 | .01 | .09 | .13 | .11 | .15 |
| | | GM | .44 | .00 | .55 | .10 | .29 | .36 | .32 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .43 | .65 | .36 | .59 | .52 | .48 | .50 | .46 |
| | | GM | .65 | .73 | .60 | .73 | .71 | .69 | .70 | .68 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.019 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5438250 Coon Creek at Riley

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .16 | .01 | .08 | .09 | .04 | .05 | .03 |
| | | GM | .16 | .32 | .11 | .25 | .26 | .18 | .20 | .17 |
| | ADULT | MIN | .10 | .21 | .08 | .17 | .18 | .14 | .15 | .11 |
| | | GM | .31 | .46 | .28 | .41 | .42 | .38 | .39 | .34 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .14 | .10 | .16 | .11 | .11 | .12 | .11 | .13 |
| | | GM | .24 | .28 | .22 | .28 | .28 | .26 | .27 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .20 | .15 | .22 | .16 | .16 | .18 | .17 | .19 |
| | | GM | .31 | .35 | .29 | .35 | .35 | .33 | .33 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.020 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5438500 Kishwaukee River at Belvidere

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .02 | .00 | .03 | .00 | .00 | .01 | .01 | .02 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .02 | .01 | .01 | .01 | .00 |
| | | GM | .02 | .15 | .00 | .12 | .09 | .05 | .08 | .03 |
| | ADULT | MIN | .06 | .09 | .05 | .08 | .07 | .07 | .07 | .06 |
| | | GM | .24 | .30 | .20 | .28 | .27 | .26 | .26 | .25 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .25 | .16 | .22 | .21 | .25 | .27 | .27 | .26 |
| | | GM | .29 | .25 | .32 | .26 | .27 | .28 | .28 | .29 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .30 | .22 | .26 | .27 | .34 | .33 | .35 | .32 |
| | | GM | .36 | .32 | .37 | .33 | .35 | .35 | .35 | .36 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .35 | .00 | .55 | .00 | .14 | .23 | .17 | .29 |
| | | GM | .51 | .00 | .64 | .00 | .33 | .42 | .37 | .47 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.021 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5439500 S. B. Kishwaukee River near Fairdale

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .03 | .01 | .03 | .02 | .02 | .02 | .02 |
| | | GM | .14 | .15 | .10 | .15 | .15 | .14 | .15 | .14 |
| | ADULT | MIN | .09 | .12 | .07 | .10 | .10 | .09 | .09 | .09 |
| | | GM | .30 | .35 | .27 | .31 | .31 | .30 | .31 | .30 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .16 | .10 | .22 | .12 | .13 | .16 | .13 | .16 |
| | | GM | .25 | .22 | .26 | .23 | .24 | .25 | .23 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .22 | .14 | .29 | .18 | .19 | .22 | .19 | .22 |
| | | GM | .31 | .28 | .33 | .30 | .30 | .31 | .30 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.022 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5440000 Kishwaukee River near Perryville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .01 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .04 | .03 | .04 | .03 | .03 | .04 | .03 | .04 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .02 | .01 | .01 | .01 | .00 |
| | | GM | .01 | .07 | .00 | .06 | .04 | .03 | .03 | .02 |
| | ADULT | MIN | .06 | .09 | .05 | .08 | .07 | .07 | .07 | .06 |
| | | GM | .15 | .29 | .14 | .28 | .21 | .17 | .19 | .16 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .04 | .00 | .05 | .00 | .02 | .03 | .02 | .03 |
| | | GM | .08 | .00 | .09 | .00 | .05 | .06 | .05 | .07 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .25 | .38 | .24 | .36 | .29 | .27 | .28 | .26 |
| | | GM | .42 | .39 | .43 | .39 | .40 | .41 | .41 | .42 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .05 | .00 | .06 | .00 | .04 | .05 | .04 | .05 |
| 6 | JUVNL | MIN | .30 | .44 | .28 | .42 | .36 | .33 | .35 | .32 |
| | | GM | .46 | .46 | .46 | .46 | .46 | .47 | .46 | .47 |
| | ADULT | MIN | .02 | .00 | .02 | .00 | .01 | .01 | .01 | .01 |
| | | GM | .12 | .00 | .14 | .00 | .08 | .10 | .09 | .11 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .69 | .46 | .71 | .50 | .61 | .65 | .62 | .68 |
| | | GM | .73 | .62 | .73 | .64 | .70 | .71 | .70 | .72 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.023 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5440500 Killbuck Creek Near Monroe Center

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .10 | .31 | .07 | .41 | .24 | .14 | .24 | .14 |
| | | GM | .26 | .46 | .23 | .46 | .36 | .29 | .36 | .29 |
| | ADULT | MIN | .19 | .29 | .16 | .27 | .23 | .20 | .23 | .20 |
| | | GM | .43 | .49 | .40 | .48 | .46 | .44 | .46 | .44 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .07 | .11 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .27 | .26 | .27 | .26 | .27 | .27 | .27 | .27 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .15 | .11 | .16 | .12 | .13 | .14 | .13 | .14 |
| | | GM | .34 | .33 | .33 | .33 | .34 | .34 | .34 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.024 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5441000 Leaf River at Leaf River

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .05 | .05 | .03 | .04 | .06 | .05 | .06 | .05 |
| | | GM | .07 | .06 | .09 | .07 | .07 | .07 | .07 | .07 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .09 | .08 | .06 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .12 | .09 | .17 | .12 | .11 | .11 | .11 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .35 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .39 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.025 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5443500 Rock River at Como

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .07 | .00 | .06 | .02 | .00 | .01 | .00 |
| | | GM | .00 | .09 | .00 | .09 | .06 | .00 | .04 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .04 | .00 | .03 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .04 | .00 | .04 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .04 | .00 | .05 | .00 | .02 | .03 | .02 | .03 |
| | | GM | .10 | .00 | .11 | .00 | .06 | .08 | .08 | .09 |
| | ADULT | MIN | .10 | .03 | .12 | .03 | .07 | .09 | .08 | .09 |
| | | GM | .19 | .10 | .20 | .11 | .16 | .17 | .17 | .18 |
| 4 | JUVNL | MIN | .41 | .22 | .44 | .24 | .35 | .38 | .37 | .40 |
| | | GM | .48 | .23 | .52 | .26 | .38 | .42 | .41 | .46 |
| | ADULT | MIN | .11 | .00 | .11 | .01 | .07 | .09 | .09 | .10 |
| | | GM | .26 | .00 | .26 | .08 | .22 | .24 | .24 | .25 |
| 5 | JUVNL | MIN | .03 | .20 | .02 | .18 | .08 | .06 | .07 | .04 |
| | | GM | .18 | .44 | .14 | .42 | .29 | .24 | .26 | .20 |
| | ADULT | MIN | .11 | .06 | .12 | .06 | .09 | .10 | .10 | .10 |
| | | GM | .14 | .14 | .14 | .14 | .14 | .14 | .14 | .14 |
| 6 | JUVNL | MIN | .07 | .23 | .06 | .21 | .11 | .09 | .10 | .08 |
| | | GM | .27 | .48 | .24 | .45 | .34 | .31 | .32 | .28 |
| | ADULT | MIN | .29 | .14 | .32 | .15 | .23 | .26 | .25 | .28 |
| | | GM | .54 | .37 | .56 | .38 | .47 | .51 | .50 | .53 |
| 7 | JUVNL | MIN | .32 | .00 | .38 | .00 | .17 | .23 | .21 | .28 |
| | | GM | .43 | .00 | .45 | .00 | .34 | .38 | .37 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .47 | .18 | .52 | .20 | .35 | .41 | .39 | .44 |
| | | GM | .69 | .42 | .72 | .45 | .59 | .64 | .62 | .66 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .46 | .71 | .42 | .69 | .55 | .51 | .52 | .48 |
| | | GM | .68 | .84 | .65 | .83 | .74 | .71 | .72 | .69 |
| | ADULT | MIN | .07 | .00 | .08 | .00 | .02 | .04 | .03 | .05 |
| | | GM | .08 | .00 | .09 | .00 | .05 | .07 | .06 | .07 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.026 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5444000 Elkhorn Creek near Penrose

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .02 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .01 | .03 | .01 | .03 | .02 | .02 | .02 | .02 |
| | | GM | .05 | .18 | .04 | .17 | .14 | .13 | .14 | .12 |
| | ADULT | MIN | .07 | .11 | .07 | .10 | .09 | .09 | .09 | .08 |
| | | GM | .26 | .34 | .25 | .32 | .30 | .29 | .30 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .29 | .17 | .27 | .18 | .22 | .25 | .23 | .25 |
| | | GM | .30 | .29 | .31 | .29 | .30 | .30 | .30 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .36 | .23 | .33 | .24 | .29 | .33 | .30 | .34 |
| | | GM | .38 | .35 | .38 | .35 | .36 | .37 | .37 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .29 | .00 | .37 | .00 | .04 | .12 | .06 | .14 |
| | | GM | .48 | .00 | .53 | .00 | .18 | .31 | .22 | .33 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.027 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5445500 Rock Creek near Morrison

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .04 | .19 | .00 | .15 | .07 | .05 | .07 | .04 |
| | | GM | .10 | .21 | .04 | .18 | .13 | .12 | .13 | .11 |
| | ADULT | MIN | .01 | .00 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .07 | .07 | .07 | .08 | .08 | .08 | .08 |
| 2 | JUVNL | MIN | .17 | .26 | .16 | .23 | .18 | .18 | .18 | .17 |
| | | GM | .25 | .48 | .16 | .44 | .32 | .29 | .32 | .27 |
| | ADULT | MIN | .25 | .44 | .21 | .35 | .27 | .26 | .27 | .25 |
| | | GM | .45 | .65 | .32 | .56 | .49 | .47 | .49 | .46 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .01 | .00 | .02 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .03 | .00 | .04 | .00 | .00 | .02 | .00 | .02 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .50 | .35 | .58 | .37 | .45 | .47 | .45 | .48 |
| | | GM | .65 | .58 | .67 | .59 | .63 | .64 | .63 | .64 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .00 | .06 | .00 | .00 | .02 | .00 | .03 |
| 6 | JUVNL | MIN | .56 | .44 | .62 | .46 | .51 | .53 | .51 | .55 |
| | | GM | .72 | .66 | .72 | .68 | .70 | .70 | .70 | .71 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .06 | .00 | .08 | .00 | .00 | .03 | .00 | .05 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .58 | .37 | .62 | .42 | .54 | .55 | .54 | .57 |
| | | GM | .75 | .61 | .77 | .65 | .73 | .73 | .73 | .74 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.028 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5446500 Rock River near Joslin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .06 | .00 | .05 | .03 | .02 | .02 | .02 |
| | | GM | .08 | .06 | .05 | .07 | .07 | .08 | .08 | .08 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .03 | .00 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .06 | .00 | .03 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .07 | .00 | .17 | .00 | .02 | .04 | .03 | .05 |
| | | GM | .13 | .00 | .21 | .00 | .07 | .10 | .09 | .11 |
| | ADULT | MIN | .14 | .01 | .22 | .02 | .08 | .10 | .09 | .12 |
| | | GM | .22 | .06 | .28 | .09 | .16 | .19 | .17 | .20 |
| 4 | JUVNL | MIN | .40 | .17 | .45 | .23 | .35 | .37 | .36 | .39 |
| | | GM | .43 | .21 | .48 | .25 | .36 | .39 | .37 | .41 |
| | ADULT | MIN | .12 | .00 | .15 | .00 | .08 | .11 | .09 | .11 |
| | | GM | .29 | .00 | .31 | .00 | .24 | .27 | .25 | .28 |
| 5 | JUVNL | MIN | .08 | .17 | .07 | .15 | .10 | .09 | .10 | .09 |
| | | GM | .29 | .41 | .25 | .38 | .32 | .30 | .31 | .30 |
| | ADULT | MIN | .13 | .03 | .18 | .05 | .09 | .11 | .10 | .12 |
| | | GM | .16 | .10 | .19 | .11 | .14 | .15 | .15 | .16 |
| 6 | JUVNL | MIN | .11 | .20 | .10 | .18 | .14 | .12 | .13 | .12 |
| | | GM | .34 | .45 | .32 | .42 | .37 | .35 | .36 | .34 |
| | ADULT | MIN | .36 | .08 | .45 | .12 | .24 | .29 | .26 | .32 |
| | | GM | .60 | .27 | .67 | .34 | .48 | .54 | .51 | .56 |
| 7 | JUVNL | MIN | .46 | .00 | .63 | .00 | .19 | .32 | .24 | .38 |
| | | GM | .55 | .00 | .65 | .00 | .36 | .47 | .41 | .50 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .57 | .06 | .70 | .14 | .37 | .47 | .41 | .52 |
| | | GM | .76 | .24 | .84 | .37 | .61 | .69 | .64 | .72 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .55 | .68 | .52 | .65 | .59 | .57 | .58 | .56 |
| | | GM | .74 | .80 | .72 | .81 | .77 | .75 | .76 | .75 |
| | ADULT | MIN | .12 | .00 | .11 | .00 | .02 | .07 | .04 | .08 |
| | | GM | .12 | .00 | .18 | .00 | .06 | .09 | .07 | .10 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.029 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5447000 Green River at Amboy

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .01 | .04 | .00 | .03 | .02 | .01 | .02 | .01 |
| | | GM | .09 | .17 | .03 | .17 | .14 | .11 | .15 | .12 |
| | ADULT | MIN | .07 | .13 | .06 | .11 | .09 | .08 | .09 | .08 |
| | | GM | .27 | .36 | .24 | .34 | .30 | .28 | .31 | .28 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .18 | .12 | .20 | .13 | .15 | .20 | .15 | .17 |
| | | GM | .23 | .25 | .22 | .25 | .24 | .25 | .25 | .24 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .24 | .18 | .26 | .19 | .21 | .26 | .21 | .23 |
| | | GM | .29 | .32 | .28 | .32 | .31 | .32 | .31 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.030 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5447500 Green River near Geneseo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .02 | .03 | .02 | .03 | .02 | .02 | .02 | .02 |
| 2 | JUVNL | MIN | .01 | .03 | .00 | .02 | .02 | .01 | .01 | .01 |
| | | GM | .04 | .09 | .00 | .08 | .06 | .05 | .06 | .05 |
| | ADULT | MIN | .07 | .11 | .06 | .10 | .08 | .07 | .08 | .07 |
| | | GM | .25 | .33 | .23 | .30 | .28 | .26 | .27 | .26 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .28 | .32 | .24 | .34 | .34 | .29 | .33 | .29 |
| | | GM | .32 | .39 | .30 | .38 | .35 | .32 | .34 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .34 | .41 | .29 | .43 | .40 | .36 | .40 | .36 |
| | | GM | .39 | .46 | .37 | .45 | .42 | .40 | .42 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .41 | .31 | .44 | .35 | .39 | .41 | .39 | .41 |
| | | GM | .56 | .52 | .58 | .54 | .56 | .57 | .56 | .57 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.031 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5448000 Mill Creek at Milan

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .10 | .00 | .05 | .05 | .00 | .00 | .00 | .00 |
| | | GM | .10 | .00 | .12 | .08 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .19 | .18 | .15 | .20 | .15 | .22 | .15 | .21 |
| | | GM | .27 | .21 | .35 | .25 | .20 | .24 | .19 | .24 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .05 | .02 | .07 | .04 | .02 | .03 | .02 | .03 |
| | | GM | .18 | .13 | .21 | .17 | .12 | .15 | .12 | .16 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .08 | .05 | .11 | .07 | .05 | .06 | .05 | .06 |
| | | GM | .25 | .21 | .26 | .24 | .20 | .23 | .20 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.032 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5466000 Edwards River near Orion

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .05 | .11 | .03 | .08 | .10 | .07 | .10 | .07 |
| | | GM | .19 | .20 | .18 | .22 | .21 | .21 | .21 | .21 |
| | ADULT | MIN | .15 | .19 | .12 | .17 | .19 | .16 | .18 | .16 |
| | | GM | .39 | .40 | .35 | .41 | .40 | .40 | .40 | .40 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .07 | .14 | .09 | .08 | .09 | .08 | .10 |
| | | GM | .26 | .24 | .27 | .25 | .24 | .25 | .24 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .16 | .11 | .20 | .14 | .12 | .14 | .12 | .14 |
| | | GM | .32 | .30 | .33 | .31 | .30 | .31 | .31 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.033 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5466500 Edwards River near New Boston

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .01 | .02 | .01 | .01 | .01 |
| | | GM | .06 | .07 | .00 | .08 | .08 | .07 | .08 | .07 |
| | ADULT | MIN | .06 | .09 | .05 | .07 | .08 | .07 | .08 | .07 |
| | | GM | .25 | .21 | .22 | .27 | .27 | .26 | .27 | .26 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .12 | .06 | .22 | .09 | .08 | .10 | .08 | .11 |
| | | GM | .18 | .15 | .22 | .17 | .16 | .17 | .16 | .17 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .18 | .09 | .26 | .14 | .12 | .15 | .12 | .16 |
| | | GM | .24 | .20 | .27 | .23 | .22 | .23 | .22 | .24 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.034 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5467000 Pope Creek near Keithsburg

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .07 | .05 | .03 | .08 | .14 | .09 | .13 | .08 |
| | | GM | .18 | .10 | .17 | .16 | .15 | .16 | .15 | .16 |
| | ADULT | MIN | .16 | .22 | .11 | .17 | .20 | .18 | .20 | .17 |
| | | GM | .38 | .27 | .34 | .38 | .29 | .37 | .30 | .38 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .04 | .13 | .07 | .05 | .07 | .06 | .07 |
| | | GM | .23 | .18 | .26 | .22 | .20 | .22 | .20 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .07 | .19 | .11 | .09 | .11 | .09 | .11 |
| | | GM | .29 | .25 | .32 | .28 | .27 | .28 | .27 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.035 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5467500 Henderson Creek near Little York

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .01 | .02 | .00 | .01 | .02 | .02 | .02 | .01 |
| | | GM | .05 | .04 | .00 | .04 | .02 | .05 | .04 | .05 |
| | ADULT | MIN | .07 | .09 | .05 | .07 | .09 | .08 | .09 | .07 |
| | | GM | .21 | .18 | .22 | .23 | .17 | .19 | .18 | .21 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .04 | .09 | .07 | .04 | .05 | .05 | .06 |
| | | GM | .14 | .13 | .14 | .14 | .12 | .13 | .13 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .10 | .08 | .14 | .11 | .07 | .09 | .08 | .10 |
| | | GM | .19 | .18 | .19 | .19 | .18 | .19 | .18 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.036 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5468500 Cedar Creek at Little York

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .04 | .02 | .04 | .03 | .03 | .03 | .03 | .03 |
| 2 | JUVNL | MIN | .03 | .05 | .02 | .04 | .04 | .03 | .04 | .03 |
| | | GM | .08 | .20 | .06 | .10 | .10 | .09 | .10 | .09 |
| | ADULT | MIN | .11 | .15 | .09 | .13 | .13 | .12 | .13 | .12 |
| | | GM | .31 | .39 | .22 | .35 | .35 | .33 | .35 | .33 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .42 | .28 | .40 | .33 | .34 | .37 | .34 | .37 |
| | | GM | .44 | .41 | .48 | .42 | .43 | .43 | .43 | .43 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .49 | .36 | .46 | .42 | .43 | .46 | .43 | .46 |
| | | GM | .50 | .48 | .53 | .49 | .49 | .50 | .49 | .50 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .09 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .50 | .19 | .62 | .33 | .35 | .42 | .35 | .42 |
| | | GM | .66 | .42 | .73 | .54 | .55 | .61 | .55 | .61 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.037 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5469000 Henderson Creek near Oquawka

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .02 | .12 | .00 | .03 | .07 | .03 | .04 | .02 |
| | | GM | .10 | .21 | .00 | .13 | .17 | .11 | .14 | .09 |
| | ADULT | MIN | .03 | .02 | .05 | .03 | .02 | .03 | .03 | .03 |
| | | GM | .13 | .12 | .13 | .13 | .13 | .13 | .13 | .13 |
| 2 | JUVNL | MIN | .09 | .14 | .04 | .10 | .12 | .09 | .10 | .08 |
| | | GM | .15 | .33 | .05 | .18 | .25 | .16 | .21 | .13 |
| | ADULT | MIN | .23 | .32 | .15 | .24 | .27 | .24 | .25 | .22 |
| | | GM | .24 | .35 | .15 | .25 | .28 | .24 | .26 | .23 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .08 | .04 | .09 | .08 | .06 | .08 | .07 | .09 |
| | | GM | .08 | .06 | .11 | .08 | .07 | .08 | .08 | .09 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .82 | .73 | .65 | .84 | .83 | .83 | .86 | .81 |
| | | GM | .86 | .82 | .80 | .86 | .86 | .86 | .86 | .86 |
| | ADULT | MIN | .02 | .01 | .03 | .02 | .01 | .02 | .01 | .02 |
| | | GM | .12 | .09 | .14 | .12 | .10 | .12 | .11 | .12 |
| 6 | JUVNL | MIN | .89 | .72 | .66 | .91 | .89 | .90 | .92 | .88 |
| | | GM | .93 | .85 | .81 | .94 | .92 | .93 | .94 | .93 |
| | ADULT | MIN | .04 | .02 | .05 | .03 | .03 | .03 | .03 | .04 |
| | | GM | .17 | .11 | .21 | .16 | .14 | .16 | .15 | .17 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .80 | .70 | .88 | .78 | .74 | .79 | .77 | .82 |
| | | GM | .87 | .83 | .89 | .87 | .85 | .87 | .86 | .88 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.038 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5495500 Bear Creek near Marcelline

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .03 | .07 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .15 | .10 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .19 | .00 | .12 | .16 | .00 | .03 | .00 | .08 |
| | | GM | .21 | .00 | .35 | .26 | .00 | .08 | .00 | .13 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .03 | .00 | .10 | .05 | .00 | .00 | .00 | .01 |
| | | GM | .14 | .00 | .23 | .19 | .00 | .00 | .00 | .07 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .06 | .02 | .15 | .09 | .00 | .03 | .01 | .03 |
| | | GM | .21 | .14 | .29 | .24 | .06 | .15 | .10 | .17 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.039 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5510500 Hadley Creek at Kinderhook

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .14 | .00 | .09 | .12 | .00 | .00 | .00 | .08 |
| | | GM | .15 | .00 | .21 | .17 | .00 | .00 | .00 | .11 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .02 | .00 | .06 | .03 | .00 | .00 | .00 | .01 |
| | | GM | .10 | .00 | .15 | .12 | .00 | .00 | .00 | .06 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .05 | .02 | .09 | .06 | .00 | .01 | .02 | .03 |
| | | GM | .17 | .13 | .20 | .18 | .00 | .10 | .11 | .15 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.040 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5512500 Bay Creek at Pittsfield

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .08 | .08 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .13 | .09 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .00 | .00 | .03 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .09 | .06 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .02 | .01 | .06 | .03 | .00 | .01 | .00 | .01 |
| | | GM | .12 | .08 | .15 | .14 | .00 | .08 | .06 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.041 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5513000 Bay Creek at Nebo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .01 | .02 | .00 | .00 | .00 | .02 | .00 | .02 |
| | | GM | .04 | .04 | .00 | .00 | .00 | .03 | .00 | .05 |
| | ADULT | MIN | .07 | .09 | .03 | .06 | .13 | .10 | .11 | .08 |
| | | GM | .20 | .18 | .18 | .22 | .14 | .17 | .16 | .18 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .04 | .11 | .08 | .02 | .04 | .03 | .05 |
| | | GM | .13 | .13 | .14 | .14 | .10 | .12 | .12 | .13 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .10 | .08 | .16 | .12 | .05 | .07 | .06 | .08 |
| | | GM | .19 | .18 | .18 | .19 | .16 | .18 | .18 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.042 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5520000 Singleton Ditch at Illinoi

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .07 | .32 | .03 | .26 | .12 | .08 | .10 | .05 |
| | | GM | .25 | .53 | .18 | .48 | .33 | .28 | .31 | .22 |
| | ADULT | MIN | .08 | .06 | .09 | .07 | .07 | .08 | .08 | .09 |
| | | GM | .25 | .25 | .24 | .25 | .25 | .25 | .26 | .24 |
| 2 | JUVNL | MIN | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .12 | .00 | .06 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .10 | .13 | .09 | .12 | .11 | .10 | .10 | .09 |
| | | GM | .16 | .30 | .15 | .24 | .18 | .17 | .17 | .16 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .11 | .07 | .12 | .08 | .10 | .11 | .11 | .12 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .09 |
| | | GM | .13 | .11 | .13 | .11 | .12 | .13 | .12 | .13 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .89 | .98 | .84 | .97 | .93 | .91 | .92 | .87 |
| | | GM | .94 | .99 | .92 | .98 | .96 | .95 | .96 | .93 |
| | ADULT | MIN | .04 | .03 | .04 | .03 | .04 | .04 | .04 | .04 |
| | | GM | .19 | .18 | .19 | .18 | .19 | .19 | .19 | .19 |
| 6 | JUVNL | MIN | .95 | 1.00 | .91 | 1.00 | .99 | .97 | .98 | .93 |
| | | GM | .98 | 1.00 | .95 | 1.00 | .99 | .98 | .99 | .97 |
| | ADULT | MIN | .09 | .06 | .10 | .07 | .08 | .09 | .09 | .09 |
| | | GM | .26 | .22 | .28 | .23 | .25 | .26 | .25 | .27 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .09 | .03 | .10 | .04 | .07 | .08 | .08 | .09 |
| | | GM | .29 | .17 | .32 | .21 | .26 | .29 | .28 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .97 | .92 | .96 | .94 | .96 | .97 | .96 | .97 |
| | | GM | .97 | .96 | .97 | .97 | .97 | .97 | .97 | .97 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.043 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5520500 Kankakee River at Momence

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .07 | .02 | .06 | .02 | .05 | .06 | .06 | .07 |
| | | GM | .07 | .05 | .07 | .05 | .07 | .07 | .07 | .07 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .06 | .00 | .04 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .09 | .03 | .08 | .05 | .05 | .05 | .04 |
| | | GM | .07 | .19 | .05 | .16 | .09 | .08 | .08 | .06 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .00 | .01 | .01 |
| | | GM | .05 | .00 | .07 | .00 | .02 | .04 | .04 | .06 |
| 4 | JUVNL | MIN | .16 | .04 | .19 | .06 | .13 | .15 | .15 | .18 |
| | | GM | .19 | .06 | .22 | .08 | .16 | .17 | .17 | .20 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .20 | .39 | .18 | .35 | .23 | .21 | .21 | .19 |
| | | GM | .45 | .53 | .42 | .53 | .48 | .46 | .46 | .43 |
| | ADULT | MIN | .03 | .01 | .04 | .01 | .03 | .03 | .03 | .04 |
| | | GM | .10 | .06 | .11 | .07 | .10 | .10 | .10 | .11 |
| 6 | JUVNL | MIN | .24 | .45 | .21 | .41 | .27 | .25 | .25 | .22 |
| | | GM | .49 | .56 | .45 | .60 | .52 | .50 | .50 | .47 |
| | ADULT | MIN | .07 | .02 | .09 | .02 | .06 | .06 | .07 | .08 |
| | | GM | .26 | .12 | .30 | .15 | .23 | .25 | .25 | .28 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .05 | .00 | .09 | .00 | .00 | .03 | .03 | .07 |
| | | GM | .22 | .00 | .29 | .00 | .07 | .17 | .18 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .72 | .69 | .69 | .74 | .75 | .73 | .73 | .70 |
| | | GM | .82 | .76 | .82 | .78 | .82 | .82 | .82 | .82 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.044 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5525000 Iroquois River at Iroquois

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .02 | .00 | .00 | .01 | .00 | .00 | .00 |
| | | GM | .00 | .05 | .00 | .00 | .04 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .00 | .05 | .01 | .00 | .01 | .01 | .03 |
| | | GM | .10 | .02 | .12 | .05 | .05 | .06 | .06 | .10 |
| 2 | JUVNL | MIN | .09 | .20 | .05 | .14 | .17 | .11 | .13 | .09 |
| | | GM | .10 | .39 | .06 | .18 | .21 | .14 | .15 | .10 |
| | ADULT | MIN | .18 | .22 | .16 | .20 | .21 | .19 | .20 | .18 |
| | | GM | .23 | .47 | .16 | .43 | .45 | .39 | .42 | .22 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .06 | .00 | .09 | .00 | .00 | .01 | .00 | .07 |
| | | GM | .07 | .00 | .10 | .00 | .00 | .03 | .00 | .08 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .72 | .28 | .66 | .37 | .34 | .50 | .45 | .71 |
| | | GM | .77 | .47 | .80 | .54 | .52 | .62 | .59 | .78 |
| | ADULT | MIN | .01 | .00 | .02 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .10 | .00 | .14 | .00 | .00 | .04 | .00 | .11 |
| 6 | JUVNL | MIN | .77 | .36 | .68 | .46 | .43 | .56 | .51 | .75 |
| | | GM | .83 | .56 | .82 | .62 | .60 | .67 | .65 | .85 |
| | ADULT | MIN | .03 | .00 | .05 | .00 | .00 | .00 | .00 | .03 |
| | | GM | .14 | .00 | .20 | .00 | .00 | .06 | .00 | .15 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .74 | .19 | .87 | .42 | .35 | .58 | .54 | .77 |
| | | GM | .83 | .43 | .89 | .63 | .57 | .74 | .71 | .84 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.045 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5525500 Sugar Creek at Milford

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .01 | .03 | .00 | .01 | .02 | .01 | .02 | .01 |
| | | GM | .08 | .12 | .00 | .10 | .11 | .10 | .11 | .07 |
| | ADULT | MIN | .07 | .10 | .04 | .08 | .09 | .08 | .08 | .07 |
| | | GM | .26 | .30 | .20 | .28 | .30 | .28 | .29 | .26 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .13 | .08 | .19 | .11 | .09 | .11 | .10 | .13 |
| | | GM | .19 | .19 | .20 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .19 | .12 | .24 | .16 | .14 | .16 | .15 | .19 |
| | | GM | .26 | .25 | .25 | .25 | .25 | .25 | .25 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.046 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5526000 Iroquois River near Chebanse

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .01 | .00 | .02 | .01 | .02 | .02 | .00 |
| | | GM | .00 | .03 | .00 | .03 | .03 | .02 | .02 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .13 | .73 | .04 | .51 | .56 | .24 | .20 | .07 |
| | | GM | .35 | .77 | .20 | .65 | .67 | .47 | .43 | .27 |
| | ADULT | MIN | .20 | .33 | .14 | .27 | .27 | .23 | .22 | .16 |
| | | GM | .44 | .57 | .38 | .52 | .52 | .48 | .47 | .41 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .14 | .11 | .16 | .12 | .11 | .13 | .13 | .15 |
| | | GM | .32 | .32 | .31 | .32 | .32 | .32 | .33 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .20 | .16 | .22 | .18 | .17 | .19 | .19 | .21 |
| | | GM | .40 | .40 | .37 | .41 | .40 | .41 | .41 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.047 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5526500 Terry Creek near Custer Park

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .26 | .00 | .00 | .00 | .00 | .10 |
| | | GM | .00 | .00 | .27 | .00 | .00 | .00 | .00 | .13 |
| | ADULT | MIN | .18 | .03 | .24 | .17 | .08 | .18 | .18 | .21 |
| | | GM | .21 | .05 | .40 | .19 | .10 | .21 | .20 | .28 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .03 | .00 | .06 | .02 | .01 | .03 | .03 | .05 |
| | | GM | .14 | .00 | .23 | .13 | .06 | .14 | .14 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .06 | .03 | .10 | .05 | .03 | .06 | .06 | .08 |
| | | GM | .22 | .12 | .30 | .20 | .14 | .22 | .21 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.048 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5527000 Kankakee River at Custer Park

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .12 | .00 | .09 | .01 | .00 | .00 | .00 |
| | | GM | .00 | .35 | .00 | .30 | .09 | .00 | .00 | .00 |
| | ADULT | MIN | .43 | .56 | .35 | .60 | .53 | .46 | .46 | .35 |
| | | GM | .58 | .70 | .54 | .70 | .63 | .60 | .60 | .54 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .03 | .00 | .02 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .84 | .17 | .40 | .20 | .62 | .75 | .78 | .40 |
| | | GM | .86 | .41 | .60 | .44 | .76 | .82 | .84 | .60 |
| | ADULT | MIN | .48 | .22 | .45 | .24 | .38 | .44 | .45 | .45 |
| | | GM | .58 | .47 | .51 | .48 | .59 | .61 | .62 | .51 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .23 | .21 | .23 | .21 | .22 | .23 | .23 | .23 |
| | ADULT | MIN | .18 | .15 | .19 | .16 | .17 | .18 | .18 | .19 |
| | | GM | .40 | .38 | .41 | .39 | .40 | .40 | .40 | .41 |
| 5 | JUVNL | MIN | .73 | .93 | .67 | .91 | .79 | .75 | .75 | .67 |
| | | GM | .85 | .96 | .82 | .95 | .89 | .87 | .87 | .82 |
| | ADULT | MIN | .23 | .18 | .24 | .19 | .22 | .22 | .23 | .24 |
| | | GM | .43 | .41 | .43 | .42 | .43 | .43 | .43 | .43 |
| 6 | JUVNL | MIN | .78 | .99 | .70 | .97 | .86 | .81 | .81 | .70 |
| | | GM | .88 | .99 | .84 | .99 | .93 | .90 | .90 | .84 |
| | ADULT | MIN | .59 | .45 | .61 | .47 | .56 | .57 | .58 | .61 |
| | | GM | .69 | .58 | .71 | .60 | .66 | .68 | .68 | .71 |
| 7 | JUVNL | MIN | .82 | .66 | .85 | .70 | .79 | .81 | .81 | .85 |
| | | GM | .89 | .81 | .90 | .83 | .88 | .88 | .89 | .90 |
| | ADULT | MIN | .67 | .00 | .75 | .03 | .54 | .63 | .64 | .75 |
| | | GM | .82 | .00 | .86 | .19 | .73 | .79 | .80 | .86 |
| 8 | JUVNL | MIN | .79 | .70 | .81 | .72 | .77 | .78 | .78 | .81 |
| | | GM | .89 | .84 | .90 | .85 | .88 | .88 | .89 | .90 |
| | ADULT | MIN | .02 | .00 | .04 | .00 | .00 | .01 | .01 | .04 |
| | | GM | .15 | .00 | .21 | .00 | .00 | .09 | .11 | .21 |
| 9 | JUVNL | MIN | .93 | .99 | .92 | .98 | .95 | .94 | .94 | .92 |
| | | GM | .97 | .99 | .96 | .99 | .97 | .97 | .97 | .96 |
| | ADULT | MIN | .64 | .28 | .65 | .32 | .55 | .60 | .61 | .65 |
| | | GM | .69 | .52 | .66 | .55 | .67 | .68 | .69 | .66 |

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4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.049 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5527500 Kankakee River near Wilmington

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .01 | .03 | .01 | .02 | .02 | .02 | .02 |
| | | GM | .04 | .03 | .04 | .03 | .04 | .04 | .04 | .04 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .07 | .00 | .06 | .01 | .00 | .00 | .00 |
| | ADULT | MIN | .05 | .09 | .04 | .09 | .06 | .05 | .05 | .04 |
| | | GM | .12 | .29 | .10 | .28 | .15 | .13 | .13 | .10 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .05 | .00 | .07 | .00 | .04 | .05 | .05 | .07 |
| | | GM | .10 | .00 | .13 | .00 | .08 | .10 | .10 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .22 | .39 | .19 | .37 | .25 | .22 | .22 | .19 |
| | | GM | .42 | .40 | .40 | .41 | .42 | .42 | .42 | .40 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .01 |
| | | GM | .06 | .00 | .07 | .00 | .05 | .06 | .06 | .06 |
| 6 | JUVNL | MIN | .26 | .47 | .22 | .43 | .30 | .26 | .26 | .23 |
| | | GM | .46 | .47 | .46 | .47 | .46 | .46 | .46 | .46 |
| | ADULT | MIN | .02 | .00 | .03 | .00 | .02 | .02 | .02 | .03 |
| | | GM | .15 | .00 | .17 | .00 | .12 | .14 | .14 | .16 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .73 | .46 | .70 | .54 | .69 | .72 | .72 | .71 |
| | | GM | .73 | .63 | .73 | .67 | .73 | .73 | .73 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.050 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5529000 Des Plaines River near Des Plaines

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .01 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .07 | .00 | .11 | .03 | .00 | .00 | .00 | .03 |
| | ADULT | MIN | .07 | .05 | .08 | .06 | .04 | .06 | .05 | .06 |
| | | GM | .26 | .16 | .28 | .23 | .13 | .20 | .14 | .23 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .09 | .06 | .11 | .07 | .05 | .06 | .05 | .07 |
| | | GM | .16 | .12 | .19 | .14 | .10 | .13 | .11 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .13 | .09 | .16 | .11 | .08 | .10 | .09 | .11 |
| | | GM | .22 | .16 | .26 | .19 | .14 | .17 | .15 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.051 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5531000 Salt Creek near Arlington Heights

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .07 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .15 | .05 | .13 | .15 | .00 | .10 | .03 | .16 |
| | | GM | .18 | .09 | .23 | .18 | .00 | .13 | .07 | .17 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .02 | .00 | .05 | .02 | .00 | .01 | .00 | .02 |
| | | GM | .12 | .05 | .16 | .12 | .00 | .08 | .00 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .05 | .03 | .08 | .05 | .02 | .04 | .03 | .05 |
| | | GM | .18 | .15 | .22 | .18 | .12 | .17 | .14 | .18 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.052 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5531500 Salt Creek at Western Springs

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .04 | .02 | .03 | .05 | .04 | .04 | .03 |
| | | GM | .16 | .19 | .15 | .18 | .21 | .19 | .19 | .17 |
| | ADULT | MIN | .10 | .14 | .09 | .12 | .15 | .13 | .13 | .11 |
| | | GM | .32 | .37 | .31 | .35 | .38 | .36 | .36 | .34 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .23 | .18 | .25 | .21 | .17 | .19 | .20 | .21 |
| | | GM | .32 | .32 | .32 | .33 | .32 | .32 | .33 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .30 | .24 | .33 | .27 | .23 | .25 | .26 | .28 |
| | | GM | .39 | .38 | .39 | .38 | .38 | .38 | .39 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .06 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .22 | .00 | .31 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.053 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5532000 Addison Creek at Bellwood

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .17 | .26 | .07 | .42 | .08 | .23 | .21 | .36 |
| | | GM | .34 | .45 | .26 | .46 | .26 | .43 | .41 | .45 |
| | ADULT | MIN | .21 | .30 | .16 | .25 | .35 | .32 | .32 | .27 |
| | | GM | .46 | .46 | .41 | .48 | .40 | .43 | .39 | .48 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .06 | .13 | .08 | .04 | .06 | .06 | .07 |
| | | GM | .28 | .24 | .30 | .27 | .20 | .24 | .23 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .15 | .10 | .19 | .12 | .08 | .10 | .09 | .11 |
| | | GM | .35 | .32 | .37 | .34 | .28 | .31 | .31 | .33 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.054 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5532500 Des Plaines River at Riverside

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .01 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .08 | .00 | .03 | .13 | .06 | .09 | .04 |
| | | GM | .14 | .29 | .03 | .18 | .34 | .24 | .30 | .20 |
| | ADULT | MIN | .10 | .17 | .06 | .12 | .20 | .15 | .18 | .14 |
| | | GM | .31 | .41 | .24 | .35 | .44 | .39 | .42 | .37 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .28 | .16 | .26 | .24 | .13 | .19 | .16 | .21 |
| | | GM | .35 | .34 | .33 | .35 | .31 | .34 | .33 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .37 | .22 | .32 | .31 | .19 | .25 | .22 | .27 |
| | | GM | .42 | .41 | .40 | .41 | .39 | .40 | .41 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .21 | .00 | .50 | .08 | .00 | .00 | .00 | .00 |
| | | GM | .42 | .00 | .62 | .26 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.055 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5533000 Flag Creek near Willow Springs

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .04 | .10 | .04 | .09 | .07 | .06 | .07 | .06 |
| | | GM | .18 | .21 | .19 | .22 | .21 | .20 | .21 | .20 |
| | ADULT | MIN | .14 | .19 | .13 | .18 | .16 | .15 | .16 | .15 |
| | | GM | .38 | .40 | .36 | .40 | .40 | .39 | .40 | .39 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .12 | .08 | .14 | .09 | .10 | .11 | .10 | .11 |
| | | GM | .26 | .24 | .27 | .25 | .26 | .26 | .26 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .18 | .12 | .20 | .13 | .15 | .16 | .15 | .16 |
| | | GM | .33 | .30 | .34 | .31 | .32 | .32 | .32 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.056 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5533500 Des Plaines River at Lemont

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .01 | .00 | .03 | .00 | .00 | .00 | .00 | .02 |
| | | GM | .05 | .00 | .07 | .00 | .00 | .00 | .00 | .06 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .73 | .31 | .85 | .60 | .36 | .60 | .63 | .83 |
| | | GM | .82 | .54 | .92 | .75 | .58 | .75 | .76 | .86 |
| | ADULT | MIN | .55 | .82 | .36 | .70 | .84 | .70 | .60 | .44 |
| | | GM | .74 | .83 | .60 | .83 | .84 | .83 | .77 | .67 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .07 | .15 | .09 | .07 | .09 | .10 | .12 |
| | | GM | .32 | .26 | .38 | .30 | .27 | .30 | .31 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .16 | .11 | .21 | .14 | .11 | .14 | .14 | .18 |
| | | GM | .40 | .33 | .46 | .37 | .34 | .37 | .37 | .42 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.057 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5535000 Skokie River at Lake Forest

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .04 | .08 | .03 | .08 | .07 | .05 | .07 | .05 |
| | | GM | .11 | .09 | .13 | .10 | .11 | .11 | .11 | .10 |
| | ADULT | MIN | .13 | .18 | .11 | .17 | .16 | .15 | .16 | .15 |
| | | GM | .33 | .25 | .32 | .26 | .27 | .30 | .27 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .07 | .04 | .08 | .05 | .06 | .06 | .06 | .06 |
| | | GM | .20 | .17 | .20 | .18 | .19 | .20 | .19 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .11 | .08 | .12 | .08 | .09 | .10 | .09 | .10 |
| | | GM | .25 | .24 | .26 | .25 | .25 | .25 | .25 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.058 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .04 | .00 | .03 | .08 | .00 | .03 | .00 | .03 |
| | | GM | .10 | .00 | .12 | .08 | .00 | .05 | .00 | .05 |
| | ADULT | MIN | .14 | .19 | .11 | .17 | .20 | .18 | .20 | .18 |
| | | GM | .31 | .22 | .32 | .24 | .20 | .23 | .20 | .23 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .03 | .08 | .04 | .02 | .04 | .02 | .04 |
| | | GM | .19 | .15 | .20 | .17 | .13 | .16 | .13 | .16 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .10 | .06 | .12 | .08 | .05 | .07 | .05 | .07 |
| | | GM | .25 | .22 | .25 | .23 | .21 | .23 | .21 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.059 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536000 North Branch Chicago River at Niles

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .07 | .17 | .03 | .09 | .16 | .10 | .13 | .09 |
| | | GM | .26 | .33 | .09 | .30 | .33 | .30 | .32 | .30 |
| | ADULT | MIN | .16 | .21 | .13 | .18 | .21 | .18 | .20 | .18 |
| | | GM | .40 | .46 | .34 | .42 | .46 | .43 | .44 | .42 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .21 | .10 | .35 | .16 | .10 | .13 | .11 | .15 |
| | | GM | .37 | .28 | .43 | .34 | .28 | .31 | .29 | .33 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .27 | .14 | .44 | .22 | .15 | .19 | .17 | .21 |
| | | GM | .43 | .35 | .49 | .41 | .36 | .39 | .37 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .37 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .57 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.060 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536215 Thorn Creek at Glenwood

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .01 | .00 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .07 | .00 | .07 | .03 | .00 | .03 | .00 |
| | ADULT | MIN | .05 | .07 | .05 | .07 | .06 | .06 | .06 | .06 |
| | | GM | .23 | .26 | .22 | .26 | .24 | .24 | .24 | .24 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .19 | .08 | .22 | .09 | .13 | .15 | .14 | .16 |
| | | GM | .21 | .16 | .22 | .16 | .18 | .19 | .19 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .25 | .12 | .26 | .14 | .19 | .21 | .20 | .22 |
| | | GM | .26 | .21 | .27 | .22 | .24 | .25 | .25 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.061 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536235 Deer Creek near Chicago Heights

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .03 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .03 |
| | ADULT | MIN | .15 | .18 | .09 | .17 | .20 | .16 | .18 | .14 |
| | | GM | .21 | .20 | .19 | .21 | .20 | .21 | .21 | .21 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .03 | .02 | .05 | .03 | .02 | .03 | .03 | .04 |
| | | GM | .14 | .13 | .14 | .14 | .13 | .15 | .14 | .15 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .06 | .05 | .08 | .06 | .05 | .06 | .06 | .07 |
| | | GM | .20 | .21 | .19 | .21 | .21 | .21 | .21 | .20 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.062 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536255 Butterfield Creek at Flossmoor

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .08 | .05 | .08 | .08 | .05 | .08 | .05 | .08 |
| | | GM | .08 | .08 | .09 | .09 | .08 | .09 | .08 | .09 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .01 | .00 | .01 | .01 | .00 | .01 | .00 | .01 |
| | | GM | .05 | .04 | .05 | .05 | .04 | .05 | .04 | .05 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .12 | .13 | .12 | .13 | .13 | .13 | .13 | .13 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.063 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536265 Lansing Ditch near Lansing

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .14 | .08 | .16 | .09 | .05 | .08 | .04 | .07 |
| | | GM | .27 | .26 | .26 | .26 | .23 | .26 | .20 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .40 | .96 | .29 | .94 | 1.00 | .95 | 1.00 | .98 |
| | | GM | .62 | .98 | .52 | .97 | 1.00 | .97 | 1.00 | .99 |
| | ADULT | MIN | .86 | .94 | .82 | .94 | .95 | .94 | .96 | .94 |
| | | GM | .92 | .97 | .89 | .97 | .98 | .97 | .98 | .97 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .29 | .22 | .32 | .23 | .19 | .22 | .17 | .21 |
| | | GM | .54 | .46 | .56 | .48 | .43 | .47 | .41 | .46 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .38 | .29 | .40 | .30 | .25 | .29 | .23 | .28 |
| | | GM | .61 | .53 | .63 | .55 | .50 | .54 | .48 | .53 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .23 | .02 | .29 | .06 | .00 | .04 | .00 | .00 |
| | | GM | .48 | .14 | .54 | .24 | .00 | .20 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.064 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536270 North Creek near Lansing

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .18 | .00 | .36 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .39 | .00 | .54 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .36 | .13 | .33 | .23 | .00 | .13 | .00 | .15 |
| | | GM | .40 | .25 | .53 | .32 | .00 | .25 | .00 | .27 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .01 | .07 | .03 | .00 | .01 | .00 | .02 |
| | | GM | .23 | .11 | .26 | .16 | .00 | .11 | .00 | .13 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .09 | .04 | .11 | .06 | .02 | .04 | .02 | .05 |
| | | GM | .30 | .20 | .34 | .24 | .15 | .20 | .14 | .21 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.065 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536275 Thorn Creek at Thornton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .03 |
| 2 | JUVNL | MIN | .02 | .06 | .01 | .04 | .03 | .02 | .03 | .02 |
| | | GM | .06 | .22 | .03 | .10 | .09 | .08 | .09 | .07 |
| | ADULT | MIN | .08 | .16 | .07 | .13 | .11 | .09 | .10 | .09 |
| | | GM | .28 | .40 | .23 | .35 | .32 | .30 | .31 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .36 | .28 | .27 | .32 | .34 | .36 | .35 | .38 |
| | | GM | .38 | .42 | .37 | .41 | .40 | .39 | .40 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .42 | .36 | .33 | .40 | .43 | .45 | .44 | .45 |
| | | GM | .45 | .49 | .43 | .48 | .47 | .46 | .47 | .46 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .48 | .19 | .58 | .29 | .35 | .41 | .37 | .44 |
| | | GM | .63 | .42 | .67 | .51 | .55 | .59 | .56 | .61 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.066 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536290 Little Calumet River at South Holland

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .04 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .06 | .01 | .10 | .03 | .04 | .05 | .05 | .06 |
| | | GM | .15 | .08 | .17 | .11 | .13 | .14 | .14 | .15 |
| 2 | JUVNL | MIN | .01 | .15 | .00 | .09 | .06 | .04 | .04 | .02 |
| | | GM | .03 | .15 | .00 | .10 | .07 | .05 | .06 | .04 |
| | ADULT | MIN | .13 | .21 | .08 | .19 | .18 | .14 | .15 | .13 |
| | | GM | .15 | .30 | .11 | .22 | .18 | .16 | .16 | .15 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .00 | .09 | .00 | .00 | .00 | .00 | .04 |
| 4 | JUVNL | MIN | .09 | .03 | .09 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .12 | .05 | .14 | .08 | .10 | .11 | .11 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .69 | .65 | .62 | .74 | .72 | .70 | .71 | .69 |
| | | GM | .83 | .71 | .79 | .81 | .83 | .83 | .83 | .83 |
| | ADULT | MIN | .03 | .01 | .05 | .02 | .02 | .03 | .03 | .03 |
| | | GM | .15 | .07 | .18 | .11 | .14 | .14 | .14 | .15 |
| 6 | JUVNL | MIN | .72 | .67 | .63 | .79 | .77 | .74 | .75 | .72 |
| | | GM | .85 | .75 | .79 | .88 | .88 | .86 | .87 | .85 |
| | ADULT | MIN | .06 | .01 | .11 | .03 | .05 | .06 | .05 | .06 |
| | | GM | .23 | .10 | .30 | .16 | .20 | .21 | .21 | .23 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .03 | .00 | .12 | .00 | .00 | .00 | .00 | .02 |
| | | GM | .17 | .00 | .35 | .00 | .00 | .00 | .00 | .15 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .92 | .67 | .90 | .79 | .86 | .89 | .88 | .92 |
| | | GM | .92 | .79 | .95 | .86 | .89 | .91 | .90 | .92 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.067 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536340 Midlothian Creek at Oak Forest

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .16 | .00 | .36 | .13 | .00 | .05 | .03 | .16 |
| | | GM | .37 | .00 | .46 | .34 | .00 | .22 | .15 | .37 |
| | ADULT | MIN | .38 | .28 | .28 | .39 | .23 | .33 | .30 | .38 |
| | | GM | .40 | .47 | .48 | .40 | .44 | .42 | .43 | .40 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .05 | .03 | .07 | .05 | .03 | .04 | .04 | .05 |
| | | GM | .22 | .18 | .26 | .22 | .16 | .19 | .19 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .09 | .06 | .11 | .08 | .06 | .07 | .07 | .09 |
| | | GM | .30 | .25 | .33 | .29 | .24 | .27 | .26 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.068 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5539000 Hickory Creek at Joliet

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .50 | .18 | .47 | .26 | .36 | .50 | .45 | .57 |
| | | GM | .59 | .40 | .56 | .47 | .53 | .61 | .58 | .58 |
| | ADULT | MIN | .29 | .45 | .26 | .36 | .32 | .29 | .29 | .28 |
| | | GM | .51 | .47 | .51 | .50 | .52 | .52 | .51 | .51 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .06 | .10 | .06 | .07 | .08 | .08 | .09 |
| | | GM | .28 | .23 | .30 | .25 | .26 | .28 | .27 | .29 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .09 | .15 | .10 | .11 | .12 | .12 | .13 |
| | | GM | .35 | .30 | .37 | .32 | .33 | .35 | .34 | .36 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.069 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5539900 W. B. Du Page River near West Chicago

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .02 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .06 | .03 | .04 | .08 | .05 | .07 | .04 |
| | | GM | .15 | .24 | .08 | .20 | .24 | .23 | .24 | .20 |
| | ADULT | MIN | .11 | .16 | .10 | .14 | .17 | .15 | .16 | .14 |
| | | GM | .34 | .40 | .30 | .37 | .41 | .39 | .41 | .37 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .28 | .14 | .38 | .19 | .10 | .15 | .11 | .19 |
| | | GM | .37 | .30 | .40 | .33 | .27 | .31 | .28 | .33 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .37 | .20 | .47 | .25 | .15 | .21 | .17 | .25 |
| | | GM | .44 | .36 | .48 | .39 | .33 | .37 | .34 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .21 | .00 | .44 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .43 | .00 | .62 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.070 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5540500 Du Page River at Shorewood

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .05 | .01 | .03 | .02 | .02 | .03 | .02 |
| | | GM | .13 | .16 | .08 | .16 | .16 | .14 | .16 | .14 |
| | ADULT | MIN | .08 | .15 | .07 | .13 | .10 | .09 | .10 | .09 |
| | | GM | .29 | .37 | .26 | .35 | .31 | .30 | .31 | .30 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .18 | .09 | .22 | .11 | .14 | .16 | .14 | .16 |
| | | GM | .25 | .24 | .25 | .24 | .24 | .25 | .24 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .24 | .13 | .29 | .16 | .20 | .22 | .20 | .22 |
| | | GM | .32 | .29 | .32 | .30 | .31 | .31 | .31 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .17 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.071 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5542000 Mazon River near Coal City

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .08 | .00 | .14 | .10 | .00 | .00 | .00 | .05 |
| | | GM | .21 | .00 | .19 | .22 | .00 | .00 | .00 | .18 |
| | ADULT | MIN | .27 | .20 | .20 | .26 | .15 | .28 | .20 | .28 |
| | | GM | .31 | .26 | .37 | .31 | .24 | .29 | .26 | .30 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .04 | .02 | .06 | .05 | .02 | .03 | .02 | .04 |
| | | GM | .19 | .15 | .22 | .20 | .12 | .17 | .15 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .08 | .05 | .10 | .08 | .05 | .06 | .05 | .07 |
| | | GM | .27 | .23 | .29 | .27 | .21 | .25 | .23 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.072 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5443500 Illinois River at Marseilles

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .05 | .00 | .06 | .00 | .04 | .05 | .04 | .05 |
| | | GM | .10 | .00 | .11 | .00 | .09 | .10 | .09 | .10 |
| | ADULT | MIN | .11 | .02 | .13 | .02 | .10 | .12 | .10 | .11 |
| | | GM | .16 | .07 | .17 | .08 | .16 | .17 | .16 | .16 |
| 4 | JUVNL | MIN | .43 | .20 | .46 | .22 | .41 | .44 | .40 | .43 |
| | | GM | .66 | .44 | .68 | .47 | .64 | .66 | .64 | .66 |
| | ADULT | MIN | .11 | .00 | .12 | .00 | .11 | .11 | .10 | .11 |
| | | GM | .16 | .00 | .17 | .00 | .16 | .16 | .16 | .16 |
| 5 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .04 | .00 | .05 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .07 | .00 | .07 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .07 | .10 | .05 | .11 | .08 | .06 | .09 | .07 |
| | | GM | .14 | .30 | .13 | .31 | .15 | .14 | .16 | .14 |
| 7 | JUVNL | MIN | .16 | .00 | .15 | .00 | .16 | .16 | .17 | .16 |
| | | GM | .24 | .00 | .25 | .00 | .23 | .24 | .22 | .24 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .50 | .11 | .48 | .13 | .47 | .52 | .45 | .50 |
| | | GM | .52 | .32 | .51 | .35 | .52 | .52 | .52 | .52 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .11 | .29 | .10 | .27 | .12 | .11 | .13 | .11 |
| | | GM | .34 | .54 | .32 | .52 | .35 | .34 | .36 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .01 | .00 | .01 | .00 |
| | | GM | .02 | .00 | .00 | .00 | .03 | .02 | .03 | .02 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.073 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5449000 Boone Creek near McHenry

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .03 | .00 | .03 | .01 | .00 | .00 | .00 |
| | | GM | .00 | .09 | .00 | .09 | .06 | .00 | .04 | .00 |
| | ADULT | MIN | .05 | .12 | .04 | .11 | .07 | .06 | .06 | .05 |
| | | GM | .23 | .29 | .20 | .29 | .25 | .23 | .24 | .22 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .09 | .06 | .10 | .07 | .09 | .09 | .09 | .10 |
| | | GM | .15 | .18 | .14 | .18 | .16 | .15 | .15 | .15 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .14 | .10 | .15 | .11 | .13 | .13 | .13 | .14 |
| | | GM | .19 | .24 | .19 | .23 | .21 | .20 | .20 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.074 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5550000 Fox River at Algonquin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .01 | .01 | .01 |
| | | GM | .02 | .00 | .01 | .01 | .01 | .02 | .02 | .01 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .05 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .06 | .00 | .04 | .04 | .02 | .01 | .00 |
| | | GM | .05 | .25 | .00 | .21 | .18 | .13 | .08 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .02 |
| | | GM | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .08 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .25 | .08 | .21 | .19 | .15 | .12 | .09 |
| | | GM | .22 | .26 | .21 | .25 | .24 | .23 | .22 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .03 |
| 6 | JUVNL | MIN | .15 | .32 | .11 | .25 | .22 | .18 | .15 | .12 |
| | | GM | .27 | .32 | .26 | .31 | .30 | .29 | .28 | .26 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .08 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .52 | .12 | .54 | .23 | .29 | .42 | .50 | .56 |
| | | GM | .56 | .30 | .58 | .41 | .45 | .53 | .56 | .58 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.075 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5550500 Poplar Creek at Elgin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .18 | .00 | .19 | .08 | .00 | .08 | .05 | .10 |
| | | GM | .19 | .00 | .23 | .14 | .00 | .14 | .12 | .16 |
| | ADULT | MIN | .22 | .24 | .22 | .23 | .24 | .23 | .24 | .23 |
| | | GM | .32 | .26 | .42 | .29 | .26 | .29 | .28 | .30 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .03 | .07 | .04 | .03 | .04 | .04 | .05 |
| | | GM | .21 | .16 | .23 | .19 | .16 | .19 | .18 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .09 | .06 | .11 | .08 | .06 | .08 | .07 | .08 |
| | | GM | .28 | .24 | .30 | .26 | .24 | .26 | .25 | .27 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.076 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5551200 Ferson Creek near St. Charles

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .06 | .03 | .04 | .08 | .05 | .05 | .03 |
| | | GM | .13 | .11 | .13 | .11 | .12 | .11 | .11 | .12 |
| | ADULT | MIN | .11 | .15 | .10 | .14 | .17 | .15 | .15 | .13 |
| | | GM | .33 | .30 | .32 | .34 | .28 | .32 | .32 | .33 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .09 | .06 | .10 | .07 | .06 | .06 | .06 | .08 |
| | | GM | .21 | .20 | .21 | .20 | .19 | .20 | .20 | .20 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .13 | .10 | .14 | .11 | .09 | .10 | .10 | .12 |
| | | GM | .26 | .25 | .26 | .26 | .26 | .25 | .25 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.077 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5551700 Blackberry Creek near Yorkville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .07 | .01 | .05 | .02 | .02 | .02 | .02 |
| | | GM | .14 | .25 | .11 | .21 | .16 | .14 | .15 | .12 |
| | ADULT | MIN | .09 | .16 | .08 | .15 | .10 | .09 | .09 | .08 |
| | | GM | .30 | .41 | .28 | .38 | .31 | .30 | .30 | .28 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .19 | .12 | .21 | .13 | .17 | .19 | .18 | .20 |
| | | GM | .27 | .28 | .26 | .28 | .27 | .26 | .27 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .25 | .18 | .27 | .19 | .24 | .25 | .24 | .26 |
| | | GM | .33 | .35 | .32 | .35 | .33 | .33 | .33 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.078 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5552500 Fox River at Dayton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .04 | .02 | .05 | .06 | .05 | .05 | .03 |
| | | GM | .06 | .07 | .05 | .07 | .07 | .06 | .06 | .05 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .02 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .06 | .00 | .05 | .03 | .02 | .02 | .00 |
| | | GM | .03 | .11 | .00 | .09 | .06 | .04 | .04 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .00 | .02 | .00 | .01 | .01 | .02 | .02 |
| | | GM | .08 | .00 | .09 | .02 | .05 | .07 | .07 | .09 |
| 4 | JUVNL | MIN | .21 | .11 | .23 | .13 | .17 | .19 | .20 | .23 |
| | | GM | .25 | .13 | .29 | .16 | .20 | .23 | .24 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .13 | .27 | .10 | .23 | .18 | .15 | .14 | .11 |
| | | GM | .36 | .51 | .31 | .48 | .42 | .39 | .38 | .32 |
| | ADULT | MIN | .04 | .02 | .05 | .03 | .03 | .04 | .04 | .05 |
| | | GM | .10 | .09 | .11 | .10 | .10 | .10 | .10 | .11 |
| 6 | JUVNL | MIN | .16 | .33 | .13 | .27 | .21 | .18 | .18 | .14 |
| | | GM | .40 | .57 | .36 | .52 | .46 | .43 | .42 | .38 |
| | ADULT | MIN | .10 | .05 | .12 | .06 | .07 | .09 | .10 | .12 |
| | | GM | .32 | .21 | .35 | .23 | .26 | .30 | .31 | .35 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .11 | .00 | .15 | .00 | .05 | .09 | .10 | .14 |
| | | GM | .33 | .00 | .39 | .07 | .23 | .29 | .31 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .63 | .78 | .58 | .75 | .69 | .66 | .65 | .60 |
| | | GM | .79 | .82 | .76 | .82 | .81 | .80 | .80 | .77 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.079 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5554000 N. F. Vermilion River near Charlotte

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .05 | .00 | .25 | .05 | .00 | .00 | .00 | .10 |
| | | GM | .16 | .00 | .33 | .16 | .00 | .00 | .00 | .22 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .06 | .00 | .17 | .06 | .00 | .00 | .00 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .03 | .01 | .06 | .03 | .00 | .02 | .02 | .04 |
| | | GM | .17 | .09 | .25 | .17 | .06 | .14 | .12 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.080 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5554500 Vermilion River at Pontiac

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .01 | .00 | .02 | .01 | .00 | .01 | .01 | .02 |
| | | GM | .05 | .00 | .05 | .04 | .03 | .06 | .05 | .06 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .77 | .57 | .80 | .70 | .67 | .80 | .77 | .85 |
| | | GM | .83 | .74 | .86 | .81 | .79 | .85 | .84 | .86 |
| | ADULT | MIN | .50 | .87 | .32 | .70 | .80 | .44 | .55 | .36 |
| | | GM | .70 | .91 | .56 | .84 | .89 | .67 | .74 | .60 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .09 | .13 | .10 | .10 | .11 | .11 | .12 |
| | | GM | .33 | .30 | .35 | .32 | .31 | .33 | .33 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .16 | .13 | .19 | .15 | .15 | .17 | .16 | .18 |
| | | GM | .40 | .36 | .44 | .39 | .38 | .41 | .40 | .43 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.081 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5555500 Vermilion River at Lowell

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .03 | .02 | .00 | .04 | .04 | .03 | .04 | .02 |
| | | GM | .04 | .05 | .02 | .05 | .04 | .04 | .05 | .04 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .33 | .74 | .16 | .51 | .47 | .33 | .42 | .20 |
| | | GM | .58 | .81 | .38 | .72 | .68 | .58 | .65 | .44 |
| | ADULT | MIN | .24 | .29 | .21 | .27 | .26 | .24 | .25 | .22 |
| | | GM | .49 | .54 | .46 | .52 | .51 | .49 | .50 | .47 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .20 | .13 | .24 | .16 | .17 | .20 | .18 | .22 |
| | | GM | .41 | .34 | .43 | .38 | .38 | .41 | .39 | .42 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .26 | .19 | .32 | .22 | .23 | .26 | .24 | .29 |
| | | GM | .49 | .43 | .52 | .46 | .46 | .49 | .47 | .50 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .02 |
| | | GM | .00 | .00 | .30 | .00 | .00 | .00 | .00 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.082 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5556500 Bureau Creek at Princeton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .19 | .16 | .04 | .17 | .26 | .14 | .26 | .13 |
| | | GM | .23 | .34 | .14 | .22 | .29 | .21 | .27 | .21 |
| | ADULT | MIN | .22 | .29 | .14 | .21 | .24 | .20 | .24 | .20 |
| | | GM | .42 | .36 | .36 | .41 | .41 | .41 | .40 | .41 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .07 | .05 | .09 | .07 | .06 | .07 | .06 | .07 |
| | | GM | .23 | .22 | .23 | .23 | .23 | .23 | .23 | .24 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .11 | .09 | .13 | .11 | .10 | .11 | .10 | .11 |
| | | GM | .30 | .29 | .28 | .30 | .30 | .30 | .30 | .30 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.083 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5558500 Crow Creek (West) near Henry

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .15 | .13 | .14 | .15 | .05 | .13 | .05 | .15 |
| | | GM | .18 | .14 | .22 | .18 | .09 | .14 | .09 | .16 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .03 | .01 | .04 | .02 | .00 | .01 | .00 | .02 |
| | | GM | .13 | .09 | .16 | .12 | .05 | .09 | .05 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .06 | .04 | .08 | .05 | .03 | .04 | .03 | .05 |
| | | GM | .19 | .17 | .21 | .18 | .15 | .17 | .15 | .18 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.084 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5560500 Farm Creek at Farmdale

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .15 | .03 | .14 | .08 | .00 | .05 | .03 | .10 |
| | | GM | .16 | .08 | .18 | .12 | .00 | .11 | .08 | .14 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .02 | .00 | .03 | .01 | .00 | .00 | .00 | .01 |
| | | GM | .11 | .00 | .12 | .07 | .00 | .05 | .00 | .09 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .05 | .03 | .06 | .03 | .02 | .03 | .03 | .04 |
| | | GM | .18 | .16 | .18 | .17 | .13 | .16 | .16 | .18 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.085 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5562000 Farm Creek at East Peoria

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .09 | .09 | .09 | .09 | .09 | .09 | .08 | .09 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.086 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5563000 Kickapoo Creek near Kickapoo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .02 | .00 | .00 | .00 | .01 |
| | | GM | .00 | .00 | .00 | .02 | .00 | .00 | .00 | .02 |
| | ADULT | MIN | .08 | .08 | .05 | .08 | .09 | .09 | .09 | .08 |
| | | GM | .15 | .09 | .21 | .16 | .12 | .14 | .13 | .16 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .03 | .01 | .07 | .04 | .02 | .03 | .02 | .04 |
| | | GM | .10 | .05 | .13 | .11 | .08 | .10 | .09 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .06 | .03 | .11 | .07 | .05 | .06 | .05 | .07 |
| | | GM | .16 | .13 | .17 | .17 | .15 | .16 | .15 | .16 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.087 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5563500 Kickapoo Creek at Peoria

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .05 | .17 | .02 | .04 | .11 | .08 | .08 | .05 |
| | | GM | .18 | .26 | .13 | .17 | .23 | .22 | .22 | .18 |
| | ADULT | MIN | .15 | .21 | .08 | .14 | .19 | .17 | .17 | .15 |
| | | GM | .38 | .43 | .29 | .37 | .42 | .41 | .41 | .38 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .08 | .17 | .11 | .08 | .10 | .09 | .11 |
| | | GM | .26 | .25 | .25 | .25 | .25 | .26 | .25 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .16 | .12 | .24 | .16 | .12 | .14 | .14 | .16 |
| | | GM | .31 | .32 | .31 | .31 | .32 | .32 | .31 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.088 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5567500 Mackinaw River near Congerville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .20 | .00 | .04 | .07 | .03 | .04 | .02 |
| | | GM | .14 | .32 | .00 | .16 | .21 | .14 | .16 | .11 |
| | ADULT | MIN | .10 | .22 | .04 | .14 | .16 | .10 | .13 | .08 |
| | | GM | .32 | .45 | .21 | .37 | .40 | .32 | .36 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .08 | .13 | .10 | .10 | .11 | .10 | .11 |
| | | GM | .22 | .26 | .17 | .24 | .25 | .22 | .24 | .20 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .16 | .12 | .19 | .15 | .14 | .16 | .15 | .17 |
| | | GM | .28 | .33 | .22 | .30 | .31 | .28 | .30 | .26 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.089 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5568000 Mackinaw River near Green Valley

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .07 | .00 | .10 | .01 | .03 | .06 | .03 | .06 |
| | | GM | .11 | .00 | .17 | .02 | .06 | .10 | .05 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .10 | .00 | .14 | .03 | .07 | .09 | .06 | .09 |
| | | GM | .16 | .00 | .23 | .06 | .11 | .15 | .11 | .15 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .23 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .37 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.090 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5568500 Illinois River at Kingston Mines

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .11 | .00 | .04 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .17 | .00 | .09 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .05 | .20 | .03 | .17 | .07 | .05 | .06 | .05 |
| | | GM | .12 | .26 | .09 | .23 | .14 | .12 | .13 | .11 |
| | ADULT | MIN | .05 | .30 | .02 | .23 | .06 | .05 | .06 | .04 |
| | | GM | .13 | .35 | .09 | .30 | .15 | .13 | .15 | .11 |
| 4 | JUVNL | MIN | .11 | .10 | .08 | .10 | .13 | .11 | .12 | .10 |
| | | GM | .12 | .16 | .12 | .15 | .13 | .12 | .13 | .12 |
| | ADULT | MIN | .80 | .87 | .78 | .85 | .80 | .80 | .80 | .79 |
| | | GM | .89 | .93 | .88 | .92 | .90 | .89 | .90 | .89 |
| 5 | JUVNL | MIN | .28 | .56 | .25 | .49 | .30 | .28 | .29 | .27 |
| | | GM | .53 | .75 | .50 | .70 | .55 | .53 | .54 | .52 |
| | ADULT | MIN | .41 | .70 | .37 | .64 | .42 | .41 | .42 | .39 |
| | | GM | .62 | .83 | .58 | .80 | .64 | .62 | .63 | .60 |
| 6 | JUVNL | MIN | .35 | .58 | .30 | .53 | .37 | .35 | .37 | .33 |
| | | GM | .59 | .76 | .54 | .73 | .61 | .59 | .60 | .57 |
| | ADULT | MIN | .93 | .84 | .94 | .86 | .93 | .93 | .93 | .94 |
| | | GM | .97 | .92 | .97 | .93 | .96 | .97 | .97 | .97 |
| 7 | JUVNL | MIN | .85 | .92 | .82 | .91 | .86 | .85 | .85 | .84 |
| | | GM | .92 | .96 | .91 | .95 | .92 | .92 | .92 | .91 |
| | ADULT | MIN | .91 | .95 | .90 | .94 | .92 | .91 | .91 | .91 |
| | | GM | .95 | .98 | .95 | .97 | .96 | .95 | .96 | .95 |
| 8 | JUVNL | MIN | .83 | 1.00 | .75 | 1.00 | .87 | .83 | .86 | .80 |
| | | GM | .91 | 1.00 | .87 | 1.00 | .93 | .91 | .93 | .89 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 9 | JUVNL | MIN | .00 | .05 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .21 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .23 | .44 | .20 | .38 | .24 | .23 | .23 | .21 |
| | | GM | .48 | .66 | .44 | .62 | .49 | .48 | .48 | .46 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.091 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5568800 Indian Creek near Wyoming

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .05 | .02 | .04 | .06 | .04 | .06 | .04 |
| | | GM | .09 | .08 | .10 | .09 | .08 | .08 | .08 | .08 |
| | ADULT | MIN | .11 | .15 | .09 | .13 | .16 | .14 | .15 | .13 |
| | | GM | .29 | .25 | .28 | .25 | .24 | .25 | .24 | .25 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .07 | .05 | .08 | .06 | .05 | .06 | .05 | .06 |
| | | GM | .18 | .17 | .18 | .18 | .17 | .18 | .17 | .18 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .11 | .08 | .12 | .09 | .08 | .09 | .08 | .09 |
| | | GM | .23 | .23 | .23 | .23 | .23 | .23 | .23 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.092 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5569500 Spoon River at London Mills

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .05 | .00 | .02 | .03 | .01 | .02 | .00 |
| | | GM | .06 | .12 | .00 | .10 | .12 | .09 | .10 | .06 |
| | ADULT | MIN | .06 | .01 | .15 | .04 | .02 | .04 | .03 | .06 |
| | | GM | .17 | .08 | .24 | .15 | .12 | .15 | .13 | .17 |
| 2 | JUVNL | MIN | .02 | .17 | .00 | .06 | .12 | .05 | .09 | .02 |
| | | GM | .06 | .28 | .00 | .11 | .20 | .10 | .15 | .05 |
| | ADULT | MIN | .13 | .26 | .04 | .18 | .24 | .17 | .23 | .13 |
| | | GM | .17 | .46 | .08 | .20 | .27 | .19 | .23 | .16 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .00 | .14 | .00 | .00 | .00 | .00 | .06 |
| 4 | JUVNL | MIN | .09 | .01 | .09 | .09 | .06 | .09 | .09 | .09 |
| | | GM | .11 | .03 | .16 | .10 | .07 | .10 | .09 | .11 |
| | ADULT | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .17 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .78 | .50 | .70 | .81 | .83 | .80 | .82 | .78 |
| | | GM | .88 | .66 | .84 | .88 | .83 | .88 | .86 | .88 |
| | ADULT | MIN | .03 | .00 | .07 | .02 | .01 | .02 | .02 | .03 |
| | | GM | .16 | .04 | .23 | .14 | .10 | .14 | .12 | .16 |
| 6 | JUVNL | MIN | .84 | .56 | .74 | .88 | .89 | .87 | .89 | .84 |
| | | GM | .92 | .72 | .86 | .94 | .90 | .93 | .93 | .92 |
| | ADULT | MIN | .06 | .00 | .17 | .05 | .03 | .05 | .04 | .06 |
| | | GM | .22 | .06 | .37 | .19 | .14 | .20 | .17 | .22 |
| 7 | JUVNL | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .20 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .02 | .00 | .23 | .00 | .00 | .00 | .00 | .02 |
| | | GM | .14 | .00 | .48 | .00 | .00 | .00 | .00 | .15 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .91 | .58 | .92 | .86 | .74 | .87 | .81 | .92 |
| | | GM | .93 | .75 | .96 | .91 | .85 | .91 | .88 | .93 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.093 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5570000 Spoon River at Seville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .00 | .13 | .03 | .00 | .02 | .01 | .03 |
| | | GM | .06 | .00 | .14 | .05 | .02 | .04 | .02 | .05 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .06 | .03 | .04 | .05 | .04 | .05 | .04 | .06 |
| | | GM | .11 | .17 | .06 | .12 | .18 | .14 | .19 | .12 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .13 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .10 | .00 | .12 | .07 | .00 | .04 | .00 | .07 |
| | | GM | .13 | .00 | .19 | .11 | .00 | .08 | .00 | .11 |
| | ADULT | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .18 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .25 | .17 | .34 | .24 | .19 | .22 | .20 | .24 |
| | | GM | .48 | .21 | .58 | .45 | .26 | .39 | .30 | .45 |
| | ADULT | MIN | .02 | .00 | .07 | .01 | .00 | .01 | .00 | .01 |
| | | GM | .09 | .00 | .18 | .07 | .00 | .05 | .00 | .07 |
| 6 | JUVNL | MIN | .30 | .20 | .40 | .28 | .22 | .26 | .24 | .29 |
| | | GM | .55 | .27 | .64 | .52 | .31 | .43 | .35 | .52 |
| | ADULT | MIN | .04 | .00 | .17 | .03 | .00 | .02 | .00 | .03 |
| | | GM | .20 | .00 | .40 | .17 | .00 | .12 | .00 | .17 |
| 7 | JUVNL | MIN | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .22 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .24 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .49 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .76 | .17 | .82 | .75 | .37 | .69 | .52 | .76 |
| | | GM | .80 | .34 | .90 | .76 | .51 | .71 | .61 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.094 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5571000 Sangamon River at Mahomet

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .08 | .02 | .05 | .08 | .04 | .04 | .03 |
| | | GM | .08 | .12 | .07 | .10 | .12 | .09 | .09 | .08 |
| | ADULT | MIN | .10 | .17 | .09 | .15 | .17 | .13 | .14 | .10 |
| | | GM | .26 | .28 | .26 | .27 | .28 | .27 | .26 | .26 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .06 | .07 | .06 | .06 | .06 | .06 | .06 |
| | | GM | .17 | .19 | .16 | .19 | .19 | .18 | .19 | .17 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .10 | .09 | .11 | .09 | .09 | .10 | .09 | .10 |
| | | GM | .22 | .26 | .21 | .24 | .26 | .24 | .24 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.095 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5572000 Sangamon River at Monticello

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .08 | .09 | .07 | .08 | .08 | .08 | .08 | .07 |
| | | GM | .28 | .24 | .25 | .27 | .25 | .28 | .27 | .27 |
| | ADULT | MIN | .17 | .18 | .16 | .17 | .17 | .17 | .17 | .16 |
| | | GM | .41 | .42 | .40 | .41 | .41 | .41 | .41 | .41 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .17 | .09 | .23 | .12 | .11 | .14 | .13 | .18 |
| | | GM | .34 | .26 | .39 | .29 | .28 | .31 | .30 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .23 | .14 | .30 | .18 | .16 | .21 | .19 | .24 |
| | | GM | .41 | .32 | .45 | .37 | .35 | .39 | .37 | .41 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .23 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.096 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5574500 Flat Branch near Taylorville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .02 | .00 | .00 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .02 | .00 | .00 | .01 | .00 | .02 | .01 | .01 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .20 | .60 | .05 | .16 | .36 | .33 | .60 | .17 |
| | | GM | .42 | .64 | .23 | .38 | .55 | .52 | .63 | .39 |
| | ADULT | MIN | .22 | .29 | .15 | .21 | .36 | .24 | .28 | .21 |
| | | GM | .47 | .53 | .39 | .46 | .55 | .49 | .53 | .46 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .12 | .09 | .19 | .13 | .07 | .11 | .10 | .13 |
| | | GM | .31 | .29 | .35 | .32 | .27 | .31 | .30 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .18 | .14 | .25 | .19 | .11 | .17 | .15 | .19 |
| | | GM | .40 | .36 | .40 | .40 | .34 | .39 | .37 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.097 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5575500 South Fork Sangamon River at Kincaid

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .04 | .11 | .02 | .05 | .19 | .08 | .13 | .06 |
| | | GM | .16 | .26 | .12 | .17 | .32 | .22 | .27 | .19 |
| | ADULT | MIN | .13 | .19 | .09 | .15 | .22 | .17 | .20 | .15 |
| | | GM | .36 | .43 | .30 | .38 | .46 | .41 | .44 | .39 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .09 | .11 | .10 | .09 | .10 | .09 | .10 |
| | | GM | .24 | .27 | .20 | .25 | .27 | .26 | .27 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .15 | .14 | .16 | .15 | .13 | .14 | .14 | .15 |
| | | GM | .29 | .33 | .26 | .30 | .34 | .32 | .33 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.098 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5576000 South Fork Sangamon River near Rochester

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .01 | .00 | .00 | .00 | .01 |
| 2 | JUVNL | MIN | .04 | .11 | .01 | .03 | .11 | .05 | .09 | .04 |
| | | GM | .18 | .33 | .05 | .16 | .33 | .20 | .30 | .17 |
| | ADULT | MIN | .14 | .19 | .08 | .13 | .19 | .15 | .18 | .13 |
| | | GM | .37 | .44 | .26 | .35 | .44 | .38 | .42 | .36 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .25 | .16 | .32 | .28 | .16 | .24 | .19 | .27 |
| | | GM | .38 | .35 | .38 | .38 | .35 | .38 | .37 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .33 | .22 | .39 | .36 | .22 | .31 | .25 | .35 |
| | | GM | .44 | .42 | .45 | .45 | .42 | .44 | .44 | .45 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .12 | .00 | .54 | .19 | .00 | .08 | .00 | .17 |
| | | GM | .32 | .00 | .66 | .41 | .00 | .26 | .00 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.099 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5576500 Sangamon River at Riverton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .01 | .07 | .03 | .03 | .03 | .02 | .04 |
| | | GM | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 2 | JUVNL | MIN | .02 | .05 | .00 | .02 | .03 | .02 | .03 | .02 |
| | | GM | .03 | .08 | .00 | .05 | .06 | .04 | .06 | .03 |
| | ADULT | MIN | .08 | .15 | .04 | .09 | .11 | .09 | .11 | .08 |
| | | GM | .13 | .25 | .07 | .15 | .17 | .14 | .17 | .13 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .11 | .03 | .16 | .08 | .07 | .10 | .07 | .10 |
| | | GM | .11 | .06 | .18 | .09 | .08 | .11 | .08 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .35 | .61 | .20 | .41 | .47 | .37 | .47 | .36 |
| | | GM | .57 | .64 | .45 | .61 | .63 | .58 | .63 | .58 |
| | ADULT | MIN | .02 | .01 | .03 | .02 | .01 | .02 | .01 | .02 |
| | | GM | .10 | .07 | .10 | .10 | .09 | .10 | .09 | .10 |
| 6 | JUVNL | MIN | .41 | .62 | .24 | .47 | .51 | .43 | .51 | .42 |
| | | GM | .64 | .65 | .49 | .67 | .70 | .65 | .70 | .65 |
| | ADULT | MIN | .04 | .01 | .07 | .04 | .03 | .04 | .03 | .04 |
| | | GM | .20 | .11 | .26 | .18 | .16 | .19 | .16 | .20 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .22 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .82 | .68 | .72 | .80 | .77 | .83 | .76 | .82 |
| | | GM | .83 | .78 | .82 | .82 | .81 | .83 | .81 | .83 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.100 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5578500 Salt Creek near Rowell

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .04 | .02 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .14 | .12 | .14 | .13 | .13 | .13 | .13 | .14 |
| | ADULT | MIN | .10 | .13 | .09 | .12 | .12 | .11 | .11 | .10 |
| | | GM | .32 | .33 | .31 | .33 | .33 | .33 | .33 | .31 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .08 | .12 | .09 | .08 | .09 | .09 | .11 |
| | | GM | .21 | .21 | .22 | .21 | .21 | .21 | .21 | .21 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .15 | .12 | .18 | .13 | .12 | .14 | .14 | .16 |
| | | GM | .27 | .26 | .28 | .26 | .26 | .27 | .27 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.101 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5579500 Lake Fork near Cornland

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .04 | .19 | .04 | .16 | .09 | .06 | .10 | .06 |
| | | GM | .14 | .22 | .14 | .21 | .18 | .17 | .18 | .17 |
| | ADULT | MIN | .14 | .22 | .13 | .21 | .18 | .16 | .18 | .16 |
| | | GM | .36 | .39 | .35 | .41 | .39 | .37 | .39 | .37 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .06 | .09 | .07 | .07 | .08 | .07 | .08 |
| | | GM | .22 | .23 | .22 | .23 | .23 | .23 | .23 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .10 | .13 | .11 | .11 | .12 | .11 | .12 |
| | | GM | .28 | .30 | .27 | .30 | .29 | .28 | .29 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.102 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5580000 Kickapoo Creek at Waynesville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .04 | .02 | .03 | .05 | .03 | .04 | .03 |
| | | GM | .16 | .15 | .14 | .16 | .15 | .16 | .15 | .16 |
| | ADULT | MIN | .10 | .14 | .09 | .11 | .15 | .13 | .14 | .11 |
| | | GM | .32 | .37 | .30 | .34 | .37 | .35 | .37 | .34 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .13 | .09 | .19 | .12 | .08 | .11 | .09 | .12 |
| | | GM | .24 | .23 | .27 | .24 | .22 | .24 | .23 | .24 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .19 | .13 | .25 | .18 | .12 | .16 | .14 | .18 |
| | | GM | .31 | .28 | .33 | .31 | .28 | .30 | .29 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.103 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5580500 Kickapoo Creek near Lincoln

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .03 | .08 | .02 | .04 | .04 | .03 | .04 | .03 |
| | | GM | .16 | .20 | .14 | .17 | .16 | .17 | .16 | .17 |
| | ADULT | MIN | .12 | .17 | .09 | .13 | .14 | .12 | .14 | .12 |
| | | GM | .34 | .39 | .29 | .36 | .38 | .35 | .38 | .35 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .12 | .08 | .18 | .11 | .10 | .12 | .10 | .12 |
| | | GM | .24 | .24 | .26 | .24 | .24 | .25 | .24 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .18 | .12 | .24 | .16 | .15 | .18 | .15 | .18 |
| | | GM | .31 | .30 | .32 | .31 | .30 | .31 | .30 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.104 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5581500 Sugar Creek near Hartsburg

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .07 | .01 | .03 | .03 | .03 | .03 | .02 |
| | | GM | .14 | .19 | .09 | .15 | .15 | .14 | .15 | .13 |
| | ADULT | MIN | .10 | .16 | .07 | .12 | .12 | .10 | .11 | .09 |
| | | GM | .31 | .39 | .27 | .35 | .35 | .32 | .34 | .31 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .09 | .13 | .10 | .10 | .11 | .11 | .11 |
| | | GM | .22 | .25 | .19 | .23 | .23 | .22 | .23 | .21 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .16 | .13 | .19 | .15 | .15 | .16 | .16 | .17 |
| | | GM | .28 | .30 | .26 | .29 | .29 | .28 | .29 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.105 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5582000 Salt Creek near Greenview

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .00 | .00 | .01 | .01 | .01 | .01 |
| | | GM | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .06 | .00 | .04 | .02 | .00 | .02 | .00 |
| | | GM | .00 | .23 | .00 | .20 | .12 | .04 | .13 | .04 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .02 | .00 | .04 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .08 | .00 | .13 | .00 | .00 | .05 | .00 | .05 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .24 | .07 | .20 | .14 | .11 | .15 | .11 |
| | | GM | .23 | .27 | .21 | .26 | .24 | .23 | .24 | .23 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .03 | .00 | .04 | .00 | .00 | .02 | .00 | .02 |
| 6 | JUVNL | MIN | .13 | .29 | .10 | .24 | .18 | .14 | .18 | .14 |
| | | GM | .28 | .33 | .27 | .32 | .29 | .28 | .29 | .28 |
| | ADULT | MIN | .01 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .08 | .00 | .12 | .00 | .00 | .05 | .00 | .05 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .58 | .25 | .52 | .33 | .48 | .57 | .48 | .57 |
| | | GM | .59 | .44 | .60 | .49 | .56 | .58 | .56 | .58 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.106 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5582500 Crane Creek near Easton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .06 | .03 | .04 | .03 | .03 | .04 | .05 | .05 |
| | | GM | .06 | .06 | .05 | .06 | .06 | .06 | .06 | .06 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .51 | .80 | .38 | .74 | .78 | .65 | .56 | .47 |
| | | GM | .72 | .88 | .60 | .86 | .88 | .80 | .75 | .68 |
| | ADULT | MIN | .27 | .32 | .25 | .29 | .30 | .28 | .27 | .26 |
| | | GM | .52 | .56 | .50 | .54 | .55 | .53 | .52 | .51 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .20 | .14 | .22 | .16 | .15 | .17 | .19 | .21 |
| | | GM | .42 | .36 | .43 | .38 | .37 | .40 | .41 | .43 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .26 | .20 | .29 | .22 | .21 | .24 | .25 | .28 |
| | | GM | .49 | .44 | .51 | .46 | .46 | .48 | .49 | .51 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .14 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.107 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5583000 Sangamon River near Oakford

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .00 | .01 | .01 | .01 | .02 | .01 | .02 |
| | | GM | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .03 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .04 | .00 | .02 | .02 | .01 | .02 | .01 |
| | | GM | .03 | .20 | .00 | .13 | .10 | .04 | .13 | .06 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .06 | .00 | .12 | .01 | .02 | .05 | .01 | .04 |
| | | GM | .14 | .00 | .23 | .05 | .07 | .13 | .06 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .11 | .20 | .07 | .15 | .15 | .11 | .15 | .13 |
| | | GM | .30 | .26 | .27 | .28 | .29 | .30 | .28 | .30 |
| | ADULT | MIN | .01 | .00 | .02 | .00 | .00 | .01 | .00 | .01 |
| | | GM | .05 | .00 | .07 | .02 | .03 | .05 | .03 | .04 |
| 6 | JUVNL | MIN | .15 | .24 | .11 | .19 | .18 | .15 | .18 | .16 |
| | | GM | .36 | .32 | .33 | .32 | .33 | .35 | .33 | .34 |
| | ADULT | MIN | .02 | .00 | .05 | .00 | .01 | .02 | .01 | .02 |
| | | GM | .15 | .00 | .23 | .06 | .09 | .14 | .07 | .13 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .61 | .31 | .53 | .58 | .62 | .61 | .60 | .63 |
| | | GM | .67 | .47 | .68 | .62 | .64 | .66 | .62 | .66 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.108 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5584500 La Moine River at Colmar

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .01 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .03 | .00 | .02 | .03 | .03 | .03 | .02 |
| | | GM | .13 | .18 | .03 | .12 | .18 | .16 | .18 | .15 |
| | ADULT | MIN | .09 | .11 | .06 | .09 | .12 | .10 | .11 | .09 |
| | | GM | .30 | .34 | .18 | .29 | .35 | .31 | .34 | .31 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .26 | .16 | .27 | .28 | .14 | .21 | .16 | .23 |
| | | GM | .32 | .28 | .39 | .32 | .27 | .30 | .28 | .31 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .34 | .22 | .33 | .37 | .21 | .27 | .22 | .30 |
| | | GM | .39 | .34 | .45 | .40 | .34 | .36 | .34 | .38 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .09 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .15 | .00 | .62 | .21 | .00 | .00 | .00 | .06 |
| | | GM | .36 | .00 | .70 | .42 | .00 | .00 | .00 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.109 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5585000 La Moine River at Ripley

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .01 | .02 | .02 | .01 | .01 | .01 | .02 |
| | | GM | .03 | .01 | .05 | .03 | .01 | .02 | .01 | .02 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .09 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .09 | .00 | .24 | .09 | .00 | .03 | .00 | .04 |
| | | GM | .19 | .00 | .30 | .19 | .00 | .11 | .00 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .09 | .09 | .10 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .29 | .18 | .31 | .29 | .18 | .24 | .19 | .25 |
| | ADULT | MIN | .02 | .00 | .05 | .02 | .00 | .01 | .00 | .01 |
| | | GM | .06 | .00 | .11 | .06 | .00 | .04 | .00 | .04 |
| 6 | JUVNL | MIN | .12 | .12 | .13 | .12 | .12 | .12 | .12 | .12 |
| | | GM | .34 | .23 | .36 | .34 | .23 | .28 | .24 | .29 |
| | ADULT | MIN | .04 | .00 | .13 | .04 | .00 | .01 | .00 | .02 |
| | | GM | .20 | .00 | .36 | .20 | .00 | .11 | .00 | .13 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .16 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .40 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .57 | .44 | .58 | .57 | .44 | .56 | .50 | .56 |
| | | GM | .68 | .50 | .76 | .68 | .50 | .61 | .53 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.110 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5585500 Illinois River at Meredosia

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .17 | .00 | .14 | .04 | .00 | .02 | .00 |
| | | GM | .00 | .34 | .00 | .27 | .06 | .00 | .04 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .15 | .31 | .10 | .30 | .17 | .14 | .16 | .12 |
| | | GM | .19 | .56 | .16 | .54 | .21 | .19 | .20 | .18 |
| | ADULT | MIN | .20 | .38 | .12 | .37 | .23 | .18 | .21 | .15 |
| | | GM | .27 | .62 | .21 | .60 | .29 | .25 | .28 | .23 |
| 4 | JUVNL | MIN | .18 | .10 | .17 | .11 | .17 | .19 | .18 | .19 |
| | | GM | .20 | .24 | .19 | .22 | .20 | .20 | .20 | .19 |
| | ADULT | MIN | .77 | .84 | .75 | .83 | .78 | .77 | .77 | .76 |
| | | GM | .88 | .92 | .87 | .91 | .88 | .88 | .88 | .87 |
| 5 | JUVNL | MIN | .23 | .43 | .20 | .38 | .24 | .22 | .24 | .21 |
| | | GM | .47 | .66 | .44 | .62 | .49 | .47 | .49 | .46 |
| | ADULT | MIN | .35 | .59 | .32 | .53 | .37 | .35 | .36 | .33 |
| | | GM | .59 | .73 | .56 | .72 | .60 | .59 | .60 | .57 |
| 6 | JUVNL | MIN | .27 | .48 | .23 | .44 | .29 | .26 | .28 | .25 |
| | | GM | .52 | .69 | .48 | .67 | .54 | .51 | .53 | .50 |
| | ADULT | MIN | .95 | .88 | .96 | .90 | .94 | .95 | .95 | .95 |
| | | GM | .97 | .94 | .98 | .95 | .97 | .97 | .97 | .98 |
| 7 | JUVNL | MIN | .81 | .90 | .79 | .88 | .82 | .81 | .82 | .80 |
| | | GM | .90 | .95 | .89 | .94 | .91 | .90 | .90 | .89 |
| | ADULT | MIN | .89 | .94 | .87 | .93 | .90 | .89 | .89 | .88 |
| | | GM | .94 | .97 | .93 | .96 | .95 | .94 | .95 | .94 |
| 8 | JUVNL | MIN | .99 | 1.00 | .94 | 1.00 | 1.00 | .98 | 1.00 | .96 |
| | | GM | 1.00 | 1.00 | .97 | 1.00 | 1.00 | .99 | 1.00 | .98 |
| | ADULT | MIN | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 9 | JUVNL | MIN | .00 | .42 | .00 | .32 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .60 | .00 | .52 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .19 | .33 | .17 | .29 | .19 | .18 | .19 | .17 |
| | | GM | .43 | .58 | .41 | .54 | .44 | .43 | .44 | .42 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.111 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5587000 Macoupin Creek near Kane

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .03 | .00 | .01 | .03 | .03 | .03 | .03 |
| | | GM | .09 | .08 | .00 | .08 | .08 | .08 | .08 | .09 |
| | ADULT | MIN | .08 | .12 | .04 | .07 | .13 | .10 | .12 | .10 |
| | | GM | .27 | .24 | .20 | .27 | .24 | .26 | .24 | .28 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .06 | .12 | .09 | .06 | .06 | .06 | .07 |
| | | GM | .17 | .17 | .15 | .17 | .17 | .17 | .17 | .17 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .09 | .18 | .13 | .09 | .10 | .09 | .11 |
| | | GM | .22 | .23 | .21 | .22 | .23 | .22 | .22 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.112 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5589500 Canteen Creek at Caseyville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .08 | .00 | .12 | .08 | .00 | .00 | .00 | .03 |
| | | GM | .10 | .00 | .18 | .10 | .00 | .00 | .00 | .06 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .01 | .00 | .03 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .06 | .00 | .13 | .06 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .03 | .01 | .06 | .03 | .00 | .02 | .02 | .03 |
| | | GM | .14 | .08 | .19 | .14 | .05 | .10 | .10 | .13 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.113 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5590000 Kaskaskia River at Bondville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .01 | .00 | .02 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .08 | .00 | .13 | .00 | .00 | .06 | .00 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.114 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5592000 Kaskaskia River at Shelbyville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .02 | .03 | .00 | .02 | .03 | .02 | .02 | .01 |
| | | GM | .08 | .03 | .00 | .08 | .04 | .07 | .06 | .08 |
| | ADULT | MIN | .08 | .11 | .06 | .08 | .10 | .08 | .09 | .08 |
| | | GM | .27 | .18 | .24 | .27 | .18 | .26 | .20 | .27 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .08 | .04 | .16 | .08 | .04 | .07 | .05 | .09 |
| | | GM | .16 | .13 | .20 | .16 | .13 | .16 | .14 | .17 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .12 | .07 | .22 | .12 | .07 | .11 | .09 | .13 |
| | | GM | .22 | .19 | .25 | .22 | .19 | .21 | .20 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.115 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5592500 Kaskaskia River at Vandalia

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .10 | .02 | .20 | .08 | .05 | .09 | .06 | .11 |
| | | GM | .18 | .11 | .23 | .17 | .14 | .17 | .15 | .19 |
| 2 | JUVNL | MIN | .00 | .11 | .00 | .00 | .05 | .00 | .01 | .00 |
| | | GM | .00 | .12 | .00 | .00 | .07 | .00 | .03 | .00 |
| | ADULT | MIN | .07 | .20 | .02 | .10 | .16 | .09 | .13 | .06 |
| | | GM | .10 | .24 | .04 | .13 | .17 | .12 | .15 | .09 |
| 3 | JUVNL | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .11 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .00 | .09 | .01 | .00 | .01 | .00 | .02 |
| | | GM | .10 | .00 | .19 | .08 | .00 | .08 | .05 | .10 |
| 4 | JUVNL | MIN | .09 | .06 | .10 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .14 | .07 | .20 | .13 | .10 | .13 | .12 | .15 |
| | ADULT | MIN | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .29 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .64 | .77 | .48 | .66 | .72 | .66 | .70 | .62 |
| | | GM | .80 | .80 | .69 | .81 | .83 | .81 | .83 | .79 |
| | ADULT | MIN | .05 | .01 | .10 | .04 | .02 | .04 | .03 | .05 |
| | | GM | .19 | .10 | .26 | .17 | .14 | .17 | .16 | .20 |
| 6 | JUVNL | MIN | .64 | .83 | .52 | .68 | .77 | .68 | .74 | .63 |
| | | GM | .80 | .87 | .72 | .82 | .88 | .82 | .86 | .79 |
| | ADULT | MIN | .12 | .03 | .28 | .09 | .05 | .09 | .06 | .13 |
| | | GM | .31 | .15 | .49 | .27 | .20 | .28 | .23 | .32 |
| 7 | JUVNL | MIN | .00 | .00 | .28 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .50 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .13 | .00 | .44 | .08 | .00 | .09 | .03 | .15 |
| | | GM | .37 | .00 | .66 | .29 | .00 | .30 | .17 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .91 | .75 | .87 | .91 | .87 | .91 | .92 | .90 |
| | | GM | .95 | .84 | .93 | .94 | .90 | .94 | .92 | .95 |
| | ADULT | MIN | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .14 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.116 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5593000 Kaskaskia River at Carlyle

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .12 | .02 | .00 | .01 | .00 | .01 |
| | | GM | .05 | .00 | .12 | .06 | .02 | .04 | .03 | .04 |
| 2 | JUVNL | MIN | .03 | .05 | .00 | .03 | .04 | .03 | .03 | .03 |
| | | GM | .07 | .21 | .00 | .06 | .11 | .07 | .10 | .07 |
| | ADULT | MIN | .11 | .15 | .05 | .10 | .13 | .11 | .13 | .11 |
| | | GM | .23 | .38 | .06 | .17 | .36 | .30 | .35 | .26 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .11 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .02 | .00 | .13 | .06 | .00 | .01 | .00 | .02 |
| | | GM | .05 | .00 | .19 | .08 | .00 | .03 | .00 | .04 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .47 | .20 | .30 | .43 | .30 | .48 | .32 | .47 |
| | | GM | .53 | .35 | .55 | .59 | .40 | .49 | .41 | .51 |
| | ADULT | MIN | .00 | .00 | .06 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .00 | .16 | .08 | .00 | .04 | .00 | .05 |
| 6 | JUVNL | MIN | .51 | .26 | .37 | .48 | .39 | .52 | .40 | .51 |
| | | GM | .57 | .40 | .61 | .64 | .47 | .54 | .47 | .55 |
| | ADULT | MIN | .01 | .00 | .15 | .02 | .00 | .00 | .00 | .01 |
| | | GM | .09 | .00 | .37 | .14 | .00 | .06 | .00 | .08 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .20 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .44 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .64 | .00 | .80 | .74 | .25 | .58 | .29 | .61 |
| | | GM | .74 | .00 | .89 | .79 | .47 | .71 | .50 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.117 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5594000 Shoal Creek near Breese

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .02 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .06 | .03 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .07 | .16 | .03 | .05 | .13 | .08 | .09 | .07 |
| | | GM | .24 | .37 | .06 | .12 | .35 | .28 | .31 | .24 |
| | ADULT | MIN | .16 | .21 | .10 | .15 | .20 | .17 | .18 | .16 |
| | | GM | .40 | .46 | .17 | .38 | .44 | .41 | .42 | .40 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .08 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .26 | .13 | .44 | .31 | .14 | .21 | .19 | .25 |
| | | GM | .41 | .31 | .60 | .44 | .33 | .38 | .37 | .41 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .08 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .34 | .19 | .49 | .39 | .21 | .28 | .25 | .34 |
| | | GM | .48 | .40 | .66 | .50 | .41 | .45 | .44 | .48 |
| | ADULT | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .15 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .15 | .00 | .74 | .27 | .00 | .00 | .00 | .14 |
| | | GM | .38 | .00 | .80 | .49 | .00 | .00 | .00 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.118 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5595000 Kaskaskia River at New Athens

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .03 | .11 | .00 | .03 | .05 | .02 | .04 | .01 |
| | | GM | .16 | .33 | .00 | .18 | .22 | .14 | .21 | .11 |
| | ADULT | MIN | .60 | .31 | .37 | .63 | .63 | .58 | .67 | .55 |
| | | GM | .72 | .51 | .61 | .71 | .66 | .71 | .68 | .71 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .05 | .00 | .00 | .01 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .92 | .05 | .41 | .86 | .22 | .94 | .41 | .94 |
| | | GM | .94 | .22 | .64 | .91 | .46 | .94 | .63 | .95 |
| | ADULT | MIN | .71 | .11 | .45 | .54 | .27 | .84 | .31 | .92 |
| | | GM | .82 | .34 | .67 | .71 | .50 | .88 | .55 | .93 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .23 | .19 | .30 | .23 | .21 | .23 | .22 | .24 |
| | ADULT | MIN | .19 | .11 | .75 | .18 | .16 | .20 | .17 | .21 |
| | | GM | .42 | .33 | .82 | .42 | .39 | .43 | .40 | .44 |
| 5 | JUVNL | MIN | .83 | .92 | .69 | .84 | .87 | .82 | .86 | .80 |
| | | GM | .91 | .96 | .83 | .92 | .93 | .91 | .93 | .89 |
| | ADULT | MIN | .25 | .11 | .45 | .23 | .19 | .26 | .21 | .27 |
| | | GM | .47 | .33 | .59 | .46 | .42 | .48 | .43 | .49 |
| 6 | JUVNL | MIN | .90 | .98 | .72 | .91 | .93 | .89 | .92 | .87 |
| | | GM | .95 | .99 | .85 | .95 | .97 | .94 | .96 | .93 |
| | ADULT | MIN | .64 | .31 | .82 | .60 | .49 | .66 | .52 | .71 |
| | | GM | .70 | .49 | .90 | .68 | .61 | .72 | .64 | .74 |
| 7 | JUVNL | MIN | .87 | .36 | .95 | .84 | .72 | .89 | .76 | .92 |
| | | GM | .92 | .60 | .97 | .90 | .84 | .93 | .86 | .95 |
| | ADULT | MIN | .80 | .00 | .99 | .72 | .10 | .84 | .31 | .90 |
| | | GM | .89 | .00 | 1.00 | .85 | .32 | .92 | .56 | .95 |
| 8 | JUVNL | MIN | .82 | .50 | 1.00 | .80 | .73 | .84 | .75 | .86 |
| | | GM | .91 | .71 | 1.00 | .89 | .85 | .92 | .86 | .93 |
| | ADULT | MIN | .07 | .00 | .52 | .03 | .00 | .09 | .00 | .13 |
| | | GM | .26 | .00 | .72 | .19 | .00 | .31 | .00 | .37 |
| 9 | JUVNL | MIN | .96 | .99 | .92 | .96 | .97 | .96 | .97 | .95 |
| | | GM | .98 | .99 | .92 | .98 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .72 | .08 | .68 | .66 | .37 | .76 | .46 | .81 |
| | | GM | .79 | .27 | .82 | .76 | .58 | .81 | .64 | .82 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.119 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5596000 Big Muddy River near Benton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .04 | .03 | .01 | .03 | .00 | .08 | .05 | .05 |
| | | GM | .10 | .05 | .10 | .13 | .00 | .08 | .07 | .10 |
| | ADULT | MIN | .14 | .18 | .07 | .10 | .20 | .17 | .17 | .15 |
| | | GM | .31 | .23 | .27 | .32 | .21 | .25 | .24 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .06 | .04 | .17 | .10 | .03 | .04 | .04 | .06 |
| | | GM | .19 | .16 | .22 | .21 | .14 | .17 | .17 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .10 | .07 | .23 | .14 | .06 | .08 | .07 | .10 |
| | | GM | .25 | .23 | .29 | .26 | .22 | .24 | .23 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.120 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5597000 Big Muddy River at Plumfield

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .02 |
| | | GM | .02 | .00 | .00 | .01 | .00 | .01 | .01 | .02 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .04 | .02 | .00 | .00 | .02 | .03 | .03 | .05 |
| | | GM | .05 | .05 | .00 | .02 | .05 | .05 | .05 | .05 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.121 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5599000 Beaucoup Creek near Matthews

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .05 | .01 | .03 | .06 | .00 | .01 | .00 | .03 |
| | | GM | .08 | .05 | .07 | .08 | .00 | .04 | .00 | .07 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .82 | .73 | .29 | .78 | .28 | .70 | .60 | .85 |
| | | GM | .90 | .82 | .31 | .88 | .52 | .80 | .75 | .92 |
| | ADULT | MIN | .33 | .55 | .24 | .30 | .80 | .60 | .70 | .36 |
| | | GM | .57 | .74 | .49 | .55 | .83 | .77 | .83 | .60 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .18 | .11 | .32 | .20 | .07 | .10 | .09 | .15 |
| | | GM | .41 | .32 | .52 | .43 | .26 | .32 | .30 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .24 | .16 | .40 | .26 | .11 | .15 | .14 | .21 |
| | | GM | .49 | .40 | .60 | .51 | .33 | .39 | .37 | .46 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .29 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .53 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.122 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5599500 Big Muddy River at Murphysboro

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .01 |
| 2 | JUVNL | MIN | .00 | .03 | .00 | .00 | .02 | .00 | .01 | .00 |
| | | GM | .00 | .17 | .00 | .00 | .13 | .05 | .07 | .00 |
| | ADULT | MIN | .05 | .10 | .00 | .04 | .09 | .06 | .07 | .03 |
| | | GM | .23 | .32 | .00 | .19 | .29 | .25 | .26 | .18 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .23 | .17 | .04 | .19 | .21 | .24 | .23 | .18 |
| | | GM | .24 | .28 | .13 | .23 | .27 | .25 | .25 | .23 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .27 | .24 | .08 | .22 | .27 | .31 | .30 | .21 |
| | | GM | .30 | .34 | .20 | .28 | .34 | .31 | .32 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .12 | .00 | .48 | .19 | .00 | .08 | .06 | .21 |
| | | GM | .29 | .00 | .48 | .37 | .00 | .24 | .21 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.123 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5600000 Big Creek near Wetaug

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .06 | .03 | .00 | .00 | .00 | .01 |
| | | GM | .00 | .00 | .08 | .07 | .00 | .00 | .00 | .05 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .63 | .23 | .51 | .85 | .23 | .50 | .50 | .73 |
| | | GM | .76 | .47 | .68 | .91 | .47 | .68 | .68 | .81 |
| | ADULT | MIN | .55 | .59 | .27 | .36 | .59 | .70 | .70 | .50 |
| | | GM | .74 | .71 | .52 | .60 | .71 | .80 | .80 | .70 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .10 | .06 | .25 | .14 | .06 | .08 | .08 | .11 |
| | | GM | .31 | .25 | .47 | .36 | .25 | .29 | .29 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .14 | .10 | .33 | .20 | .10 | .12 | .12 | .16 |
| | | GM | .37 | .31 | .55 | .45 | .31 | .35 | .35 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .00 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .34 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8

For the low-flow conditions, as represented by minimum low-flow releases, Q1 through Q8 (Q1 through Q8 correspond to criteria C1 through C8), the average flow depth in pools ($d_f$) is obtained from:

$$d_f = d_r + 0.75 \log A$$

in which $d_r$ denotes the average flow depth at the riffle and A is the drainage area in square miles. The fish suitability indexes or preferences are given for juvenile and adult populations for each of the 9 fish identified in the table and 8 low-flow releases. The indexes are given as MIN and GM. The MIN denotes the minimum of the two preferences (one derived for velocity and the other for depth) and the GM is the geometric mean of the two preferences.

TABLE 8.001 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3336900 Salt Fork near St. Joseph

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .65 | .91 | .53 | .84 | .70 | .66 | .68 | .61 |
| | | GM | .81 | .95 | .73 | .92 | .84 | .81 | .82 | .78 |
| | ADULT | MIN | .22 | .20 | .23 | .21 | .21 | .22 | .22 | .22 |
| | | GM | .47 | .45 | .48 | .45 | .46 | .47 | .47 | .47 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .03 | .02 | .03 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .16 | .14 | .16 | .15 | .15 | .15 | .14 |
| 3 | JUVNL | MIN | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .13 | .16 | .14 | .14 | .15 | .15 | .15 |
| | ADULT | MIN | .08 | .07 | .08 | .07 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .27 | .29 | .27 | .28 | .28 | .28 | .28 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .08 | .08 | .08 | .08 |
| | | GM | .17 | .16 | .17 | .16 | .17 | .17 | .17 | .17 |
| | ADULT | MIN | .08 | .07 | .09 | .08 | .08 | .08 | .08 | .09 |
| | | GM | .29 | .27 | .30 | .28 | .28 | .29 | .29 | .29 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .09 | .09 | .10 | .09 | .09 | .09 | .09 | .10 |
| | | GM | .31 | .30 | .31 | .30 | .31 | .31 | .31 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .24 | .22 | .25 | .23 | .24 | .24 | .24 | .25 |
| | | GM | .42 | .41 | .43 | .41 | .42 | .42 | .42 | .43 |
| 7 | JUVNL | MIN | .20 | .17 | .21 | .18 | .19 | .20 | .20 | .21 |
| | | GM | .45 | .41 | .46 | .42 | .44 | .45 | .45 | .45 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .38 | .35 | .39 | .36 | .37 | .38 | .38 | .38 |
| | | GM | .61 | .59 | .62 | .60 | .61 | .61 | .61 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .03 | .02 | .03 | .02 | .03 | .03 | .03 | .03 |
| | | GM | .17 | .13 | .18 | .15 | .16 | .17 | .17 | .18 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.002 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3337000 Boneyard Creek at Urbana

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .23 | .20 | .19 | .22 | .21 | .22 | .21 | .22 |
| | | GM | .27 | .39 | .22 | .36 | .36 | .34 | .36 | .35 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .07 | .08 | .08 | .07 | .08 | .07 | .08 |
| 2 | JUVNL | MIN | .21 | .24 | .19 | .23 | .23 | .23 | .23 | .23 |
| | | GM | .44 | .49 | .41 | .47 | .48 | .47 | .48 | .47 |
| | ADULT | MIN | .66 | .93 | .39 | .88 | .89 | .86 | .89 | .87 |
| | | GM | .77 | .93 | .59 | .90 | .91 | .89 | .91 | .90 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .40 | .36 | .43 | .38 | .37 | .38 | .37 | .38 |
| | | GM | .63 | .60 | .64 | .61 | .61 | .61 | .61 | .61 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .48 | .45 | .50 | .47 | .46 | .47 | .46 | .47 |
| | | GM | .69 | .67 | .71 | .68 | .68 | .68 | .68 | .68 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .48 | .40 | .51 | .44 | .42 | .44 | .42 | .44 |
| | | GM | .69 | .63 | .72 | .66 | .65 | .66 | .65 | .66 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.003 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3337500 West Branch Salt Fork at Urbana

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .93 | .99 | .85 | .98 | .97 | .96 | .96 | .95 |
| | | GM | .97 | 1.00 | .92 | .99 | .98 | .98 | .98 | .97 |
| | ADULT | MIN | .15 | .12 | .17 | .13 | .14 | .15 | .14 | .15 |
| | | GM | .39 | .35 | .41 | .36 | .37 | .38 | .38 | .39 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .05 | .04 | .05 | .04 | .04 | .04 | .04 |
| | | GM | .20 | .22 | .19 | .21 | .21 | .20 | .20 | .20 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .03 | .05 | .03 | .03 | .04 | .04 | .04 |
| | | GM | .21 | .17 | .22 | .18 | .18 | .20 | .19 | .20 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .15 | .13 | .15 | .14 | .14 | .14 | .14 | .15 |
| | ADULT | MIN | .03 | .00 | .05 | .00 | .01 | .03 | .02 | .03 |
| | | GM | .18 | .00 | .22 | .04 | .10 | .16 | .13 | .17 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .07 | .06 | .08 | .06 | .06 | .07 | .07 | .07 |
| | | GM | .26 | .24 | .27 | .25 | .25 | .26 | .26 | .26 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .17 | .14 | .18 | .15 | .15 | .16 | .16 | .17 |
| | | GM | .35 | .32 | .37 | .33 | .34 | .35 | .34 | .35 |
| 7 | JUVNL | MIN | .04 | .00 | .08 | .00 | .00 | .03 | .02 | .04 |
| | | GM | .21 | .00 | .28 | .00 | .05 | .17 | .13 | .19 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .23 | .17 | .26 | .19 | .20 | .22 | .21 | .23 |
| | | GM | .48 | .42 | .51 | .44 | .45 | .47 | .46 | .48 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.004 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3338500 Vermilion River near Catlin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .64 | .87 | .59 | .86 | .76 | .69 | .71 | .64 |
| | | GM | .80 | .93 | .77 | .93 | .87 | .83 | .84 | .80 |
| | ADULT | MIN | .93 | .88 | .94 | .88 | .91 | .92 | .92 | .93 |
| | | GM | .96 | .94 | .97 | .94 | .95 | .96 | .96 | .97 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .96 | .94 | .97 | .94 | .95 | .96 | .96 | .97 |
| | | GM | .98 | .97 | .98 | .97 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .95 | .83 | .96 | .85 | .92 | .93 | .93 | .95 |
| | | GM | .97 | .91 | .98 | .92 | .96 | .97 | .97 | .98 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .22 | .21 | .22 | .22 | .22 | .22 |
| | ADULT | MIN | .22 | .20 | .22 | .20 | .21 | .21 | .21 | .22 |
| | | GM | .46 | .44 | .47 | .44 | .45 | .46 | .46 | .47 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .28 | .26 | .28 | .26 | .27 | .27 | .27 | .28 |
| | | GM | .53 | .51 | .53 | .51 | .52 | .52 | .52 | .53 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .71 | .66 | .72 | .67 | .69 | .70 | .70 | .72 |
| | | GM | .73 | .70 | .73 | .70 | .71 | .72 | .72 | .73 |
| 7 | JUVNL | MIN | .93 | .89 | .93 | .89 | .91 | .92 | .92 | .93 |
| | | GM | .96 | .94 | .97 | .95 | .95 | .96 | .96 | .96 |
| | ADULT | MIN | .91 | .84 | .92 | .84 | .88 | .89 | .89 | .91 |
| | | GM | .95 | .91 | .96 | .92 | .94 | .95 | .95 | .96 |
| 8 | JUVNL | MIN | .87 | .84 | .87 | .84 | .86 | .86 | .86 | .87 |
| | | GM | .93 | .92 | .93 | .92 | .93 | .93 | .93 | .93 |
| | ADULT | MIN | .14 | .09 | .15 | .10 | .12 | .13 | .13 | .14 |
| | | GM | .37 | .31 | .39 | .31 | .34 | .36 | .36 | .38 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .82 | .76 | .83 | .76 | .79 | .81 | .81 | .82 |
| | | GM | .90 | .87 | .91 | .87 | .89 | .90 | .90 | .91 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.005 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3339000 Vermilion River near Danville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .76 | .92 | .62 | .90 | .88 | .82 | .86 | .71 |
| | | GM | .80 | .95 | .71 | .93 | .91 | .84 | .87 | .77 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .08 |
| | | GM | .26 | .24 | .27 | .25 | .25 | .26 | .26 | .27 |
| | ADULT | MIN | .69 | .48 | .74 | .54 | .58 | .65 | .63 | .71 |
| | | GM | .83 | .69 | .86 | .74 | .76 | .81 | .80 | .84 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | 1.00 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .42 | .38 | .44 | .39 | .40 | .41 | .41 | .43 |
| | | GM | .65 | .61 | .66 | .62 | .63 | .64 | .64 | .65 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .74 | .74 | .74 | .74 | .74 | .74 | .74 | .74 |
| | | GM | .86 | .83 | .86 | .84 | .85 | .85 | .85 | .86 |
| 7 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .99 | .96 | 1.00 | .97 | .98 | .99 | .98 | .99 |
| | | GM | .99 | .98 | 1.00 | .99 | .99 | .99 | .99 | 1.00 |
| | ADULT | MIN | .48 | .37 | .51 | .40 | .42 | .46 | .45 | .49 |
| | | GM | .69 | .61 | .72 | .63 | .65 | .68 | .67 | .70 |
| 9 | JUVNL | MIN | .95 | .99 | .93 | .98 | .97 | .96 | .96 | .94 |
| | | GM | .97 | .99 | .96 | .99 | .99 | .98 | .98 | .97 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.006 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3343400 Embarras River near Camargo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .96 | .99 | .64 | .87 | 1.00 | .97 | .98 | .87 |
| | | GM | .98 | .99 | .80 | .93 | 1.00 | .98 | .99 | .93 |
| | ADULT | MIN | .19 | .16 | .31 | .22 | .15 | .18 | .17 | .22 |
| | | GM | .44 | .40 | .55 | .46 | .39 | .43 | .41 | .46 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .04 | .01 | .02 | .04 | .03 | .04 | .02 |
| | | GM | .17 | .19 | .09 | .15 | .20 | .18 | .18 | .15 |
| 3 | JUVNL | MIN | .01 | .00 | .05 | .02 | .00 | .01 | .01 | .02 |
| | | GM | .11 | .03 | .22 | .15 | .00 | .10 | .07 | .15 |
| | ADULT | MIN | .06 | .05 | .11 | .08 | .04 | .06 | .05 | .08 |
| | | GM | .25 | .22 | .34 | .28 | .20 | .24 | .23 | .28 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .16 | .15 | .18 | .16 | .14 | .15 | .15 | .16 |
| | ADULT | MIN | .06 | .04 | .11 | .08 | .03 | .06 | .05 | .08 |
| | | GM | .25 | .21 | .33 | .29 | .17 | .24 | .22 | .29 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .11 | .09 | .07 | .08 | .08 | .09 |
| | | GM | .29 | .27 | .34 | .31 | .26 | .29 | .28 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .21 | .18 | .31 | .24 | .17 | .20 | .19 | .24 |
| | | GM | .39 | .36 | .48 | .42 | .35 | .38 | .37 | .42 |
| 7 | JUVNL | MIN | .14 | .06 | .36 | .20 | .04 | .12 | .09 | .20 |
| | | GM | .37 | .25 | .60 | .44 | .19 | .34 | .30 | .44 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .32 | .25 | .50 | .38 | .23 | .30 | .27 | .38 |
| | | GM | .56 | .50 | .71 | .61 | .48 | .55 | .52 | .61 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .01 | .00 | .08 | .03 | .00 | .00 | .00 | .03 |
| | | GM | .07 | .00 | .28 | .17 | .00 | .00 | .00 | .17 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.007 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3345500 Embarras River at Ste. Marie

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .23 | .45 | .13 | .29 | .31 | .26 | .31 | .22 |
| | | GM | .48 | .67 | .36 | .54 | .56 | .51 | .55 | .47 |
| | ADULT | MIN | .91 | .80 | .89 | .86 | .85 | .89 | .86 | .92 |
| | | GM | .94 | .90 | .93 | .93 | .92 | .94 | .92 | .94 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .95 | .84 | .98 | .93 | .92 | .94 | .92 | .96 |
| | | GM | .98 | .92 | .99 | .96 | .96 | .97 | .96 | .98 |
| | ADULT | MIN | .92 | .49 | .98 | .76 | .70 | .89 | .72 | .93 |
| | | GM | .96 | .70 | .98 | .87 | .84 | .94 | .85 | .96 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .23 | .22 | .22 | .22 | .22 | .22 |
| | ADULT | MIN | .21 | .18 | .24 | .19 | .19 | .20 | .19 | .21 |
| | | GM | .45 | .42 | .49 | .44 | .44 | .45 | .44 | .46 |
| 5 | JUVNL | MIN | .96 | .98 | .94 | .97 | .97 | .97 | .97 | .96 |
| | | GM | .98 | .99 | .97 | .99 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .27 | .23 | .30 | .25 | .25 | .26 | .25 | .27 |
| | | GM | .51 | .48 | .53 | .50 | .50 | .51 | .50 | .52 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .69 | .59 | .75 | .65 | .63 | .68 | .64 | .70 |
| | | GM | .72 | .66 | .77 | .70 | .69 | .71 | .69 | .72 |
| 7 | JUVNL | MIN | .91 | .83 | .97 | .88 | .87 | .90 | .87 | .92 |
| | | GM | .95 | .91 | .98 | .94 | .93 | .95 | .94 | .96 |
| | ADULT | MIN | .88 | .68 | .97 | .81 | .79 | .86 | .80 | .89 |
| | | GM | .94 | .83 | .98 | .90 | .89 | .93 | .89 | .94 |
| 8 | JUVNL | MIN | .86 | .79 | .90 | .83 | .82 | .85 | .82 | .86 |
| | | GM | .93 | .89 | .95 | .91 | .91 | .92 | .91 | .93 |
| | ADULT | MIN | .12 | .02 | .20 | .08 | .07 | .11 | .07 | .13 |
| | | GM | .34 | .15 | .44 | .28 | .26 | .33 | .27 | .36 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .79 | .64 | .88 | .73 | .71 | .78 | .72 | .80 |
| | | GM | .89 | .80 | .93 | .86 | .84 | .88 | .85 | .90 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.008 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3346000 North Fork Embarras River near Oblong

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .96 | .99 | .79 | .95 | .99 | .97 | .98 | .96 |
| | | GM | .98 | .99 | .89 | .98 | 1.00 | .99 | .99 | .98 |
| | ADULT | MIN | .32 | .27 | .42 | .34 | .26 | .30 | .28 | .33 |
| | | GM | .57 | .52 | .65 | .58 | .51 | .55 | .53 | .57 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .01 |
| | | GM | .09 | .12 | .07 | .09 | .13 | .10 | .11 | .09 |
| 3 | JUVNL | MIN | .05 | .04 | .10 | .06 | .03 | .05 | .04 | .05 |
| | | GM | .23 | .19 | .31 | .24 | .19 | .22 | .20 | .23 |
| | ADULT | MIN | .12 | .10 | .17 | .13 | .09 | .11 | .10 | .12 |
| | | GM | .35 | .31 | .41 | .36 | .31 | .33 | .32 | .35 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .18 | .17 | .19 | .18 | .17 | .18 | .17 | .18 |
| | ADULT | MIN | .11 | .10 | .13 | .12 | .10 | .11 | .11 | .11 |
| | | GM | .34 | .32 | .36 | .34 | .32 | .33 | .33 | .34 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .11 | .15 | .12 | .10 | .11 | .11 | .12 |
| | | GM | .34 | .33 | .38 | .35 | .32 | .34 | .33 | .34 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .32 | .28 | .39 | .33 | .28 | .31 | .29 | .33 |
| | | GM | .49 | .46 | .53 | .50 | .45 | .48 | .46 | .49 |
| 7 | JUVNL | MIN | .38 | .29 | .53 | .41 | .27 | .35 | .32 | .39 |
| | | GM | .62 | .54 | .73 | .64 | .52 | .59 | .56 | .63 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .52 | .45 | .61 | .54 | .44 | .49 | .47 | .53 |
| | | GM | .72 | .67 | .78 | .73 | .66 | .70 | .68 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .06 | .16 | .09 | .05 | .07 | .06 | .09 |
| | | GM | .29 | .24 | .40 | .30 | .23 | .27 | .25 | .29 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.009 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3379500 Little Wabash River below Clay City

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .45 | .79 | .12 | .34 | .86 | .67 | .72 | .47 |
| | | GM | .67 | .89 | .35 | .58 | .93 | .82 | .85 | .69 |
| | ADULT | MIN | .80 | .65 | .88 | .83 | .62 | .70 | .68 | .79 |
| | | GM | .89 | .81 | .92 | .91 | .79 | .84 | .82 | .89 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .02 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .84 | .25 | .98 | .90 | .21 | .47 | .38 | .81 |
| | | GM | .92 | .50 | .98 | .95 | .46 | .68 | .61 | .90 |
| | ADULT | MIN | .48 | .28 | .97 | .63 | .26 | .33 | .31 | .47 |
| | | GM | .69 | .53 | .98 | .79 | .51 | .57 | .55 | .68 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .21 | .20 | .23 | .22 | .20 | .20 | .20 | .21 |
| | ADULT | MIN | .18 | .16 | .23 | .19 | .16 | .17 | .17 | .18 |
| | | GM | .42 | .40 | .48 | .43 | .40 | .41 | .41 | .42 |
| 5 | JUVNL | MIN | .98 | .99 | .93 | .98 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .97 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .23 | .20 | .29 | .24 | .19 | .21 | .20 | .23 |
| | | GM | .48 | .44 | .53 | .49 | .44 | .46 | .45 | .48 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .59 | .50 | .75 | .62 | .49 | .53 | .52 | .58 |
| | | GM | .66 | .61 | .75 | .68 | .60 | .63 | .62 | .66 |
| 7 | JUVNL | MIN | .82 | .73 | .95 | .86 | .71 | .77 | .75 | .82 |
| | | GM | .91 | .86 | .97 | .93 | .85 | .88 | .87 | .90 |
| | ADULT | MIN | .67 | .15 | .95 | .77 | .09 | .38 | .28 | .66 |
| | | GM | .82 | .39 | .97 | .88 | .29 | .61 | .53 | .81 |
| 8 | JUVNL | MIN | .79 | .73 | .88 | .81 | .72 | .75 | .75 | .79 |
| | | GM | .89 | .86 | .94 | .90 | .85 | .87 | .86 | .89 |
| | ADULT | MIN | .02 | .00 | .17 | .05 | .00 | .00 | .00 | .02 |
| | | GM | .15 | .00 | .42 | .23 | .00 | .00 | .00 | .13 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .64 | .40 | .85 | .69 | .36 | .49 | .45 | .63 |
| | | GM | .80 | .63 | .91 | .83 | .60 | .70 | .67 | .79 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.010 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3380500 Skillet Fork at Wayne City

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .99 | 1.00 | .61 | .92 | 1.00 | 1.00 | 1.00 | .98 |
| | | GM | .99 | 1.00 | .78 | .96 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .32 | .29 | .41 | .36 | .28 | .30 | .30 | .33 |
| | | GM | .56 | .54 | .64 | .60 | .53 | .55 | .55 | .57 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .10 | .11 | .07 | .09 | .11 | .10 | .10 | .09 |
| 3 | JUVNL | MIN | .05 | .04 | .09 | .06 | .04 | .05 | .05 | .05 |
| | | GM | .23 | .21 | .30 | .25 | .20 | .22 | .22 | .23 |
| | ADULT | MIN | .12 | .10 | .16 | .14 | .10 | .11 | .11 | .12 |
| | | GM | .35 | .32 | .40 | .37 | .32 | .33 | .33 | .35 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .18 | .17 | .19 | .18 | .17 | .17 | .17 | .18 |
| | ADULT | MIN | .11 | .11 | .13 | .12 | .11 | .11 | .11 | .11 |
| | | GM | .34 | .33 | .36 | .35 | .33 | .33 | .33 | .34 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .11 | .15 | .13 | .11 | .11 | .11 | .12 |
| | | GM | .34 | .33 | .38 | .36 | .33 | .34 | .34 | .34 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .32 | .30 | .38 | .35 | .29 | .31 | .31 | .33 |
| | | GM | .48 | .47 | .53 | .51 | .46 | .48 | .48 | .49 |
| 7 | JUVNL | MIN | .38 | .33 | .53 | .44 | .32 | .35 | .35 | .39 |
| | | GM | .61 | .57 | .72 | .67 | .56 | .59 | .59 | .63 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .52 | .48 | .61 | .56 | .47 | .50 | .50 | .53 |
| | | GM | .72 | .69 | .78 | .75 | .69 | .70 | .70 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .15 | .10 | .06 | .07 | .07 | .09 |
| | | GM | .29 | .26 | .39 | .32 | .25 | .27 | .27 | .30 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.011 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3381500 Little Wabash River at Carmi

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .21 | .53 | .06 | .24 | .69 | .48 | .56 | .30 |
| | | GM | .45 | .73 | .23 | .47 | .83 | .69 | .75 | .54 |
| | ADULT | MIN | .96 | .99 | .72 | .97 | .98 | 1.00 | .99 | 1.00 |
| | | GM | .98 | 1.00 | .85 | .99 | .99 | 1.00 | .99 | 1.00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | .99 | .97 | 1.00 | .98 | .99 | .98 | 1.00 |
| | | GM | 1.00 | .99 | .99 | 1.00 | .99 | .99 | .99 | 1.00 |
| | ADULT | MIN | 1.00 | .99 | .96 | 1.00 | .98 | .99 | .98 | 1.00 |
| | | GM | 1.00 | .99 | .98 | 1.00 | .99 | .99 | .99 | 1.00 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .24 | .23 | .27 | .24 | .22 | .23 | .23 | .24 |
| | ADULT | MIN | .35 | .26 | .56 | .34 | .24 | .27 | .25 | .29 |
| | | GM | .59 | .51 | .73 | .58 | .49 | .52 | .50 | .54 |
| 5 | JUVNL | MIN | .96 | .99 | .88 | .96 | .99 | .98 | .99 | .97 |
| | | GM | .98 | .99 | .94 | .98 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .35 | .31 | .39 | .35 | .30 | .32 | .31 | .33 |
| | | GM | .59 | .56 | .60 | .58 | .55 | .56 | .55 | .58 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .94 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .75 | .74 | .77 | .75 | .74 | .74 | .74 | .75 |
| | | GM | .82 | .78 | .86 | .82 | .76 | .78 | .77 | .80 |
| 7 | JUVNL | MIN | 1.00 | .98 | .98 | 1.00 | .96 | .98 | .97 | 1.00 |
| | | GM | 1.00 | .99 | .99 | 1.00 | .98 | .99 | .99 | 1.00 |
| | ADULT | MIN | 1.00 | .98 | 1.00 | 1.00 | .96 | .99 | .98 | 1.00 |
| | | GM | 1.00 | .99 | 1.00 | 1.00 | .98 | .99 | .99 | 1.00 |
| 8 | JUVNL | MIN | .95 | .91 | .97 | .95 | .89 | .91 | .91 | .94 |
| | | GM | .97 | .95 | .99 | .97 | .95 | .96 | .95 | .97 |
| | ADULT | MIN | .30 | .22 | .41 | .30 | .19 | .23 | .21 | .27 |
| | | GM | .55 | .47 | .64 | .55 | .44 | .48 | .46 | .52 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .97 | .91 | .92 | .97 | .88 | .92 | .90 | .95 |
| | | GM | .99 | .95 | .96 | .98 | .94 | .96 | .95 | .98 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.012 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3612000 Cache River at Forman

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .93 | .99 | .30 | .66 | 1.00 | .99 | .98 | .90 |
| | | GM | .97 | .99 | .54 | .81 | 1.00 | .99 | .99 | .95 |
| | ADULT | MIN | .28 | .23 | .44 | .34 | .20 | .23 | .25 | .29 |
| | | GM | .53 | .48 | .66 | .59 | .45 | .48 | .50 | .54 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .02 | .00 | .01 | .03 | .02 | .02 | .01 |
| | | GM | .11 | .14 | .05 | .09 | .16 | .14 | .13 | .11 |
| 3 | JUVNL | MIN | .04 | .03 | .11 | .06 | .02 | .03 | .03 | .04 |
| | | GM | .20 | .16 | .32 | .24 | .13 | .16 | .18 | .21 |
| | ADULT | MIN | .10 | .08 | .18 | .13 | .07 | .08 | .09 | .10 |
| | | GM | .32 | .29 | .42 | .36 | .27 | .29 | .30 | .32 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .08 | .07 | .07 | .07 | .07 |
| | | GM | .17 | .17 | .20 | .18 | .16 | .17 | .17 | .18 |
| | ADULT | MIN | .11 | .09 | .14 | .12 | .08 | .09 | .10 | .11 |
| | | GM | .32 | .30 | .37 | .34 | .28 | .30 | .31 | .33 |
| 5 | JUVNL | MIN | .99 | 1.00 | .97 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .11 | .10 | .15 | .12 | .09 | .10 | .10 | .11 |
| | | GM | .33 | .31 | .39 | .35 | .30 | .31 | .32 | .33 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .29 | .25 | .40 | .34 | .23 | .25 | .27 | .30 |
| | | GM | .46 | .43 | .55 | .50 | .41 | .43 | .44 | .47 |
| 7 | JUVNL | MIN | .31 | .23 | .56 | .42 | .18 | .23 | .25 | .33 |
| | | GM | .56 | .48 | .75 | .65 | .42 | .48 | .50 | .57 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .46 | .40 | .63 | .55 | .36 | .40 | .42 | .48 |
| | | GM | .68 | .63 | .79 | .74 | .60 | .63 | .65 | .69 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .06 | .04 | .18 | .10 | .02 | .04 | .05 | .07 |
| | | GM | .25 | .19 | .42 | .31 | .14 | .19 | .21 | .26 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.013 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5415500 E. F. Galena River at Council Hill

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .23 | .42 | .17 | .32 | .31 | .28 | .30 | .27 |
| | | GM | .46 | .61 | .40 | .54 | .53 | .51 | .53 | .50 |
| | ADULT | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .27 | .26 | .26 | .27 | .27 | .27 | .27 | .27 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .11 | .11 | .11 | .11 | .11 | .11 | .11 | .11 |
| | | GM | .22 | .31 | .20 | .28 | .27 | .24 | .26 | .24 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .10 | .09 | .10 | .10 | .10 | .10 | .10 | .10 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .12 | .11 | .12 | .12 | .12 | .12 | .12 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .96 | .98 | .95 | .97 | .97 | .97 | .97 | .97 |
| | | GM | .98 | .99 | .98 | .99 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .04 | .03 | .04 | .03 | .03 | .04 | .03 | .04 |
| | | GM | .19 | .19 | .19 | .19 | .19 | .19 | .19 | .19 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .24 | .23 | .25 | .24 | .24 | .24 | .24 | .24 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .06 | .05 | .07 | .06 | .06 | .06 | .06 | .06 |
| | | GM | .25 | .23 | .26 | .24 | .24 | .25 | .24 | .25 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .95 | .95 | .96 | .95 | .95 | .95 | .95 | .95 |
| | | GM | .98 | .97 | .98 | .97 | .97 | .98 | .97 | .98 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.014 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5419000 Apple River near Hanover

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .07 | .27 | .04 | .19 | .13 | .11 | .12 | .10 |
| | | GM | .25 | .52 | .17 | .43 | .35 | .31 | .34 | .30 |
| | ADULT | MIN | .77 | .98 | .65 | .94 | .89 | .85 | .88 | .85 |
| | | GM | .88 | .98 | .81 | .97 | .94 | .92 | .94 | .92 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .98 | .98 | .96 | 1.00 | .99 | .99 | .99 | .99 |
| | | GM | .99 | .99 | .98 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .97 | .98 | .94 | 1.00 | .99 | .98 | .99 | .98 |
| | | GM | .99 | .99 | .97 | 1.00 | .99 | .99 | .99 | .99 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .23 | .29 | .24 | .25 | .26 | .25 | .26 |
| | ADULT | MIN | .71 | .24 | .85 | .29 | .43 | .54 | .45 | .56 |
| | | GM | .83 | .49 | .89 | .54 | .65 | .73 | .67 | .74 |
| 5 | JUVNL | MIN | .90 | .97 | .85 | .96 | .94 | .92 | .93 | .92 |
| | | GM | .95 | .98 | .92 | .98 | .97 | .96 | .97 | .96 |
| | ADULT | MIN | .43 | .30 | .49 | .33 | .37 | .39 | .37 | .39 |
| | | GM | .63 | .54 | .66 | .57 | .59 | .61 | .59 | .61 |
| 6 | JUVNL | MIN | .96 | 1.00 | .91 | 1.00 | .99 | .98 | .99 | .98 |
| | | GM | .98 | 1.00 | .96 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .76 | .75 | .77 | .75 | .75 | .76 | .76 | .76 |
| | | GM | .87 | .76 | .88 | .80 | .84 | .85 | .84 | .86 |
| 7 | JUVNL | MIN | .99 | .96 | .98 | 1.00 | .99 | .99 | .99 | .99 |
| | | GM | .99 | .98 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .99 | .89 | 1.00 | .93 | .96 | .97 | .96 | .98 |
| | | GM | 1.00 | .95 | 1.00 | .97 | .98 | .99 | .98 | .99 |
| | ADULT | MIN | .49 | .19 | .61 | .26 | .35 | .40 | .36 | .41 |
| | | GM | .70 | .44 | .78 | .51 | .59 | .63 | .60 | .64 |
| 9 | JUVNL | MIN | .94 | 1.00 | .87 | 1.00 | .99 | .98 | .99 | .97 |
| | | GM | .96 | 1.00 | .91 | 1.00 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .94 | .87 | .89 | .95 | .98 | .97 | .98 | .97 |
| | | GM | .97 | .94 | .94 | .97 | .99 | .98 | .99 | .98 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.015 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5420000 Plum River below Carroll Ck. near Savanna

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .28 | .74 | .14 | .53 | .61 | .46 | .53 | .43 |
| | | GM | .53 | .86 | .37 | .73 | .78 | .68 | .73 | .65 |
| | ADULT | MIN | .54 | .47 | .57 | .50 | .49 | .50 | .50 | .51 |
| | | GM | .73 | .69 | .72 | .70 | .70 | .71 | .70 | .72 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .06 | .02 | .06 | .06 | .05 | .06 | .05 |
| 3 | JUVNL | MIN | .16 | .12 | .18 | .13 | .13 | .14 | .13 | .14 |
| | | GM | .39 | .34 | .42 | .36 | .35 | .37 | .36 | .38 |
| | ADULT | MIN | .21 | .19 | .23 | .20 | .20 | .20 | .20 | .21 |
| | | GM | .46 | .43 | .47 | .45 | .44 | .45 | .45 | .45 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .21 | .20 | .19 | .20 | .20 | .20 |
| | ADULT | MIN | .15 | .14 | .15 | .14 | .14 | .14 | .14 | .14 |
| | | GM | .38 | .37 | .39 | .38 | .38 | .38 | .38 | .38 |
| 5 | JUVNL | MIN | .97 | .99 | .94 | .99 | .99 | .98 | .99 | .98 |
| | | GM | .98 | 1.00 | .97 | .99 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .17 | .16 | .18 | .16 | .16 | .17 | .16 | .17 |
| | | GM | .41 | .40 | .42 | .41 | .40 | .41 | .41 | .41 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .44 | .41 | .46 | .42 | .42 | .43 | .42 | .43 |
| | | GM | .58 | .55 | .59 | .56 | .56 | .56 | .56 | .57 |
| 7 | JUVNL | MIN | .65 | .59 | .67 | .61 | .61 | .62 | .61 | .63 |
| | | GM | .80 | .77 | .82 | .78 | .78 | .79 | .78 | .79 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .69 | .65 | .70 | .66 | .66 | .67 | .66 | .67 |
| | | GM | .83 | .81 | .84 | .81 | .81 | .82 | .81 | .82 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .26 | .20 | .29 | .22 | .21 | .23 | .22 | .23 |
| | | GM | .51 | .44 | .53 | .47 | .46 | .47 | .47 | .48 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.016 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5435500 Pecatonica River at Freeport

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .11 | .00 | .08 | .03 | .02 | .03 | .01 |
| | | GM | .00 | .14 | .00 | .11 | .04 | .02 | .04 | .02 |
| | ADULT | MIN | .26 | .71 | .20 | .65 | .45 | .38 | .44 | .37 |
| | | GM | .35 | .78 | .29 | .72 | .53 | .46 | .51 | .45 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .28 | .99 | .24 | .98 | .95 | .90 | .95 | .88 |
| | | GM | .50 | .99 | .45 | .99 | .96 | .92 | .95 | .91 |
| | ADULT | MIN | .59 | .98 | .44 | .97 | .94 | .83 | .92 | .81 |
| | | GM | .71 | .99 | .51 | .99 | .94 | .87 | .92 | .86 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .16 | .22 | .16 | .21 | .19 | .18 | .18 | .18 |
| | ADULT | MIN | .92 | .97 | .90 | .96 | .94 | .93 | .94 | .93 |
| | | GM | .96 | .99 | .95 | .98 | .97 | .97 | .97 | .96 |
| 5 | JUVNL | MIN | .75 | .92 | .72 | .91 | .84 | .81 | .83 | .80 |
| | | GM | .87 | .96 | .85 | .95 | .91 | .90 | .91 | .90 |
| | ADULT | MIN | .83 | .87 | .80 | .92 | .88 | .87 | .88 | .86 |
| | | GM | .91 | .91 | .90 | .92 | .94 | .93 | .93 | .93 |
| 6 | JUVNL | MIN | .81 | .98 | .76 | .97 | .90 | .88 | .90 | .87 |
| | | GM | .90 | .99 | .87 | .98 | .95 | .94 | .95 | .93 |
| | ADULT | MIN | .80 | .76 | .81 | .76 | .78 | .78 | .78 | .79 |
| | | GM | .89 | .87 | .90 | .87 | .88 | .89 | .88 | .89 |
| 7 | JUVNL | MIN | .96 | .99 | .96 | .99 | .98 | .97 | .97 | .97 |
| | | GM | .98 | 1.00 | .98 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | .95 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .98 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| 9 | JUVNL | MIN | .18 | .44 | .13 | .40 | .30 | .25 | .28 | .25 |
| | | GM | .41 | .66 | .35 | .63 | .53 | .49 | .52 | .49 |
| | ADULT | MIN | .77 | .97 | .72 | .95 | .88 | .85 | .87 | .84 |
| | | GM | .88 | .98 | .85 | .98 | .94 | .92 | .93 | .92 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.017 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5437000 Pecatonica River at Shirland

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .11 | .00 | .08 | .02 | .02 | .03 | .02 |
| | | GM | .02 | .26 | .00 | .22 | .08 | .07 | .10 | .07 |
| | ADULT | MIN | .50 | .85 | .46 | .80 | .59 | .56 | .61 | .57 |
| | | GM | .61 | .92 | .56 | .89 | .70 | .68 | .72 | .68 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .92 | .99 | .90 | .98 | .95 | .94 | .95 | .94 |
| | | GM | .96 | .99 | .95 | .99 | .97 | .97 | .98 | .97 |
| | ADULT | MIN | .89 | .98 | .86 | .97 | .93 | .93 | .94 | .93 |
| | | GM | .94 | .99 | .93 | .99 | .96 | .96 | .97 | .96 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .24 | .29 | .23 | .29 | .26 | .25 | .26 | .25 |
| | ADULT | MIN | .92 | .93 | .91 | .97 | .94 | .93 | .94 | .93 |
| | | GM | .96 | .95 | .96 | .97 | .97 | .97 | .97 | .97 |
| 5 | JUVNL | MIN | .77 | .92 | .75 | .91 | .82 | .81 | .83 | .81 |
| | | GM | .88 | .96 | .87 | .95 | .91 | .90 | .91 | .90 |
| | ADULT | MIN | .84 | .55 | .83 | .58 | .75 | .78 | .74 | .77 |
| | | GM | .84 | .72 | .86 | .74 | .81 | .82 | .81 | .82 |
| 6 | JUVNL | MIN | .84 | .98 | .80 | .97 | .89 | .88 | .90 | .88 |
| | | GM | .91 | .99 | .90 | .98 | .94 | .94 | .95 | .94 |
| | ADULT | MIN | .79 | .76 | .80 | .76 | .78 | .78 | .78 | .78 |
| | | GM | .89 | .87 | .89 | .87 | .88 | .89 | .88 | .89 |
| 7 | JUVNL | MIN | .97 | .99 | .96 | .99 | .97 | .97 | .98 | .97 |
| | | GM | .98 | 1.00 | .98 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .94 | .69 | .96 | .73 | .88 | .90 | .87 | .89 |
| | | GM | .97 | .83 | .98 | .85 | .94 | .95 | .93 | .94 |
| 9 | JUVNL | MIN | .47 | .79 | .43 | .74 | .54 | .52 | .56 | .52 |
| | | GM | .67 | .88 | .63 | .85 | .72 | .70 | .73 | .71 |
| | ADULT | MIN | .80 | .97 | .77 | .95 | .86 | .85 | .87 | .85 |
| | | GM | .90 | .98 | .88 | .98 | .93 | .92 | .93 | .92 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.018 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5437500 Rock River at Rockton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .05 | .00 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .19 | .00 | .09 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .25 | .68 | .16 | .54 | .40 | .34 | .37 | .30 |
| | | GM | .49 | .83 | .39 | .74 | .64 | .58 | .61 | .55 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .35 | .97 | .31 | .94 | .84 | .39 | .50 | .38 |
| | | GM | .59 | .98 | .56 | .97 | .92 | .63 | .70 | .61 |
| | ADULT | MIN | .41 | .95 | .38 | .92 | .58 | .44 | .46 | .43 |
| | | GM | .64 | .98 | .61 | .96 | .76 | .66 | .67 | .65 |
| 4 | JUVNL | MIN | .10 | .09 | .10 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .31 | .29 | .32 | .30 | .30 | .30 | .30 | .31 |
| | ADULT | MIN | .87 | .79 | .84 | .85 | .90 | .89 | .90 | .88 |
| | | GM | .92 | .86 | .91 | .89 | .90 | .91 | .91 | .91 |
| 5 | JUVNL | MIN | .55 | .86 | .42 | .80 | .72 | .66 | .69 | .62 |
| | | GM | .74 | .93 | .65 | .89 | .85 | .81 | .83 | .79 |
| | ADULT | MIN | .59 | .46 | .58 | .49 | .53 | .56 | .54 | .57 |
| | | GM | .64 | .64 | .61 | .65 | .65 | .65 | .65 | .65 |
| 6 | JUVNL | MIN | .58 | .93 | .48 | .87 | .76 | .67 | .72 | .63 |
| | | GM | .76 | .96 | .69 | .93 | .87 | .82 | .85 | .79 |
| | ADULT | MIN | .84 | .77 | .88 | .79 | .81 | .82 | .82 | .83 |
| | | GM | .92 | .88 | .94 | .89 | .90 | .91 | .90 | .91 |
| 7 | JUVNL | MIN | .92 | .98 | .89 | .97 | .96 | .94 | .95 | .94 |
| | | GM | .96 | .99 | .95 | .98 | .98 | .97 | .97 | .97 |
| | ADULT | MIN | .95 | 1.00 | .94 | 1.00 | .99 | .99 | .99 | .98 |
| | | GM | .98 | 1.00 | .97 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .74 | .55 | .79 | .61 | .66 | .69 | .68 | .71 |
| | | GM | .86 | .74 | .89 | .78 | .81 | .83 | .82 | .84 |
| 9 | JUVNL | MIN | .74 | .90 | .67 | .87 | .81 | .78 | .80 | .77 |
| | | GM | .81 | .94 | .75 | .91 | .87 | .84 | .86 | .83 |
| | ADULT | MIN | .44 | .90 | .33 | .84 | .72 | .62 | .68 | .55 |
| | | GM | .66 | .95 | .57 | .92 | .85 | .79 | .82 | .74 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.019 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5438250 Coon Creek at Riley

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .27 | .73 | .17 | .56 | .61 | .44 | .47 | .31 |
| | | GM | .52 | .85 | .41 | .75 | .78 | .66 | .69 | .56 |
| | ADULT | MIN | .20 | .17 | .20 | .18 | .18 | .19 | .18 | .19 |
| | | GM | .44 | .41 | .43 | .42 | .42 | .43 | .43 | .44 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .12 | .18 | .10 | .17 | .17 | .16 | .16 | .14 |
| 3 | JUVNL | MIN | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .12 | .08 | .13 | .09 | .09 | .10 | .10 | .12 |
| | ADULT | MIN | .07 | .05 | .07 | .06 | .06 | .06 | .06 | .07 |
| | | GM | .26 | .23 | .27 | .24 | .24 | .25 | .24 | .26 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .16 | .15 | .17 | .16 | .16 | .16 | .16 | .16 |
| | ADULT | MIN | .07 | .05 | .08 | .06 | .06 | .06 | .06 | .07 |
| | | GM | .26 | .23 | .27 | .24 | .24 | .25 | .24 | .26 |
| 5 | JUVNL | MIN | .97 | .99 | .95 | .99 | .99 | .98 | .98 | .97 |
| | | GM | .98 | 1.00 | .97 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .09 | .08 | .09 | .08 | .08 | .08 | .08 | .09 |
| | | GM | .29 | .28 | .30 | .28 | .28 | .29 | .29 | .29 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .22 | .19 | .23 | .20 | .19 | .20 | .20 | .21 |
| | | GM | .40 | .37 | .41 | .38 | .38 | .39 | .39 | .40 |
| 7 | JUVNL | MIN | .15 | .09 | .17 | .11 | .11 | .13 | .12 | .15 |
| | | GM | .39 | .31 | .42 | .34 | .33 | .36 | .35 | .38 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .33 | .28 | .35 | .30 | .29 | .31 | .30 | .33 |
| | | GM | .58 | .53 | .59 | .54 | .54 | .56 | .55 | .57 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .01 | .00 | .02 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .11 | .00 | .14 | .00 | .00 | .04 | .00 | .10 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.020 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5438500 Kishwaukee River at Belvidere

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .12 | .37 | .07 | .28 | .19 | .15 | .18 | .13 |
| | | GM | .34 | .60 | .27 | .53 | .44 | .39 | .42 | .36 |
| | ADULT | MIN | .76 | .55 | .77 | .61 | .67 | .71 | .69 | .73 |
| | | GM | .81 | .74 | .80 | .78 | .80 | .81 | .80 | .81 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .04 | .00 | .02 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .68 | .16 | .89 | .20 | .34 | .49 | .40 | .59 |
| | | GM | .82 | .41 | .93 | .45 | .58 | .70 | .63 | .76 |
| | ADULT | MIN | .41 | .22 | .60 | .25 | .30 | .33 | .31 | .37 |
| | | GM | .63 | .47 | .76 | .50 | .55 | .57 | .56 | .60 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .20 | .22 | .20 | .21 | .21 | .21 | .21 |
| | ADULT | MIN | .17 | .15 | .19 | .16 | .16 | .17 | .17 | .17 |
| | | GM | .41 | .39 | .42 | .39 | .40 | .41 | .41 | .41 |
| 5 | JUVNL | MIN | .93 | .98 | .90 | .97 | .96 | .94 | .95 | .94 |
| | | GM | .96 | .99 | .95 | .98 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .22 | .18 | .24 | .19 | .20 | .21 | .21 | .22 |
| | | GM | .46 | .42 | .47 | .43 | .44 | .45 | .45 | .45 |
| 6 | JUVNL | MIN | .99 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .56 | .45 | .61 | .48 | .51 | .54 | .52 | .55 |
| | | GM | .65 | .58 | .68 | .60 | .62 | .64 | .63 | .64 |
| 7 | JUVNL | MIN | .80 | .66 | .85 | .70 | .75 | .77 | .76 | .79 |
| | | GM | .89 | .81 | .92 | .84 | .86 | .88 | .87 | .88 |
| | ADULT | MIN | .59 | .00 | .76 | .05 | .24 | .40 | .31 | .50 |
| | | GM | .77 | .00 | .87 | .22 | .49 | .63 | .55 | .71 |
| 8 | JUVNL | MIN | .77 | .69 | .81 | .72 | .74 | .76 | .75 | .77 |
| | | GM | .88 | .83 | .90 | .85 | .86 | .87 | .86 | .87 |
| | ADULT | MIN | .00 | .00 | .05 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .22 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .99 | 1.00 | .98 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .57 | .27 | .68 | .33 | .43 | .50 | .46 | .54 |
| | | GM | .75 | .52 | .80 | .57 | .66 | .70 | .67 | .72 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.021 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5439500 S. B. Kishwaukee River near Fairdale

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .31 | .61 | .21 | .45 | .42 | .33 | .41 | .31 |
| | | GM | .56 | .78 | .46 | .67 | .65 | .57 | .64 | .56 |
| | ADULT | MIN | .46 | .38 | .54 | .41 | .43 | .45 | .43 | .46 |
| | | GM | .68 | .61 | .72 | .64 | .65 | .67 | .65 | .68 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .01 | .01 | .00 | .01 | .00 |
| | | GM | .05 | .08 | .03 | .07 | .07 | .06 | .07 | .05 |
| 3 | JUVNL | MIN | .11 | .07 | .16 | .09 | .10 | .11 | .10 | .11 |
| | | GM | .34 | .27 | .39 | .31 | .32 | .33 | .32 | .34 |
| | ADULT | MIN | .19 | .15 | .21 | .16 | .17 | .18 | .17 | .19 |
| | | GM | .43 | .38 | .46 | .40 | .41 | .43 | .41 | .43 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .20 | .19 | .19 | .20 | .19 | .20 |
| | ADULT | MIN | .14 | .12 | .15 | .13 | .13 | .14 | .13 | .14 |
| | | GM | .37 | .35 | .38 | .36 | .36 | .37 | .36 | .37 |
| 5 | JUVNL | MIN | .97 | .99 | .96 | .98 | .98 | .98 | .98 | .97 |
| | | GM | .99 | 1.00 | .98 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .16 | .13 | .17 | .15 | .15 | .16 | .15 | .16 |
| | | GM | .40 | .37 | .41 | .38 | .39 | .40 | .39 | .40 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .41 | .36 | .44 | .38 | .39 | .41 | .39 | .41 |
| | | GM | .55 | .52 | .58 | .54 | .54 | .55 | .54 | .55 |
| 7 | JUVNL | MIN | .58 | .47 | .65 | .53 | .54 | .58 | .54 | .58 |
| | | GM | .76 | .68 | .80 | .73 | .74 | .76 | .74 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .64 | .58 | .69 | .61 | .62 | .64 | .62 | .64 |
| | | GM | .80 | .76 | .83 | .78 | .79 | .80 | .79 | .80 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .19 | .12 | .26 | .16 | .17 | .19 | .17 | .19 |
| | | GM | .44 | .35 | .51 | .39 | .41 | .43 | .41 | .44 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.022 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5440000 Kishwaukee River near Perryville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .10 | .23 | .08 | .20 | .13 | .11 | .12 | .10 |
| | | GM | .31 | .48 | .29 | .44 | .36 | .34 | .35 | .32 |
| | ADULT | MIN | .83 | .91 | .79 | .92 | .89 | .86 | .88 | .85 |
| | | GM | .90 | .94 | .88 | .94 | .92 | .91 | .92 | .91 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .98 | .96 | .98 | .96 | .97 | .98 | .97 | .98 |
| | | GM | .98 | .98 | .98 | .98 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .98 | .92 | .97 | .94 | .97 | .97 | .97 | .98 |
| | | GM | .98 | .96 | .98 | .97 | .98 | .98 | .98 | .98 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .23 | .22 | .24 | .23 | .23 | .23 | .23 | .23 |
| | ADULT | MIN | .24 | .21 | .25 | .21 | .23 | .23 | .23 | .24 |
| | | GM | .48 | .46 | .49 | .46 | .47 | .48 | .47 | .48 |
| 5 | JUVNL | MIN | .92 | .96 | .91 | .96 | .94 | .93 | .93 | .92 |
| | | GM | .96 | .98 | .95 | .98 | .97 | .96 | .97 | .96 |
| | ADULT | MIN | .30 | .27 | .30 | .27 | .29 | .29 | .29 | .29 |
| | | GM | .53 | .52 | .53 | .52 | .52 | .53 | .52 | .53 |
| 6 | JUVNL | MIN | .97 | 1.00 | .97 | 1.00 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .76 | .70 | .76 | .71 | .74 | .76 | .75 | .76 |
| | | GM | .77 | .72 | .77 | .73 | .75 | .76 | .75 | .76 |
| 7 | JUVNL | MIN | .96 | .92 | .97 | .92 | .94 | .95 | .95 | .96 |
| | | GM | .98 | .96 | .98 | .96 | .97 | .97 | .97 | .98 |
| | ADULT | MIN | .96 | .89 | .97 | .90 | .94 | .95 | .94 | .96 |
| | | GM | .98 | .94 | .99 | .95 | .97 | .97 | .97 | .98 |
| 8 | JUVNL | MIN | .89 | .86 | .90 | .86 | .88 | .89 | .88 | .89 |
| | | GM | .94 | .93 | .95 | .93 | .94 | .94 | .94 | .94 |
| | ADULT | MIN | .19 | .13 | .20 | .13 | .16 | .18 | .17 | .19 |
| | | GM | .44 | .35 | .45 | .37 | .40 | .42 | .41 | .43 |
| 9 | JUVNL | MIN | .98 | 1.00 | .98 | 1.00 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .87 | .80 | .89 | .81 | .84 | .86 | .85 | .87 |
| | | GM | .92 | .89 | .92 | .90 | .91 | .91 | .91 | .92 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.023 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5440500 Killbuck Creek Near Monroe Center

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .70 | .96 | .56 | .94 | .86 | .77 | .86 | .77 |
| | | GM | .84 | .98 | .75 | .97 | .93 | .88 | .93 | .88 |
| | ADULT | MIN | .20 | .18 | .21 | .18 | .19 | .19 | .19 | .19 |
| | | GM | .45 | .42 | .46 | .43 | .43 | .44 | .43 | .44 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .16 | .18 | .15 | .18 | .17 | .16 | .17 | .16 |
| 3 | JUVNL | MIN | .02 | .01 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .13 | .08 | .14 | .10 | .11 | .12 | .11 | .12 |
| | ADULT | MIN | .07 | .06 | .07 | .06 | .06 | .07 | .06 | .07 |
| | | GM | .26 | .24 | .27 | .24 | .25 | .26 | .25 | .26 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .16 | .15 | .17 | .15 | .16 | .16 | .16 | .16 |
| | ADULT | MIN | .07 | .05 | .08 | .06 | .06 | .07 | .06 | .07 |
| | | GM | .27 | .23 | .28 | .24 | .25 | .26 | .25 | .26 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .09 | .08 | .09 | .08 | .08 | .09 | .08 | .09 |
| | | GM | .30 | .28 | .30 | .28 | .29 | .29 | .29 | .29 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .22 | .19 | .23 | .20 | .21 | .21 | .21 | .21 |
| | | GM | .41 | .38 | .42 | .38 | .39 | .40 | .39 | .40 |
| 7 | JUVNL | MIN | .16 | .10 | .18 | .12 | .14 | .15 | .14 | .15 |
| | | GM | .40 | .32 | .43 | .34 | .37 | .39 | .37 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .34 | .29 | .36 | .30 | .32 | .33 | .32 | .33 |
| | | GM | .59 | .53 | .60 | .55 | .56 | .57 | .56 | .57 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .02 | .00 | .02 | .00 | .01 | .01 | .01 | .01 |
| | | GM | .12 | .00 | .15 | .00 | .07 | .10 | .07 | .10 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.024 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5441000 Leaf River at Leaf River

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .03 | .16 | .00 | .02 | .07 | .06 | .07 | .05 |
| | | GM | .18 | .40 | .00 | .12 | .27 | .24 | .27 | .23 |
| | ADULT | MIN | .19 | .14 | .28 | .21 | .17 | .18 | .17 | .18 |
| | | GM | .35 | .36 | .32 | .34 | .36 | .36 | .36 | .36 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .04 | .01 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .08 | .12 | .03 | .08 | .10 | .09 | .10 | .09 |
| 3 | JUVNL | MIN | .01 | .00 | .06 | .02 | .01 | .01 | .01 | .01 |
| | | GM | .12 | .00 | .15 | .13 | .08 | .09 | .08 | .09 |
| | ADULT | MIN | .07 | .04 | .14 | .07 | .05 | .06 | .05 | .06 |
| | | GM | .25 | .19 | .24 | .26 | .23 | .23 | .23 | .24 |
| 4 | JUVNL | MIN | .09 | .08 | .10 | .09 | .08 | .08 | .08 | .09 |
| | | GM | .17 | .15 | .21 | .18 | .16 | .17 | .16 | .17 |
| | ADULT | MIN | .07 | .02 | .12 | .08 | .05 | .06 | .05 | .06 |
| | | GM | .25 | .14 | .33 | .27 | .22 | .23 | .22 | .23 |
| 5 | JUVNL | MIN | .84 | .95 | .60 | .81 | .90 | .88 | .90 | .87 |
| | | GM | .92 | .97 | .77 | .90 | .95 | .94 | .95 | .93 |
| | ADULT | MIN | .09 | .07 | .13 | .09 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .25 | .30 | .28 | .27 | .27 | .27 | .27 |
| 6 | JUVNL | MIN | .91 | 1.00 | .61 | .88 | .96 | .94 | .96 | .94 |
| | | GM | .95 | 1.00 | .78 | .94 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .21 | .16 | .35 | .23 | .19 | .19 | .19 | .20 |
| | | GM | .41 | .35 | .54 | .43 | .38 | .39 | .38 | .39 |
| 7 | JUVNL | MIN | .15 | .02 | .44 | .18 | .09 | .11 | .09 | .11 |
| | | GM | .38 | .14 | .64 | .42 | .31 | .33 | .31 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .33 | .22 | .56 | .36 | .28 | .29 | .28 | .30 |
| | | GM | .57 | .46 | .75 | .60 | .53 | .54 | .53 | .55 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .96 | .99 | .90 | .95 | .98 | .97 | .98 | .97 |
| | | GM | .98 | 1.00 | .95 | .98 | .99 | .99 | .99 | .98 |
| | ADULT | MIN | .01 | .00 | .10 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .09 | .00 | .23 | .14 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.025 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5443500 Rock River at Como

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .03 | .00 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .12 | .00 | .09 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .20 | .61 | .17 | .56 | .33 | .26 | .29 | .23 |
| | | GM | .41 | .77 | .37 | .73 | .54 | .48 | .50 | .44 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .33 | .95 | .31 | .94 | .39 | .35 | .37 | .34 |
| | | GM | .57 | .98 | .56 | .97 | .63 | .59 | .61 | .58 |
| | ADULT | MIN | .39 | .94 | .38 | .92 | .44 | .41 | .42 | .40 |
| | | GM | .63 | .97 | .62 | .96 | .66 | .64 | .65 | .63 |
| 4 | JUVNL | MIN | .10 | .09 | .10 | .09 | .09 | .10 | .09 | .10 |
| | | GM | .28 | .29 | .27 | .29 | .29 | .28 | .28 | .28 |
| | ADULT | MIN | .85 | .94 | .84 | .93 | .89 | .87 | .88 | .86 |
| | | GM | .92 | .96 | .92 | .96 | .94 | .93 | .94 | .93 |
| 5 | JUVNL | MIN | .49 | .83 | .43 | .81 | .65 | .58 | .60 | .53 |
| | | GM | .70 | .91 | .66 | .90 | .81 | .76 | .78 | .72 |
| | ADULT | MIN | .64 | .61 | .59 | .62 | .70 | .71 | .72 | .67 |
| | | GM | .70 | .73 | .68 | .73 | .73 | .72 | .72 | .71 |
| 6 | JUVNL | MIN | .53 | .90 | .48 | .88 | .66 | .59 | .62 | .56 |
| | | GM | .73 | .95 | .70 | .94 | .81 | .77 | .78 | .75 |
| | ADULT | MIN | .86 | .78 | .88 | .78 | .82 | .84 | .83 | .85 |
| | | GM | .93 | .88 | .94 | .89 | .91 | .92 | .91 | .92 |
| 7 | JUVNL | MIN | .91 | .98 | .90 | .97 | .94 | .93 | .93 | .92 |
| | | GM | .95 | .99 | .95 | .99 | .97 | .96 | .97 | .96 |
| | ADULT | MIN | .94 | 1.00 | .94 | 1.00 | .99 | .96 | .97 | .95 |
| | | GM | .97 | 1.00 | .97 | 1.00 | .99 | .98 | .99 | .97 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .88 | .76 | .90 | .77 | .85 | .86 | .86 | .87 |
| | | GM | .94 | .87 | .95 | .88 | .92 | .93 | .93 | .93 |
| 9 | JUVNL | MIN | .54 | .71 | .52 | .69 | .60 | .57 | .58 | .55 |
| | | GM | .68 | .83 | .67 | .81 | .74 | .71 | .72 | .70 |
| | ADULT | MIN | .38 | .87 | .33 | .85 | .60 | .46 | .52 | .41 |
| | | GM | .62 | .94 | .58 | .92 | .78 | .68 | .72 | .64 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.026 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5444000 Elkhorn Creek near Penrose

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .10 | .31 | .08 | .29 | .20 | .17 | .19 | .16 |
| | | GM | .31 | .56 | .28 | .54 | .45 | .41 | .44 | .40 |
| | ADULT | MIN | .40 | .29 | .43 | .30 | .33 | .36 | .34 | .36 |
| | | GM | .58 | .54 | .58 | .54 | .56 | .57 | .57 | .58 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .04 | .09 | .04 | .08 | .06 | .05 | .06 | .05 |
| 3 | JUVNL | MIN | .09 | .04 | .10 | .05 | .06 | .06 | .06 | .06 |
| | | GM | .29 | .21 | .31 | .21 | .23 | .25 | .24 | .25 |
| | ADULT | MIN | .16 | .11 | .17 | .11 | .13 | .14 | .13 | .14 |
| | | GM | .39 | .32 | .41 | .33 | .36 | .37 | .36 | .37 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .18 | .20 | .18 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .13 | .11 | .13 | .11 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .33 | .36 | .33 | .34 | .35 | .34 | .35 |
| 5 | JUVNL | MIN | .92 | .97 | .91 | .97 | .96 | .95 | .96 | .95 |
| | | GM | .96 | .99 | .95 | .98 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .14 | .11 | .15 | .11 | .12 | .13 | .12 | .13 |
| | | GM | .37 | .33 | .37 | .34 | .34 | .35 | .35 | .35 |
| 6 | JUVNL | MIN | .98 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .38 | .30 | .39 | .31 | .33 | .35 | .33 | .35 |
| | | GM | .54 | .47 | .55 | .48 | .50 | .51 | .50 | .51 |
| 7 | JUVNL | MIN | .51 | .33 | .54 | .35 | .40 | .44 | .41 | .45 |
| | | GM | .71 | .57 | .73 | .59 | .64 | .66 | .64 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .60 | .48 | .62 | .49 | .54 | .56 | .54 | .57 |
| | | GM | .78 | .69 | .79 | .70 | .73 | .75 | .74 | .75 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .98 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .15 | .07 | .17 | .07 | .09 | .10 | .09 | .11 |
| | | GM | .38 | .26 | .40 | .27 | .30 | .32 | .31 | .32 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.027 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5445500 Rock Creek near Morrison

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .54 | .93 | .40 | .85 | .64 | .59 | .64 | .57 |
| | | GM | .74 | .96 | .63 | .92 | .80 | .77 | .80 | .75 |
| | ADULT | MIN | .54 | .45 | .57 | .47 | .52 | .53 | .52 | .53 |
| | | GM | .74 | .67 | .75 | .69 | .72 | .73 | .72 | .73 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .07 | .04 | .06 | .05 | .05 | .05 | .05 |
| 3 | JUVNL | MIN | .16 | .11 | .17 | .12 | .14 | .15 | .14 | .15 |
| | | GM | .40 | .33 | .42 | .34 | .38 | .39 | .38 | .39 |
| | ADULT | MIN | .22 | .18 | .23 | .19 | .21 | .21 | .21 | .21 |
| | | GM | .47 | .42 | .48 | .43 | .46 | .46 | .46 | .46 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .20 | .19 | .20 | .20 | .20 | .20 |
| | ADULT | MIN | .15 | .14 | .15 | .14 | .14 | .15 | .14 | .15 |
| | | GM | .38 | .37 | .39 | .37 | .38 | .38 | .38 | .38 |
| 5 | JUVNL | MIN | .99 | .99 | .98 | .99 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .17 | .15 | .18 | .16 | .17 | .17 | .17 | .17 |
| | | GM | .42 | .39 | .42 | .40 | .41 | .41 | .41 | .42 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .45 | .40 | .46 | .41 | .43 | .44 | .43 | .44 |
| | | GM | .58 | .54 | .58 | .55 | .57 | .57 | .57 | .57 |
| 7 | JUVNL | MIN | .65 | .57 | .67 | .59 | .63 | .64 | .63 | .64 |
| | | GM | .81 | .75 | .82 | .77 | .79 | .80 | .79 | .80 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .69 | .63 | .70 | .65 | .68 | .68 | .68 | .69 |
| | | GM | .83 | .80 | .84 | .81 | .82 | .83 | .82 | .83 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .26 | .18 | .29 | .19 | .24 | .25 | .24 | .26 |
| | | GM | .51 | .42 | .54 | .44 | .49 | .50 | .49 | .51 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.028 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5446500 Rock River near Joslin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .04 | .00 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .16 | .00 | .09 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .27 | .66 | .20 | .55 | .37 | .32 | .34 | .29 |
| | | GM | .46 | .81 | .37 | .74 | .57 | .51 | .55 | .49 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .36 | .96 | .33 | .94 | .51 | .38 | .40 | .37 |
| | | GM | .60 | .98 | .57 | .97 | .71 | .62 | .63 | .61 |
| | ADULT | MIN | .41 | .95 | .39 | .92 | .46 | .43 | .44 | .42 |
| | | GM | .64 | .97 | .63 | .96 | .68 | .66 | .67 | .65 |
| 4 | JUVNL | MIN | .10 | .09 | .10 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .25 | .29 | .24 | .29 | .28 | .27 | .27 | .26 |
| | ADULT | MIN | .87 | .93 | .85 | .93 | .90 | .89 | .89 | .88 |
| | | GM | .93 | .94 | .92 | .95 | .95 | .94 | .94 | .94 |
| 5 | JUVNL | MIN | .58 | .86 | .49 | .81 | .69 | .64 | .67 | .61 |
| | | GM | .76 | .92 | .70 | .90 | .83 | .80 | .82 | .78 |
| | ADULT | MIN | .71 | .55 | .64 | .59 | .72 | .75 | .74 | .73 |
| | | GM | .76 | .70 | .76 | .72 | .75 | .76 | .75 | .76 |
| 6 | JUVNL | MIN | .60 | .92 | .53 | .87 | .72 | .64 | .69 | .62 |
| | | GM | .77 | .96 | .73 | .94 | .85 | .80 | .83 | .79 |
| | ADULT | MIN | .84 | .77 | .86 | .79 | .82 | .83 | .82 | .83 |
| | | GM | .92 | .88 | .93 | .89 | .90 | .91 | .91 | .91 |
| 7 | JUVNL | MIN | .93 | .98 | .91 | .97 | .95 | .94 | .95 | .93 |
| | | GM | .96 | .99 | .95 | .99 | .97 | .97 | .97 | .97 |
| | ADULT | MIN | .96 | 1.00 | .94 | 1.00 | .99 | .98 | .99 | .97 |
| | | GM | .98 | 1.00 | .97 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .92 | .69 | .96 | .74 | .86 | .89 | .87 | .90 |
| | | GM | .96 | .83 | .98 | .86 | .93 | .94 | .93 | .95 |
| 9 | JUVNL | MIN | .49 | .79 | .42 | .73 | .58 | .53 | .56 | .51 |
| | | GM | .66 | .87 | .61 | .83 | .73 | .69 | .71 | .68 |
| | ADULT | MIN | .47 | .90 | .38 | .85 | .68 | .58 | .63 | .53 |
| | | GM | .69 | .95 | .62 | .92 | .83 | .76 | .80 | .73 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.029 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5447000 Green River at Amboy

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .19 | .49 | .14 | .42 | .29 | .19 | .30 | .24 |
| | | GM | .43 | .70 | .37 | .65 | .54 | .44 | .55 | .49 |
| | ADULT | MIN | .35 | .29 | .37 | .30 | .33 | .37 | .33 | .34 |
| | | GM | .58 | .54 | .58 | .55 | .57 | .59 | .57 | .58 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .06 | .10 | .05 | .09 | .07 | .05 | .07 | .06 |
| 3 | JUVNL | MIN | .06 | .04 | .07 | .05 | .05 | .07 | .05 | .06 |
| | | GM | .24 | .21 | .26 | .22 | .23 | .26 | .23 | .24 |
| | ADULT | MIN | .14 | .11 | .14 | .11 | .12 | .14 | .12 | .13 |
| | | GM | .37 | .33 | .38 | .34 | .35 | .38 | .35 | .36 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .19 | .18 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .12 | .11 | .12 | .11 | .11 | .12 | .11 | .12 |
| | | GM | .35 | .33 | .35 | .33 | .34 | .35 | .34 | .34 |
| 5 | JUVNL | MIN | .96 | .99 | .94 | .98 | .97 | .96 | .97 | .96 |
| | | GM | .98 | .99 | .97 | .99 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .13 | .11 | .13 | .11 | .12 | .13 | .12 | .12 |
| | | GM | .35 | .34 | .36 | .34 | .34 | .36 | .34 | .35 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .34 | .30 | .35 | .31 | .33 | .35 | .33 | .34 |
| | | GM | .51 | .48 | .52 | .48 | .49 | .52 | .49 | .50 |
| 7 | JUVNL | MIN | .43 | .34 | .46 | .36 | .39 | .46 | .39 | .42 |
| | | GM | .66 | .58 | .67 | .60 | .62 | .68 | .62 | .64 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .56 | .49 | .57 | .50 | .53 | .57 | .53 | .55 |
| | | GM | .75 | .70 | .76 | .71 | .73 | .76 | .73 | .74 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .07 | .11 | .08 | .09 | .11 | .09 | .09 |
| | | GM | .31 | .27 | .33 | .28 | .29 | .34 | .29 | .31 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.030 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5447500 Green River near Geneseo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .16 | .32 | .12 | .28 | .20 | .17 | .20 | .17 |
| | | GM | .40 | .56 | .35 | .53 | .45 | .41 | .44 | .41 |
| | ADULT | MIN | .89 | .86 | .87 | .87 | .88 | .89 | .88 | .89 |
| | | GM | .90 | .93 | .88 | .93 | .92 | .91 | .92 | .91 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .94 | .93 | .95 | .93 | .94 | .94 | .94 | .94 |
| | | GM | .97 | .96 | .97 | .97 | .97 | .97 | .97 | .97 |
| | ADULT | MIN | .86 | .76 | .90 | .80 | .84 | .86 | .84 | .86 |
| | | GM | .92 | .87 | .94 | .89 | .92 | .92 | .92 | .92 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .22 | .23 | .22 | .22 | .22 | .22 | .22 |
| | ADULT | MIN | .20 | .19 | .20 | .20 | .20 | .20 | .20 | .20 |
| | | GM | .44 | .44 | .44 | .44 | .44 | .44 | .44 | .44 |
| 5 | JUVNL | MIN | .95 | .97 | .93 | .97 | .96 | .95 | .96 | .95 |
| | | GM | .97 | .99 | .96 | .98 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .26 | .25 | .26 | .26 | .26 | .26 | .26 | .26 |
| | | GM | .50 | .50 | .50 | .50 | .50 | .50 | .50 | .50 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .67 | .65 | .68 | .66 | .66 | .67 | .66 | .67 |
| | | GM | .71 | .69 | .72 | .70 | .71 | .71 | .71 | .71 |
| 7 | JUVNL | MIN | .90 | .88 | .90 | .89 | .89 | .90 | .89 | .90 |
| | | GM | .94 | .94 | .95 | .94 | .94 | .95 | .94 | .95 |
| | ADULT | MIN | .85 | .81 | .86 | .82 | .84 | .85 | .84 | .85 |
| | | GM | .92 | .90 | .93 | .91 | .92 | .92 | .92 | .92 |
| 8 | JUVNL | MIN | .84 | .83 | .85 | .84 | .84 | .84 | .84 | .84 |
| | | GM | .92 | .91 | .92 | .91 | .92 | .92 | .92 | .92 |
| | ADULT | MIN | .10 | .08 | .11 | .09 | .10 | .10 | .10 | .10 |
| | | GM | .32 | .28 | .33 | .29 | .31 | .32 | .31 | .32 |
| 9 | JUVNL | MIN | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .77 | .73 | .78 | .75 | .76 | .77 | .76 | .77 |
| | | GM | .87 | .86 | .87 | .86 | .87 | .87 | .87 | .87 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.031 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5448000 Mill Creek at Milan

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .84 | .96 | .61 | .89 | .96 | .95 | .96 | .93 |
| | | GM | .92 | .97 | .78 | .94 | .97 | .97 | .97 | .96 |
| | ADULT | MIN | .11 | .09 | .12 | .10 | .09 | .09 | .09 | .10 |
| | | GM | .33 | .30 | .35 | .32 | .29 | .31 | .29 | .31 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .07 | .09 | .05 | .07 | .09 | .08 | .09 | .08 |
| | | GM | .25 | .29 | .21 | .26 | .30 | .28 | .30 | .27 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .02 | .03 | .02 | .01 | .02 | .01 | .02 |
| | | GM | .15 | .12 | .16 | .14 | .12 | .13 | .12 | .14 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .13 | .12 | .14 | .13 | .12 | .12 | .12 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | .99 | 1.00 | .99 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .05 | .04 | .06 | .05 | .04 | .04 | .04 | .04 |
| | | GM | .22 | .20 | .24 | .22 | .20 | .21 | .20 | .21 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .10 | .14 | .11 | .10 | .11 | .10 | .11 |
| | | GM | .30 | .27 | .32 | .29 | .26 | .28 | .26 | .28 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .14 | .10 | .17 | .13 | .09 | .11 | .09 | .12 |
| | | GM | .37 | .31 | .41 | .36 | .31 | .34 | .31 | .34 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | .98 | 1.00 | .99 | .98 | .99 | .98 | .99 |
| | | GM | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.032 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5466000 Edwards River near Orion

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .57 | .84 | .39 | .69 | .81 | .67 | .79 | .65 |
| | | GM | .75 | .92 | .63 | .83 | .90 | .82 | .89 | .80 |
| | ADULT | MIN | .24 | .20 | .27 | .22 | .21 | .22 | .21 | .23 |
| | | GM | .49 | .45 | .52 | .47 | .45 | .47 | .46 | .48 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .03 | .01 | .02 | .03 | .02 | .03 | .02 |
| | | GM | .13 | .16 | .11 | .14 | .16 | .14 | .15 | .14 |
| 3 | JUVNL | MIN | .03 | .02 | .04 | .02 | .02 | .02 | .02 | .03 |
| | | GM | .17 | .13 | .20 | .16 | .14 | .16 | .14 | .16 |
| | ADULT | MIN | .09 | .07 | .10 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .30 | .27 | .31 | .29 | .27 | .29 | .27 | .29 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .17 | .16 | .18 | .17 | .16 | .17 | .16 | .17 |
| | ADULT | MIN | .09 | .07 | .10 | .09 | .08 | .09 | .08 | .09 |
| | | GM | .31 | .27 | .32 | .29 | .28 | .29 | .28 | .30 |
| 5 | JUVNL | MIN | .99 | .99 | .98 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .09 | .11 | .10 | .09 | .10 | .09 | .10 |
| | | GM | .32 | .30 | .33 | .31 | .30 | .31 | .30 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .26 | .23 | .29 | .25 | .23 | .25 | .23 | .25 |
| | | GM | .44 | .41 | .46 | .43 | .41 | .43 | .42 | .43 |
| 7 | JUVNL | MIN | .25 | .17 | .30 | .21 | .18 | .21 | .18 | .22 |
| | | GM | .50 | .41 | .55 | .46 | .42 | .46 | .43 | .47 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .41 | .35 | .46 | .39 | .36 | .39 | .36 | .40 |
| | | GM | .64 | .59 | .68 | .62 | .60 | .62 | .60 | .63 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .02 | .06 | .03 | .02 | .03 | .02 | .04 |
| | | GM | .21 | .13 | .25 | .18 | .14 | .18 | .15 | .19 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.033 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5466500 Edwards River near New Boston

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .29 | .68 | .14 | .43 | .53 | .35 | .51 | .34 |
| | | GM | .54 | .82 | .37 | .65 | .73 | .59 | .71 | .58 |
| | ADULT | MIN | .44 | .34 | .57 | .40 | .37 | .41 | .37 | .42 |
| | | GM | .67 | .58 | .72 | .63 | .61 | .64 | .61 | .65 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .05 | .09 | .02 | .07 | .08 | .07 | .08 | .06 |
| 3 | JUVNL | MIN | .11 | .06 | .18 | .08 | .07 | .09 | .07 | .09 |
| | | GM | .33 | .24 | .42 | .29 | .26 | .30 | .27 | .31 |
| | ADULT | MIN | .18 | .13 | .23 | .15 | .14 | .16 | .14 | .17 |
| | | GM | .42 | .36 | .48 | .39 | .38 | .40 | .38 | .41 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .18 | .21 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .14 | .12 | .15 | .13 | .12 | .13 | .12 | .13 |
| | | GM | .37 | .34 | .39 | .36 | .35 | .36 | .35 | .36 |
| 5 | JUVNL | MIN | .97 | .99 | .94 | .98 | .99 | .98 | .99 | .98 |
| | | GM | .99 | 1.00 | .97 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .15 | .12 | .18 | .14 | .13 | .15 | .13 | .15 |
| | | GM | .39 | .35 | .42 | .37 | .36 | .38 | .36 | .38 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .40 | .33 | .46 | .37 | .35 | .38 | .36 | .39 |
| | | GM | .55 | .50 | .59 | .53 | .51 | .53 | .52 | .54 |
| 7 | JUVNL | MIN | .56 | .41 | .67 | .50 | .46 | .52 | .46 | .53 |
| | | GM | .75 | .64 | .82 | .71 | .68 | .72 | .68 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .63 | .54 | .70 | .60 | .57 | .61 | .58 | .61 |
| | | GM | .80 | .73 | .84 | .77 | .76 | .78 | .76 | .78 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .18 | .09 | .29 | .14 | .11 | .15 | .12 | .16 |
| | | GM | .42 | .30 | .54 | .37 | .34 | .39 | .34 | .40 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.034 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5467000 Pope Creek near Keithsburg

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .74 | .97 | .40 | .81 | .93 | .83 | .92 | .81 |
| | | GM | .86 | .98 | .63 | .90 | .97 | .91 | .96 | .90 |
| | ADULT | MIN | .23 | .19 | .29 | .22 | .20 | .21 | .20 | .22 |
| | | GM | .48 | .43 | .54 | .47 | .45 | .46 | .45 | .47 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .03 | .01 | .02 | .03 | .02 | .03 | .02 |
| | | GM | .14 | .17 | .09 | .15 | .16 | .15 | .16 | .15 |
| 3 | JUVNL | MIN | .03 | .01 | .04 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .16 | .11 | .21 | .15 | .13 | .14 | .13 | .15 |
| | ADULT | MIN | .08 | .06 | .11 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .29 | .25 | .33 | .28 | .26 | .28 | .27 | .28 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .17 | .16 | .18 | .17 | .16 | .16 | .16 | .17 |
| | ADULT | MIN | .09 | .06 | .11 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .30 | .25 | .33 | .29 | .27 | .29 | .27 | .29 |
| 5 | JUVNL | MIN | .99 | 1.00 | .98 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .08 | .11 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .31 | .29 | .34 | .31 | .30 | .31 | .30 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .25 | .21 | .30 | .24 | .22 | .24 | .22 | .24 |
| | | GM | .43 | .39 | .48 | .42 | .40 | .42 | .41 | .42 |
| 7 | JUVNL | MIN | .22 | .13 | .34 | .20 | .16 | .19 | .17 | .20 |
| | | GM | .47 | .37 | .58 | .45 | .40 | .44 | .41 | .45 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .40 | .31 | .49 | .38 | .34 | .37 | .35 | .38 |
| | | GM | .63 | .56 | .70 | .62 | .58 | .61 | .59 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .00 | .07 | .03 | .01 | .03 | .02 | .03 |
| | | GM | .19 | .06 | .27 | .17 | .12 | .16 | .13 | .17 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.035 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5467500 Henderson Creek near Little York

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .45 | .64 | .22 | .38 | .71 | .53 | .60 | .45 |
| | | GM | .67 | .80 | .47 | .61 | .84 | .73 | .78 | .67 |
| | ADULT | MIN | .19 | .17 | .22 | .20 | .17 | .18 | .18 | .19 |
| | | GM | .44 | .42 | .46 | .44 | .41 | .43 | .42 | .44 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .03 | .02 | .03 | .04 | .03 | .03 | .03 |
| | | GM | .16 | .18 | .10 | .15 | .18 | .17 | .17 | .16 |
| 3 | JUVNL | MIN | .01 | .01 | .02 | .01 | .00 | .01 | .01 | .01 |
| | | GM | .11 | .08 | .15 | .12 | .07 | .10 | .09 | .11 |
| | ADULT | MIN | .06 | .05 | .08 | .07 | .05 | .06 | .06 | .06 |
| | | GM | .25 | .23 | .28 | .26 | .23 | .24 | .24 | .25 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .07 | .08 | .08 | .08 |
| | | GM | .16 | .15 | .17 | .16 | .15 | .16 | .16 | .16 |
| | ADULT | MIN | .06 | .05 | .08 | .07 | .05 | .06 | .05 | .06 |
| | | GM | .25 | .23 | .29 | .26 | .22 | .24 | .23 | .25 |
| 5 | JUVNL | MIN | .98 | .99 | .96 | .98 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | .99 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .08 | .08 | .10 | .09 | .08 | .08 | .08 | .08 |
| | | GM | .29 | .28 | .31 | .29 | .28 | .29 | .28 | .29 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .21 | .19 | .24 | .22 | .19 | .20 | .19 | .21 |
| | | GM | .39 | .38 | .43 | .40 | .37 | .38 | .38 | .39 |
| 7 | JUVNL | MIN | .14 | .10 | .21 | .15 | .08 | .12 | .10 | .14 |
| | | GM | .37 | .31 | .45 | .39 | .29 | .34 | .32 | .37 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .32 | .28 | .38 | .33 | .27 | .30 | .29 | .32 |
| | | GM | .57 | .53 | .62 | .58 | .52 | .55 | .54 | .57 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .01 | .00 | .03 | .01 | .00 | .00 | .00 | .01 |
| | | GM | .08 | .00 | .18 | .11 | .00 | .00 | .00 | .08 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.036 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5468500 Cedar Creek at Little York

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .15 | .30 | .10 | .23 | .22 | .18 | .22 | .18 |
| | | GM | .39 | .55 | .32 | .48 | .47 | .43 | .47 | .43 |
| | ADULT | MIN | .45 | .36 | .52 | .40 | .40 | .42 | .40 | .42 |
| | | GM | .64 | .60 | .66 | .62 | .62 | .63 | .62 | .63 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .04 | .07 | .03 | .05 | .05 | .05 | .05 | .05 |
| 3 | JUVNL | MIN | .11 | .06 | .14 | .08 | .09 | .10 | .09 | .10 |
| | | GM | .33 | .25 | .38 | .29 | .29 | .31 | .29 | .31 |
| | ADULT | MIN | .18 | .14 | .21 | .15 | .16 | .17 | .16 | .17 |
| | | GM | .42 | .37 | .45 | .39 | .40 | .41 | .40 | .41 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .21 | .19 | .20 | .20 | .20 | .20 |
| | ADULT | MIN | .14 | .12 | .14 | .13 | .13 | .13 | .13 | .13 |
| | | GM | .37 | .35 | .38 | .36 | .36 | .36 | .36 | .36 |
| 5 | JUVNL | MIN | .94 | .97 | .92 | .96 | .96 | .95 | .96 | .95 |
| | | GM | .97 | .99 | .96 | .98 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .16 | .13 | .17 | .14 | .14 | .15 | .14 | .15 |
| | | GM | .39 | .36 | .40 | .37 | .37 | .38 | .37 | .38 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .40 | .35 | .43 | .37 | .38 | .39 | .38 | .39 |
| | | GM | .55 | .51 | .57 | .53 | .53 | .54 | .53 | .54 |
| 7 | JUVNL | MIN | .57 | .44 | .63 | .50 | .50 | .54 | .50 | .54 |
| | | GM | .75 | .66 | .79 | .70 | .71 | .73 | .71 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .64 | .56 | .67 | .60 | .60 | .62 | .60 | .62 |
| | | GM | .80 | .75 | .82 | .77 | .77 | .79 | .77 | .79 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .18 | .10 | .24 | .14 | .14 | .16 | .14 | .16 |
| | | GM | .42 | .32 | .48 | .37 | .38 | .40 | .38 | .40 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.037 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5469000 Henderson Creek near Oquawka

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .48 | .81 | .22 | .53 | .65 | .50 | .57 | .45 |
| | | GM | .69 | .90 | .47 | .72 | .81 | .71 | .76 | .67 |
| | ADULT | MIN | .91 | .85 | .96 | .90 | .87 | .90 | .89 | .92 |
| | | GM | .95 | .92 | .96 | .95 | .94 | .95 | .94 | .96 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .95 | .92 | .98 | .95 | .93 | .95 | .94 | .96 |
| | | GM | .98 | .96 | .99 | .97 | .97 | .97 | .97 | .98 |
| | ADULT | MIN | .92 | .68 | .97 | .90 | .81 | .91 | .87 | .93 |
| | | GM | .96 | .83 | .99 | .95 | .90 | .95 | .93 | .96 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .23 | .22 | .21 | .22 | .22 | .22 |
| | ADULT | MIN | .21 | .19 | .23 | .20 | .20 | .20 | .20 | .21 |
| | | GM | .45 | .44 | .48 | .45 | .44 | .45 | .45 | .46 |
| 5 | JUVNL | MIN | .99 | .99 | .96 | .99 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | .99 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .27 | .25 | .29 | .27 | .26 | .27 | .26 | .27 |
| | | GM | .52 | .50 | .53 | .51 | .51 | .52 | .51 | .52 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .69 | .63 | .75 | .68 | .66 | .68 | .67 | .70 |
| | | GM | .72 | .68 | .75 | .71 | .70 | .71 | .71 | .72 |
| 7 | JUVNL | MIN | .91 | .87 | .95 | .90 | .89 | .91 | .90 | .92 |
| | | GM | .95 | .93 | .98 | .95 | .94 | .95 | .95 | .96 |
| | ADULT | MIN | .88 | .79 | .95 | .86 | .83 | .87 | .85 | .89 |
| | | GM | .94 | .89 | .97 | .93 | .91 | .93 | .92 | .94 |
| 8 | JUVNL | MIN | .86 | .82 | .89 | .85 | .84 | .85 | .85 | .86 |
| | | GM | .93 | .90 | .94 | .92 | .91 | .92 | .92 | .93 |
| | ADULT | MIN | .12 | .06 | .18 | .11 | .09 | .11 | .10 | .13 |
| | | GM | .35 | .25 | .42 | .33 | .30 | .34 | .32 | .36 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .79 | .71 | .86 | .78 | .75 | .79 | .77 | .80 |
| | | GM | .89 | .84 | .93 | .88 | .87 | .89 | .88 | .90 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.038 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5495500 Bear Creek near Marcelline

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .97 | 1.00 | .57 | .90 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | .99 | 1.00 | .76 | .95 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .25 | .21 | .37 | .29 | .20 | .21 | .20 | .22 |
| | | GM | .50 | .46 | .61 | .53 | .44 | .46 | .45 | .47 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .02 | .01 | .01 | .03 | .02 | .03 | .02 |
| | | GM | .13 | .16 | .08 | .11 | .17 | .15 | .16 | .15 |
| 3 | JUVNL | MIN | .03 | .02 | .07 | .04 | .01 | .02 | .02 | .02 |
| | | GM | .18 | .14 | .26 | .21 | .12 | .14 | .13 | .15 |
| | ADULT | MIN | .09 | .08 | .14 | .10 | .07 | .08 | .07 | .08 |
| | | GM | .30 | .27 | .38 | .32 | .26 | .28 | .27 | .28 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .17 | .16 | .19 | .18 | .16 | .16 | .16 | .16 |
| | ADULT | MIN | .10 | .08 | .12 | .11 | .07 | .08 | .07 | .09 |
| | | GM | .31 | .28 | .35 | .33 | .26 | .29 | .27 | .29 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .09 | .13 | .11 | .09 | .09 | .09 | .10 |
| | | GM | .32 | .30 | .36 | .33 | .30 | .31 | .30 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .27 | .24 | .35 | .30 | .22 | .24 | .22 | .25 |
| | | GM | .44 | .42 | .51 | .47 | .40 | .42 | .41 | .42 |
| 7 | JUVNL | MIN | .26 | .19 | .46 | .32 | .15 | .19 | .17 | .21 |
| | | GM | .51 | .43 | .68 | .57 | .39 | .44 | .41 | .46 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .42 | .37 | .57 | .47 | .33 | .37 | .35 | .39 |
| | | GM | .65 | .61 | .76 | .69 | .58 | .61 | .59 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .05 | .02 | .11 | .07 | .01 | .03 | .02 | .03 |
| | | GM | .22 | .16 | .34 | .26 | .11 | .16 | .13 | .18 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.039 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5510500 Hadley Creek at Kinderhook

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .87 | .95 | .44 | .74 | .90 | .93 | .94 | .94 |
| | | GM | .93 | .96 | .66 | .86 | .95 | .96 | .96 | .96 |
| | ADULT | MIN | .10 | .08 | .12 | .11 | .07 | .08 | .08 | .09 |
| | | GM | .31 | .29 | .35 | .32 | .26 | .28 | .28 | .30 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .08 | .09 | .05 | .07 | .12 | .10 | .10 | .09 |
| | | GM | .27 | .30 | .20 | .25 | .34 | .32 | .31 | .29 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .01 | .03 | .02 | .01 | .01 | .01 | .02 |
| | | GM | .14 | .12 | .17 | .15 | .09 | .11 | .11 | .13 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .13 | .12 | .14 | .13 | .11 | .11 | .12 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | 1.00 | .98 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .04 | .06 | .05 | .03 | .04 | .04 | .04 |
| | | GM | .21 | .20 | .24 | .22 | .18 | .19 | .19 | .20 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .11 | .09 | .14 | .12 | .07 | .08 | .09 | .10 |
| | | GM | .28 | .26 | .33 | .30 | .23 | .25 | .25 | .27 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .12 | .09 | .18 | .14 | .05 | .07 | .08 | .10 |
| | | GM | .34 | .30 | .42 | .37 | .23 | .27 | .28 | .32 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .99 | .97 | 1.00 | 1.00 | .94 | .96 | .97 | .98 |
| | | GM | .99 | .99 | 1.00 | 1.00 | .97 | .98 | .98 | .99 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.040 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5512500 Bay Creek at Pittsfield

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .75 | .67 | .49 | .81 | .63 | .67 | .65 | .69 |
| | | GM | .85 | .81 | .66 | .82 | .80 | .82 | .81 | .83 |
| | ADULT | MIN | .05 | .04 | .06 | .05 | .04 | .04 | .04 | .04 |
| | | GM | .22 | .21 | .25 | .23 | .20 | .21 | .20 | .21 |
| 2 | JUVNL | MIN | .04 | .06 | .01 | .03 | .06 | .06 | .06 | .05 |
| | | GM | .20 | .23 | .09 | .17 | .25 | .23 | .24 | .23 |
| | ADULT | MIN | .15 | .17 | .12 | .14 | .19 | .17 | .18 | .17 |
| | | GM | .38 | .41 | .32 | .36 | .43 | .41 | .42 | .40 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .08 | .04 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .10 | .09 | .11 | .10 | .09 | .09 | .09 | .09 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .98 | .96 | .99 | .99 | .95 | .96 | .95 | .97 |
| | | GM | .99 | .98 | .99 | .99 | .97 | .98 | .98 | .98 |
| | ADULT | MIN | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .02 |
| | | GM | .16 | .15 | .18 | .17 | .15 | .15 | .15 | .15 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .05 | .05 | .07 | .06 | .05 | .05 | .05 | .05 |
| | | GM | .20 | .19 | .22 | .21 | .18 | .19 | .19 | .19 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .04 | .01 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .19 | .09 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .88 | .86 | .93 | .90 | .85 | .86 | .86 | .87 |
| | | GM | .94 | .93 | .96 | .95 | .92 | .93 | .93 | .93 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.041 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5513000 Bay Creek at Nebo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .44 | .66 | .15 | .30 | .92 | .73 | .81 | .57 |
| | | GM | .66 | .81 | .39 | .55 | .96 | .86 | .90 | .75 |
| | ADULT | MIN | .20 | .18 | .25 | .21 | .16 | .17 | .17 | .18 |
| | | GM | .44 | .42 | .47 | .46 | .40 | .42 | .41 | .43 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .03 | .02 | .02 | .04 | .03 | .04 | .03 |
| | | GM | .15 | .17 | .08 | .12 | .19 | .18 | .18 | .17 |
| 3 | JUVNL | MIN | .01 | .01 | .03 | .02 | .00 | .01 | .00 | .01 |
| | | GM | .12 | .09 | .18 | .14 | .02 | .08 | .07 | .10 |
| | ADULT | MIN | .07 | .06 | .09 | .08 | .05 | .05 | .05 | .06 |
| | | GM | .26 | .24 | .30 | .27 | .21 | .23 | .23 | .25 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .07 | .07 | .07 | .08 |
| | | GM | .16 | .16 | .18 | .17 | .15 | .15 | .15 | .16 |
| | ADULT | MIN | .07 | .06 | .10 | .08 | .04 | .05 | .05 | .06 |
| | | GM | .26 | .24 | .31 | .28 | .20 | .23 | .22 | .25 |
| 5 | JUVNL | MIN | .98 | .99 | .94 | .97 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .97 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .09 | .08 | .10 | .09 | .07 | .08 | .08 | .08 |
| | | GM | .29 | .28 | .31 | .30 | .27 | .28 | .28 | .29 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .22 | .20 | .27 | .23 | .18 | .19 | .19 | .20 |
| | | GM | .40 | .38 | .45 | .42 | .36 | .38 | .37 | .39 |
| 7 | JUVNL | MIN | .15 | .11 | .26 | .19 | .06 | .10 | .08 | .13 |
| | | GM | .39 | .33 | .50 | .43 | .24 | .31 | .29 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .33 | .29 | .42 | .36 | .24 | .28 | .27 | .31 |
| | | GM | .58 | .54 | .65 | .60 | .49 | .53 | .52 | .55 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .01 | .00 | .05 | .02 | .00 | .00 | .00 | .00 |
| | | GM | .11 | .00 | .21 | .15 | .00 | .00 | .00 | .04 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.042 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5520000 Singleton Ditch at Illinoi

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .46 | .90 | .34 | .83 | .62 | .51 | .56 | .41 |
| | | GM | .68 | .95 | .58 | .91 | .79 | .71 | .75 | .64 |
| | ADULT | MIN | .95 | .90 | .97 | .92 | .94 | .95 | .95 | .96 |
| | | GM | .98 | .95 | .98 | .96 | .97 | .97 | .97 | .98 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .97 | .95 | .98 | .96 | .97 | .97 | .97 | .97 |
| | | GM | .99 | .97 | .99 | .98 | .98 | .99 | .99 | .99 |
| | ADULT | MIN | .97 | .91 | .97 | .93 | .96 | .97 | .96 | .97 |
| | | GM | .98 | .95 | .99 | .96 | .98 | .98 | .98 | .98 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .23 | .22 | .22 | .22 | .22 | .22 |
| | ADULT | MIN | .23 | .20 | .23 | .21 | .22 | .23 | .22 | .23 |
| | | GM | .48 | .45 | .48 | .46 | .47 | .47 | .47 | .48 |
| 5 | JUVNL | MIN | .98 | .99 | .98 | .99 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .29 | .27 | .29 | .27 | .28 | .29 | .28 | .29 |
| | | GM | .54 | .52 | .54 | .52 | .53 | .53 | .53 | .54 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .74 | .68 | .75 | .70 | .72 | .74 | .73 | .75 |
| | | GM | .74 | .71 | .75 | .72 | .73 | .74 | .74 | .75 |
| 7 | JUVNL | MIN | .95 | .91 | .96 | .92 | .93 | .94 | .94 | .95 |
| | | GM | .97 | .95 | .98 | .96 | .97 | .97 | .97 | .97 |
| | ADULT | MIN | .94 | .87 | .95 | .89 | .92 | .94 | .93 | .95 |
| | | GM | .97 | .93 | .98 | .94 | .96 | .97 | .97 | .97 |
| 8 | JUVNL | MIN | .88 | .85 | .89 | .86 | .87 | .88 | .88 | .88 |
| | | GM | .94 | .92 | .94 | .93 | .93 | .94 | .94 | .94 |
| | ADULT | MIN | .17 | .11 | .18 | .13 | .15 | .16 | .16 | .17 |
| | | GM | .41 | .34 | .42 | .36 | .39 | .40 | .40 | .41 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .85 | .79 | .86 | .80 | .83 | .84 | .84 | .85 |
| | | GM | .92 | .89 | .93 | .90 | .91 | .92 | .91 | .92 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.043 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5520500 Kankakee River at Momence

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .03 | .22 | .01 | .17 | .06 | .04 | .04 | .02 |
| | | GM | .16 | .46 | .10 | .40 | .22 | .19 | .19 | .13 |
| | ADULT | MIN | .63 | .96 | .55 | .92 | .72 | .67 | .66 | .58 |
| | | GM | .79 | .98 | .74 | .96 | .85 | .82 | .82 | .76 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .96 | 1.00 | .94 | 1.00 | .97 | .96 | .96 | .95 |
| | | GM | .98 | 1.00 | .97 | 1.00 | .99 | .98 | .98 | .97 |
| | ADULT | MIN | .94 | 1.00 | .92 | .99 | .96 | .95 | .95 | .93 |
| | | GM | .97 | 1.00 | .96 | 1.00 | .98 | .97 | .97 | .96 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .08 | .09 | .09 | .09 |
| | | GM | .29 | .24 | .29 | .25 | .27 | .28 | .28 | .29 |
| | ADULT | MIN | .71 | .33 | .76 | .39 | .63 | .68 | .69 | .74 |
| | | GM | .82 | .57 | .84 | .62 | .78 | .80 | .81 | .83 |
| 5 | JUVNL | MIN | .84 | .96 | .80 | .95 | .88 | .86 | .86 | .82 |
| | | GM | .92 | .98 | .90 | .97 | .94 | .93 | .93 | .91 |
| | ADULT | MIN | .43 | .34 | .45 | .36 | .41 | .42 | .42 | .44 |
| | | GM | .62 | .58 | .62 | .59 | .61 | .61 | .62 | .62 |
| 6 | JUVNL | MIN | .91 | 1.00 | .87 | 1.00 | .94 | .92 | .92 | .89 |
| | | GM | .95 | 1.00 | .93 | 1.00 | .97 | .96 | .96 | .94 |
| | ADULT | MIN | .78 | .75 | .79 | .75 | .77 | .77 | .77 | .78 |
| | | GM | .88 | .82 | .89 | .83 | .87 | .87 | .88 | .88 |
| 7 | JUVNL | MIN | .98 | 1.00 | .97 | 1.00 | .98 | .98 | .98 | .97 |
| | | GM | .99 | 1.00 | .99 | 1.00 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .99 | .94 | 1.00 | .95 | .98 | .99 | .99 | 1.00 |
| | | GM | 1.00 | .97 | 1.00 | .98 | .99 | .99 | .99 | 1.00 |
| | ADULT | MIN | .49 | .30 | .53 | .33 | .45 | .47 | .48 | .51 |
| | | GM | .70 | .54 | .73 | .57 | .67 | .69 | .69 | .71 |
| 9 | JUVNL | MIN | .94 | 1.00 | .92 | 1.00 | .96 | .95 | .95 | .93 |
| | | GM | .95 | 1.00 | .93 | 1.00 | .97 | .96 | .96 | .94 |
| | ADULT | MIN | .88 | .97 | .84 | .98 | .92 | .90 | .90 | .86 |
| | | GM | .94 | .98 | .92 | .99 | .96 | .95 | .95 | .93 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.044 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5525000 Iroquois River at Iroquois

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .37 | .73 | .27 | .58 | .64 | .50 | .53 | .34 |
| | | GM | .61 | .85 | .52 | .76 | .80 | .71 | .73 | .58 |
| | ADULT | MIN | .94 | .76 | .99 | .83 | .81 | .88 | .86 | .95 |
| | | GM | .97 | .87 | .99 | .91 | .90 | .94 | .93 | .98 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .97 | .68 | .99 | .89 | .86 | .93 | .93 | .97 |
| | | GM | .99 | .82 | .99 | .95 | .93 | .97 | .96 | .99 |
| | ADULT | MIN | .96 | .41 | .99 | .62 | .54 | .81 | .75 | .97 |
| | | GM | .98 | .64 | .99 | .79 | .73 | .90 | .86 | .98 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .23 | .21 | .21 | .22 | .21 | .22 |
| | ADULT | MIN | .22 | .17 | .27 | .19 | .18 | .20 | .19 | .23 |
| | | GM | .47 | .42 | .52 | .43 | .43 | .44 | .44 | .48 |
| 5 | JUVNL | MIN | .98 | .99 | .97 | .99 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .28 | .22 | .32 | .24 | .23 | .26 | .25 | .29 |
| | | GM | .53 | .47 | .56 | .49 | .48 | .51 | .50 | .54 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .73 | .56 | .75 | .62 | .60 | .66 | .64 | .75 |
| | | GM | .74 | .65 | .79 | .68 | .67 | .70 | .69 | .75 |
| 7 | JUVNL | MIN | .94 | .80 | .98 | .85 | .84 | .89 | .88 | .95 |
| | | GM | .97 | .89 | .99 | .92 | .91 | .94 | .94 | .97 |
| | ADULT | MIN | .93 | .59 | .99 | .77 | .71 | .83 | .81 | .94 |
| | | GM | .96 | .77 | .99 | .87 | .84 | .91 | .90 | .97 |
| 8 | JUVNL | MIN | .87 | .77 | .91 | .81 | .80 | .84 | .83 | .88 |
| | | GM | .93 | .88 | .96 | .90 | .89 | .91 | .91 | .94 |
| | ADULT | MIN | .15 | .00 | .23 | .05 | .03 | .09 | .08 | .17 |
| | | GM | .39 | .00 | .48 | .22 | .18 | .30 | .28 | .41 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .83 | .57 | .92 | .69 | .66 | .75 | .73 | .85 |
| | | GM | .91 | .76 | .96 | .83 | .81 | .87 | .85 | .92 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.045 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5525500 Sugar Creek at Milford

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .29 | .61 | .14 | .38 | .52 | .38 | .44 | .28 |
| | | GM | .54 | .78 | .38 | .61 | .72 | .61 | .67 | .53 |
| | ADULT | MIN | .46 | .38 | .54 | .42 | .40 | .42 | .41 | .46 |
| | | GM | .68 | .62 | .70 | .65 | .63 | .65 | .64 | .68 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .01 | .01 | .01 | .01 | .00 |
| | | GM | .05 | .08 | .03 | .07 | .07 | .07 | .07 | .05 |
| 3 | JUVNL | MIN | .11 | .07 | .16 | .10 | .08 | .10 | .09 | .11 |
| | | GM | .34 | .27 | .40 | .31 | .29 | .31 | .30 | .34 |
| | ADULT | MIN | .18 | .15 | .22 | .17 | .15 | .17 | .16 | .18 |
| | | GM | .43 | .38 | .46 | .41 | .39 | .41 | .40 | .43 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .20 | .19 | .19 | .19 | .19 | .20 |
| | ADULT | MIN | .14 | .12 | .15 | .13 | .13 | .13 | .13 | .14 |
| | | GM | .37 | .35 | .38 | .36 | .36 | .36 | .36 | .37 |
| 5 | JUVNL | MIN | .97 | .99 | .94 | .98 | .99 | .98 | .98 | .97 |
| | | GM | .99 | 1.00 | .97 | .99 | .99 | .99 | .99 | .98 |
| | ADULT | MIN | .16 | .13 | .17 | .15 | .14 | .15 | .15 | .16 |
| | | GM | .40 | .37 | .41 | .39 | .37 | .39 | .38 | .40 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .41 | .36 | .44 | .39 | .37 | .39 | .38 | .41 |
| | | GM | .55 | .52 | .58 | .54 | .53 | .54 | .53 | .55 |
| 7 | JUVNL | MIN | .58 | .47 | .65 | .54 | .50 | .54 | .52 | .58 |
| | | GM | .76 | .69 | .80 | .73 | .71 | .73 | .72 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .64 | .58 | .69 | .62 | .60 | .62 | .61 | .64 |
| | | GM | .80 | .76 | .83 | .79 | .77 | .79 | .78 | .80 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .19 | .12 | .26 | .16 | .14 | .16 | .15 | .19 |
| | | GM | .43 | .35 | .51 | .40 | .37 | .40 | .39 | .43 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.046 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5526000 Iroquois River near Chebanse

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .88 | .99 | .69 | .97 | .97 | .94 | .93 | .78 |
| | | GM | .94 | .99 | .83 | .98 | .99 | .97 | .96 | .88 |
| | ADULT | MIN | .84 | .81 | .86 | .82 | .82 | .83 | .84 | .85 |
| | | GM | .92 | .90 | .93 | .91 | .91 | .91 | .92 | .92 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .91 | .86 | .93 | .88 | .87 | .90 | .90 | .92 |
| | | GM | .96 | .93 | .96 | .94 | .93 | .95 | .95 | .96 |
| | ADULT | MIN | .67 | .52 | .75 | .59 | .56 | .63 | .65 | .71 |
| | | GM | .82 | .72 | .87 | .77 | .75 | .79 | .81 | .84 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .21 | .21 | .21 | .21 | .21 | .21 | .21 | .21 |
| | ADULT | MIN | .19 | .18 | .19 | .19 | .18 | .19 | .19 | .19 |
| | | GM | .43 | .43 | .44 | .43 | .43 | .43 | .43 | .44 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .25 | .23 | .25 | .24 | .24 | .24 | .24 | .25 |
| | | GM | .50 | .48 | .50 | .49 | .49 | .49 | .49 | .50 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .63 | .60 | .65 | .61 | .61 | .62 | .62 | .64 |
| | | GM | .68 | .66 | .69 | .67 | .67 | .68 | .68 | .69 |
| 7 | JUVNL | MIN | .87 | .83 | .88 | .85 | .84 | .86 | .86 | .87 |
| | | GM | .93 | .91 | .94 | .92 | .92 | .93 | .93 | .93 |
| | ADULT | MIN | .78 | .70 | .81 | .75 | .73 | .77 | .77 | .80 |
| | | GM | .88 | .84 | .90 | .86 | .86 | .88 | .88 | .89 |
| 8 | JUVNL | MIN | .82 | .80 | .83 | .81 | .80 | .81 | .81 | .82 |
| | | GM | .90 | .89 | .91 | .90 | .90 | .90 | .90 | .91 |
| | ADULT | MIN | .06 | .03 | .08 | .04 | .04 | .05 | .06 | .07 |
| | | GM | .25 | .17 | .28 | .21 | .20 | .23 | .24 | .26 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .70 | .65 | .73 | .68 | .67 | .69 | .70 | .72 |
| | | GM | .84 | .81 | .86 | .82 | .82 | .83 | .83 | .85 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.047 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5526500 Terry Creek near Custer Park

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .34 | .27 | .47 | .33 | .28 | .34 | .34 | .40 |
| | | GM | .46 | .41 | .54 | .46 | .43 | .46 | .46 | .50 |
| | ADULT | MIN | .01 | .01 | .03 | .01 | .01 | .01 | .01 | .02 |
| | | GM | .12 | .09 | .16 | .11 | .10 | .12 | .12 | .14 |
| 2 | JUVNL | MIN | .14 | .18 | .10 | .15 | .17 | .14 | .15 | .13 |
| | | GM | .37 | .41 | .32 | .38 | .41 | .37 | .38 | .35 |
| | ADULT | MIN | .42 | .86 | .27 | .46 | .82 | .42 | .44 | .33 |
| | | GM | .61 | .88 | .49 | .64 | .86 | .61 | .63 | .54 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .03 | .00 | .07 | .03 | .01 | .03 | .03 | .05 |
| | | GM | .05 | .02 | .07 | .05 | .03 | .05 | .05 | .06 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .68 | .47 | .86 | .63 | .51 | .68 | .66 | .80 |
| | | GM | .82 | .68 | .92 | .79 | .71 | .82 | .81 | .89 |
| | ADULT | MIN | .01 | .00 | .01 | .01 | .00 | .01 | .01 | .01 |
| | | GM | .08 | .03 | .12 | .07 | .05 | .08 | .08 | .10 |
| 6 | JUVNL | MIN | .69 | .53 | .96 | .66 | .57 | .69 | .67 | .81 |
| | | GM | .83 | .73 | .98 | .81 | .75 | .83 | .82 | .90 |
| | ADULT | MIN | .01 | .00 | .03 | .01 | .00 | .01 | .01 | .02 |
| | | GM | .10 | .04 | .15 | .09 | .06 | .10 | .10 | .13 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .68 | .56 | .77 | .65 | .58 | .68 | .67 | .72 |
| | | GM | .83 | .75 | .88 | .81 | .76 | .83 | .82 | .85 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.048 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5527000 Kankakee River at Custer Park

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .15 | .22 | .12 | .21 | .16 | .15 | .15 | .12 |
| | | GM | .16 | .36 | .13 | .32 | .20 | .17 | .17 | .13 |
| | ADULT | MIN | .65 | .76 | .63 | .74 | .68 | .67 | .66 | .63 |
| | | GM | .78 | .87 | .74 | .86 | .82 | .79 | .79 | .74 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .21 | .22 | .21 | .22 | .21 | .21 | .21 | .21 |
| | ADULT | MIN | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .98 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| 5 | JUVNL | MIN | .95 | .99 | .93 | .99 | .96 | .95 | .95 | .93 |
| | | GM | .97 | 1.00 | .96 | .99 | .98 | .98 | .98 | .96 |
| | ADULT | MIN | .91 | .83 | .93 | .84 | .90 | .91 | .91 | .93 |
| | | GM | .94 | .91 | .94 | .92 | .94 | .94 | .94 | .94 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .75 | .74 | .76 | .74 | .75 | .75 | .75 | .76 |
| | | GM | .87 | .86 | .87 | .86 | .87 | .87 | .87 | .87 |
| 7 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .97 | .93 | .98 | .94 | .97 | .97 | .97 | .98 |
| | | GM | .99 | .97 | .99 | .97 | .98 | .99 | .99 | .99 |
| 9 | JUVNL | MIN | .41 | .48 | .39 | .47 | .42 | .41 | .41 | .39 |
| | | GM | .64 | .69 | .62 | .68 | .65 | .64 | .64 | .62 |
| | ADULT | MIN | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .98 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.049 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5527500 Kankakee River near Wilmington

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .11 | .32 | .08 | .28 | .14 | .11 | .11 | .08 |
| | | GM | .31 | .54 | .26 | .51 | .36 | .31 | .31 | .27 |
| | ADULT | MIN | .85 | 1.00 | .79 | 1.00 | .90 | .86 | .86 | .80 |
| | | GM | .92 | 1.00 | .89 | 1.00 | .95 | .93 | .93 | .89 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .99 | 1.00 | .98 | 1.00 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .98 | 1.00 | .97 | 1.00 | .99 | .98 | .98 | .97 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .27 | .25 | .28 | .25 | .27 | .27 | .27 | .28 |
| | ADULT | MIN | .64 | .44 | .69 | .48 | .59 | .63 | .63 | .68 |
| | | GM | .79 | .67 | .82 | .70 | .77 | .79 | .79 | .81 |
| 5 | JUVNL | MIN | .92 | .97 | .90 | .97 | .94 | .93 | .93 | .91 |
| | | GM | .96 | .99 | .95 | .98 | .97 | .96 | .96 | .95 |
| | ADULT | MIN | .41 | .37 | .42 | .38 | .40 | .41 | .41 | .42 |
| | | GM | .62 | .61 | .63 | .61 | .62 | .62 | .62 | .63 |
| 6 | JUVNL | MIN | .98 | 1.00 | .96 | 1.00 | 1.00 | .98 | .98 | .97 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | .99 | .99 | .98 |
| | ADULT | MIN | .76 | .75 | .76 | .75 | .75 | .76 | .76 | .76 |
| | | GM | .86 | .83 | .87 | .84 | .86 | .86 | .86 | .87 |
| 7 | JUVNL | MIN | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .98 | .96 | .99 | .96 | .98 | .98 | .98 | .99 |
| | | GM | .99 | .98 | .99 | .98 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .45 | .35 | .48 | .37 | .43 | .45 | .45 | .47 |
| | | GM | .67 | .59 | .69 | .61 | .65 | .67 | .67 | .69 |
| 9 | JUVNL | MIN | .96 | 1.00 | .95 | .99 | .97 | .96 | .96 | .95 |
| | | GM | .97 | 1.00 | .96 | .99 | .98 | .97 | .97 | .96 |
| | ADULT | MIN | .97 | 1.00 | .95 | 1.00 | .98 | .97 | .97 | .95 |
| | | GM | .98 | 1.00 | .97 | 1.00 | .99 | .99 | .99 | .98 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.050 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5529000 Des Plaines River near Des Plaines

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .41 | .46 | .37 | .43 | .49 | .45 | .48 | .43 |
| | | GM | .64 | .68 | .61 | .65 | .70 | .67 | .70 | .65 |
| | ADULT | MIN | .35 | .30 | .39 | .33 | .28 | .31 | .29 | .33 |
| | | GM | .59 | .55 | .62 | .57 | .53 | .56 | .54 | .57 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .09 | .07 | .09 | .11 | .09 | .10 | .09 |
| 3 | JUVNL | MIN | .06 | .05 | .08 | .05 | .04 | .05 | .04 | .05 |
| | | GM | .24 | .22 | .28 | .23 | .20 | .22 | .21 | .23 |
| | ADULT | MIN | .14 | .11 | .15 | .12 | .10 | .12 | .11 | .12 |
| | | GM | .37 | .33 | .39 | .35 | .32 | .34 | .33 | .35 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .19 | .18 | .18 | .18 | .18 | .18 |
| | ADULT | MIN | .12 | .11 | .13 | .11 | .11 | .11 | .11 | .11 |
| | | GM | .35 | .33 | .35 | .34 | .33 | .33 | .33 | .34 |
| 5 | JUVNL | MIN | .98 | .98 | .98 | .98 | .99 | .98 | .99 | .98 |
| | | GM | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .13 | .11 | .14 | .12 | .11 | .12 | .11 | .12 |
| | | GM | .36 | .34 | .37 | .34 | .33 | .34 | .33 | .34 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .34 | .31 | .37 | .33 | .29 | .31 | .30 | .33 |
| | | GM | .51 | .48 | .52 | .49 | .47 | .48 | .47 | .49 |
| 7 | JUVNL | MIN | .43 | .35 | .48 | .39 | .32 | .37 | .33 | .39 |
| | | GM | .66 | .59 | .69 | .62 | .56 | .60 | .58 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .56 | .49 | .59 | .53 | .47 | .51 | .48 | .53 |
| | | GM | .75 | .70 | .77 | .73 | .68 | .71 | .69 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .07 | .13 | .09 | .06 | .08 | .07 | .09 |
| | | GM | .32 | .27 | .36 | .29 | .25 | .28 | .26 | .29 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.051 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5531000 Salt Creek near Arlington Heights

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .77 | .66 | .52 | .77 | .60 | .70 | .64 | .76 |
| | | GM | .78 | .78 | .68 | .78 | .76 | .79 | .78 | .78 |
| | ADULT | MIN | .05 | .04 | .06 | .05 | .04 | .05 | .04 | .05 |
| | | GM | .23 | .21 | .25 | .23 | .19 | .21 | .20 | .22 |
| 2 | JUVNL | MIN | .04 | .06 | .01 | .04 | .07 | .05 | .06 | .04 |
| | | GM | .19 | .24 | .08 | .19 | .26 | .22 | .25 | .20 |
| | ADULT | MIN | .14 | .18 | .12 | .14 | .20 | .16 | .19 | .15 |
| | | GM | .37 | .41 | .32 | .37 | .44 | .39 | .42 | .37 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .08 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .10 | .09 | .11 | .10 | .09 | .09 | .09 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .98 | .96 | .99 | .98 | .94 | .97 | .95 | .98 |
| | | GM | .99 | .97 | .99 | .99 | .97 | .98 | .97 | .99 |
| | ADULT | MIN | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .03 |
| | | GM | .16 | .15 | .18 | .16 | .14 | .15 | .15 | .16 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .06 | .05 | .07 | .06 | .04 | .05 | .05 | .05 |
| | | GM | .20 | .19 | .22 | .20 | .18 | .19 | .18 | .20 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .20 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .89 | .86 | .93 | .89 | .84 | .87 | .85 | .88 |
| | | GM | .94 | .93 | .96 | .94 | .92 | .93 | .92 | .94 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.052 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5531500 Salt Creek at Western Springs

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .22 | .34 | .18 | .29 | .40 | .31 | .31 | .27 |
| | | GM | .47 | .58 | .42 | .53 | .63 | .55 | .55 | .52 |
| | ADULT | MIN | .30 | .26 | .31 | .28 | .25 | .27 | .27 | .28 |
| | | GM | .54 | .51 | .54 | .53 | .50 | .52 | .52 | .53 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .01 |
| | | GM | .07 | .11 | .06 | .09 | .12 | .10 | .10 | .08 |
| 3 | JUVNL | MIN | .05 | .04 | .05 | .04 | .03 | .04 | .04 | .04 |
| | | GM | .21 | .19 | .22 | .20 | .18 | .19 | .20 | .20 |
| | ADULT | MIN | .11 | .09 | .12 | .10 | .09 | .10 | .10 | .10 |
| | | GM | .33 | .31 | .34 | .32 | .30 | .31 | .31 | .32 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .18 | .18 | .19 | .18 | .17 | .18 | .18 | .18 |
| | ADULT | MIN | .11 | .10 | .11 | .11 | .10 | .10 | .10 | .11 |
| | | GM | .33 | .32 | .33 | .32 | .31 | .32 | .32 | .33 |
| 5 | JUVNL | MIN | .96 | .98 | .95 | .97 | .98 | .97 | .97 | .97 |
| | | GM | .98 | .99 | .98 | .98 | .99 | .99 | .99 | .98 |
| | ADULT | MIN | .11 | .10 | .12 | .11 | .10 | .11 | .11 | .11 |
| | | GM | .33 | .32 | .34 | .33 | .32 | .33 | .33 | .33 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .31 | .28 | .32 | .29 | .27 | .28 | .29 | .29 |
| | | GM | .48 | .45 | .49 | .47 | .45 | .46 | .46 | .47 |
| 7 | JUVNL | MIN | .34 | .28 | .37 | .31 | .26 | .30 | .30 | .32 |
| | | GM | .59 | .53 | .61 | .56 | .51 | .54 | .55 | .57 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .49 | .44 | .51 | .47 | .43 | .45 | .46 | .47 |
| | | GM | .70 | .66 | .71 | .68 | .65 | .67 | .68 | .69 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .07 | .05 | .08 | .06 | .05 | .06 | .06 | .07 |
| | | GM | .27 | .23 | .28 | .25 | .22 | .24 | .25 | .26 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.053 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5532000 Addison Creek at Bellwood

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .50 | .66 | .28 | .69 | .54 | .64 | .62 | .72 |
| | | GM | .66 | .77 | .51 | .74 | .73 | .76 | .76 | .75 |
| | ADULT | MIN | .06 | .04 | .07 | .05 | .03 | .04 | .04 | .05 |
| | | GM | .24 | .21 | .27 | .23 | .18 | .20 | .20 | .22 |
| 2 | JUVNL | MIN | .02 | .06 | .00 | .04 | .08 | .06 | .06 | .05 |
| | | GM | .13 | .24 | .00 | .19 | .29 | .25 | .25 | .22 |
| | ADULT | MIN | .13 | .18 | .11 | .14 | .23 | .19 | .19 | .16 |
| | | GM | .33 | .41 | .25 | .36 | .47 | .42 | .43 | .38 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .06 | .00 | .10 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .07 | .07 | .07 |
| | | GM | .11 | .09 | .12 | .10 | .08 | .09 | .09 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | .96 | .97 | .98 | .91 | .95 | .94 | .97 |
| | | GM | .99 | .97 | .98 | .99 | .95 | .97 | .97 | .98 |
| | ADULT | MIN | .03 | .02 | .04 | .03 | .02 | .02 | .02 | .02 |
| | | GM | .17 | .15 | .19 | .16 | .13 | .15 | .15 | .16 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .06 | .05 | .08 | .06 | .04 | .05 | .04 | .05 |
| | | GM | .22 | .19 | .24 | .20 | .17 | .18 | .18 | .20 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .02 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .15 | .00 | .25 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .91 | .86 | .95 | .89 | .82 | .85 | .85 | .87 |
| | | GM | .96 | .93 | .98 | .94 | .90 | .92 | .92 | .94 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.054 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5532500 Des Plaines River at Riverside

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .28 | .69 | .11 | .40 | .82 | .58 | .71 | .50 |
| | | GM | .53 | .83 | .33 | .63 | .91 | .76 | .84 | .71 |
| | ADULT | MIN | .74 | .59 | .84 | .69 | .54 | .62 | .58 | .65 |
| | | GM | .86 | .77 | .85 | .83 | .74 | .79 | .76 | .80 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .03 | .00 | .00 | .05 | .02 | .04 | .00 |
| 3 | JUVNL | MIN | .62 | .19 | .90 | .40 | .16 | .21 | .18 | .25 |
| | | GM | .79 | .44 | .94 | .64 | .40 | .46 | .43 | .50 |
| | ADULT | MIN | .38 | .24 | .65 | .31 | .22 | .26 | .23 | .28 |
| | | GM | .62 | .49 | .80 | .56 | .47 | .51 | .48 | .53 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .21 | .20 | .22 | .21 | .20 | .20 | .20 | .20 |
| | ADULT | MIN | .17 | .15 | .19 | .17 | .15 | .16 | .15 | .16 |
| | | GM | .42 | .39 | .43 | .41 | .38 | .40 | .39 | .40 |
| 5 | JUVNL | MIN | .97 | .99 | .92 | .98 | .99 | .99 | .99 | .99 |
| | | GM | .98 | 1.00 | .96 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .22 | .19 | .24 | .21 | .17 | .19 | .18 | .20 |
| | | GM | .46 | .43 | .48 | .45 | .42 | .44 | .43 | .44 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .55 | .47 | .62 | .52 | .45 | .49 | .46 | .50 |
| | | GM | .64 | .59 | .69 | .62 | .57 | .60 | .59 | .61 |
| 7 | JUVNL | MIN | .79 | .69 | .86 | .76 | .65 | .71 | .68 | .73 |
| | | GM | .89 | .83 | .92 | .87 | .81 | .85 | .83 | .86 |
| | ADULT | MIN | .53 | .02 | .77 | .31 | .00 | .08 | .00 | .15 |
| | | GM | .73 | .13 | .88 | .56 | .00 | .29 | .00 | .39 |
| 8 | JUVNL | MIN | .77 | .71 | .81 | .75 | .69 | .72 | .71 | .73 |
| | | GM | .88 | .84 | .90 | .86 | .83 | .85 | .84 | .86 |
| | ADULT | MIN | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .24 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .55 | .31 | .70 | .46 | .26 | .36 | .30 | .40 |
| | | GM | .74 | .56 | .82 | .68 | .51 | .60 | .55 | .63 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.055 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5533000 Flag Creek near Willow Springs

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .23 | .48 | .17 | .40 | .30 | .28 | .30 | .28 |
| | | GM | .45 | .58 | .40 | .55 | .50 | .49 | .50 | .49 |
| | ADULT | MIN | .06 | .04 | .07 | .05 | .06 | .06 | .06 | .06 |
| | | GM | .25 | .21 | .25 | .22 | .23 | .24 | .23 | .24 |
| 2 | JUVNL | MIN | .01 | .05 | .00 | .04 | .03 | .02 | .03 | .02 |
| | | GM | .09 | .22 | .00 | .20 | .16 | .14 | .16 | .14 |
| | ADULT | MIN | .12 | .17 | .11 | .15 | .14 | .13 | .14 | .13 |
| | | GM | .24 | .38 | .20 | .35 | .29 | .27 | .29 | .27 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .07 | .00 | .09 | .00 | .04 | .06 | .04 | .06 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .11 | .09 | .12 | .10 | .10 | .11 | .10 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .96 | .96 | .95 | .98 | .97 | .97 | .97 | .97 |
| | | GM | .98 | .97 | .97 | .98 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .18 | .15 | .18 | .16 | .17 | .17 | .17 | .17 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .07 | .05 | .07 | .05 | .06 | .06 | .06 | .06 |
| | | GM | .22 | .19 | .24 | .20 | .21 | .22 | .21 | .22 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .04 | .00 | .05 | .00 | .01 | .02 | .01 | .02 |
| | | GM | .19 | .00 | .23 | .00 | .11 | .14 | .11 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .93 | .87 | .95 | .88 | .90 | .91 | .90 | .91 |
| | | GM | .96 | .93 | .97 | .94 | .95 | .95 | .95 | .95 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.056 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5533500 Des Plaines River at Lemont

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .52 | .44 | .60 | .49 | .44 | .49 | .50 | .55 |
| | | GM | .72 | .66 | .77 | .70 | .67 | .70 | .71 | .74 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .07 | .03 | .06 | .07 | .06 | .06 | .05 |
| 3 | JUVNL | MIN | .15 | .10 | .19 | .13 | .11 | .13 | .13 | .16 |
| | | GM | .38 | .32 | .44 | .36 | .33 | .36 | .36 | .40 |
| | ADULT | MIN | .21 | .17 | .24 | .20 | .18 | .20 | .20 | .22 |
| | | GM | .46 | .42 | .49 | .44 | .42 | .44 | .45 | .47 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .19 | .19 | .20 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .15 | .13 | .15 | .14 | .14 | .14 | .14 | .15 |
| | | GM | .38 | .37 | .39 | .38 | .37 | .38 | .38 | .39 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .17 | .15 | .19 | .16 | .15 | .16 | .17 | .18 |
| | | GM | .41 | .39 | .43 | .40 | .39 | .40 | .41 | .42 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .44 | .40 | .47 | .42 | .40 | .42 | .43 | .45 |
| | | GM | .57 | .54 | .59 | .56 | .54 | .56 | .56 | .57 |
| 7 | JUVNL | MIN | .64 | .56 | .69 | .61 | .56 | .61 | .62 | .65 |
| | | GM | .80 | .75 | .83 | .78 | .75 | .78 | .79 | .81 |
| | ADULT | MIN | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .17 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .68 | .63 | .71 | .66 | .63 | .66 | .67 | .69 |
| | | GM | .82 | .79 | .84 | .81 | .80 | .81 | .82 | .83 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .25 | .17 | .32 | .21 | .18 | .21 | .22 | .27 |
| | | GM | .50 | .42 | .56 | .46 | .42 | .46 | .47 | .52 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.057 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5535000 Skokie River at Lake Forest

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .26 | .41 | .20 | .44 | .44 | .35 | .43 | .33 |
| | | GM | .38 | .48 | .34 | .47 | .45 | .41 | .44 | .40 |
| | ADULT | MIN | .03 | .02 | .04 | .02 | .02 | .03 | .02 | .03 |
| | | GM | .17 | .14 | .18 | .15 | .16 | .16 | .16 | .16 |
| 2 | JUVNL | MIN | .08 | .12 | .07 | .11 | .11 | .10 | .11 | .10 |
| | | GM | .28 | .34 | .26 | .33 | .32 | .30 | .32 | .30 |
| | ADULT | MIN | .23 | .31 | .21 | .29 | .28 | .26 | .28 | .26 |
| | | GM | .34 | .52 | .29 | .50 | .48 | .45 | .48 | .44 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .08 | .05 | .08 | .06 | .07 | .07 | .07 | .07 |
| | | GM | .08 | .06 | .09 | .07 | .07 | .08 | .07 | .08 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .91 | .81 | .93 | .83 | .85 | .87 | .85 | .87 |
| | | GM | .94 | .90 | .94 | .91 | .91 | .92 | .91 | .92 |
| | ADULT | MIN | .02 | .01 | .02 | .01 | .01 | .02 | .01 | .02 |
| | | GM | .13 | .11 | .14 | .11 | .12 | .12 | .12 | .12 |
| 6 | JUVNL | MIN | .98 | .85 | 1.00 | .91 | .95 | .96 | .95 | .96 |
| | | GM | .99 | .92 | 1.00 | .95 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .04 | .02 | .04 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .17 | .13 | .18 | .14 | .15 | .15 | .15 | .15 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .81 | .73 | .84 | .75 | .76 | .78 | .76 | .78 |
| | | GM | .90 | .86 | .91 | .87 | .87 | .88 | .87 | .88 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.058 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .29 | .33 | .19 | .37 | .31 | .35 | .31 | .35 |
| | | GM | .36 | .46 | .31 | .42 | .48 | .44 | .48 | .44 |
| | ADULT | MIN | .02 | .01 | .03 | .02 | .01 | .02 | .01 | .02 |
| | | GM | .15 | .12 | .16 | .13 | .11 | .12 | .11 | .12 |
| 2 | JUVNL | MIN | .11 | .15 | .09 | .13 | .16 | .14 | .16 | .14 |
| | | GM | .32 | .38 | .28 | .36 | .39 | .37 | .39 | .37 |
| | ADULT | MIN | .28 | .45 | .25 | .38 | .49 | .41 | .49 | .41 |
| | | GM | .41 | .64 | .31 | .56 | .67 | .60 | .67 | .60 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .06 | .03 | .08 | .04 | .02 | .03 | .02 | .03 |
| | | GM | .07 | .05 | .08 | .06 | .04 | .05 | .04 | .05 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .84 | .64 | .89 | .74 | .59 | .69 | .59 | .69 |
| | | GM | .90 | .80 | .92 | .85 | .77 | .83 | .77 | .83 |
| | ADULT | MIN | .01 | .01 | .02 | .01 | .00 | .01 | .00 | .01 |
| | | GM | .11 | .08 | .13 | .09 | .07 | .08 | .07 | .08 |
| 6 | JUVNL | MIN | .94 | .66 | .97 | .73 | .63 | .70 | .63 | .70 |
| | | GM | .97 | .81 | .99 | .86 | .79 | .83 | .79 | .83 |
| | ADULT | MIN | .03 | .01 | .03 | .02 | .01 | .01 | .01 | .01 |
| | | GM | .14 | .09 | .16 | .11 | .08 | .10 | .08 | .10 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .76 | .66 | .80 | .70 | .63 | .68 | .63 | .68 |
| | | GM | .87 | .81 | .89 | .84 | .79 | .83 | .79 | .83 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.059 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536000 North Branch Chicago River at Niles

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .39 | .77 | .19 | .50 | .73 | .58 | .67 | .52 |
| | | GM | .62 | .88 | .43 | .71 | .86 | .76 | .82 | .72 |
| | ADULT | MIN | .26 | .18 | .36 | .23 | .19 | .21 | .20 | .22 |
| | | GM | .51 | .43 | .58 | .48 | .43 | .46 | .44 | .47 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .03 | .01 | .02 | .03 | .03 | .03 | .02 |
| | | GM | .12 | .17 | .05 | .14 | .17 | .15 | .16 | .14 |
| 3 | JUVNL | MIN | .03 | .01 | .06 | .03 | .01 | .02 | .02 | .02 |
| | | GM | .19 | .10 | .25 | .16 | .11 | .14 | .12 | .15 |
| | ADULT | MIN | .09 | .06 | .14 | .08 | .06 | .07 | .07 | .08 |
| | | GM | .31 | .24 | .37 | .29 | .25 | .27 | .26 | .28 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .08 | .08 |
| | | GM | .18 | .16 | .19 | .17 | .16 | .16 | .16 | .17 |
| | ADULT | MIN | .10 | .06 | .12 | .09 | .06 | .08 | .07 | .08 |
| | | GM | .32 | .24 | .35 | .30 | .25 | .28 | .26 | .29 |
| 5 | JUVNL | MIN | .98 | .99 | .96 | .99 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .98 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .10 | .08 | .13 | .10 | .08 | .09 | .09 | .09 |
| | | GM | .32 | .29 | .35 | .31 | .29 | .30 | .30 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .28 | .20 | .35 | .25 | .21 | .23 | .22 | .24 |
| | | GM | .45 | .38 | .51 | .43 | .39 | .42 | .40 | .43 |
| 7 | JUVNL | MIN | .28 | .12 | .44 | .22 | .14 | .18 | .16 | .20 |
| | | GM | .53 | .35 | .66 | .47 | .37 | .43 | .39 | .45 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .44 | .30 | .56 | .39 | .32 | .36 | .34 | .38 |
| | | GM | .66 | .55 | .75 | .63 | .56 | .60 | .58 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .05 | .00 | .11 | .04 | .00 | .02 | .01 | .03 |
| | | GM | .23 | .00 | .32 | .19 | .07 | .15 | .11 | .17 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.060 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536215 Thorn Creek at Glenwood

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .03 | .15 | .02 | .12 | .07 | .06 | .07 | .05 |
| | | GM | .19 | .37 | .14 | .34 | .26 | .24 | .25 | .22 |
| | ADULT | MIN | .11 | .07 | .12 | .07 | .09 | .10 | .10 | .10 |
| | | GM | .27 | .25 | .27 | .25 | .27 | .27 | .27 | .27 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .06 | .12 | .05 | .11 | .08 | .07 | .08 | .07 |
| | | GM | .12 | .20 | .11 | .19 | .15 | .14 | .15 | .14 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .01 | .03 | .01 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .09 | .16 | .10 | .13 | .14 | .13 | .14 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .08 | .08 | .08 | .09 |
| | | GM | .14 | .12 | .15 | .12 | .13 | .14 | .13 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .84 | .94 | .82 | .93 | .89 | .88 | .89 | .87 |
| | | GM | .92 | .97 | .90 | .97 | .94 | .94 | .94 | .93 |
| | ADULT | MIN | .05 | .03 | .06 | .04 | .04 | .05 | .04 | .05 |
| | | GM | .22 | .18 | .23 | .18 | .20 | .21 | .20 | .21 |
| 6 | JUVNL | MIN | .91 | 1.00 | .89 | .99 | .95 | .94 | .95 | .93 |
| | | GM | .95 | 1.00 | .94 | 1.00 | .98 | .97 | .97 | .97 |
| | ADULT | MIN | .13 | .07 | .14 | .08 | .10 | .11 | .11 | .12 |
| | | GM | .32 | .23 | .33 | .24 | .28 | .29 | .29 | .30 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .16 | .05 | .18 | .06 | .11 | .13 | .12 | .13 |
| | | GM | .39 | .22 | .42 | .25 | .34 | .36 | .34 | .36 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .96 | .94 | .96 | .95 | .97 | .97 | .97 | .97 |
| | | GM | .98 | .97 | .98 | .97 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.061 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536235 Deer Creek near Chicago Heights

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .63 | .56 | .31 | .61 | .57 | .63 | .61 | .58 |
| | | GM | .63 | .72 | .48 | .66 | .70 | .65 | .67 | .61 |
| | ADULT | MIN | .04 | .03 | .05 | .04 | .04 | .04 | .04 | .04 |
| | | GM | .20 | .18 | .22 | .20 | .19 | .20 | .20 | .20 |
| 2 | JUVNL | MIN | .06 | .08 | .05 | .07 | .07 | .06 | .07 | .06 |
| | | GM | .25 | .28 | .21 | .26 | .27 | .25 | .26 | .24 |
| | ADULT | MIN | .19 | .22 | .16 | .20 | .21 | .19 | .20 | .18 |
| | | GM | .42 | .46 | .32 | .43 | .45 | .42 | .43 | .40 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .08 | .07 | .08 |
| | | GM | .09 | .08 | .10 | .09 | .08 | .09 | .09 | .09 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .95 | .92 | .97 | .94 | .93 | .95 | .94 | .95 |
| | | GM | .97 | .96 | .97 | .97 | .96 | .97 | .97 | .97 |
| | ADULT | MIN | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .14 | .16 | .14 | .14 | .15 | .14 | .15 |
| 6 | JUVNL | MIN | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .05 | .04 | .05 | .04 | .04 | .05 | .04 | .05 |
| | | GM | .18 | .17 | .20 | .18 | .17 | .18 | .18 | .19 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .85 | .83 | .88 | .85 | .83 | .85 | .85 | .86 |
| | | GM | .92 | .91 | .94 | .92 | .91 | .92 | .92 | .93 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.062 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536255 Butterfield Creek at Flossmoor

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .52 | .50 | .50 | .52 | .50 | .52 | .50 | .52 |
| | | GM | .55 | .62 | .51 | .59 | .63 | .59 | .61 | .58 |
| | ADULT | MIN | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .17 | .17 | .17 | .17 | .17 | .17 | .17 | .17 |
| 2 | JUVNL | MIN | .09 | .09 | .09 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .30 | .31 | .29 | .30 | .31 | .30 | .31 | .30 |
| | ADULT | MIN | .25 | .25 | .24 | .25 | .25 | .25 | .25 | .25 |
| | | GM | .47 | .49 | .45 | .47 | .49 | .47 | .49 | .47 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .89 | .88 | .90 | .89 | .88 | .89 | .88 | .89 |
| | | GM | .94 | .94 | .94 | .94 | .94 | .94 | .94 | .94 |
| | ADULT | MIN | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .13 | .13 | .13 | .13 | .13 | .13 | .13 | .13 |
| 6 | JUVNL | MIN | .97 | .97 | .98 | .97 | .97 | .97 | .97 | .97 |
| | | GM | .99 | .98 | .99 | .99 | .98 | .99 | .98 | .99 |
| | ADULT | MIN | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .16 | .16 | .16 | .16 | .16 | .16 | .16 | .16 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .80 | .79 | .81 | .80 | .79 | .80 | .79 | .80 |
| | | GM | .89 | .89 | .90 | .89 | .89 | .89 | .89 | .89 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.063 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536265 Lansing Ditch near Lansing

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .92 | .85 | .86 | .86 | .76 | .86 | .70 | .84 |
| | | GM | .92 | .92 | .90 | .92 | .87 | .92 | .84 | .91 |
| | ADULT | MIN | .08 | .06 | .08 | .06 | .05 | .06 | .05 | .06 |
| | | GM | .28 | .24 | .29 | .25 | .22 | .24 | .21 | .24 |
| 2 | JUVNL | MIN | .00 | .02 | .00 | .01 | .04 | .02 | .05 | .03 |
| | | GM | .00 | .15 | .00 | .12 | .20 | .13 | .22 | .16 |
| | ADULT | MIN | .10 | .13 | .10 | .13 | .15 | .13 | .16 | .14 |
| | | GM | .31 | .36 | .30 | .35 | .38 | .36 | .40 | .36 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .11 | .05 | .12 | .07 | .00 | .06 | .00 | .05 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .12 | .10 | .12 | .10 | .10 | .10 | .09 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | 1.00 | .98 | .99 | .97 | .99 |
| | | GM | 1.00 | .99 | 1.00 | 1.00 | .99 | 1.00 | .98 | .99 |
| | ADULT | MIN | .04 | .03 | .04 | .03 | .03 | .03 | .02 | .03 |
| | | GM | .19 | .17 | .20 | .18 | .16 | .17 | .15 | .17 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .06 | .09 | .06 | .05 | .06 | .05 | .06 |
| | | GM | .25 | .21 | .26 | .22 | .20 | .22 | .19 | .21 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .07 | .02 | .09 | .03 | .00 | .02 | .00 | .01 |
| | | GM | .27 | .14 | .29 | .17 | .00 | .15 | .00 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .96 | .91 | .97 | .92 | .88 | .91 | .87 | .90 |
| | | GM | .98 | .95 | .99 | .96 | .94 | .96 | .93 | .95 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.064 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536270 North Creek near Lansing

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .57 | .41 | .68 | .45 | .35 | .41 | .34 | .42 |
| | | GM | .73 | .64 | .78 | .67 | .59 | .64 | .58 | .64 |
| | ADULT | MIN | .03 | .02 | .04 | .02 | .02 | .02 | .01 | .02 |
| | | GM | .19 | .14 | .21 | .16 | .12 | .14 | .12 | .15 |
| 2 | JUVNL | MIN | .08 | .12 | .05 | .11 | .14 | .12 | .14 | .12 |
| | | GM | .28 | .35 | .23 | .33 | .38 | .35 | .38 | .35 |
| | ADULT | MIN | .22 | .31 | .17 | .28 | .41 | .31 | .43 | .30 |
| | | GM | .45 | .55 | .40 | .52 | .63 | .55 | .65 | .54 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .07 | .05 | .07 | .07 | .04 | .05 | .03 | .06 |
| | | GM | .08 | .06 | .09 | .07 | .05 | .06 | .05 | .06 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .93 | .81 | .96 | .85 | .70 | .81 | .67 | .82 |
| | | GM | .96 | .90 | .98 | .92 | .84 | .90 | .82 | .90 |
| | ADULT | MIN | .02 | .01 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .14 | .10 | .15 | .12 | .09 | .10 | .08 | .11 |
| 6 | JUVNL | MIN | .99 | .83 | 1.00 | .95 | .70 | .83 | .69 | .86 |
| | | GM | 1.00 | .91 | 1.00 | .97 | .84 | .91 | .83 | .93 |
| | ADULT | MIN | .04 | .02 | .05 | .03 | .02 | .02 | .01 | .02 |
| | | GM | .17 | .13 | .19 | .14 | .11 | .13 | .10 | .13 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .83 | .73 | .86 | .76 | .69 | .73 | .68 | .74 |
| | | GM | .91 | .85 | .93 | .87 | .83 | .85 | .82 | .86 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.065 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536275 Thorn Creek at Thornton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .09 | .31 | .05 | .22 | .17 | .12 | .15 | .11 |
| | | GM | .30 | .55 | .22 | .46 | .41 | .35 | .39 | .33 |
| | ADULT | MIN | .40 | .32 | .43 | .34 | .36 | .38 | .37 | .39 |
| | | GM | .57 | .56 | .54 | .58 | .58 | .58 | .58 | .58 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .04 | .08 | .04 | .06 | .05 | .05 | .05 | .05 |
| 3 | JUVNL | MIN | .08 | .05 | .10 | .06 | .06 | .07 | .07 | .08 |
| | | GM | .29 | .23 | .32 | .24 | .25 | .27 | .26 | .28 |
| | ADULT | MIN | .16 | .12 | .17 | .13 | .14 | .15 | .14 | .15 |
| | | GM | .39 | .35 | .41 | .36 | .37 | .38 | .37 | .39 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .20 | .19 | .19 | .20 | .19 | .20 |
| | ADULT | MIN | .13 | .11 | .13 | .12 | .12 | .12 | .12 | .13 |
| | | GM | .35 | .34 | .36 | .34 | .35 | .35 | .35 | .35 |
| 5 | JUVNL | MIN | .91 | .97 | .87 | .96 | .95 | .93 | .94 | .92 |
| | | GM | .96 | .99 | .93 | .98 | .97 | .97 | .97 | .96 |
| | ADULT | MIN | .14 | .12 | .15 | .12 | .13 | .13 | .13 | .14 |
| | | GM | .36 | .34 | .37 | .35 | .35 | .36 | .35 | .36 |
| 6 | JUVNL | MIN | .97 | 1.00 | .93 | 1.00 | 1.00 | .99 | 1.00 | .98 |
| | | GM | .99 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .37 | .32 | .40 | .34 | .35 | .36 | .35 | .37 |
| | | GM | .53 | .49 | .55 | .50 | .51 | .52 | .52 | .53 |
| 7 | JUVNL | MIN | .50 | .38 | .55 | .42 | .44 | .47 | .45 | .49 |
| | | GM | .70 | .62 | .74 | .65 | .67 | .68 | .67 | .69 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .60 | .52 | .63 | .55 | .57 | .58 | .57 | .59 |
| | | GM | .77 | .72 | .79 | .74 | .75 | .76 | .76 | .77 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .98 | 1.00 | .97 | 1.00 | 1.00 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .14 | .08 | .17 | .10 | .11 | .12 | .11 | .13 |
| | | GM | .37 | .29 | .39 | .31 | .32 | .34 | .33 | .36 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.066 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536290 Little Calumet River at South Holland

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .19 | .41 | .12 | .29 | .26 | .21 | .23 | .19 |
| | | GM | .44 | .64 | .35 | .54 | .51 | .46 | .48 | .44 |
| | ADULT | MIN | .89 | .66 | .88 | .78 | .84 | .86 | .85 | .89 |
| | | GM | .92 | .81 | .92 | .88 | .91 | .91 | .91 | .92 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .94 | .29 | .98 | .76 | .90 | .93 | .92 | .94 |
| | | GM | .97 | .54 | .98 | .87 | .95 | .96 | .96 | .97 |
| | ADULT | MIN | .89 | .29 | .98 | .44 | .64 | .76 | .72 | .87 |
| | | GM | .94 | .54 | .98 | .67 | .80 | .87 | .85 | .93 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .23 | .21 | .22 | .22 | .22 | .22 |
| | ADULT | MIN | .20 | .16 | .24 | .18 | .19 | .19 | .19 | .20 |
| | | GM | .45 | .40 | .48 | .42 | .43 | .44 | .44 | .44 |
| 5 | JUVNL | MIN | .96 | .98 | .93 | .97 | .97 | .96 | .96 | .96 |
| | | GM | .98 | .99 | .97 | .99 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .26 | .20 | .30 | .23 | .24 | .25 | .25 | .26 |
| | | GM | .51 | .45 | .53 | .47 | .49 | .50 | .50 | .51 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .67 | .51 | .76 | .57 | .62 | .65 | .64 | .67 |
| | | GM | .71 | .61 | .76 | .66 | .68 | .70 | .69 | .71 |
| 7 | JUVNL | MIN | .90 | .74 | .96 | .81 | .86 | .88 | .87 | .90 |
| | | GM | .95 | .86 | .98 | .90 | .93 | .94 | .94 | .95 |
| | ADULT | MIN | .86 | .20 | .96 | .63 | .77 | .81 | .80 | .85 |
| | | GM | .92 | .44 | .98 | .80 | .88 | .90 | .89 | .92 |
| 8 | JUVNL | MIN | .85 | .74 | .89 | .78 | .81 | .83 | .82 | .85 |
| | | GM | .92 | .86 | .94 | .88 | .90 | .91 | .91 | .92 |
| | ADULT | MIN | .11 | .00 | .19 | .01 | .05 | .08 | .07 | .10 |
| | | GM | .32 | .00 | .43 | .10 | .23 | .28 | .27 | .32 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .78 | .41 | .87 | .61 | .69 | .73 | .72 | .77 |
| | | GM | .88 | .64 | .92 | .78 | .83 | .86 | .85 | .88 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.067 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536340 Midlothian Creek at Oak Forest

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .44 | .37 | .52 | .43 | .35 | .39 | .38 | .44 |
| | | GM | .65 | .60 | .62 | .64 | .59 | .62 | .61 | .65 |
| | ADULT | MIN | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .13 | .17 | .15 | .12 | .14 | .13 | .15 |
| 2 | JUVNL | MIN | .11 | .13 | .09 | .12 | .14 | .13 | .13 | .11 |
| | | GM | .34 | .37 | .30 | .34 | .38 | .36 | .36 | .34 |
| | ADULT | MIN | .29 | .38 | .24 | .30 | .41 | .34 | .36 | .29 |
| | | GM | .53 | .60 | .47 | .53 | .64 | .57 | .59 | .53 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .06 | .04 | .07 | .06 | .03 | .05 | .04 | .06 |
| | | GM | .07 | .05 | .08 | .06 | .05 | .06 | .06 | .07 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .83 | .74 | .90 | .82 | .69 | .79 | .76 | .83 |
| | | GM | .91 | .86 | .94 | .91 | .83 | .89 | .87 | .91 |
| | ADULT | MIN | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .11 | .09 | .13 | .11 | .08 | .10 | .09 | .11 |
| 6 | JUVNL | MIN | .91 | .73 | .98 | .88 | .70 | .79 | .76 | .91 |
| | | GM | .95 | .86 | .99 | .94 | .83 | .89 | .87 | .95 |
| | ADULT | MIN | .03 | .02 | .04 | .02 | .01 | .02 | .02 | .03 |
| | | GM | .14 | .11 | .16 | .13 | .10 | .12 | .12 | .14 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .75 | .70 | .80 | .74 | .68 | .72 | .71 | .75 |
| | | GM | .86 | .84 | .90 | .86 | .83 | .85 | .84 | .86 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.068 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5539000 Hickory Creek at Joliet

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .96 | 1.00 | .88 | .98 | .97 | .96 | .96 | .93 |
| | | GM | .98 | 1.00 | .94 | .99 | .99 | .98 | .98 | .97 |
| | ADULT | MIN | .18 | .15 | .19 | .16 | .17 | .18 | .18 | .18 |
| | | GM | .42 | .39 | .44 | .40 | .41 | .42 | .42 | .43 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .04 | .03 | .04 | .04 | .03 | .03 | .03 |
| | | GM | .18 | .20 | .17 | .19 | .18 | .18 | .18 | .17 |
| 3 | JUVNL | MIN | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .01 |
| | | GM | .09 | .00 | .11 | .05 | .07 | .09 | .08 | .10 |
| | ADULT | MIN | .06 | .04 | .07 | .05 | .05 | .06 | .06 | .06 |
| | | GM | .24 | .21 | .26 | .22 | .23 | .24 | .24 | .25 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .15 | .15 | .16 | .15 | .15 | .15 | .15 | .16 |
| | ADULT | MIN | .06 | .04 | .07 | .04 | .05 | .06 | .05 | .06 |
| | | GM | .24 | .19 | .26 | .21 | .22 | .24 | .23 | .25 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .09 | .07 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .27 | .29 | .27 | .28 | .28 | .28 | .29 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .20 | .17 | .21 | .18 | .19 | .20 | .19 | .20 |
| | | GM | .38 | .36 | .40 | .36 | .37 | .38 | .38 | .38 |
| 7 | JUVNL | MIN | .11 | .05 | .14 | .07 | .09 | .11 | .10 | .12 |
| | | GM | .33 | .22 | .38 | .26 | .30 | .33 | .32 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .29 | .24 | .32 | .25 | .27 | .29 | .29 | .31 |
| | | GM | .54 | .49 | .57 | .50 | .52 | .54 | .53 | .55 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .09 | .00 | .00 | .00 | .00 | .02 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.069 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5539900 W. B. Du Page River near West Chicago

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .11 | .30 | .07 | .21 | .44 | .28 | .36 | .21 |
| | | GM | .34 | .55 | .27 | .46 | .65 | .53 | .60 | .46 |
| | ADULT | MIN | .16 | .11 | .19 | .12 | .09 | .11 | .10 | .12 |
| | | GM | .37 | .33 | .38 | .35 | .30 | .33 | .31 | .35 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .07 | .03 | .05 | .09 | .06 | .08 | .05 |
| | | GM | .11 | .20 | .09 | .14 | .27 | .18 | .25 | .14 |
| 3 | JUVNL | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .00 | .12 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .05 | .02 | .07 | .03 | .02 | .02 | .02 | .03 |
| | | GM | .22 | .15 | .25 | .17 | .12 | .15 | .13 | .17 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .16 | .13 | .17 | .14 | .12 | .14 | .13 | .14 |
| | ADULT | MIN | .04 | .00 | .07 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .21 | .00 | .26 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .93 | .97 | .90 | .96 | .98 | .97 | .98 | .96 |
| | | GM | .96 | .99 | .95 | .98 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .07 | .05 | .09 | .06 | .04 | .05 | .04 | .06 |
| | | GM | .26 | .22 | .28 | .24 | .20 | .23 | .21 | .24 |
| 6 | JUVNL | MIN | .98 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .18 | .12 | .21 | .14 | .10 | .12 | .11 | .14 |
| | | GM | .37 | .30 | .40 | .32 | .27 | .31 | .28 | .32 |
| 7 | JUVNL | MIN | .07 | .00 | .15 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .26 | .00 | .38 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .25 | .14 | .33 | .18 | .10 | .15 | .12 | .18 |
| | | GM | .50 | .37 | .57 | .42 | .31 | .39 | .34 | .42 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .99 | 1.00 | .98 | 1.00 | .98 | 1.00 | .99 | 1.00 |
| | | GM | .99 | 1.00 | .99 | 1.00 | .99 | 1.00 | .99 | 1.00 |
| | ADULT | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.070 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5540500 Du Page River at Shorewood

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .28 | .70 | .18 | .56 | .39 | .31 | .40 | .31 |
| | | GM | .53 | .84 | .42 | .75 | .62 | .56 | .63 | .56 |
| | ADULT | MIN | .44 | .33 | .50 | .36 | .40 | .42 | .40 | .42 |
| | | GM | .66 | .58 | .68 | .60 | .63 | .64 | .63 | .65 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .05 | .09 | .04 | .08 | .07 | .06 | .07 | .06 |
| 3 | JUVNL | MIN | .11 | .06 | .13 | .06 | .08 | .09 | .08 | .10 |
| | | GM | .33 | .23 | .36 | .25 | .29 | .31 | .29 | .31 |
| | ADULT | MIN | .18 | .13 | .20 | .14 | .16 | .16 | .16 | .17 |
| | | GM | .42 | .36 | .45 | .37 | .39 | .41 | .39 | .41 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .18 | .20 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .14 | .12 | .14 | .12 | .13 | .13 | .13 | .13 |
| | | GM | .37 | .34 | .38 | .35 | .36 | .36 | .36 | .36 |
| 5 | JUVNL | MIN | .97 | .99 | .95 | .99 | .98 | .97 | .98 | .97 |
| | | GM | .98 | 1.00 | .98 | 1.00 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .15 | .12 | .17 | .13 | .14 | .15 | .14 | .15 |
| | | GM | .39 | .35 | .40 | .36 | .38 | .38 | .38 | .38 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .40 | .33 | .42 | .35 | .37 | .39 | .37 | .39 |
| | | GM | .55 | .50 | .57 | .51 | .53 | .54 | .53 | .54 |
| 7 | JUVNL | MIN | .56 | .40 | .61 | .44 | .50 | .53 | .50 | .54 |
| | | GM | .75 | .64 | .78 | .67 | .71 | .73 | .71 | .73 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .63 | .54 | .66 | .57 | .60 | .61 | .60 | .62 |
| | | GM | .79 | .73 | .81 | .75 | .77 | .78 | .77 | .79 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .18 | .09 | .22 | .11 | .14 | .16 | .14 | .16 |
| | | GM | .42 | .30 | .47 | .33 | .38 | .40 | .38 | .40 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.071 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5542000 Mazon River near Coal City

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .99 | 1.00 | .95 | .98 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | .99 | 1.00 | .97 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .31 | .28 | .35 | .32 | .27 | .30 | .28 | .31 |
| | | GM | .56 | .53 | .59 | .56 | .52 | .55 | .53 | .55 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .10 | .11 | .09 | .10 | .12 | .10 | .11 | .10 |
| 3 | JUVNL | MIN | .05 | .04 | .06 | .05 | .04 | .05 | .04 | .05 |
| | | GM | .22 | .20 | .24 | .23 | .20 | .21 | .20 | .22 |
| | ADULT | MIN | .12 | .10 | .13 | .12 | .10 | .11 | .10 | .12 |
| | | GM | .34 | .32 | .37 | .35 | .31 | .33 | .32 | .34 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .18 | .17 | .18 | .18 | .17 | .17 | .17 | .18 |
| | ADULT | MIN | .11 | .11 | .12 | .11 | .10 | .11 | .11 | .11 |
| | | GM | .34 | .33 | .35 | .34 | .32 | .33 | .33 | .33 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .11 | .13 | .12 | .11 | .11 | .11 | .12 |
| | | GM | .34 | .33 | .35 | .34 | .33 | .34 | .33 | .34 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .32 | .30 | .34 | .32 | .29 | .31 | .30 | .31 |
| | | GM | .48 | .47 | .50 | .49 | .46 | .47 | .47 | .48 |
| 7 | JUVNL | MIN | .37 | .32 | .43 | .38 | .30 | .35 | .32 | .36 |
| | | GM | .61 | .57 | .65 | .62 | .55 | .59 | .57 | .60 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .51 | .47 | .56 | .52 | .46 | .49 | .47 | .50 |
| | | GM | .71 | .69 | .75 | .72 | .68 | .70 | .69 | .71 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .10 | .08 | .06 | .07 | .07 | .08 |
| | | GM | .28 | .26 | .31 | .29 | .25 | .27 | .26 | .28 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.072 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5443500 Illinois River at Marseilles

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .18 | .02 | .15 | .04 | .03 | .04 | .03 |
| | | GM | .16 | .42 | .13 | .39 | .18 | .15 | .20 | .16 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .25 | .32 | .25 | .30 | .25 | .25 | .25 | .25 |
| | | GM | .50 | .56 | .50 | .55 | .50 | .50 | .50 | .50 |
| | ADULT | MIN | .35 | .38 | .35 | .38 | .35 | .35 | .35 | .35 |
| | | GM | .59 | .62 | .59 | .61 | .59 | .59 | .59 | .59 |
| 4 | JUVNL | MIN | .33 | .10 | .37 | .11 | .30 | .34 | .29 | .33 |
| | | GM | .50 | .31 | .51 | .33 | .49 | .50 | .48 | .50 |
| | ADULT | MIN | .70 | .84 | .69 | .83 | .71 | .70 | .72 | .70 |
| | | GM | .84 | .89 | .83 | .89 | .84 | .84 | .85 | .84 |
| 5 | JUVNL | MIN | .11 | .44 | .09 | .41 | .13 | .11 | .14 | .11 |
| | | GM | .33 | .67 | .31 | .64 | .36 | .33 | .37 | .33 |
| | ADULT | MIN | .23 | .56 | .22 | .55 | .24 | .23 | .25 | .23 |
| | | GM | .42 | .58 | .41 | .57 | .43 | .42 | .43 | .42 |
| 6 | JUVNL | MIN | .15 | .49 | .12 | .46 | .17 | .14 | .17 | .15 |
| | | GM | .39 | .70 | .35 | .68 | .41 | .38 | .42 | .39 |
| | ADULT | MIN | .98 | .87 | .99 | .89 | .98 | .98 | .97 | .98 |
| | | GM | .99 | .94 | 1.00 | .94 | .99 | .99 | .99 | .99 |
| 7 | JUVNL | MIN | .71 | .90 | .68 | .89 | .73 | .71 | .74 | .71 |
| | | GM | .84 | .95 | .83 | .94 | .85 | .84 | .86 | .84 |
| | ADULT | MIN | .81 | .94 | .79 | .93 | .82 | .81 | .83 | .81 |
| | | GM | .90 | .97 | .89 | .97 | .91 | .90 | .91 | .90 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .89 | .71 | .91 | .72 | .88 | .89 | .87 | .89 |
| | | GM | .94 | .84 | .95 | .85 | .94 | .95 | .93 | .94 |
| 9 | JUVNL | MIN | .53 | .77 | .51 | .75 | .54 | .52 | .55 | .53 |
| | | GM | .57 | .81 | .54 | .80 | .58 | .56 | .59 | .57 |
| | ADULT | MIN | .14 | .34 | .13 | .31 | .14 | .14 | .15 | .14 |
| | | GM | .37 | .59 | .36 | .56 | .38 | .37 | .38 | .37 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.073 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5449000 Boone Creek near McHenry

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .06 | .29 | .04 | .26 | .10 | .07 | .08 | .06 |
| | | GM | .22 | .41 | .17 | .39 | .26 | .23 | .24 | .21 |
| | ADULT | MIN | .05 | .04 | .05 | .04 | .05 | .05 | .05 | .05 |
| | | GM | .19 | .19 | .18 | .19 | .19 | .19 | .19 | .19 |
| 2 | JUVNL | MIN | .04 | .07 | .04 | .07 | .05 | .05 | .05 | .04 |
| | | GM | .15 | .26 | .12 | .25 | .19 | .17 | .17 | .14 |
| | ADULT | MIN | .15 | .21 | .14 | .21 | .16 | .16 | .16 | .15 |
| | | GM | .20 | .35 | .19 | .32 | .22 | .21 | .21 | .20 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .10 | .09 | .11 | .09 | .10 | .10 | .10 | .10 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .89 | .93 | .85 | .93 | .92 | .90 | .90 | .88 |
| | | GM | .93 | .95 | .91 | .95 | .94 | .94 | .94 | .93 |
| | ADULT | MIN | .03 | .02 | .03 | .02 | .02 | .02 | .02 | .03 |
| | | GM | .15 | .14 | .15 | .14 | .15 | .15 | .15 | .15 |
| 6 | JUVNL | MIN | .95 | 1.00 | .92 | 1.00 | .97 | .96 | .96 | .94 |
| | | GM | .97 | 1.00 | .96 | 1.00 | .99 | .98 | .98 | .97 |
| | ADULT | MIN | .05 | .04 | .06 | .04 | .05 | .05 | .05 | .05 |
| | | GM | .20 | .18 | .21 | .18 | .20 | .20 | .20 | .21 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .88 | .83 | .89 | .84 | .87 | .88 | .88 | .89 |
| | | GM | .93 | .91 | .93 | .92 | .93 | .92 | .93 | .93 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.074 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5550000 Fox River at Algonquin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .04 | .23 | .01 | .14 | .12 | .07 | .05 | .02 |
| | | GM | .21 | .48 | .10 | .38 | .34 | .27 | .22 | .13 |
| | ADULT | MIN | .67 | .87 | .54 | .90 | .87 | .77 | .69 | .57 |
| | | GM | .80 | .92 | .73 | .90 | .89 | .85 | .81 | .75 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .96 | .93 | .94 | .95 | .95 | .97 | .97 | .95 |
| | | GM | .97 | .96 | .96 | .97 | .97 | .97 | .97 | .96 |
| | ADULT | MIN | .95 | .77 | .91 | .90 | .92 | .96 | .95 | .93 |
| | | GM | .96 | .88 | .95 | .94 | .95 | .96 | .96 | .95 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .08 | .08 | .09 | .09 |
| | | GM | .24 | .22 | .24 | .22 | .23 | .23 | .24 | .24 |
| | ADULT | MIN | .23 | .19 | .25 | .20 | .21 | .22 | .23 | .24 |
| | | GM | .47 | .44 | .48 | .44 | .45 | .46 | .47 | .48 |
| 5 | JUVNL | MIN | .86 | .96 | .79 | .94 | .93 | .90 | .87 | .81 |
| | | GM | .93 | .98 | .89 | .97 | .96 | .95 | .93 | .90 |
| | ADULT | MIN | .29 | .25 | .30 | .26 | .27 | .28 | .29 | .30 |
| | | GM | .51 | .50 | .51 | .50 | .51 | .51 | .51 | .51 |
| 6 | JUVNL | MIN | .92 | 1.00 | .86 | 1.00 | .99 | .96 | .93 | .88 |
| | | GM | .96 | 1.00 | .93 | 1.00 | .99 | .98 | .97 | .94 |
| | ADULT | MIN | .75 | .65 | .79 | .68 | .69 | .73 | .75 | .78 |
| | | GM | .76 | .70 | .79 | .71 | .72 | .74 | .76 | .78 |
| 7 | JUVNL | MIN | .95 | .88 | .97 | .90 | .91 | .93 | .95 | .97 |
| | | GM | .96 | .94 | .97 | .95 | .95 | .96 | .96 | .97 |
| | ADULT | MIN | .95 | .82 | .97 | .86 | .88 | .92 | .94 | .97 |
| | | GM | .97 | .90 | .99 | .93 | .94 | .96 | .97 | .98 |
| 8 | JUVNL | MIN | .88 | .83 | .90 | .85 | .86 | .87 | .88 | .90 |
| | | GM | .94 | .91 | .95 | .92 | .93 | .93 | .94 | .95 |
| | ADULT | MIN | .17 | .08 | .21 | .11 | .12 | .15 | .17 | .20 |
| | | GM | .42 | .29 | .45 | .33 | .35 | .39 | .41 | .45 |
| 9 | JUVNL | MIN | .97 | 1.00 | .95 | .99 | .99 | .98 | .97 | .96 |
| | | GM | .98 | 1.00 | .98 | 1.00 | .99 | .99 | .98 | .98 |
| | ADULT | MIN | .85 | .74 | .83 | .78 | .79 | .83 | .85 | .85 |
| | | GM | .88 | .86 | .86 | .88 | .88 | .88 | .88 | .87 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.075 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5550500 Poplar Creek at Elgin

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .82 | .86 | .75 | .88 | .86 | .88 | .88 | .87 |
| | | GM | .87 | .89 | .84 | .89 | .89 | .89 | .89 | .89 |
| | ADULT | MIN | .07 | .06 | .08 | .07 | .06 | .07 | .06 | .07 |
| | | GM | .27 | .25 | .28 | .26 | .25 | .26 | .25 | .26 |
| 2 | JUVNL | MIN | .00 | .01 | .00 | .00 | .01 | .00 | .01 | .00 |
| | | GM | .00 | .12 | .00 | .06 | .12 | .06 | .09 | .01 |
| | ADULT | MIN | .11 | .13 | .10 | .12 | .13 | .12 | .12 | .12 |
| | | GM | .32 | .35 | .30 | .34 | .35 | .34 | .34 | .33 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .00 | .01 | .01 | .00 | .01 | .01 | .01 |
| | | GM | .10 | .07 | .11 | .08 | .07 | .08 | .08 | .09 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .11 | .11 | .12 | .11 | .11 | .11 | .11 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .03 | .04 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .19 | .18 | .19 | .18 | .18 | .18 | .18 | .18 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .06 | .09 | .07 | .06 | .07 | .07 | .07 |
| | | GM | .24 | .22 | .26 | .23 | .22 | .23 | .22 | .23 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .06 | .03 | .08 | .04 | .03 | .04 | .04 | .05 |
| | | GM | .25 | .17 | .29 | .21 | .17 | .21 | .20 | .22 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .95 | .92 | .97 | .93 | .92 | .93 | .93 | .94 |
| | | GM | .98 | .96 | .98 | .97 | .96 | .97 | .96 | .97 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.076 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5551200 Ferson Creek near St. Charles

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .37 | .62 | .30 | .52 | .71 | .59 | .58 | .45 |
| | | GM | .61 | .79 | .55 | .72 | .84 | .77 | .76 | .67 |
| | ADULT | MIN | .12 | .10 | .13 | .11 | .10 | .11 | .11 | .11 |
| | | GM | .35 | .32 | .36 | .33 | .31 | .32 | .32 | .34 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .05 | .07 | .05 | .06 | .08 | .07 | .07 | .06 |
| | | GM | .20 | .25 | .17 | .23 | .26 | .24 | .24 | .22 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .02 | .03 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .16 | .14 | .17 | .15 | .14 | .15 | .15 | .16 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .14 | .13 | .14 | .13 | .13 | .13 | .13 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .98 | .99 | .97 | .99 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .06 | .05 | .06 | .05 | .05 | .05 | .05 | .05 |
| | | GM | .24 | .22 | .24 | .23 | .21 | .22 | .22 | .23 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .14 | .12 | .14 | .12 | .11 | .12 | .12 | .13 |
| | | GM | .32 | .29 | .33 | .30 | .29 | .30 | .30 | .31 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .17 | .13 | .18 | .15 | .12 | .14 | .14 | .16 |
| | | GM | .41 | .36 | .43 | .38 | .35 | .37 | .37 | .40 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.077 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5551700 Blackberry Creek near Yorkville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .17 | .49 | .12 | .39 | .20 | .16 | .18 | .13 |
| | | GM | .41 | .70 | .35 | .63 | .45 | .41 | .43 | .36 |
| | ADULT | MIN | .20 | .17 | .21 | .18 | .20 | .20 | .20 | .21 |
| | | GM | .43 | .41 | .43 | .42 | .43 | .43 | .43 | .43 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .04 | .02 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .10 | .17 | .09 | .16 | .11 | .10 | .10 | .09 |
| 3 | JUVNL | MIN | .02 | .00 | .02 | .01 | .01 | .02 | .02 | .02 |
| | | GM | .13 | .07 | .14 | .09 | .12 | .13 | .12 | .14 |
| | ADULT | MIN | .07 | .05 | .08 | .06 | .07 | .07 | .07 | .07 |
| | | GM | .26 | .23 | .27 | .24 | .26 | .26 | .26 | .27 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .17 | .15 | .17 | .16 | .17 | .17 | .17 | .17 |
| | ADULT | MIN | .07 | .05 | .08 | .05 | .07 | .07 | .07 | .08 |
| | | GM | .27 | .22 | .28 | .23 | .26 | .27 | .27 | .28 |
| 5 | JUVNL | MIN | .95 | .99 | .93 | .98 | .96 | .95 | .95 | .94 |
| | | GM | .97 | .99 | .96 | .99 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .09 | .08 | .09 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .29 | .28 | .30 | .28 | .29 | .29 | .29 | .30 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .22 | .19 | .23 | .19 | .22 | .22 | .22 | .23 |
| | | GM | .41 | .37 | .42 | .38 | .40 | .41 | .41 | .42 |
| 7 | JUVNL | MIN | .17 | .08 | .19 | .10 | .15 | .17 | .16 | .18 |
| | | GM | .41 | .29 | .43 | .32 | .39 | .41 | .40 | .42 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .35 | .27 | .36 | .29 | .33 | .35 | .34 | .36 |
| | | GM | .59 | .52 | .60 | .54 | .58 | .59 | .58 | .60 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .02 | .00 | .02 | .00 | .01 | .02 | .01 | .02 |
| | | GM | .13 | .00 | .15 | .00 | .11 | .13 | .12 | .14 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.078 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5552500 Fox River at Dayton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .09 | .00 | .06 | .02 | .01 | .00 | .00 |
| | | GM | .00 | .28 | .00 | .23 | .14 | .07 | .03 | .00 |
| | ADULT | MIN | .46 | .82 | .39 | .73 | .59 | .52 | .50 | .41 |
| | | GM | .68 | .90 | .62 | .86 | .77 | .72 | .71 | .64 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .90 | .98 | .81 | .97 | .95 | .93 | .92 | .84 |
| | | GM | .95 | .99 | .90 | .99 | .97 | .96 | .96 | .92 |
| | ADULT | MIN | .86 | .98 | .48 | .96 | .93 | .90 | .89 | .59 |
| | | GM | .93 | .99 | .69 | .98 | .97 | .95 | .94 | .77 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .09 | .09 | .09 | .09 |
| | | GM | .30 | .27 | .30 | .28 | .29 | .29 | .29 | .30 |
| | ADULT | MIN | .82 | .61 | .85 | .68 | .75 | .79 | .80 | .84 |
| | | GM | .87 | .77 | .87 | .80 | .84 | .85 | .86 | .87 |
| 5 | JUVNL | MIN | .75 | .91 | .70 | .88 | .82 | .79 | .77 | .72 |
| | | GM | .87 | .96 | .84 | .94 | .91 | .89 | .88 | .85 |
| | ADULT | MIN | .47 | .40 | .49 | .42 | .44 | .46 | .47 | .49 |
| | | GM | .63 | .61 | .62 | .62 | .62 | .63 | .63 | .63 |
| 6 | JUVNL | MIN | .81 | .97 | .74 | .95 | .89 | .85 | .84 | .76 |
| | | GM | .90 | .99 | .86 | .97 | .94 | .92 | .91 | .87 |
| | ADULT | MIN | .80 | .76 | .81 | .76 | .78 | .79 | .79 | .81 |
| | | GM | .89 | .86 | .90 | .87 | .88 | .89 | .89 | .90 |
| 7 | JUVNL | MIN | .96 | .99 | .95 | .98 | .97 | .97 | .97 | .96 |
| | | GM | .98 | .99 | .98 | .99 | .99 | .98 | .98 | .98 |
| | ADULT | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | 1.00 | .98 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .58 | .43 | .61 | .47 | .52 | .55 | .56 | .60 |
| | | GM | .76 | .66 | .78 | .68 | .72 | .74 | .75 | .78 |
| 9 | JUVNL | MIN | .89 | .97 | .87 | .95 | .92 | .90 | .90 | .87 |
| | | GM | .91 | .97 | .89 | .96 | .94 | .93 | .92 | .90 |
| | ADULT | MIN | .77 | .96 | .70 | .92 | .86 | .82 | .80 | .72 |
| | | GM | .88 | .98 | .84 | .96 | .93 | .91 | .90 | .85 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.079 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5554000 N. F. Vermilion River near Charlotte

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .16 | .14 | .18 | .16 | .14 | .15 | .15 | .17 |
| | | GM | .40 | .38 | .43 | .40 | .38 | .39 | .39 | .41 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 |
| | | GM | .19 | .21 | .18 | .19 | .21 | .20 | .20 | .19 |
| 3 | JUVNL | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .03 | .00 | .10 | .03 | .00 | .00 | .00 | .06 |
| | ADULT | MIN | .05 | .04 | .06 | .05 | .04 | .04 | .04 | .05 |
| | | GM | .22 | .19 | .24 | .22 | .19 | .21 | .20 | .22 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .15 | .14 | .15 | .15 | .14 | .14 | .14 | .15 |
| | ADULT | MIN | .04 | .02 | .06 | .04 | .02 | .03 | .03 | .05 |
| | | GM | .21 | .14 | .24 | .21 | .13 | .18 | .17 | .22 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .27 | .26 | .29 | .27 | .26 | .26 | .26 | .27 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .18 | .16 | .20 | .18 | .16 | .17 | .17 | .18 |
| | | GM | .36 | .34 | .38 | .36 | .34 | .35 | .35 | .37 |
| 7 | JUVNL | MIN | .06 | .02 | .12 | .06 | .01 | .04 | .04 | .08 |
| | | GM | .25 | .15 | .34 | .25 | .12 | .21 | .19 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .25 | .22 | .30 | .25 | .21 | .23 | .23 | .26 |
| | | GM | .50 | .47 | .55 | .50 | .46 | .48 | .48 | .51 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.080 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5554500 Vermilion River at Pontiac

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .99 | 1.00 | .97 | 1.00 | 1.00 | .99 | .99 | .98 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .49 | .44 | .53 | .47 | .46 | .50 | .49 | .51 |
| | | GM | .70 | .66 | .73 | .69 | .68 | .70 | .70 | .72 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .06 | .07 | .05 | .06 | .07 | .06 | .06 | .06 |
| 3 | JUVNL | MIN | .13 | .11 | .15 | .12 | .11 | .13 | .13 | .14 |
| | | GM | .35 | .32 | .39 | .34 | .34 | .36 | .35 | .38 |
| | ADULT | MIN | .20 | .18 | .21 | .19 | .19 | .20 | .20 | .21 |
| | | GM | .44 | .42 | .46 | .44 | .43 | .45 | .44 | .45 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .19 | .19 | .19 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .14 | .14 | .15 | .14 | .14 | .14 | .14 | .14 |
| | | GM | .38 | .37 | .38 | .37 | .37 | .38 | .38 | .38 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .16 | .15 | .17 | .16 | .16 | .16 | .16 | .17 |
| | | GM | .40 | .39 | .41 | .40 | .40 | .41 | .40 | .41 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .42 | .40 | .44 | .41 | .41 | .42 | .42 | .43 |
| | | GM | .56 | .54 | .57 | .55 | .55 | .56 | .56 | .56 |
| 7 | JUVNL | MIN | .61 | .56 | .64 | .59 | .59 | .61 | .61 | .63 |
| | | GM | .78 | .75 | .80 | .77 | .76 | .78 | .78 | .79 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .66 | .63 | .68 | .65 | .64 | .66 | .66 | .67 |
| | | GM | .81 | .79 | .83 | .81 | .80 | .81 | .81 | .82 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .21 | .18 | .25 | .20 | .19 | .22 | .21 | .23 |
| | | GM | .46 | .42 | .50 | .44 | .44 | .47 | .46 | .48 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.081 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5555500 Vermilion River at Lowell

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .88 | .97 | .76 | .95 | .94 | .88 | .92 | .83 |
| | | GM | .94 | .99 | .87 | .97 | .97 | .94 | .96 | .91 |
| | ADULT | MIN | .81 | .73 | .85 | .78 | .78 | .81 | .80 | .83 |
| | | GM | .90 | .85 | .92 | .88 | .89 | .90 | .89 | .91 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .86 | .56 | .92 | .75 | .78 | .86 | .84 | .89 |
| | | GM | .93 | .75 | .96 | .86 | .88 | .93 | .92 | .94 |
| | ADULT | MIN | .54 | .35 | .69 | .44 | .45 | .54 | .48 | .61 |
| | | GM | .74 | .59 | .83 | .66 | .67 | .74 | .69 | .78 |
| 4 | JUVNL | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .21 | .20 | .21 | .20 | .21 | .21 | .21 | .21 |
| | ADULT | MIN | .18 | .17 | .19 | .18 | .18 | .18 | .18 | .19 |
| | | GM | .43 | .41 | .44 | .42 | .42 | .43 | .42 | .43 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .23 | .21 | .25 | .22 | .23 | .23 | .23 | .24 |
| | | GM | .48 | .46 | .50 | .47 | .48 | .48 | .48 | .49 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .60 | .55 | .63 | .57 | .58 | .60 | .59 | .61 |
| | | GM | .67 | .63 | .68 | .65 | .65 | .67 | .66 | .67 |
| 7 | JUVNL | MIN | .84 | .78 | .87 | .81 | .81 | .84 | .82 | .85 |
| | | GM | .92 | .88 | .93 | .90 | .90 | .92 | .91 | .92 |
| | ADULT | MIN | .72 | .47 | .79 | .63 | .64 | .72 | .67 | .76 |
| | | GM | .85 | .69 | .89 | .79 | .80 | .85 | .82 | .87 |
| 8 | JUVNL | MIN | .80 | .76 | .82 | .78 | .78 | .80 | .79 | .81 |
| | | GM | .89 | .87 | .91 | .88 | .89 | .89 | .89 | .90 |
| | ADULT | MIN | .03 | .00 | .06 | .01 | .01 | .03 | .02 | .05 |
| | | GM | .19 | .00 | .25 | .09 | .11 | .19 | .15 | .22 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .66 | .52 | .71 | .60 | .61 | .66 | .64 | .68 |
| | | GM | .81 | .72 | .84 | .78 | .78 | .81 | .80 | .83 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.082 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5556500 Bureau Creek at Princeton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .92 | .98 | .64 | .91 | .95 | .89 | .95 | .87 |
| | | GM | .96 | .99 | .80 | .95 | .98 | .94 | .98 | .93 |
| | ADULT | MIN | .22 | .20 | .25 | .22 | .22 | .23 | .22 | .23 |
| | | GM | .47 | .45 | .50 | .47 | .47 | .48 | .47 | .48 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .16 | .13 | .15 | .15 | .14 | .15 | .14 |
| 3 | JUVNL | MIN | .02 | .02 | .03 | .02 | .02 | .03 | .02 | .03 |
| | | GM | .15 | .13 | .18 | .15 | .15 | .16 | .15 | .16 |
| | ADULT | MIN | .08 | .07 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .27 | .30 | .28 | .28 | .29 | .28 | .29 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .17 | .16 | .17 | .17 | .16 | .17 | .16 | .17 |
| | ADULT | MIN | .09 | .08 | .10 | .09 | .08 | .09 | .08 | .09 |
| | | GM | .29 | .28 | .31 | .29 | .29 | .30 | .29 | .30 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .09 | .10 | .10 | .09 | .10 | .09 | .10 |
| | | GM | .31 | .30 | .32 | .31 | .31 | .31 | .31 | .31 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .25 | .23 | .27 | .25 | .24 | .25 | .24 | .25 |
| | | GM | .43 | .41 | .45 | .43 | .42 | .43 | .42 | .43 |
| 7 | JUVNL | MIN | .21 | .18 | .26 | .21 | .20 | .22 | .20 | .23 |
| | | GM | .46 | .42 | .51 | .46 | .45 | .47 | .45 | .48 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .39 | .35 | .43 | .39 | .38 | .39 | .38 | .40 |
| | | GM | .62 | .60 | .65 | .62 | .62 | .63 | .62 | .63 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .03 | .02 | .05 | .03 | .03 | .03 | .03 | .04 |
| | | GM | .18 | .14 | .22 | .18 | .17 | .19 | .17 | .19 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.083 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5558500 Crow Creek (West) near Henry

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .82 | .91 | .68 | .85 | .91 | .91 | .91 | .89 |
| | | GM | .88 | .92 | .82 | .90 | .94 | .92 | .94 | .91 |
| | ADULT | MIN | .09 | .08 | .10 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .29 | .28 | .31 | .29 | .27 | .28 | .27 | .28 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .09 | .10 | .08 | .10 | .11 | .10 | .11 | .10 |
| | | GM | .29 | .31 | .27 | .30 | .33 | .31 | .33 | .31 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .12 | .11 | .13 | .12 | .10 | .11 | .10 | .11 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .12 | .12 | .13 | .12 | .11 | .12 | .11 | .12 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | 1.00 | .99 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .04 | .04 | .04 | .03 | .04 | .03 | .04 |
| | | GM | .20 | .19 | .21 | .20 | .19 | .19 | .19 | .19 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .09 | .08 | .11 | .09 | .08 | .08 | .08 | .09 |
| | | GM | .26 | .25 | .28 | .26 | .24 | .25 | .24 | .25 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .09 | .07 | .12 | .09 | .06 | .07 | .06 | .08 |
| | | GM | .30 | .27 | .34 | .30 | .24 | .27 | .24 | .28 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .98 | .96 | .99 | .97 | .95 | .96 | .95 | .96 |
| | | GM | .99 | .98 | .99 | .99 | .97 | .98 | .97 | .98 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.084 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5560500 Farm Creek at Farmdale

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .64 | .55 | .67 | .58 | .53 | .57 | .55 | .60 |
| | | GM | .74 | .73 | .68 | .74 | .72 | .74 | .73 | .75 |
| | ADULT | MIN | .04 | .03 | .05 | .04 | .03 | .03 | .03 | .04 |
| | | GM | .20 | .18 | .21 | .19 | .17 | .19 | .18 | .19 |
| 2 | JUVNL | MIN | .06 | .08 | .05 | .07 | .09 | .08 | .08 | .07 |
| | | GM | .25 | .28 | .22 | .27 | .29 | .28 | .28 | .26 |
| | ADULT | MIN | .19 | .22 | .17 | .21 | .24 | .22 | .22 | .20 |
| | | GM | .42 | .46 | .39 | .45 | .48 | .46 | .46 | .44 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .09 | .08 | .09 | .08 | .08 | .08 | .08 | .09 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .95 | .92 | .97 | .93 | .90 | .92 | .92 | .94 |
| | | GM | .97 | .96 | .98 | .96 | .95 | .96 | .96 | .97 |
| | ADULT | MIN | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .15 | .14 | .15 | .14 | .13 | .14 | .14 | .14 |
| 6 | JUVNL | MIN | 1.00 | .99 | 1.00 | 1.00 | .98 | .99 | .99 | 1.00 |
| | | GM | 1.00 | .99 | 1.00 | 1.00 | .99 | 1.00 | .99 | 1.00 |
| | ADULT | MIN | .05 | .04 | .05 | .04 | .04 | .04 | .04 | .04 |
| | | GM | .18 | .17 | .19 | .18 | .16 | .17 | .17 | .18 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .85 | .82 | .87 | .84 | .81 | .83 | .82 | .84 |
| | | GM | .92 | .91 | .93 | .92 | .90 | .91 | .91 | .92 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.085 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5562000 Farm Creek at East Peoria

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .78 | .91 | .66 | .86 | .88 | .86 | .91 | .86 |
| | | GM | .85 | .92 | .78 | .89 | .90 | .88 | .91 | .88 |
| | ADULT | MIN | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .27 | .26 | .27 | .26 | .26 | .26 | .26 | .26 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .11 | .11 | .11 | .11 | .11 | .11 | .11 | .11 |
| | | GM | .32 | .33 | .31 | .33 | .33 | .32 | .33 | .32 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .10 | .09 | .10 | .09 | .09 | .09 | .09 | .09 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .11 | .11 | .12 | .11 | .11 | .11 | .11 | .11 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .03 | .04 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .19 | .18 | .19 | .19 | .19 | .19 | .18 | .19 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .07 | .08 |
| | | GM | .24 | .23 | .24 | .24 | .24 | .24 | .23 | .24 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .06 | .05 | .07 | .06 | .06 | .06 | .05 | .06 |
| | | GM | .25 | .23 | .26 | .24 | .24 | .24 | .23 | .24 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .95 | .94 | .96 | .95 | .95 | .95 | .94 | .95 |
| | | GM | .98 | .97 | .98 | .97 | .97 | .97 | .97 | .97 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.086 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5563000 Kickapoo Creek near Kickapoo

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .63 | .90 | .29 | .60 | .81 | .71 | .74 | .59 |
| | | GM | .79 | .95 | .54 | .78 | .90 | .84 | .86 | .77 |
| | ADULT | MIN | .15 | .12 | .17 | .15 | .13 | .14 | .14 | .15 |
| | | GM | .38 | .35 | .42 | .38 | .36 | .37 | .37 | .38 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .05 | .03 | .04 | .05 | .04 | .04 | .04 |
| | | GM | .19 | .21 | .14 | .19 | .21 | .20 | .20 | .19 |
| 3 | JUVNL | MIN | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .08 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .04 | .03 | .05 | .04 | .03 | .04 | .03 | .04 |
| | | GM | .20 | .17 | .23 | .20 | .18 | .19 | .18 | .20 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .15 | .14 | .16 | .15 | .14 | .14 | .14 | .15 |
| | ADULT | MIN | .02 | .00 | .05 | .03 | .00 | .01 | .01 | .03 |
| | | GM | .15 | .00 | .23 | .16 | .05 | .12 | .10 | .16 |
| 5 | JUVNL | MIN | .99 | .99 | .97 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .07 | .06 | .08 | .07 | .06 | .06 | .06 | .07 |
| | | GM | .26 | .24 | .28 | .26 | .25 | .25 | .25 | .26 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .16 | .14 | .19 | .17 | .15 | .16 | .15 | .17 |
| | | GM | .35 | .32 | .38 | .35 | .33 | .34 | .34 | .35 |
| 7 | JUVNL | MIN | .02 | .00 | .10 | .03 | .00 | .01 | .00 | .03 |
| | | GM | .16 | .00 | .32 | .18 | .00 | .11 | .07 | .18 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .22 | .18 | .28 | .22 | .20 | .21 | .20 | .22 |
| | | GM | .47 | .43 | .53 | .47 | .44 | .46 | .45 | .47 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.087 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5563500 Kickapoo Creek at Peoria

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .63 | .91 | .27 | .59 | .86 | .75 | .76 | .63 |
| | | GM | .80 | .96 | .52 | .77 | .93 | .86 | .87 | .80 |
| | ADULT | MIN | .35 | .30 | .42 | .35 | .31 | .33 | .32 | .35 |
| | | GM | .59 | .55 | .64 | .59 | .55 | .57 | .57 | .59 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .09 | .10 | .06 | .08 | .10 | .09 | .09 | .09 |
| 3 | JUVNL | MIN | .06 | .05 | .09 | .06 | .05 | .05 | .05 | .06 |
| | | GM | .24 | .21 | .31 | .24 | .22 | .23 | .23 | .24 |
| | ADULT | MIN | .13 | .11 | .16 | .13 | .12 | .13 | .12 | .13 |
| | | GM | .36 | .33 | .41 | .37 | .34 | .35 | .35 | .36 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .07 | .07 | .08 |
| | | GM | .19 | .18 | .20 | .19 | .18 | .18 | .18 | .19 |
| | ADULT | MIN | .12 | .11 | .13 | .12 | .11 | .12 | .11 | .12 |
| | | GM | .34 | .33 | .36 | .35 | .33 | .34 | .34 | .34 |
| 5 | JUVNL | MIN | .99 | .99 | .97 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .11 | .15 | .13 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .34 | .38 | .35 | .34 | .35 | .34 | .35 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .34 | .31 | .39 | .34 | .31 | .33 | .32 | .34 |
| | | GM | .50 | .48 | .54 | .50 | .48 | .49 | .49 | .50 |
| 7 | JUVNL | MIN | .42 | .35 | .53 | .43 | .36 | .40 | .39 | .42 |
| | | GM | .65 | .59 | .73 | .66 | .60 | .63 | .62 | .65 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .55 | .49 | .61 | .56 | .51 | .53 | .52 | .55 |
| | | GM | .74 | .70 | .78 | .75 | .71 | .73 | .72 | .74 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .07 | .16 | .10 | .08 | .09 | .09 | .10 |
| | | GM | .31 | .27 | .40 | .31 | .28 | .30 | .29 | .31 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.088 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5567500 Mackinaw River near Congerville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .59 | .95 | .26 | .73 | .81 | .59 | .69 | .45 |
| | | GM | .77 | .98 | .51 | .85 | .90 | .77 | .83 | .67 |
| | ADULT | MIN | .55 | .50 | .60 | .54 | .53 | .55 | .55 | .57 |
| | | GM | .74 | .71 | .77 | .73 | .73 | .74 | .74 | .76 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .06 | .02 | .05 | .05 | .04 | .05 | .04 |
| 3 | JUVNL | MIN | .17 | .13 | .20 | .16 | .15 | .17 | .16 | .18 |
| | | GM | .41 | .36 | .44 | .40 | .39 | .41 | .40 | .42 |
| | ADULT | MIN | .22 | .20 | .24 | .22 | .21 | .22 | .22 | .23 |
| | | GM | .47 | .45 | .49 | .46 | .46 | .47 | .47 | .48 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .08 | .08 | .08 |
| | | GM | .20 | .19 | .21 | .20 | .20 | .20 | .20 | .20 |
| | ADULT | MIN | .15 | .14 | .16 | .15 | .15 | .15 | .15 | .15 |
| | | GM | .39 | .38 | .39 | .38 | .38 | .39 | .39 | .39 |
| 5 | JUVNL | MIN | .99 | .99 | .97 | .99 | .99 | .99 | .99 | .98 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .18 | .17 | .19 | .17 | .17 | .18 | .18 | .18 |
| | | GM | .42 | .41 | .43 | .42 | .41 | .42 | .42 | .42 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .45 | .43 | .48 | .44 | .44 | .45 | .45 | .46 |
| | | GM | .58 | .56 | .60 | .57 | .57 | .58 | .58 | .58 |
| 7 | JUVNL | MIN | .66 | .62 | .70 | .65 | .64 | .66 | .65 | .67 |
| | | GM | .81 | .78 | .84 | .80 | .80 | .81 | .81 | .82 |
| | ADULT | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .20 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .70 | .66 | .72 | .69 | .68 | .70 | .69 | .70 |
| | | GM | .83 | .82 | .85 | .83 | .83 | .83 | .83 | .84 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .27 | .22 | .32 | .26 | .25 | .27 | .27 | .29 |
| | | GM | .52 | .47 | .57 | .51 | .50 | .52 | .52 | .54 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.089 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5568000 Mackinaw River near Green Valley

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .08 | .12 | .06 | .10 | .09 | .08 | .09 | .08 |
| | | GM | .28 | .34 | .25 | .32 | .30 | .28 | .30 | .28 |
| | ADULT | MIN | .77 | .53 | .74 | .60 | .68 | .75 | .67 | .75 |
| | | GM | .78 | .68 | .79 | .71 | .74 | .76 | .74 | .76 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .03 | .00 | .02 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .74 | .15 | .92 | .19 | .37 | .65 | .34 | .65 |
| | | GM | .85 | .39 | .95 | .44 | .60 | .80 | .58 | .80 |
| | ADULT | MIN | .43 | .21 | .73 | .24 | .31 | .39 | .30 | .39 |
| | | GM | .65 | .46 | .84 | .48 | .55 | .62 | .54 | .62 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .22 | .21 | .23 | .21 | .21 | .22 | .21 | .22 |
| | ADULT | MIN | .18 | .15 | .19 | .15 | .16 | .17 | .16 | .17 |
| | | GM | .41 | .38 | .43 | .39 | .40 | .41 | .40 | .41 |
| 5 | JUVNL | MIN | .90 | .93 | .89 | .92 | .91 | .90 | .91 | .90 |
| | | GM | .95 | .96 | .94 | .96 | .95 | .95 | .95 | .95 |
| | ADULT | MIN | .22 | .17 | .25 | .19 | .20 | .22 | .20 | .22 |
| | | GM | .46 | .41 | .48 | .42 | .44 | .45 | .43 | .45 |
| 6 | JUVNL | MIN | .96 | .99 | .95 | .98 | .97 | .96 | .97 | .96 |
| | | GM | .98 | .99 | .97 | .99 | .98 | .98 | .99 | .98 |
| | ADULT | MIN | .57 | .44 | .64 | .47 | .52 | .56 | .51 | .56 |
| | | GM | .66 | .58 | .70 | .60 | .63 | .65 | .62 | .65 |
| 7 | JUVNL | MIN | .81 | .64 | .88 | .69 | .75 | .79 | .75 | .79 |
| | | GM | .89 | .80 | .93 | .83 | .86 | .89 | .86 | .89 |
| | ADULT | MIN | .63 | .00 | .80 | .03 | .27 | .56 | .24 | .56 |
| | | GM | .79 | .00 | .90 | .17 | .52 | .75 | .49 | .75 |
| 8 | JUVNL | MIN | .78 | .68 | .83 | .71 | .74 | .77 | .74 | .77 |
| | | GM | .88 | .83 | .91 | .85 | .86 | .88 | .86 | .88 |
| | ADULT | MIN | .01 | .00 | .07 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .09 | .00 | .27 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .98 | .99 | .97 | .98 | .98 | .98 | .98 | .98 |
| | | GM | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .60 | .25 | .72 | .32 | .45 | .56 | .43 | .56 |
| | | GM | .75 | .50 | .82 | .55 | .65 | .73 | .64 | .73 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.090 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5568500 Illinois River at Kingston Mines

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .09 | .00 | .05 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .06 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .06 | .00 | .05 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .07 | .00 | .06 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .86 | .93 | .84 | .91 | .86 | .86 | .86 | .85 |
| | | GM | .92 | .96 | .92 | .96 | .93 | .92 | .93 | .92 |
| 5 | JUVNL | MIN | .51 | .79 | .43 | .74 | .54 | .51 | .53 | .47 |
| | | GM | .71 | .89 | .66 | .86 | .74 | .71 | .73 | .69 |
| | ADULT | MIN | .66 | .85 | .59 | .83 | .69 | .66 | .68 | .63 |
| | | GM | .66 | .86 | .60 | .83 | .69 | .66 | .68 | .64 |
| 6 | JUVNL | MIN | .54 | .85 | .48 | .80 | .57 | .54 | .56 | .52 |
| | | GM | .74 | .92 | .69 | .89 | .75 | .74 | .75 | .72 |
| | ADULT | MIN | .86 | .79 | .88 | .80 | .85 | .86 | .85 | .87 |
| | | GM | .93 | .89 | .94 | .90 | .92 | .93 | .92 | .93 |
| 7 | JUVNL | MIN | .91 | .97 | .90 | .96 | .92 | .91 | .92 | .91 |
| | | GM | .96 | .98 | .95 | .98 | .96 | .96 | .96 | .95 |
| | ADULT | MIN | .95 | 1.00 | .94 | 1.00 | .95 | .95 | .95 | .94 |
| | | GM | .97 | 1.00 | .97 | 1.00 | .97 | .97 | .97 | .97 |
| 8 | JUVNL | MIN | .23 | .65 | .14 | .59 | .29 | .23 | .27 | .20 |
| | | GM | .48 | .81 | .38 | .77 | .53 | .48 | .52 | .45 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .40 | .82 | .33 | .76 | .43 | .40 | .42 | .37 |
| | | GM | .63 | .91 | .58 | .87 | .65 | .63 | .65 | .61 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.091 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5568800 Indian Creek near Wyoming

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .46 | .71 | .35 | .58 | .75 | .62 | .73 | .61 |
| | | GM | .68 | .84 | .59 | .76 | .86 | .79 | .86 | .78 |
| | ADULT | MIN | .12 | .11 | .13 | .11 | .11 | .11 | .11 | .11 |
| | | GM | .35 | .33 | .36 | .34 | .33 | .34 | .33 | .34 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .05 | .06 | .05 | .06 | .07 | .06 | .07 | .06 |
| | | GM | .20 | .24 | .19 | .22 | .25 | .23 | .25 | .23 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .02 | .03 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .16 | .15 | .17 | .16 | .15 | .15 | .15 | .15 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .14 | .13 | .14 | .13 | .13 | .13 | .13 | .13 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .98 | .99 | .98 | .99 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .06 | .05 | .06 | .05 | .05 | .05 | .05 | .05 |
| | | GM | .24 | .22 | .24 | .23 | .22 | .23 | .22 | .23 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .14 | .12 | .14 | .13 | .12 | .13 | .12 | .13 |
| | | GM | .32 | .30 | .33 | .31 | .30 | .31 | .30 | .31 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .17 | .14 | .19 | .16 | .14 | .15 | .14 | .15 |
| | | GM | .41 | .38 | .43 | .40 | .37 | .39 | .37 | .39 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.092 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5569500 Spoon River at London Mills

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .40 | .75 | .20 | .50 | .62 | .47 | .54 | .40 |
| | | GM | .62 | .87 | .40 | .69 | .79 | .68 | .73 | .61 |
| | ADULT | MIN | 1.00 | .94 | .96 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .97 | .98 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | .97 | 1.00 | 1.00 | .98 | 1.00 | .99 | 1.00 |
| | | GM | 1.00 | .98 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | .96 | 1.00 | 1.00 | .98 | 1.00 | .99 | 1.00 |
| | | GM | 1.00 | .98 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .24 | .22 | .28 | .24 | .23 | .24 | .23 | .24 |
| | ADULT | MIN | .41 | .22 | .79 | .31 | .25 | .32 | .28 | .42 |
| | | GM | .64 | .47 | .89 | .56 | .50 | .57 | .53 | .65 |
| 5 | JUVNL | MIN | .98 | .99 | .96 | .99 | .99 | .98 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | .99 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .36 | .28 | .46 | .34 | .31 | .34 | .32 | .36 |
| | | GM | .60 | .53 | .67 | .58 | .56 | .59 | .57 | .60 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .75 | .73 | .75 | .74 | .74 | .74 | .74 | .75 |
| | | GM | .83 | .73 | .87 | .81 | .77 | .81 | .79 | .83 |
| 7 | JUVNL | MIN | 1.00 | .93 | 1.00 | 1.00 | .97 | 1.00 | .99 | 1.00 |
| | | GM | 1.00 | .97 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | .92 | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .96 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .95 | .87 | 1.00 | .94 | .91 | .94 | .92 | .96 |
| | | GM | .98 | .93 | 1.00 | .97 | .95 | .97 | .96 | .98 |
| | ADULT | MIN | .33 | .15 | .55 | .28 | .22 | .29 | .25 | .34 |
| | | GM | .58 | .39 | .74 | .53 | .46 | .54 | .50 | .58 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .90 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .95 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .99 | .83 | 1.00 | .96 | .90 | .96 | .94 | .99 |
| | | GM | .99 | .91 | 1.00 | .98 | .95 | .98 | .97 | 1.00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.093 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5570000 Spoon River at Seville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .08 | .13 | .05 | .08 | .11 | .09 | .10 | .08 |
| | | GM | .27 | .35 | .19 | .28 | .33 | .30 | .32 | .28 |
| | ADULT | MIN | .78 | .88 | .70 | .79 | .86 | .81 | .84 | .80 |
| | | GM | .88 | .89 | .84 | .89 | .90 | .90 | .91 | .89 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .98 | .95 | .97 | .98 | .97 | .98 | .98 | .98 |
| | | GM | .99 | .97 | .98 | .99 | .98 | .99 | .98 | .99 |
| | ADULT | MIN | .97 | .91 | .96 | .97 | .96 | .98 | .98 | .97 |
| | | GM | .99 | .95 | .98 | .99 | .97 | .98 | .98 | .99 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .25 | .23 | .29 | .25 | .23 | .24 | .23 | .25 |
| | ADULT | MIN | .40 | .20 | .86 | .32 | .22 | .28 | .24 | .32 |
| | | GM | .62 | .45 | .90 | .56 | .47 | .52 | .48 | .56 |
| 5 | JUVNL | MIN | .90 | .93 | .87 | .91 | .92 | .91 | .92 | .91 |
| | | GM | .95 | .97 | .93 | .95 | .96 | .95 | .96 | .95 |
| | ADULT | MIN | .36 | .27 | .50 | .34 | .28 | .32 | .30 | .34 |
| | | GM | .58 | .51 | .67 | .56 | .52 | .55 | .53 | .56 |
| 6 | JUVNL | MIN | .96 | .99 | .93 | .97 | .98 | .97 | .98 | .97 |
| | | GM | .98 | 1.00 | .97 | .98 | .99 | .99 | .99 | .98 |
| | ADULT | MIN | .76 | .69 | .77 | .76 | .74 | .76 | .76 | .76 |
| | | GM | .84 | .72 | .88 | .82 | .75 | .80 | .77 | .82 |
| 7 | JUVNL | MIN | .99 | .91 | .98 | .99 | .94 | .99 | .96 | .99 |
| | | GM | .99 | .95 | .99 | .99 | .97 | .99 | .98 | .99 |
| | ADULT | MIN | 1.00 | .87 | 1.00 | 1.00 | .93 | 1.00 | .96 | 1.00 |
| | | GM | 1.00 | .93 | 1.00 | 1.00 | .97 | 1.00 | .98 | 1.00 |
| 8 | JUVNL | MIN | .95 | .85 | 1.00 | .94 | .88 | .92 | .90 | .94 |
| | | GM | .98 | .92 | 1.00 | .97 | .94 | .96 | .95 | .97 |
| | ADULT | MIN | .33 | .12 | .62 | .29 | .16 | .25 | .19 | .29 |
| | | GM | .57 | .34 | .79 | .54 | .40 | .50 | .44 | .54 |
| 9 | JUVNL | MIN | .98 | .99 | .86 | .98 | .99 | .98 | .98 | .98 |
| | | GM | .99 | .99 | .91 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .94 | .79 | .91 | .95 | .84 | .94 | .88 | .95 |
| | | GM | .97 | .88 | .95 | .96 | .90 | .95 | .92 | .96 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.094 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5571000 Sangamon River at Mahomet

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .68 | .90 | .58 | .85 | .90 | .78 | .84 | .67 |
| | | GM | .83 | .95 | .76 | .92 | .95 | .88 | .91 | .82 |
| | ADULT | MIN | .31 | .30 | .32 | .30 | .30 | .30 | .30 | .31 |
| | | GM | .56 | .54 | .56 | .55 | .54 | .55 | .55 | .56 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .09 | .10 | .09 | .10 | .10 | .10 | .10 | .09 |
| 3 | JUVNL | MIN | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 |
| | | GM | .22 | .21 | .22 | .22 | .21 | .22 | .22 | .22 |
| | ADULT | MIN | .12 | .11 | .12 | .11 | .11 | .11 | .11 | .12 |
| | | GM | .34 | .33 | .34 | .33 | .33 | .34 | .33 | .34 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .08 |
| | | GM | .18 | .18 | .18 | .18 | .18 | .18 | .18 | .18 |
| | ADULT | MIN | .11 | .11 | .11 | .11 | .11 | .11 | .11 | .11 |
| | | GM | .33 | .33 | .34 | .33 | .33 | .33 | .33 | .33 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .11 | .12 | .11 | .11 | .11 | .11 | .12 |
| | | GM | .34 | .34 | .34 | .34 | .34 | .34 | .34 | .34 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .32 | .30 | .32 | .31 | .30 | .31 | .31 | .32 |
| | | GM | .48 | .47 | .49 | .48 | .47 | .48 | .48 | .48 |
| 7 | JUVNL | MIN | .37 | .34 | .38 | .35 | .34 | .36 | .35 | .37 |
| | | GM | .61 | .58 | .61 | .59 | .58 | .60 | .59 | .61 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .51 | .49 | .51 | .50 | .49 | .50 | .50 | .51 |
| | | GM | .71 | .70 | .72 | .70 | .70 | .71 | .70 | .71 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .08 | .07 | .08 | .07 | .07 | .08 | .07 | .08 |
| | | GM | .28 | .27 | .29 | .27 | .27 | .28 | .27 | .28 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.095 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5572000 Sangamon River at Monticello

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .65 | .85 | .54 | .74 | .77 | .69 | .73 | .62 |
| | | GM | .81 | .92 | .73 | .86 | .88 | .83 | .86 | .79 |
| | ADULT | MIN | .56 | .43 | .64 | .50 | .47 | .53 | .51 | .58 |
| | | GM | .75 | .66 | .80 | .71 | .69 | .73 | .71 | .76 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .07 | .00 | .06 | .06 | .05 | .06 | .04 |
| 3 | JUVNL | MIN | .17 | .10 | .24 | .13 | .12 | .15 | .14 | .18 |
| | | GM | .42 | .32 | .49 | .36 | .34 | .39 | .37 | .43 |
| | ADULT | MIN | .23 | .17 | .28 | .20 | .19 | .21 | .20 | .23 |
| | | GM | .48 | .42 | .53 | .45 | .44 | .46 | .45 | .48 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .08 | .07 | .08 |
| | | GM | .20 | .19 | .20 | .19 | .19 | .20 | .19 | .20 |
| | ADULT | MIN | .15 | .13 | .16 | .14 | .14 | .15 | .14 | .15 |
| | | GM | .39 | .37 | .40 | .38 | .37 | .38 | .38 | .39 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .18 | .15 | .20 | .17 | .16 | .17 | .17 | .18 |
| | | GM | .42 | .39 | .44 | .41 | .40 | .42 | .41 | .43 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .45 | .40 | .50 | .43 | .41 | .44 | .43 | .46 |
| | | GM | .58 | .54 | .61 | .56 | .55 | .57 | .56 | .59 |
| 7 | JUVNL | MIN | .67 | .55 | .73 | .62 | .60 | .64 | .62 | .68 |
| | | GM | .82 | .74 | .85 | .78 | .77 | .80 | .79 | .82 |
| | ADULT | MIN | .00 | .00 | .14 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .37 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .70 | .63 | .73 | .67 | .65 | .68 | .67 | .71 |
| | | GM | .84 | .79 | .86 | .82 | .81 | .83 | .82 | .84 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .28 | .17 | .39 | .22 | .20 | .25 | .23 | .30 |
| | | GM | .53 | .42 | .63 | .47 | .44 | .50 | .48 | .55 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.096 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5574500 Flat Branch near Taylorville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .83 | .97 | .48 | .77 | .99 | .88 | .96 | .80 |
| | | GM | .91 | .98 | .69 | .88 | .99 | .94 | .98 | .89 |
| | ADULT | MIN | .35 | .31 | .42 | .37 | .28 | .34 | .32 | .36 |
| | | GM | .60 | .56 | .65 | .60 | .53 | .59 | .57 | .60 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .09 | .10 | .07 | .08 | .11 | .09 | .09 | .09 |
| 3 | JUVNL | MIN | .06 | .05 | .10 | .07 | .04 | .06 | .05 | .06 |
| | | GM | .25 | .22 | .31 | .26 | .20 | .24 | .23 | .25 |
| | ADULT | MIN | .14 | .12 | .17 | .14 | .10 | .13 | .12 | .14 |
| | | GM | .37 | .34 | .41 | .38 | .32 | .36 | .35 | .37 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .18 | .18 | .19 | .19 | .17 | .18 | .18 | .19 |
| | ADULT | MIN | .12 | .11 | .13 | .12 | .11 | .12 | .11 | .12 |
| | | GM | .35 | .33 | .36 | .35 | .33 | .34 | .34 | .35 |
| 5 | JUVNL | MIN | .99 | 1.00 | .98 | .99 | 1.00 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .13 | .12 | .15 | .13 | .11 | .12 | .12 | .13 |
| | | GM | .36 | .34 | .38 | .36 | .33 | .35 | .34 | .36 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .34 | .32 | .39 | .35 | .29 | .34 | .32 | .35 |
| | | GM | .50 | .48 | .54 | .51 | .46 | .50 | .49 | .51 |
| 7 | JUVNL | MIN | .43 | .37 | .53 | .45 | .32 | .42 | .38 | .44 |
| | | GM | .66 | .61 | .73 | .67 | .56 | .65 | .62 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .56 | .51 | .62 | .57 | .47 | .55 | .52 | .56 |
| | | GM | .75 | .71 | .79 | .75 | .69 | .74 | .72 | .75 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .08 | .16 | .11 | .07 | .10 | .09 | .11 |
| | | GM | .32 | .28 | .40 | .33 | .26 | .31 | .29 | .32 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.097 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5575500 South Fork Sangamon River at Kincaid

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .67 | .88 | .48 | .72 | .93 | .80 | .89 | .75 |
| | | GM | .82 | .94 | .69 | .85 | .96 | .90 | .94 | .86 |
| | ADULT | MIN | .46 | .44 | .47 | .46 | .43 | .45 | .44 | .46 |
| | | GM | .68 | .66 | .69 | .68 | .66 | .67 | .66 | .68 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .00 |
| | | GM | .06 | .07 | .06 | .06 | .07 | .07 | .07 | .07 |
| 3 | JUVNL | MIN | .11 | .11 | .12 | .11 | .10 | .11 | .11 | .11 |
| | | GM | .33 | .33 | .34 | .33 | .32 | .33 | .33 | .33 |
| | ADULT | MIN | .18 | .18 | .19 | .18 | .17 | .18 | .18 | .18 |
| | | GM | .43 | .42 | .44 | .43 | .42 | .42 | .42 | .43 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .19 | .19 | .20 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .14 | .14 | .14 | .14 | .13 | .14 | .14 | .14 |
| | | GM | .37 | .37 | .37 | .37 | .37 | .37 | .37 | .37 |
| 5 | JUVNL | MIN | .99 | .99 | .98 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .16 | .15 | .16 | .16 | .15 | .15 | .15 | .16 |
| | | GM | .40 | .39 | .40 | .40 | .39 | .39 | .39 | .40 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .41 | .40 | .41 | .41 | .40 | .40 | .40 | .41 |
| | | GM | .55 | .54 | .56 | .55 | .54 | .55 | .54 | .55 |
| 7 | JUVNL | MIN | .58 | .56 | .59 | .58 | .55 | .57 | .56 | .58 |
| | | GM | .76 | .75 | .77 | .76 | .74 | .75 | .75 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .64 | .63 | .65 | .64 | .63 | .64 | .63 | .64 |
| | | GM | .80 | .79 | .81 | .80 | .79 | .80 | .79 | .80 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .19 | .18 | .20 | .19 | .17 | .18 | .18 | .19 |
| | | GM | .43 | .42 | .44 | .43 | .41 | .43 | .42 | .43 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.098 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5576000 South Fork Sangamon River near Rochester

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .46 | .78 | .16 | .39 | .78 | .52 | .69 | .42 |
| | | GM | .68 | .89 | .40 | .63 | .89 | .72 | .83 | .64 |
| | ADULT | MIN | .79 | .67 | .90 | .81 | .67 | .77 | .71 | .81 |
| | | GM | .89 | .82 | .91 | .90 | .82 | .88 | .85 | .90 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .79 | .35 | .95 | .86 | .35 | .73 | .51 | .85 |
| | | GM | .89 | .60 | .97 | .93 | .60 | .85 | .71 | .92 |
| | ADULT | MIN | .46 | .30 | .90 | .53 | .30 | .43 | .34 | .51 |
| | | GM | .68 | .55 | .95 | .73 | .55 | .65 | .58 | .71 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .08 | .08 |
| | | GM | .21 | .20 | .22 | .21 | .20 | .21 | .20 | .21 |
| | ADULT | MIN | .18 | .16 | .20 | .18 | .16 | .18 | .17 | .18 |
| | | GM | .42 | .41 | .45 | .43 | .41 | .42 | .41 | .43 |
| 5 | JUVNL | MIN | .98 | .99 | .95 | .98 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .97 | .99 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .23 | .20 | .26 | .23 | .20 | .22 | .21 | .23 |
| | | GM | .48 | .45 | .51 | .48 | .45 | .47 | .46 | .48 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .58 | .52 | .68 | .60 | .52 | .57 | .54 | .59 |
| | | GM | .66 | .62 | .72 | .67 | .62 | .65 | .63 | .66 |
| 7 | JUVNL | MIN | .82 | .75 | .90 | .83 | .75 | .81 | .77 | .83 |
| | | GM | .90 | .87 | .95 | .91 | .87 | .90 | .88 | .91 |
| | ADULT | MIN | .65 | .26 | .86 | .71 | .26 | .62 | .42 | .69 |
| | | GM | .81 | .51 | .93 | .84 | .51 | .79 | .65 | .83 |
| 8 | JUVNL | MIN | .79 | .74 | .85 | .80 | .74 | .78 | .76 | .79 |
| | | GM | .89 | .86 | .92 | .89 | .86 | .88 | .87 | .89 |
| | ADULT | MIN | .01 | .00 | .11 | .03 | .00 | .01 | .00 | .03 |
| | | GM | .12 | .00 | .33 | .18 | .00 | .08 | .00 | .17 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .62 | .44 | .78 | .66 | .44 | .59 | .50 | .65 |
| | | GM | .79 | .66 | .88 | .81 | .66 | .77 | .71 | .81 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.099 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5576500 Sangamon River at Riverton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .13 | .39 | .04 | .19 | .25 | .15 | .25 | .14 |
| | | GM | .34 | .61 | .17 | .41 | .48 | .37 | .48 | .35 |
| | ADULT | MIN | .89 | 1.00 | .65 | .95 | .98 | .91 | .98 | .90 |
| | | GM | .94 | 1.00 | .80 | .97 | .99 | .95 | .99 | .95 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .99 | 1.00 | .96 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .99 | 1.00 | .94 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | | GM | .99 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .26 | .24 | .29 | .25 | .25 | .26 | .25 | .26 |
| | ADULT | MIN | .58 | .36 | .74 | .51 | .47 | .55 | .46 | .57 |
| | | GM | .76 | .60 | .83 | .72 | .69 | .74 | .68 | .75 |
| 5 | JUVNL | MIN | .94 | .98 | .85 | .96 | .96 | .94 | .97 | .94 |
| | | GM | .97 | .99 | .92 | .98 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .40 | .35 | .44 | .38 | .37 | .39 | .37 | .39 |
| | | GM | .62 | .59 | .63 | .61 | .61 | .61 | .61 | .62 |
| 6 | JUVNL | MIN | .99 | 1.00 | .91 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .75 | .75 | .77 | .75 | .75 | .75 | .75 | .75 |
| | | GM | .86 | .82 | .88 | .85 | .84 | .85 | .84 | .86 |
| 7 | JUVNL | MIN | .99 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .98 | .95 | 1.00 | .97 | .96 | .97 | .96 | .98 |
| | | GM | .99 | .97 | 1.00 | .98 | .98 | .99 | .98 | .99 |
| | ADULT | MIN | .42 | .31 | .51 | .39 | .37 | .41 | .36 | .42 |
| | | GM | .65 | .56 | .72 | .62 | .61 | .64 | .60 | .65 |
| 9 | JUVNL | MIN | .97 | 1.00 | .93 | .98 | .99 | .98 | .99 | .97 |
| | | GM | .98 | 1.00 | .95 | .99 | 1.00 | .99 | 1.00 | .98 |
| | ADULT | MIN | .98 | .98 | .89 | 1.00 | 1.00 | .99 | 1.00 | .98 |
| | | GM | .99 | .99 | .94 | 1.00 | 1.00 | .99 | 1.00 | .99 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.100 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5578500 Salt Creek near Rowell

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .50 | .70 | .41 | .62 | .65 | .57 | .57 | .48 |
| | | GM | .71 | .84 | .64 | .79 | .81 | .76 | .76 | .69 |
| | ADULT | MIN | .36 | .32 | .38 | .33 | .33 | .35 | .35 | .37 |
| | | GM | .60 | .56 | .62 | .58 | .57 | .59 | .59 | .61 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .09 | .08 | .09 | .09 | .09 | .09 | .08 |
| 3 | JUVNL | MIN | .06 | .05 | .08 | .06 | .05 | .06 | .06 | .07 |
| | | GM | .25 | .23 | .28 | .23 | .23 | .24 | .24 | .26 |
| | ADULT | MIN | .14 | .12 | .15 | .13 | .12 | .13 | .13 | .14 |
| | | GM | .37 | .35 | .39 | .36 | .35 | .36 | .36 | .38 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .19 | .18 | .18 | .19 | .19 | .19 |
| | ADULT | MIN | .12 | .11 | .13 | .12 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .34 | .35 | .34 | .34 | .34 | .34 | .35 |
| 5 | JUVNL | MIN | .99 | .99 | .98 | .99 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .13 | .12 | .14 | .12 | .12 | .12 | .12 | .13 |
| | | GM | .36 | .34 | .37 | .35 | .35 | .35 | .35 | .36 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .35 | .32 | .36 | .33 | .33 | .34 | .34 | .35 |
| | | GM | .51 | .49 | .52 | .50 | .49 | .50 | .50 | .51 |
| 7 | JUVNL | MIN | .45 | .38 | .48 | .40 | .40 | .42 | .42 | .45 |
| | | GM | .67 | .62 | .69 | .64 | .63 | .65 | .65 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .57 | .52 | .59 | .54 | .53 | .55 | .55 | .57 |
| | | GM | .75 | .72 | .76 | .73 | .73 | .74 | .74 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .11 | .08 | .13 | .09 | .09 | .10 | .10 | .11 |
| | | GM | .33 | .29 | .36 | .30 | .30 | .31 | .31 | .33 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.101 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5579500 Lake Fork near Cornland

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .67 | .93 | .61 | .91 | .83 | .74 | .86 | .74 |
| | | GM | .82 | .97 | .78 | .95 | .91 | .86 | .92 | .86 |
| | ADULT | MIN | .26 | .23 | .26 | .24 | .25 | .25 | .24 | .25 |
| | | GM | .51 | .48 | .51 | .49 | .49 | .50 | .49 | .50 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 |
| | | GM | .12 | .14 | .12 | .14 | .13 | .13 | .14 | .13 |
| 3 | JUVNL | MIN | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 |
| | | GM | .19 | .16 | .19 | .17 | .17 | .18 | .17 | .18 |
| | ADULT | MIN | .09 | .08 | .09 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .31 | .29 | .31 | .29 | .30 | .30 | .29 | .30 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .17 | .17 | .17 | .17 | .17 | .17 | .17 | .17 |
| | ADULT | MIN | .10 | .09 | .10 | .09 | .10 | .10 | .09 | .10 |
| | | GM | .32 | .30 | .32 | .30 | .31 | .32 | .31 | .32 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .10 | .11 | .10 | .10 | .10 | .10 | .10 |
| | | GM | .32 | .31 | .32 | .31 | .32 | .32 | .32 | .32 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .28 | .25 | .28 | .26 | .26 | .27 | .26 | .27 |
| | | GM | .45 | .43 | .45 | .44 | .44 | .45 | .44 | .45 |
| 7 | JUVNL | MIN | .27 | .22 | .28 | .23 | .25 | .27 | .24 | .27 |
| | | GM | .52 | .47 | .53 | .48 | .50 | .52 | .49 | .52 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .44 | .40 | .44 | .40 | .42 | .43 | .41 | .43 |
| | | GM | .66 | .63 | .67 | .64 | .65 | .66 | .64 | .66 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .05 | .04 | .05 | .04 | .04 | .05 | .04 | .05 |
| | | GM | .23 | .19 | .23 | .20 | .21 | .22 | .20 | .22 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.102 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5580000 Kickapoo Creek at Waynesville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .39 | .65 | .26 | .46 | .72 | .53 | .63 | .45 |
| | | GM | .63 | .81 | .51 | .68 | .85 | .73 | .79 | .67 |
| | ADULT | MIN | .33 | .28 | .39 | .31 | .26 | .30 | .28 | .32 |
| | | GM | .58 | .53 | .62 | .56 | .51 | .55 | .53 | .57 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 |
| | | GM | .08 | .11 | .06 | .09 | .12 | .09 | .11 | .09 |
| 3 | JUVNL | MIN | .05 | .04 | .08 | .05 | .04 | .05 | .04 | .05 |
| | | GM | .23 | .20 | .28 | .22 | .19 | .22 | .20 | .23 |
| | ADULT | MIN | .13 | .10 | .15 | .12 | .09 | .11 | .10 | .12 |
| | | GM | .35 | .32 | .39 | .34 | .31 | .33 | .32 | .35 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .07 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .19 | .18 | .17 | .18 | .18 | .18 |
| | ADULT | MIN | .12 | .10 | .13 | .11 | .10 | .11 | .11 | .11 |
| | | GM | .34 | .32 | .35 | .34 | .32 | .33 | .33 | .34 |
| 5 | JUVNL | MIN | .98 | .99 | .97 | .98 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | .99 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .12 | .11 | .14 | .12 | .10 | .11 | .11 | .12 |
| | | GM | .35 | .33 | .37 | .34 | .32 | .34 | .33 | .34 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .33 | .29 | .37 | .32 | .28 | .31 | .29 | .32 |
| | | GM | .50 | .46 | .52 | .49 | .45 | .48 | .47 | .49 |
| 7 | JUVNL | MIN | .40 | .31 | .48 | .37 | .28 | .35 | .32 | .38 |
| | | GM | .63 | .55 | .69 | .61 | .53 | .59 | .56 | .62 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .53 | .46 | .59 | .51 | .44 | .49 | .47 | .52 |
| | | GM | .73 | .68 | .77 | .72 | .67 | .70 | .68 | .72 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .09 | .06 | .13 | .08 | .05 | .07 | .06 | .08 |
| | | GM | .30 | .25 | .36 | .29 | .23 | .27 | .25 | .29 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.103 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5580500 Kickapoo Creek near Lincoln

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .50 | .80 | .28 | .56 | .65 | .51 | .65 | .51 |
| | | GM | .71 | .89 | .53 | .75 | .81 | .72 | .81 | .72 |
| | ADULT | MIN | .37 | .31 | .43 | .36 | .34 | .37 | .34 | .37 |
| | | GM | .61 | .56 | .65 | .60 | .58 | .61 | .58 | .61 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .09 | .05 | .08 | .09 | .08 | .09 | .08 |
| 3 | JUVNL | MIN | .07 | .05 | .10 | .06 | .06 | .07 | .06 | .07 |
| | | GM | .26 | .22 | .32 | .25 | .24 | .26 | .24 | .26 |
| | ADULT | MIN | .14 | .12 | .17 | .14 | .13 | .14 | .13 | .14 |
| | | GM | .38 | .34 | .41 | .37 | .36 | .38 | .36 | .38 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .20 | .19 | .18 | .19 | .18 | .19 |
| | ADULT | MIN | .12 | .11 | .13 | .12 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .34 | .37 | .35 | .34 | .35 | .34 | .35 |
| 5 | JUVNL | MIN | .99 | .99 | .97 | .99 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .98 | .99 | 1.00 | .99 | 1.00 | .99 |
| | ADULT | MIN | .13 | .12 | .15 | .13 | .12 | .13 | .12 | .13 |
| | | GM | .36 | .34 | .39 | .36 | .35 | .36 | .35 | .36 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .35 | .32 | .39 | .35 | .34 | .35 | .34 | .35 |
| | | GM | .51 | .48 | .54 | .51 | .50 | .51 | .50 | .51 |
| 7 | JUVNL | MIN | .45 | .37 | .55 | .44 | .41 | .45 | .41 | .45 |
| | | GM | .67 | .61 | .74 | .66 | .64 | .67 | .64 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .57 | .51 | .62 | .56 | .54 | .57 | .54 | .57 |
| | | GM | .76 | .72 | .79 | .75 | .74 | .76 | .74 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .11 | .08 | .17 | .10 | .09 | .11 | .09 | .11 |
| | | GM | .33 | .28 | .41 | .32 | .31 | .33 | .31 | .33 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.104 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5581500 Sugar Creek near Hartsburg

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .46 | .76 | .29 | .57 | .57 | .50 | .53 | .43 |
| | | GM | .68 | .87 | .54 | .75 | .75 | .71 | .73 | .65 |
| | ADULT | MIN | .37 | .34 | .39 | .36 | .36 | .37 | .37 | .38 |
| | | GM | .61 | .58 | .63 | .60 | .60 | .60 | .60 | .61 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .09 | .06 | .08 | .08 | .08 | .08 | .08 |
| 3 | JUVNL | MIN | .07 | .06 | .08 | .06 | .06 | .07 | .07 | .07 |
| | | GM | .26 | .24 | .29 | .25 | .25 | .26 | .26 | .27 |
| | ADULT | MIN | .14 | .13 | .15 | .14 | .14 | .14 | .14 | .15 |
| | | GM | .38 | .36 | .39 | .37 | .37 | .38 | .38 | .38 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .19 | .19 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .12 | .12 | .13 | .12 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .34 | .36 | .35 | .35 | .35 | .35 | .35 |
| 5 | JUVNL | MIN | .98 | .99 | .97 | .99 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .99 | 1.00 | 1.00 | .99 | .99 | .99 |
| | ADULT | MIN | .13 | .12 | .14 | .13 | .13 | .13 | .13 | .13 |
| | | GM | .36 | .35 | .37 | .36 | .36 | .36 | .36 | .37 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .36 | .33 | .37 | .35 | .35 | .35 | .35 | .36 |
| | | GM | .51 | .50 | .53 | .51 | .51 | .51 | .51 | .52 |
| 7 | JUVNL | MIN | .46 | .41 | .49 | .44 | .44 | .45 | .45 | .47 |
| | | GM | .68 | .64 | .70 | .67 | .67 | .67 | .67 | .68 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .57 | .54 | .59 | .57 | .57 | .57 | .57 | .58 |
| | | GM | .76 | .74 | .77 | .75 | .75 | .76 | .76 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .12 | .09 | .14 | .11 | .11 | .11 | .11 | .12 |
| | | GM | .34 | .30 | .37 | .33 | .33 | .33 | .33 | .35 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.105 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5582000 Salt Creek near Greenview

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .03 | .18 | .00 | .13 | .07 | .04 | .07 | .04 |
| | | GM | .17 | .43 | .07 | .36 | .27 | .21 | .27 | .21 |
| | ADULT | MIN | .62 | .94 | .51 | .89 | .76 | .67 | .77 | .67 |
| | | GM | .78 | .94 | .72 | .92 | .87 | .82 | .87 | .82 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .95 | .97 | .92 | .97 | .98 | .96 | .98 | .96 |
| | | GM | .97 | .98 | .96 | .98 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .94 | .96 | .90 | .97 | .97 | .95 | .97 | .95 |
| | | GM | .96 | .98 | .95 | .98 | .97 | .97 | .98 | .97 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .08 | .09 | .08 | .09 |
| | | GM | .24 | .23 | .25 | .23 | .24 | .24 | .24 | .24 |
| | ADULT | MIN | .27 | .22 | .29 | .23 | .24 | .26 | .24 | .26 |
| | | GM | .50 | .47 | .51 | .47 | .48 | .50 | .48 | .50 |
| 5 | JUVNL | MIN | .84 | .95 | .78 | .94 | .90 | .86 | .90 | .86 |
| | | GM | .91 | .98 | .88 | .97 | .95 | .93 | .95 | .93 |
| | ADULT | MIN | .32 | .28 | .33 | .29 | .30 | .31 | .30 | .31 |
| | | GM | .53 | .52 | .53 | .52 | .53 | .53 | .53 | .53 |
| 6 | JUVNL | MIN | .90 | 1.00 | .85 | .99 | .96 | .92 | .96 | .92 |
| | | GM | .95 | 1.00 | .92 | 1.00 | .98 | .96 | .98 | .96 |
| | ADULT | MIN | .78 | .72 | .79 | .74 | .76 | .77 | .76 | .77 |
| | | GM | .80 | .74 | .82 | .75 | .77 | .79 | .77 | .79 |
| 7 | JUVNL | MIN | .98 | .93 | .97 | .94 | .97 | .98 | .97 | .98 |
| | | GM | .98 | .96 | .98 | .97 | .98 | .98 | .98 | .98 |
| | ADULT | MIN | .99 | .92 | 1.00 | .94 | .97 | .98 | .97 | .98 |
| | | GM | .99 | .96 | 1.00 | .97 | .98 | .99 | .98 | .99 |
| 8 | JUVNL | MIN | .92 | .87 | .93 | .88 | .90 | .91 | .90 | .91 |
| | | GM | .96 | .93 | .96 | .94 | .95 | .95 | .95 | .95 |
| | ADULT | MIN | .23 | .15 | .26 | .16 | .20 | .22 | .20 | .22 |
| | | GM | .48 | .38 | .51 | .41 | .45 | .47 | .45 | .47 |
| 9 | JUVNL | MIN | .96 | 1.00 | .95 | .99 | .98 | .97 | .98 | .97 |
| | | GM | .98 | 1.00 | .97 | 1.00 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .88 | .82 | .81 | .84 | .88 | .90 | .88 | .90 |
| | | GM | .90 | .91 | .88 | .91 | .91 | .90 | .91 | .90 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.106 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5582500 Crane Creek near Easton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .58 | .81 | .50 | .75 | .78 | .68 | .62 | .55 |
| | | GM | .76 | .90 | .71 | .86 | .88 | .82 | .79 | .74 |
| | ADULT | MIN | .12 | .10 | .13 | .11 | .11 | .11 | .12 | .13 |
| | | GM | .35 | .32 | .36 | .33 | .33 | .34 | .34 | .36 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .05 | .07 | .05 | .06 | .07 | .06 | .05 | .05 |
| | | GM | .21 | .26 | .20 | .24 | .25 | .23 | .21 | .20 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .03 | .02 | .03 | .02 | .02 | .02 | .03 | .03 |
| | | GM | .17 | .14 | .17 | .15 | .15 | .16 | .16 | .17 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .07 | .07 | .08 | .08 | .08 |
| | | GM | .14 | .13 | .14 | .13 | .13 | .13 | .14 | .14 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .99 | .99 | .99 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .06 | .05 | .06 | .05 | .05 | .05 | .06 | .06 |
| | | GM | .24 | .22 | .25 | .22 | .22 | .23 | .24 | .24 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .14 | .11 | .15 | .12 | .12 | .13 | .13 | .14 |
| | | GM | .32 | .29 | .33 | .30 | .30 | .31 | .32 | .33 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .18 | .13 | .19 | .14 | .14 | .16 | .17 | .19 |
| | | GM | .42 | .36 | .44 | .38 | .37 | .40 | .41 | .43 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.107 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5583000 Sangamon River near Oakford

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .04 | .18 | .00 | .09 | .08 | .05 | .09 | .06 |
| | | GM | .19 | .41 | .00 | .29 | .27 | .20 | .28 | .23 |
| | ADULT | MIN | .67 | .94 | .48 | .82 | .79 | .69 | .81 | .73 |
| | | GM | .82 | .97 | .70 | .91 | .89 | .83 | .90 | .85 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .96 | 1.00 | .91 | .98 | .98 | .97 | .98 | .97 |
| | | GM | .98 | 1.00 | .95 | .99 | .99 | .98 | .99 | .99 |
| | ADULT | MIN | .95 | 1.00 | .88 | .98 | .97 | .95 | .98 | .96 |
| | | GM | .97 | 1.00 | .94 | .99 | .99 | .98 | .99 | .98 |
| 4 | JUVNL | MIN | .09 | .08 | .09 | .08 | .08 | .09 | .08 | .08 |
| | | GM | .28 | .24 | .29 | .26 | .26 | .28 | .26 | .27 |
| | ADULT | MIN | .65 | .36 | .79 | .51 | .54 | .63 | .52 | .60 |
| | | GM | .79 | .60 | .85 | .70 | .72 | .77 | .71 | .76 |
| 5 | JUVNL | MIN | .86 | .95 | .76 | .91 | .91 | .87 | .91 | .88 |
| | | GM | .93 | .98 | .87 | .96 | .95 | .93 | .95 | .94 |
| | ADULT | MIN | .41 | .35 | .46 | .38 | .39 | .41 | .38 | .40 |
| | | GM | .61 | .58 | .62 | .60 | .60 | .61 | .60 | .60 |
| 6 | JUVNL | MIN | .92 | 1.00 | .82 | .97 | .97 | .93 | .97 | .94 |
| | | GM | .96 | 1.00 | .91 | .99 | .98 | .96 | .98 | .97 |
| | ADULT | MIN | .77 | .75 | .80 | .76 | .76 | .77 | .76 | .76 |
| | | GM | .87 | .82 | .89 | .85 | .85 | .87 | .85 | .87 |
| 7 | JUVNL | MIN | .98 | 1.00 | .97 | .99 | .99 | .98 | .99 | .98 |
| | | GM | .99 | 1.00 | .98 | .99 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | .99 | .95 | 1.00 | .97 | .97 | .98 | .97 | .98 |
| | | GM | .99 | .97 | 1.00 | .98 | .99 | .99 | .98 | .99 |
| | ADULT | MIN | .46 | .31 | .56 | .39 | .40 | .45 | .39 | .43 |
| | | GM | .67 | .56 | .75 | .62 | .63 | .67 | .62 | .66 |
| 9 | JUVNL | MIN | .96 | 1.00 | .90 | .98 | .98 | .96 | .98 | .97 |
| | | GM | .96 | 1.00 | .92 | .98 | .98 | .97 | .98 | .97 |
| | ADULT | MIN | .90 | .98 | .79 | .96 | .95 | .91 | .96 | .92 |
| | | GM | .95 | .98 | .89 | .98 | .97 | .95 | .98 | .96 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.108 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5584500 La Moine River at Colmar

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .27 | .50 | .10 | .25 | .54 | .36 | .49 | .31 |
| | | GM | .52 | .71 | .31 | .50 | .73 | .60 | .70 | .56 |
| | ADULT | MIN | .73 | .59 | .84 | .75 | .58 | .66 | .60 | .69 |
| | | GM | .85 | .77 | .86 | .86 | .76 | .81 | .78 | .83 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .03 | .00 | .00 | .04 | .00 | .03 | .00 |
| 3 | JUVNL | MIN | .57 | .19 | .94 | .66 | .18 | .29 | .20 | .41 |
| | | GM | .75 | .44 | .96 | .81 | .43 | .54 | .44 | .64 |
| | ADULT | MIN | .36 | .24 | .84 | .40 | .23 | .29 | .24 | .31 |
| | | GM | .60 | .49 | .91 | .63 | .48 | .54 | .49 | .56 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .21 | .20 | .23 | .21 | .20 | .21 | .20 | .21 |
| | ADULT | MIN | .17 | .15 | .20 | .17 | .15 | .16 | .16 | .17 |
| | | GM | .41 | .39 | .44 | .42 | .39 | .40 | .39 | .41 |
| 5 | JUVNL | MIN | .97 | .99 | .92 | .96 | .99 | .98 | .99 | .97 |
| | | GM | .98 | .99 | .96 | .98 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .21 | .19 | .26 | .22 | .18 | .20 | .19 | .21 |
| | | GM | .46 | .43 | .49 | .47 | .43 | .45 | .43 | .45 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .55 | .47 | .66 | .56 | .46 | .51 | .47 | .52 |
| | | GM | .64 | .59 | .71 | .65 | .59 | .61 | .59 | .63 |
| 7 | JUVNL | MIN | .78 | .69 | .89 | .80 | .68 | .74 | .70 | .76 |
| | | GM | .88 | .83 | .94 | .89 | .82 | .86 | .83 | .87 |
| | ADULT | MIN | .48 | .02 | .84 | .57 | .00 | .19 | .04 | .32 |
| | | GM | .69 | .14 | .92 | .76 | .00 | .44 | .19 | .56 |
| 8 | JUVNL | MIN | .76 | .71 | .84 | .77 | .71 | .74 | .72 | .75 |
| | | GM | .87 | .84 | .92 | .88 | .84 | .86 | .85 | .87 |
| | ADULT | MIN | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .31 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .53 | .31 | .76 | .57 | .30 | .41 | .32 | .46 |
| | | GM | .73 | .56 | .86 | .75 | .55 | .64 | .57 | .68 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.109 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5585000 La Moine River at Ripley

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .03 | .00 | .00 | .03 | .01 | .03 | .01 |
| | | GM | .00 | .18 | .00 | .00 | .18 | .11 | .16 | .10 |
| | ADULT | MIN | .46 | .63 | .33 | .46 | .63 | .55 | .60 | .53 |
| | | GM | .68 | .76 | .58 | .68 | .76 | .73 | .76 | .73 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .90 | .96 | .39 | .90 | .96 | .94 | .95 | .93 |
| | | GM | .95 | .96 | .63 | .95 | .96 | .96 | .96 | .96 |
| | ADULT | MIN | .86 | .94 | .44 | .86 | .94 | .92 | .94 | .91 |
| | | GM | .93 | .94 | .66 | .93 | .94 | .95 | .95 | .95 |
| 4 | JUVNL | MIN | .09 | .09 | .09 | .09 | .09 | .09 | .09 | .09 |
| | | GM | .26 | .23 | .30 | .26 | .23 | .24 | .24 | .24 |
| | ADULT | MIN | .31 | .22 | .74 | .31 | .22 | .25 | .22 | .26 |
| | | GM | .54 | .45 | .81 | .54 | .45 | .48 | .46 | .49 |
| 5 | JUVNL | MIN | .75 | .84 | .65 | .75 | .84 | .80 | .83 | .79 |
| | | GM | .87 | .92 | .81 | .87 | .92 | .90 | .91 | .89 |
| | ADULT | MIN | .34 | .28 | .44 | .34 | .28 | .30 | .28 | .31 |
| | | GM | .53 | .50 | .58 | .53 | .50 | .51 | .50 | .51 |
| 6 | JUVNL | MIN | .81 | .91 | .67 | .81 | .91 | .87 | .90 | .86 |
| | | GM | .90 | .95 | .82 | .90 | .95 | .93 | .95 | .93 |
| | ADULT | MIN | .80 | .72 | .82 | .80 | .72 | .79 | .73 | .79 |
| | | GM | .84 | .75 | .91 | .84 | .75 | .79 | .76 | .80 |
| 7 | JUVNL | MIN | .96 | .93 | .94 | .96 | .93 | .97 | .94 | .97 |
| | | GM | .98 | .95 | .97 | .98 | .95 | .97 | .96 | .97 |
| | ADULT | MIN | 1.00 | .91 | .99 | 1.00 | .91 | .97 | .93 | .98 |
| | | GM | 1.00 | .95 | .99 | 1.00 | .95 | .99 | .96 | .99 |
| 8 | JUVNL | MIN | .94 | .87 | 1.00 | .94 | .87 | .90 | .88 | .91 |
| | | GM | .97 | .93 | 1.00 | .97 | .93 | .95 | .94 | .95 |
| | ADULT | MIN | .29 | .14 | .51 | .29 | .14 | .20 | .16 | .22 |
| | | GM | .54 | .38 | .72 | .54 | .38 | .45 | .40 | .47 |
| 9 | JUVNL | MIN | .94 | .96 | .91 | .94 | .96 | .95 | .96 | .95 |
| | | GM | .97 | .98 | .92 | .97 | .98 | .98 | .98 | .97 |
| | ADULT | MIN | .78 | .82 | .61 | .78 | .82 | .84 | .84 | .83 |
| | | GM | .86 | .85 | .78 | .86 | .85 | .86 | .85 | .87 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.110 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5585500 Illinois River at Meredosia

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .00 | .08 | .00 | .06 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .27 | .00 | .22 | .01 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .08 | .00 | .05 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .26 | .00 | .18 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .03 | .09 | .00 | .09 | .04 | .02 | .03 | .01 |
| | | GM | .05 | .11 | .02 | .10 | .06 | .05 | .06 | .04 |
| | ADULT | MIN | .84 | .92 | .83 | .91 | .85 | .84 | .85 | .83 |
| | | GM | .92 | .96 | .91 | .95 | .92 | .92 | .92 | .91 |
| 5 | JUVNL | MIN | .46 | .77 | .39 | .72 | .49 | .44 | .48 | .42 |
| | | GM | .68 | .88 | .63 | .85 | .70 | .67 | .69 | .65 |
| | ADULT | MIN | .61 | .84 | .54 | .81 | .65 | .60 | .63 | .57 |
| | | GM | .70 | .92 | .63 | .88 | .72 | .68 | .71 | .66 |
| 6 | JUVNL | MIN | .50 | .83 | .45 | .77 | .53 | .49 | .52 | .47 |
| | | GM | .71 | .91 | .67 | .88 | .73 | .70 | .72 | .69 |
| | ADULT | MIN | .87 | .79 | .89 | .81 | .86 | .87 | .86 | .88 |
| | | GM | .93 | .89 | .95 | .90 | .93 | .94 | .93 | .94 |
| 7 | JUVNL | MIN | .90 | .97 | .88 | .96 | .91 | .90 | .91 | .89 |
| | | GM | .95 | .98 | .94 | .98 | .95 | .95 | .95 | .94 |
| | ADULT | MIN | .94 | 1.00 | .93 | .99 | .94 | .94 | .94 | .93 |
| | | GM | .97 | 1.00 | .96 | 1.00 | .97 | .97 | .97 | .97 |
| 8 | JUVNL | MIN | .50 | .89 | .38 | .84 | .55 | .47 | .53 | .43 |
| | | GM | .71 | .94 | .62 | .91 | .74 | .69 | .73 | .66 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 9 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .36 | .80 | .30 | .73 | .39 | .34 | .37 | .32 |
| | | GM | .60 | .89 | .55 | .86 | .62 | .59 | .61 | .57 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.111 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5587000 Macoupin Creek near Kane

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .60 | .84 | .28 | .51 | .87 | .77 | .86 | .74 |
| | | GM | .77 | .92 | .53 | .71 | .93 | .88 | .93 | .86 |
| | ADULT | MIN | .52 | .47 | .61 | .55 | .46 | .48 | .46 | .49 |
| | | GM | .72 | .68 | .78 | .74 | .68 | .69 | .68 | .70 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .05 | .06 | .02 | .04 | .07 | .06 | .07 | .06 |
| 3 | JUVNL | MIN | .15 | .12 | .20 | .16 | .11 | .12 | .11 | .13 |
| | | GM | .38 | .34 | .45 | .40 | .33 | .35 | .33 | .36 |
| | ADULT | MIN | .21 | .19 | .25 | .22 | .18 | .19 | .18 | .20 |
| | | GM | .46 | .43 | .50 | .47 | .43 | .44 | .43 | .44 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .07 | .07 | .07 |
| | | GM | .20 | .19 | .20 | .20 | .19 | .19 | .19 | .19 |
| | ADULT | MIN | .15 | .14 | .16 | .15 | .14 | .14 | .14 | .14 |
| | | GM | .38 | .37 | .40 | .39 | .37 | .37 | .37 | .38 |
| 5 | JUVNL | MIN | .99 | .99 | .97 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .98 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .17 | .16 | .19 | .18 | .16 | .16 | .16 | .16 |
| | | GM | .41 | .40 | .43 | .42 | .40 | .40 | .40 | .40 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .44 | .41 | .48 | .45 | .41 | .42 | .41 | .42 |
| | | GM | .57 | .55 | .60 | .58 | .55 | .56 | .55 | .56 |
| 7 | JUVNL | MIN | .63 | .59 | .70 | .65 | .58 | .60 | .58 | .61 |
| | | GM | .80 | .77 | .84 | .81 | .76 | .78 | .76 | .78 |
| | ADULT | MIN | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .24 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .68 | .65 | .72 | .69 | .64 | .66 | .64 | .66 |
| | | GM | .82 | .80 | .85 | .83 | .80 | .81 | .80 | .81 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .24 | .19 | .34 | .27 | .19 | .20 | .19 | .21 |
| | | GM | .49 | .44 | .58 | .52 | .43 | .45 | .43 | .46 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.112 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5589500 Canteen Creek at Caseyville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .50 | .43 | .52 | .50 | .40 | .44 | .44 | .47 |
| | | GM | .62 | .63 | .57 | .62 | .62 | .63 | .63 | .63 |
| | ADULT | MIN | .03 | .02 | .04 | .03 | .02 | .02 | .02 | .03 |
| | | GM | .17 | .15 | .20 | .17 | .14 | .15 | .15 | .16 |
| 2 | JUVNL | MIN | .10 | .12 | .07 | .10 | .12 | .11 | .11 | .10 |
| | | GM | .31 | .34 | .25 | .31 | .35 | .34 | .34 | .32 |
| | ADULT | MIN | .26 | .30 | .20 | .26 | .32 | .29 | .29 | .27 |
| | | GM | .49 | .53 | .41 | .49 | .55 | .53 | .53 | .50 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .07 | .06 | .08 | .07 | .05 | .06 | .06 | .07 |
| | | GM | .08 | .07 | .09 | .08 | .06 | .07 | .07 | .07 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .88 | .82 | .94 | .88 | .81 | .83 | .83 | .86 |
| | | GM | .93 | .91 | .96 | .93 | .90 | .91 | .91 | .92 |
| | ADULT | MIN | .02 | .01 | .02 | .02 | .01 | .01 | .01 | .01 |
| | | GM | .13 | .11 | .15 | .13 | .10 | .11 | .11 | .12 |
| 6 | JUVNL | MIN | .97 | .88 | 1.00 | .97 | .82 | .91 | .91 | .96 |
| | | GM | .98 | .94 | 1.00 | .98 | .90 | .95 | .95 | .98 |
| | ADULT | MIN | .03 | .02 | .04 | .03 | .02 | .03 | .03 | .03 |
| | | GM | .16 | .13 | .18 | .16 | .13 | .14 | .14 | .15 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .79 | .74 | .85 | .79 | .72 | .75 | .75 | .77 |
| | | GM | .89 | .86 | .92 | .89 | .85 | .87 | .87 | .88 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.113 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5590000 Kaskaskia River at Bondville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .23 | .21 | .26 | .22 | .21 | .23 | .22 | .24 |
| | | GM | .48 | .45 | .49 | .47 | .45 | .47 | .47 | .48 |
| | ADULT | MIN | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .07 | .09 | .08 | .07 | .08 | .08 | .08 |
| 2 | JUVNL | MIN | .21 | .24 | .18 | .22 | .24 | .21 | .22 | .20 |
| | | GM | .45 | .49 | .42 | .47 | .49 | .46 | .47 | .44 |
| | ADULT | MIN | .90 | .93 | .88 | .92 | .93 | .91 | .92 | .89 |
| | | GM | .93 | .95 | .92 | .94 | .95 | .94 | .94 | .93 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 4 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | .41 | .36 | .45 | .38 | .36 | .39 | .38 | .42 |
| | | GM | .64 | .60 | .67 | .62 | .60 | .63 | .62 | .65 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 6 | JUVNL | MIN | .49 | .45 | .51 | .47 | .45 | .48 | .47 | .49 |
| | | GM | .70 | .67 | .71 | .68 | .67 | .69 | .68 | .70 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .48 | .41 | .54 | .44 | .41 | .46 | .44 | .50 |
| | | GM | .69 | .64 | .73 | .67 | .64 | .68 | .67 | .71 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.114 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5592000 Kaskaskia River at Shelbyville

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .62 | .91 | .29 | .63 | .90 | .67 | .81 | .55 |
| | | GM | .79 | .96 | .53 | .79 | .95 | .82 | .90 | .74 |
| | ADULT | MIN | .57 | .46 | .72 | .57 | .47 | .55 | .50 | .59 |
| | | GM | .75 | .68 | .85 | .75 | .68 | .74 | .71 | .77 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .04 | .07 | .00 | .04 | .06 | .05 | .06 | .03 |
| 3 | JUVNL | MIN | .17 | .11 | .52 | .17 | .12 | .16 | .13 | .19 |
| | | GM | .42 | .34 | .72 | .42 | .34 | .40 | .37 | .43 |
| | ADULT | MIN | .23 | .18 | .34 | .23 | .19 | .22 | .20 | .24 |
| | | GM | .48 | .43 | .58 | .48 | .43 | .47 | .45 | .49 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .07 | .08 |
| | | GM | .20 | .19 | .21 | .20 | .19 | .20 | .19 | .20 |
| | ADULT | MIN | .15 | .14 | .17 | .15 | .14 | .15 | .14 | .15 |
| | | GM | .39 | .37 | .41 | .39 | .37 | .39 | .38 | .39 |
| 5 | JUVNL | MIN | .99 | .99 | .97 | .99 | .99 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .18 | .16 | .21 | .18 | .16 | .18 | .17 | .18 |
| | | GM | .42 | .40 | .46 | .42 | .40 | .42 | .41 | .43 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .46 | .41 | .54 | .46 | .41 | .45 | .43 | .47 |
| | | GM | .58 | .55 | .64 | .58 | .55 | .58 | .56 | .59 |
| 7 | JUVNL | MIN | .67 | .58 | .78 | .67 | .59 | .66 | .62 | .69 |
| | | GM | .82 | .76 | .88 | .82 | .77 | .81 | .79 | .83 |
| | ADULT | MIN | .00 | .00 | .43 | .00 | .00 | .00 | .00 | .01 |
| | | GM | .00 | .00 | .66 | .00 | .00 | .00 | .00 | .11 |
| 8 | JUVNL | MIN | .70 | .64 | .76 | .70 | .65 | .69 | .67 | .71 |
| | | GM | .84 | .80 | .87 | .84 | .80 | .83 | .82 | .84 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .29 | .19 | .51 | .29 | .19 | .27 | .22 | .31 |
| | | GM | .53 | .43 | .71 | .53 | .44 | .52 | .47 | .56 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.115 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5592500 Kaskaskia River at Vandalia

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .22 | .53 | .08 | .27 | .38 | .27 | .31 | .20 |
| | | GM | .42 | .71 | .21 | .47 | .58 | .47 | .52 | .39 |
| | ADULT | MIN | .97 | 1.00 | .79 | .99 | 1.00 | .99 | 1.00 | .95 |
| | | GM | .98 | 1.00 | .88 | 1.00 | 1.00 | .99 | 1.00 | .98 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .28 | .24 | .29 | .27 | .25 | .27 | .26 | .28 |
| | ADULT | MIN | .79 | .36 | .96 | .72 | .53 | .73 | .63 | .81 |
| | | GM | .89 | .60 | .97 | .85 | .73 | .86 | .79 | .90 |
| 5 | JUVNL | MIN | .96 | .99 | .91 | .97 | .98 | .97 | .97 | .96 |
| | | GM | .98 | .99 | .95 | .98 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .46 | .35 | .59 | .43 | .38 | .44 | .41 | .47 |
| | | GM | .67 | .59 | .74 | .66 | .62 | .66 | .64 | .68 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .75 | .74 | .76 | .75 | .75 | .75 | .75 | .75 |
| | | GM | .87 | .82 | .87 | .86 | .85 | .87 | .86 | .87 |
| 7 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | 1.00 | .95 | 1.00 | .99 | .97 | 1.00 | .98 | 1.00 |
| | | GM | 1.00 | .97 | 1.00 | 1.00 | .98 | 1.00 | .99 | 1.00 |
| | ADULT | MIN | .55 | .31 | .74 | .50 | .39 | .51 | .44 | .57 |
| | | GM | .74 | .55 | .86 | .71 | .63 | .71 | .67 | .76 |
| 9 | JUVNL | MIN | .90 | 1.00 | .73 | .94 | .98 | .93 | .96 | .89 |
| | | GM | .95 | 1.00 | .84 | .97 | .99 | .96 | .98 | .94 |
| | ADULT | MIN | 1.00 | .97 | .95 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | .99 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.116 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5593000 Kaskaskia River at Carlyle

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .29 | .67 | .06 | .24 | .48 | .31 | .46 | .30 |
| | | GM | .53 | .82 | .20 | .47 | .69 | .55 | .68 | .53 |
| | ADULT | MIN | 1.00 | .93 | .72 | .97 | .99 | 1.00 | .99 | 1.00 |
| | | GM | 1.00 | .96 | .85 | .99 | .99 | 1.00 | .99 | 1.00 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | .96 | .97 | 1.00 | .98 | 1.00 | .98 | 1.00 |
| | | GM | 1.00 | .98 | .99 | 1.00 | .99 | 1.00 | .99 | 1.00 |
| | ADULT | MIN | 1.00 | .95 | .96 | 1.00 | .98 | 1.00 | .98 | 1.00 |
| | | GM | 1.00 | .97 | .98 | 1.00 | .99 | 1.00 | .99 | 1.00 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .24 | .22 | .29 | .25 | .23 | .24 | .23 | .24 |
| | ADULT | MIN | .35 | .22 | .89 | .45 | .25 | .31 | .25 | .33 |
| | | GM | .59 | .46 | .92 | .67 | .50 | .55 | .50 | .57 |
| 5 | JUVNL | MIN | .97 | .99 | .88 | .96 | .99 | .97 | .98 | .97 |
| | | GM | .99 | 1.00 | .94 | .98 | .99 | .99 | .99 | .99 |
| | ADULT | MIN | .35 | .28 | .52 | .37 | .30 | .34 | .31 | .34 |
| | | GM | .59 | .53 | .69 | .60 | .55 | .58 | .55 | .59 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .94 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .75 | .71 | .77 | .75 | .74 | .75 | .74 | .75 |
| | | GM | .82 | .73 | .88 | .84 | .77 | .81 | .77 | .81 |
| 7 | JUVNL | MIN | 1.00 | .93 | .98 | 1.00 | .97 | 1.00 | .97 | 1.00 |
| | | GM | 1.00 | .96 | .99 | 1.00 | .98 | 1.00 | .99 | 1.00 |
| | ADULT | MIN | 1.00 | .91 | 1.00 | 1.00 | .97 | 1.00 | .98 | 1.00 |
| | | GM | 1.00 | .95 | 1.00 | 1.00 | .99 | 1.00 | .99 | 1.00 |
| 8 | JUVNL | MIN | .95 | .87 | 1.00 | .96 | .90 | .94 | .91 | .94 |
| | | GM | .97 | .93 | 1.00 | .98 | .95 | .97 | .95 | .97 |
| | ADULT | MIN | .30 | .14 | .65 | .35 | .20 | .28 | .21 | .29 |
| | | GM | .55 | .37 | .80 | .59 | .45 | .53 | .46 | .54 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .83 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .90 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .97 | .82 | .92 | 1.00 | .89 | .96 | .90 | .97 |
| | | GM | .99 | .90 | .96 | 1.00 | .94 | .98 | .95 | .98 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.117 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5594000 Shoal Creek near Breese

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .52 | .86 | .17 | .44 | .81 | .63 | .70 | .53 |
| | | GM | .72 | .93 | .42 | .67 | .90 | .80 | .83 | .73 |
| | ADULT | MIN | .76 | .58 | .93 | .80 | .61 | .70 | .66 | .75 |
| | | GM | .87 | .76 | .94 | .90 | .78 | .83 | .81 | .87 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .04 | .00 | .00 | .03 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .68 | .18 | .97 | .85 | .20 | .44 | .31 | .65 |
| | | GM | .83 | .43 | .98 | .92 | .45 | .66 | .56 | .81 |
| | ADULT | MIN | .41 | .23 | .97 | .50 | .25 | .32 | .29 | .40 |
| | | GM | .64 | .48 | .98 | .71 | .50 | .57 | .54 | .63 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .08 | .08 |
| | | GM | .21 | .20 | .23 | .21 | .20 | .20 | .20 | .21 |
| | ADULT | MIN | .17 | .15 | .23 | .18 | .16 | .17 | .16 | .17 |
| | | GM | .42 | .39 | .47 | .43 | .39 | .41 | .40 | .42 |
| 5 | JUVNL | MIN | .99 | .99 | .95 | .98 | .99 | .99 | .99 | .99 |
| | | GM | .99 | 1.00 | .97 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .22 | .18 | .29 | .23 | .19 | .21 | .20 | .22 |
| | | GM | .47 | .43 | .53 | .48 | .43 | .46 | .45 | .47 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .56 | .46 | .74 | .59 | .48 | .53 | .51 | .56 |
| | | GM | .65 | .59 | .75 | .66 | .59 | .63 | .61 | .64 |
| 7 | JUVNL | MIN | .80 | .68 | .94 | .83 | .70 | .76 | .74 | .80 |
| | | GM | .89 | .83 | .97 | .91 | .84 | .87 | .86 | .89 |
| | ADULT | MIN | .60 | .00 | .94 | .69 | .05 | .34 | .22 | .57 |
| | | GM | .77 | .00 | .97 | .83 | .23 | .59 | .46 | .75 |
| 8 | JUVNL | MIN | .77 | .71 | .88 | .79 | .72 | .75 | .74 | .77 |
| | | GM | .88 | .84 | .94 | .89 | .85 | .87 | .86 | .88 |
| | ADULT | MIN | .00 | .00 | .16 | .03 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .40 | .16 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .58 | .30 | .84 | .65 | .33 | .47 | .42 | .56 |
| | | GM | .76 | .55 | .91 | .80 | .58 | .69 | .65 | .75 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.118 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5595000 Kaskaskia River at New Athens

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .12 | .36 | .00 | .14 | .19 | .11 | .17 | .09 |
| | | GM | .18 | .47 | .01 | .20 | .27 | .17 | .24 | .14 |
| | ADULT | MIN | .60 | .88 | .25 | .63 | .72 | .57 | .70 | .54 |
| | | GM | .77 | .94 | .45 | .79 | .85 | .75 | .84 | .72 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | 1.00 | 1.00 | .27 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .51 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | .56 | 1.00 | 1.00 | .99 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .74 | 1.00 | 1.00 | 1.00 | 1.00 | .99 |
| 4 | JUVNL | MIN | .08 | .08 | .08 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .20 | .25 | .16 | .20 | .22 | .20 | .21 | .19 |
| | ADULT | MIN | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 5 | JUVNL | MIN | .97 | .99 | .91 | .97 | .98 | .97 | .98 | .96 |
| | | GM | .98 | 1.00 | .95 | .99 | .99 | .98 | .99 | .98 |
| | ADULT | MIN | .95 | .72 | .93 | .93 | .86 | .96 | .88 | .97 |
| | | GM | .97 | .85 | .96 | .96 | .93 | .97 | .94 | .98 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .97 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .75 | .74 | .76 | .75 | .75 | .75 | .75 | .75 |
| | | GM | .87 | .86 | .87 | .87 | .86 | .87 | .86 | .87 |
| 7 | JUVNL | MIN | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 8 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .99 | .86 | 1.00 | .98 | .95 | 1.00 | .96 | 1.00 |
| | | GM | .99 | .93 | 1.00 | .99 | .97 | 1.00 | .98 | 1.00 |
| 9 | JUVNL | MIN | .37 | .58 | .17 | .39 | .45 | .36 | .43 | .34 |
| | | GM | .61 | .76 | .41 | .63 | .67 | .60 | .66 | .58 |
| | ADULT | MIN | 1.00 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.119 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5596000 Big Muddy River near Benton

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .83 | .96 | .28 | .57 | .98 | .95 | .96 | .86 |
| | | GM | .91 | .98 | .53 | .75 | .99 | .98 | .98 | .93 |
| | ADULT | MIN | .37 | .32 | .54 | .42 | .30 | .33 | .32 | .36 |
| | | GM | .61 | .57 | .73 | .65 | .55 | .57 | .57 | .60 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .09 | .04 | .07 | .10 | .09 | .09 | .09 |
| 3 | JUVNL | MIN | .07 | .05 | .16 | .10 | .05 | .05 | .05 | .06 |
| | | GM | .26 | .23 | .40 | .31 | .22 | .23 | .23 | .25 |
| | ADULT | MIN | .14 | .12 | .22 | .17 | .11 | .13 | .12 | .14 |
| | | GM | .38 | .35 | .46 | .41 | .34 | .35 | .35 | .37 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .08 | .07 | .07 | .07 | .07 |
| | | GM | .19 | .18 | .20 | .19 | .18 | .18 | .18 | .19 |
| | ADULT | MIN | .12 | .11 | .15 | .13 | .11 | .12 | .11 | .12 |
| | | GM | .35 | .34 | .38 | .36 | .33 | .34 | .34 | .35 |
| 5 | JUVNL | MIN | .99 | 1.00 | .97 | .99 | 1.00 | .99 | .99 | .99 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .13 | .12 | .17 | .15 | .11 | .12 | .12 | .13 |
| | | GM | .36 | .34 | .42 | .39 | .34 | .35 | .34 | .36 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .35 | .32 | .44 | .39 | .31 | .33 | .32 | .35 |
| | | GM | .51 | .49 | .58 | .54 | .48 | .49 | .49 | .51 |
| 7 | JUVNL | MIN | .46 | .38 | .65 | .54 | .36 | .40 | .39 | .45 |
| | | GM | .67 | .62 | .81 | .73 | .60 | .63 | .62 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .57 | .52 | .69 | .62 | .50 | .53 | .53 | .57 |
| | | GM | .76 | .72 | .83 | .79 | .71 | .73 | .72 | .75 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .11 | .08 | .26 | .16 | .08 | .09 | .09 | .11 |
| | | GM | .34 | .29 | .51 | .40 | .28 | .30 | .29 | .33 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.120 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5597000 Big Muddy River at Plumfield

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .46 | .77 | .08 | .23 | .83 | .65 | .64 | .42 |
| | | GM | .68 | .88 | .28 | .48 | .91 | .81 | .80 | .65 |
| | ADULT | MIN | .36 | .34 | .44 | .39 | .33 | .35 | .35 | .37 |
| | | GM | .60 | .58 | .59 | .62 | .57 | .59 | .59 | .61 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .08 | .09 | .04 | .05 | .09 | .09 | .09 | .08 |
| 3 | JUVNL | MIN | .06 | .06 | .11 | .08 | .05 | .06 | .06 | .07 |
| | | GM | .25 | .24 | .32 | .29 | .23 | .24 | .24 | .26 |
| | ADULT | MIN | .14 | .13 | .18 | .15 | .13 | .13 | .13 | .14 |
| | | GM | .37 | .36 | .42 | .39 | .35 | .36 | .36 | .38 |
| 4 | JUVNL | MIN | .08 | .07 | .08 | .08 | .07 | .08 | .08 | .08 |
| | | GM | .19 | .18 | .20 | .19 | .18 | .19 | .19 | .19 |
| | ADULT | MIN | .12 | .12 | .14 | .13 | .12 | .12 | .12 | .12 |
| | | GM | .35 | .34 | .36 | .36 | .34 | .34 | .34 | .35 |
| 5 | JUVNL | MIN | .98 | .99 | .90 | .96 | .99 | .99 | .99 | .98 |
| | | GM | .99 | 1.00 | .95 | .98 | 1.00 | 1.00 | 1.00 | .99 |
| | ADULT | MIN | .13 | .12 | .15 | .14 | .12 | .12 | .12 | .13 |
| | | GM | .36 | .35 | .38 | .37 | .35 | .35 | .35 | .36 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .35 | .33 | .40 | .37 | .33 | .34 | .34 | .35 |
| | | GM | .51 | .50 | .55 | .53 | .49 | .50 | .50 | .51 |
| 7 | JUVNL | MIN | .45 | .40 | .56 | .50 | .40 | .42 | .42 | .45 |
| | | GM | .67 | .64 | .74 | .70 | .63 | .65 | .65 | .67 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .57 | .54 | .63 | .59 | .53 | .55 | .55 | .57 |
| | | GM | .75 | .73 | .80 | .77 | .73 | .74 | .74 | .76 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .11 | .09 | .18 | .14 | .09 | .10 | .10 | .11 |
| | | GM | .33 | .30 | .41 | .37 | .30 | .31 | .31 | .34 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.121 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5599000 Beaucoup Creek near Matthews

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .95 | .99 | .67 | .93 | 1.00 | .99 | 1.00 | .97 |
| | | GM | .98 | 1.00 | .82 | .96 | 1.00 | 1.00 | 1.00 | .98 |
| | ADULT | MIN | .42 | .34 | .57 | .44 | .28 | .34 | .32 | .39 |
| | | GM | .65 | .59 | .76 | .66 | .53 | .58 | .57 | .63 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .01 |
| | | GM | .07 | .09 | .04 | .07 | .11 | .09 | .09 | .08 |
| 3 | JUVNL | MIN | .10 | .06 | .18 | .10 | .04 | .06 | .05 | .08 |
| | | GM | .31 | .24 | .42 | .32 | .20 | .24 | .23 | .28 |
| | ADULT | MIN | .17 | .13 | .23 | .18 | .10 | .13 | .12 | .15 |
| | | GM | .41 | .36 | .48 | .42 | .32 | .36 | .35 | .39 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .19 | .18 | .20 | .19 | .17 | .18 | .18 | .19 |
| | ADULT | MIN | .13 | .12 | .15 | .13 | .11 | .12 | .11 | .13 |
| | | GM | .36 | .34 | .39 | .37 | .33 | .34 | .34 | .36 |
| 5 | JUVNL | MIN | .99 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .15 | .12 | .18 | .15 | .11 | .12 | .12 | .14 |
| | | GM | .38 | .35 | .43 | .39 | .33 | .35 | .34 | .37 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .39 | .34 | .46 | .40 | .29 | .33 | .32 | .37 |
| | | GM | .53 | .50 | .58 | .54 | .46 | .49 | .49 | .52 |
| 7 | JUVNL | MIN | .53 | .42 | .68 | .56 | .32 | .41 | .38 | .49 |
| | | GM | .73 | .65 | .82 | .75 | .56 | .64 | .62 | .70 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .62 | .55 | .71 | .63 | .47 | .54 | .52 | .59 |
| | | GM | .78 | .74 | .84 | .79 | .69 | .73 | .72 | .77 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .16 | .09 | .30 | .17 | .06 | .09 | .08 | .13 |
| | | GM | .40 | .31 | .54 | .42 | .25 | .30 | .29 | .37 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.122 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5599500 Big Muddy River at Murphysboro

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .22 | .54 | .01 | .15 | .40 | .27 | .28 | .14 |
| | | GM | .46 | .73 | .12 | .39 | .63 | .52 | .53 | .37 |
| | ADULT | MIN | .93 | .88 | .55 | .91 | .90 | .92 | .92 | .90 |
| | | GM | .95 | .94 | .74 | .93 | .95 | .96 | .96 | .92 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 3 | JUVNL | MIN | .97 | .94 | .94 | .97 | .95 | .96 | .96 | .97 |
| | | GM | .98 | .97 | .96 | .98 | .97 | .98 | .98 | .98 |
| | ADULT | MIN | .95 | .82 | .92 | .96 | .91 | .94 | .93 | .97 |
| | | GM | .97 | .90 | .95 | .98 | .95 | .97 | .96 | .98 |
| 4 | JUVNL | MIN | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .08 |
| | | GM | .23 | .22 | .24 | .23 | .22 | .22 | .22 | .23 |
| | ADULT | MIN | .22 | .20 | .26 | .22 | .20 | .21 | .21 | .23 |
| | | GM | .47 | .44 | .49 | .47 | .45 | .46 | .46 | .47 |
| 5 | JUVNL | MIN | .96 | .99 | .81 | .94 | .98 | .97 | .97 | .94 |
| | | GM | .98 | .99 | .90 | .97 | .99 | .98 | .98 | .97 |
| | ADULT | MIN | .28 | .26 | .31 | .28 | .27 | .27 | .27 | .29 |
| | | GM | .52 | .51 | .52 | .52 | .52 | .52 | .52 | .52 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | .88 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .94 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .72 | .66 | .79 | .74 | .68 | .71 | .70 | .74 |
| | | GM | .73 | .70 | .80 | .75 | .71 | .73 | .72 | .75 |
| 7 | JUVNL | MIN | .93 | .89 | .97 | .94 | .91 | .92 | .92 | .94 |
| | | GM | .96 | .94 | .98 | .97 | .95 | .96 | .96 | .97 |
| | ADULT | MIN | .91 | .83 | .98 | .93 | .87 | .90 | .89 | .94 |
| | | GM | .95 | .91 | .99 | .97 | .93 | .95 | .94 | .97 |
| 8 | JUVNL | MIN | .87 | .84 | .91 | .88 | .85 | .86 | .86 | .88 |
| | | GM | .93 | .92 | .95 | .94 | .92 | .93 | .93 | .94 |
| | ADULT | MIN | .14 | .09 | .22 | .16 | .11 | .13 | .13 | .16 |
| | | GM | .38 | .30 | .47 | .40 | .34 | .37 | .36 | .41 |
| 9 | JUVNL | MIN | 1.00 | 1.00 | .95 | .99 | 1.00 | 1.00 | 1.00 | .99 |
| | | GM | 1.00 | 1.00 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .82 | .75 | .85 | .84 | .79 | .81 | .80 | .84 |
| | | GM | .91 | .87 | .88 | .91 | .89 | .90 | .90 | .91 |

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.123 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5600000 Big Creek near Wetaug

| FISH | TYPE | CRIT | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JUVNL | MIN | .97 | .91 | .56 | .89 | .91 | .95 | .95 | .96 |
| | | GM | .98 | .95 | .75 | .94 | .95 | .97 | .97 | .98 |
| | ADULT | MIN | .09 | .07 | .16 | .12 | .07 | .09 | .09 | .10 |
| | | GM | .31 | .26 | .40 | .34 | .26 | .29 | .29 | .32 |
| 2 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .08 | .11 | .04 | .06 | .11 | .09 | .09 | .07 |
| | | GM | .28 | .33 | .18 | .23 | .33 | .30 | .30 | .27 |
| 3 | JUVNL | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .03 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .02 | .01 | .05 | .02 | .01 | .01 | .01 | .02 |
| | | GM | .13 | .10 | .22 | .16 | .10 | .12 | .12 | .14 |
| 4 | JUVNL | MIN | .07 | .07 | .08 | .07 | .07 | .07 | .07 | .07 |
| | | GM | .12 | .11 | .15 | .13 | .11 | .12 | .12 | .13 |
| | ADULT | MIN | .00 | .00 | .04 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .21 | .00 | .00 | .00 | .00 | .00 |
| 5 | JUVNL | MIN | 1.00 | 1.00 | .99 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .04 | .03 | .07 | .05 | .03 | .04 | .04 | .05 |
| | | GM | .21 | .19 | .27 | .23 | .19 | .20 | .20 | .22 |
| 6 | JUVNL | MIN | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | GM | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | ADULT | MIN | .10 | .08 | .18 | .13 | .08 | .09 | .09 | .11 |
| | | GM | .28 | .24 | .36 | .31 | .24 | .26 | .26 | .29 |
| 7 | JUVNL | MIN | .00 | .00 | .06 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .25 | .00 | .00 | .00 | .00 | .00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 8 | JUVNL | MIN | .11 | .06 | .25 | .16 | .06 | .09 | .09 | .13 |
| | | GM | .33 | .24 | .50 | .40 | .24 | .30 | .30 | .35 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 9 | JUVNL | MIN | .99 | .95 | 1.00 | 1.00 | .95 | .98 | .98 | .99 |
| | | GM | .99 | .97 | 1.00 | 1.00 | .97 | .99 | .99 | 1.00 |
| | ADULT | MIN | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| | | GM | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |

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