

**VI.**

***INPUT AND OUTPUT  
DATA  
(POTENTIAL WATER  
BALANCE)***

0  
53.2  
57.4  
2.8  
3.9  
4.6  
5.7  
85  
8.1  
26  
151.5  
5.4  
0  
24  
36.6  
257.6  
11.6  
25.7  
35  
54.6  
368.4  
15

GEN20M.xls

|        |       |       |        |        |       |        |       |      |       |
|--------|-------|-------|--------|--------|-------|--------|-------|------|-------|
| 260    | 94    | 246   | 173    | 185    | 358   | 6472   | 0     | 0    | 182   |
| 330    | 183   | 207   | 176    | 195    | 200   | 48     | 0     | 0    | 83    |
| 2155   | 5042  | 13444 | 609    | 193    | 17474 | 468547 | 242   | 7547 | 87190 |
| 932    | 0     | 572   | 0      | 543    | 0     | 223841 | 0     | 0    | 0     |
| 0      | 0     | 0     | 0      | 0      | 0     | 0      | 0     | 0    | 0     |
| 373308 | 10580 | 42988 | 163663 | 118164 | 8838  | 1832   | 35266 | 1093 | 41979 |
| 0      | 0     | 0     | 0      | 0      | 0     | 0      | 0     | 0    | 0     |

(Unit: 1,000 m<sup>3</sup>/s/10day)

| 1986 |    | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 8.099    | 1.348     | 8.032        | 6.815      | 0.000   |
| 1    | 2  |         | 3.365    | 1.145     | 3.298        | 2.284      | 0.000   |
| 1    | 3  |         | 4.314    | 1.138     | 4.240        | 3.246      | 0.000   |
| 2    | 1  |         | 5.930    | 1.352     | 5.855        | 4.648      | 0.000   |
| 2    | 2  |         | 2.694    | 1.007     | 2.620        | 1.758      | 0.000   |
| 2    | 3  |         | 4.573    | 0.818     | 4.513        | 3.811      | 0.000   |
| 3    | 1  |         | 6.471    | 1.142     | 6.403        | 5.392      | 0.000   |
| 3    | 2  |         | 5.207    | 1.238     | 5.140        | 4.032      | 0.000   |
| 3    | 3  |         | 4.695    | 1.200     | 4.621        | 3.565      | 0.000   |
| 4    | 1  |         | 7.887    | 1.473     | 7.802        | 6.494      | 0.000   |
| 4    | 2  |         | 7.582    | 1.409     | 7.498        | 6.253      | 0.000   |
| 4    | 3  |         | 5.146    | 1.323     | 5.061        | 3.903      | 0.000   |
| 5    | 1  |         | 3.950    | 1.198     | 3.868        | 2.829      | 0.000   |
| 5    | 2  |         | 3.638    | 1.242     | 3.556        | 2.473      | 0.000   |
| 5    | 3  |         | 3.434    | 1.343     | 3.343        | 2.176      | 0.000   |
| 6    | 1  |         | 4.345    | 1.252     | 4.260        | 3.172      | 0.000   |
| 6    | 2  |         | 2.855    | 1.106     | 2.770        | 1.829      | 0.000   |
| 6    | 3  |         | 2.260    | 1.047     | 2.175        | 1.292      | 0.000   |
| 7    | 1  |         | 1.931    | 1.014     | 1.849        | 0.994      | 0.000   |
| 7    | 2  |         | 2.269    | 1.033     | 2.187        | 1.313      | 0.000   |
| 7    | 3  |         | 3.839    | 1.158     | 3.749        | 2.765      | 0.000   |
| 8    | 1  |         | 3.192    | 0.967     | 3.126        | 2.303      | 0.000   |
| 8    | 2  |         | 2.041    | 0.940     | 1.974        | 1.178      | 0.000   |
| 8    | 3  |         | 1.972    | 1.004     | 1.899        | 1.052      | 0.000   |
| 9    | 1  |         | 1.872    | 0.213     | 1.872        | 1.658      | 0.000   |
| 9    | 2  |         | 2.341    | 0.258     | 2.341        | 2.084      | 0.000   |
| 9    | 3  |         | 6.664    | 0.489     | 6.664        | 6.175      | 0.000   |
| 10   | 1  |         | 7.480    | 0.692     | 7.480        | 6.788      | 0.000   |
| 10   | 2  |         | 3.688    | 0.366     | 3.688        | 3.323      | 0.000   |
| 10   | 3  |         | 6.829    | 0.604     | 6.829        | 6.225      | 0.000   |
| 11   | 1  |         | 4.743    | 1.053     | 4.687        | 3.755      | 0.000   |
| 11   | 2  |         | 3.515    | 1.049     | 3.458        | 2.531      | 0.000   |
| 11   | 3  |         | 6.348    | 1.259     | 6.292        | 5.155      | 0.000   |
| 12   | 1  |         | 3.814    | 1.004     | 3.746        | 2.873      | 0.000   |
| 12   | 2  |         | 5.260    | 1.275     | 5.193        | 4.048      | 0.000   |
| 12   | 3  |         | 4.095    | 1.090     | 4.021        | 3.074      | 0.000   |
| Tot  | al |         | 158.342  | 37.252    | 156.111      | 123.267    | 0.000   |

| 1986 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 1.256    | 0.295     | 1.256        | 0.961      | 0.000   |
| 1    | 2  |         | 2.161    | 0.295     | 2.161        | 1.866      | 0.000   |
| 1    | 3  |         | 1.441    | 0.325     | 1.441        | 1.116      | 0.000   |
| 2    | 1  |         | 1.105    | 0.325     | 1.105        | 0.780      | 0.000   |
| 2    | 2  |         | 1.206    | 0.325     | 1.206        | 0.881      | 0.000   |
| 2    | 3  |         | 0.650    | 0.260     | 0.650        | 0.390      | 0.000   |
| 3    | 1  |         | 0.799    | 0.295     | 0.799        | 0.503      | 0.000   |
| 3    | 2  |         | 1.016    | 0.295     | 1.016        | 0.721      | 0.000   |
| 3    | 3  |         | 1.273    | 0.325     | 1.273        | 0.948      | 0.000   |
| 4    | 1  |         | 1.249    | 0.365     | 1.249        | 0.883      | 0.000   |
| 4    | 2  |         | 1.211    | 0.365     | 1.211        | 0.845      | 0.000   |
| 4    | 3  |         | 0.986    | 0.365     | 0.986        | 0.621      | 0.000   |
| 5    | 1  |         | 0.937    | 0.354     | 0.937        | 0.582      | 0.000   |
| 5    | 2  |         | 0.954    | 0.354     | 0.954        | 0.600      | 0.000   |
| 5    | 3  |         | 1.275    | 0.390     | 1.275        | 0.886      | 0.000   |
| 6    | 1  |         | 1.279    | 0.365     | 1.279        | 0.914      | 0.000   |
| 6    | 2  |         | 0.868    | 0.365     | 0.868        | 0.502      | 0.000   |
| 6    | 3  |         | 0.605    | 0.365     | 0.605        | 0.240      | 0.000   |
| 7    | 1  |         | 0.503    | 0.354     | 0.503        | 0.149      | 0.000   |
| 7    | 2  |         | 0.453    | 0.354     | 0.453        | 0.099      | 0.000   |
| 7    | 3  |         | 0.467    | 0.390     | 0.467        | 0.077      | 0.000   |
| 8    | 1  |         | 0.457    | 0.192     | 0.457        | 0.265      | 0.000   |
| 8    | 2  |         | 0.422    | 0.192     | 0.422        | 0.230      | 0.000   |
| 8    | 3  |         | 0.422    | 0.211     | 0.422        | 0.211      | 0.000   |
| 9    | 1  |         | 0.347    | 0.019     | 0.347        | 0.328      | 0.000   |
| 9    | 2  |         | 0.465    | 0.019     | 0.465        | 0.446      | 0.000   |
| 9    | 3  |         | 0.588    | 0.019     | 0.588        | 0.570      | 0.000   |
| 10   | 1  |         | 0.890    | 0.019     | 0.890        | 0.871      | 0.000   |
| 10   | 2  |         | 1.441    | 0.019     | 1.441        | 1.422      | 0.000   |
| 10   | 3  |         | 1.040    | 0.021     | 1.040        | 1.019      | 0.000   |
| 11   | 1  |         | 1.127    | 0.166     | 1.127        | 0.961      | 0.000   |
| 11   | 2  |         | 1.213    | 0.166     | 1.213        | 1.047      | 0.000   |
| 11   | 3  |         | 1.272    | 0.166     | 1.272        | 1.106      | 0.000   |
| 12   | 1  |         | 1.195    | 0.295     | 1.195        | 0.899      | 0.000   |
| 12   | 2  |         | 1.235    | 0.295     | 1.235        | 0.940      | 0.000   |
| 12   | 3  |         | 1.473    | 0.325     | 1.473        | 1.148      | 0.000   |
| Tot  | al |         | 35.279   | 9.252     | 35.279       | 26.026     | 0.000   |

| 1986 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 1.186    | 0.211     | 1.186        | 0.975        | 0.000      |         |
| 1    | 2  |          | 1.816    | 0.211     | 1.816        | 1.605        | 0.000      |         |
| 1    | 3  |          | 1.581    | 0.233     | 1.581        | 1.349        | 0.000      |         |
| 2    | 1  |          | 1.121    | 0.234     | 1.121        | 0.887        | 0.000      |         |
| 2    | 2  |          | 1.064    | 0.234     | 1.064        | 0.831        | 0.000      |         |
| 2    | 3  |          | 0.745    | 0.187     | 0.745        | 0.559        | 0.000      |         |
| 3    | 1  |          | 0.891    | 0.211     | 0.891        | 0.680        | 0.000      |         |
| 3    | 2  |          | 0.953    | 0.211     | 0.953        | 0.742        | 0.000      |         |
| 3    | 3  |          | 1.115    | 0.233     | 1.115        | 0.882        | 0.000      |         |
| 4    | 1  |          | 1.105    | 0.265     | 1.105        | 0.840        | 0.000      |         |
| 4    | 2  |          | 0.938    | 0.265     | 0.938        | 0.673        | 0.000      |         |
| 4    | 3  |          | 0.795    | 0.265     | 0.795        | 0.530        | 0.000      |         |
| 5    | 1  |          | 0.741    | 0.257     | 0.741        | 0.485        | 0.000      |         |
| 5    | 2  |          | 0.740    | 0.257     | 0.740        | 0.483        | 0.000      |         |
| 5    | 3  |          | 0.937    | 0.282     | 0.937        | 0.655        | 0.000      |         |
| 6    | 1  |          | 0.924    | 0.265     | 0.924        | 0.658        | 0.000      |         |
| 6    | 2  |          | 0.805    | 0.265     | 0.805        | 0.540        | 0.000      |         |
| 6    | 3  |          | 0.685    | 0.265     | 0.685        | 0.420        | 0.000      |         |
| 7    | 1  |          | 0.605    | 0.257     | 0.605        | 0.348        | 0.000      |         |
| 7    | 2  |          | 0.542    | 0.257     | 0.542        | 0.285        | 0.000      |         |
| 7    | 3  |          | 0.528    | 0.282     | 0.528        | 0.246        | 0.000      |         |
| 8    | 1  |          | 0.456    | 0.229     | 0.456        | 0.227        | 0.000      |         |
| 8    | 2  |          | 0.430    | 0.229     | 0.430        | 0.202        | 0.000      |         |
| 8    | 3  |          | 0.440    | 0.252     | 0.440        | 0.188        | 0.000      |         |
| 9    | 1  |          | 0.366    | 0.006     | 0.366        | 0.360        | 0.000      |         |
| 9    | 2  |          | 0.437    | 0.006     | 0.437        | 0.431        | 0.000      |         |
| 9    | 3  |          | 0.466    | 0.006     | 0.466        | 0.460        | 0.000      |         |
| 10   | 1  |          | 0.554    | 0.006     | 0.554        | 0.549        | 0.000      |         |
| 10   | 2  |          | 0.905    | 0.006     | 0.905        | 0.900        | 0.000      |         |
| 10   | 3  |          | 0.771    | 0.006     | 0.771        | 0.765        | 0.000      |         |
| 11   | 1  |          | 0.701    | 0.195     | 0.701        | 0.506        | 0.000      |         |
| 11   | 2  |          | 0.802    | 0.195     | 0.802        | 0.608        | 0.000      |         |
| 11   | 3  |          | 0.976    | 0.195     | 0.976        | 0.781        | 0.000      |         |
| 12   | 1  |          | 0.899    | 0.211     | 0.899        | 0.688        | 0.000      |         |
| 12   | 2  |          | 0.915    | 0.211     | 0.915        | 0.704        | 0.000      |         |
| 12   | 3  |          | 1.087    | 0.233     | 1.087        | 0.854        | 0.000      |         |
| Tot  | al |          | 30.024   | 7.132     | 30.024       | 22.892       | 0.000      |         |
|      |    |          |          |           |              |              |            |         |
| 1986 |    | U.       | Lakitan  | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 1.394    | 0.315     | 1.394        | 1.079        | 0.000      |         |
| 1    | 2  |          | 2.374    | 0.315     | 2.374        | 2.059        | 0.000      |         |
| 1    | 3  |          | 1.526    | 0.347     | 1.526        | 1.179        | 0.000      |         |
| 2    | 1  |          | 1.224    | 0.348     | 1.224        | 0.876        | 0.000      |         |
| 2    | 2  |          | 1.301    | 0.348     | 1.301        | 0.953        | 0.000      |         |
| 2    | 3  |          | 0.763    | 0.278     | 0.763        | 0.485        | 0.000      |         |
| 3    | 1  |          | 1.002    | 0.315     | 1.002        | 0.687        | 0.000      |         |
| 3    | 2  |          | 1.217    | 0.315     | 1.217        | 0.902        | 0.000      |         |
| 3    | 3  |          | 1.451    | 0.347     | 1.451        | 1.104        | 0.000      |         |
| 4    | 1  |          | 1.429    | 0.393     | 1.429        | 1.037        | 0.000      |         |
| 4    | 2  |          | 1.095    | 0.393     | 1.095        | 0.702        | 0.000      |         |
| 4    | 3  |          | 1.005    | 0.393     | 1.005        | 0.613        | 0.000      |         |
| 5    | 1  |          | 0.933    | 0.380     | 0.933        | 0.552        | 0.000      |         |
| 5    | 2  |          | 1.155    | 0.380     | 1.155        | 0.774        | 0.000      |         |
| 5    | 3  |          | 1.513    | 0.418     | 1.513        | 1.095        | 0.000      |         |
| 6    | 1  |          | 1.281    | 0.393     | 1.281        | 0.889        | 0.000      |         |
| 6    | 2  |          | 0.859    | 0.393     | 0.859        | 0.466        | 0.000      |         |
| 6    | 3  |          | 0.653    | 0.393     | 0.653        | 0.260        | 0.000      |         |
| 7    | 1  |          | 0.596    | 0.380     | 0.596        | 0.215        | 0.000      |         |
| 7    | 2  |          | 0.532    | 0.380     | 0.532        | 0.152        | 0.000      |         |
| 7    | 3  |          | 0.526    | 0.418     | 0.526        | 0.108        | 0.000      |         |
| 8    | 1  |          | 0.491    | 0.157     | 0.491        | 0.334        | 0.000      |         |
| 8    | 2  |          | 0.458    | 0.157     | 0.458        | 0.301        | 0.000      |         |
| 8    | 3  |          | 0.460    | 0.173     | 0.460        | 0.287        | 0.000      |         |
| 9    | 1  |          | 0.402    | 0.008     | 0.402        | 0.394        | 0.000      |         |
| 9    | 2  |          | 0.552    | 0.008     | 0.552        | 0.544        | 0.000      |         |
| 9    | 3  |          | 0.610    | 0.008     | 0.610        | 0.602        | 0.000      |         |
| 10   | 1  |          | 0.931    | 0.008     | 0.931        | 0.923        | 0.000      |         |
| 10   | 2  |          | 1.412    | 0.008     | 1.412        | 1.404        | 0.000      |         |
| 10   | 3  |          | 0.846    | 0.009     | 0.846        | 0.836        | 0.000      |         |
| 11   | 1  |          | 0.972    | 0.135     | 0.972        | 0.837        | 0.000      |         |
| 11   | 2  |          | 1.229    | 0.135     | 1.229        | 1.093        | 0.000      |         |
| 11   | 3  |          | 1.369    | 0.135     | 1.369        | 1.233        | 0.000      |         |
| 12   | 1  |          | 1.145    | 0.315     | 1.145        | 0.830        | 0.000      |         |
| 12   | 2  |          | 1.334    | 0.315     | 1.334        | 1.019        | 0.000      |         |
| 12   | 3  |          | 1.431    | 0.347     | 1.431        | 1.085        | 0.000      |         |
| Tot  | al |          | 37.471   | 9.563     | 37.471       | 27.909       | 0.000      |         |

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| 1986 | L. | Lakitan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 1.419    | 0.038       | 1.672        | 1.381      | 0.000   |
| 1    | 2  |         | 2.553    | 0.038       | 2.807        | 2.515      | 0.000   |
| 1    | 3  |         | 1.616    | 0.041       | 1.895        | 1.575      | 0.000   |
| 2    | 1  |         | 1.203    | 0.041       | 1.483        | 1.162      | 0.000   |
| 2    | 2  |         | 1.276    | 0.041       | 1.556        | 1.235      | 0.000   |
| 2    | 3  |         | 0.712    | 0.033       | 0.936        | 0.680      | 0.000   |
| 3    | 1  |         | 0.955    | 0.038       | 1.209        | 0.917      | 0.000   |
| 3    | 2  |         | 1.189    | 0.038       | 1.443        | 1.152      | 0.000   |
| 3    | 3  |         | 1.444    | 0.041       | 1.723        | 1.403      | 0.000   |
| 4    | 1  |         | 1.386    | 0.046       | 1.701        | 1.340      | 0.000   |
| 4    | 2  |         | 1.008    | 0.046       | 1.324        | 0.963      | 0.000   |
| 4    | 3  |         | 0.882    | 0.046       | 1.198        | 0.837      | 0.000   |
| 5    | 1  |         | 0.807    | 0.044       | 1.113        | 0.763      | 0.000   |
| 5    | 2  |         | 1.030    | 0.044       | 1.336        | 0.986      | 0.000   |
| 5    | 3  |         | 1.416    | 0.049       | 1.753        | 1.368      | 0.000   |
| 6    | 1  |         | 1.200    | 0.046       | 1.516        | 1.154      | 0.000   |
| 6    | 2  |         | 0.736    | 0.046       | 1.052        | 0.690      | 0.000   |
| 6    | 3  |         | 0.497    | 0.046       | 0.813        | 0.451      | 0.000   |
| 7    | 1  |         | 0.431    | 0.044       | 0.736        | 0.386      | 0.000   |
| 7    | 2  |         | 0.353    | 0.044       | 0.658        | 0.308      | 0.000   |
| 7    | 3  |         | 0.314    | 0.049       | 0.650        | 0.265      | 0.000   |
| 8    | 1  |         | 0.472    | 0.037       | 0.600        | 0.436      | 0.000   |
| 8    | 2  |         | 0.434    | 0.037       | 0.561        | 0.397      | 0.000   |
| 8    | 3  |         | 0.426    | 0.040       | 0.567        | 0.386      | 0.000   |
| 9    | 1  |         | 0.483    | 0.006       | 0.491        | 0.477      | 0.000   |
| 9    | 2  |         | 0.652    | 0.006       | 0.660        | 0.646      | 0.000   |
| 9    | 3  |         | 0.719    | 0.006       | 0.727        | 0.713      | 0.000   |
| 10   | 1  |         | 1.065    | 0.006       | 1.074        | 1.059      | 0.000   |
| 10   | 2  |         | 1.645    | 0.006       | 1.653        | 1.639      | 0.000   |
| 10   | 3  |         | 1.031    | 0.006       | 1.040        | 1.025      | 0.000   |
| 11   | 1  |         | 1.032    | 0.032       | 1.142        | 1.000      | 0.000   |
| 11   | 2  |         | 1.327    | 0.032       | 1.437        | 1.295      | 0.000   |
| 11   | 3  |         | 1.507    | 0.032       | 1.617        | 1.475      | 0.000   |
| 12   | 1  |         | 1.120    | 0.038       | 1.373        | 1.082      | 0.000   |
| 12   | 2  |         | 1.313    | 0.038       | 1.567        | 1.276      | 0.000   |
| 12   | 3  |         | 1.425    | 0.041       | 1.704        | 1.384      | 0.000   |
| Tot  | al |         | 37.078   | 1.256       | 44.789       | 35.822     | 0.000   |

  

| 1986 | M. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|---------|----------|-------------|--------------|------------|---------|
| 1    | 1       | 10.685   | 0.072       | 12.584       | 10.613     | 0.000   |
| 1    | 2       | 8.783    | 0.072       | 10.478       | 8.711      | 0.000   |
| 1    | 3       | 7.705    | 0.079       | 9.448        | 7.626      | 0.000   |
| 2    | 1       | 7.903    | 0.079       | 9.860        | 7.823      | 0.000   |
| 2    | 2       | 5.084    | 0.079       | 6.696        | 5.005      | 0.000   |
| 2    | 3       | 5.722    | 0.063       | 7.025        | 5.659      | 0.000   |
| 3    | 1       | 7.931    | 0.072       | 9.624        | 7.859      | 0.000   |
| 3    | 2       | 7.158    | 0.072       | 8.947        | 7.086      | 0.000   |
| 3    | 3       | 7.370    | 0.079       | 9.176        | 7.291      | 0.000   |
| 4    | 1       | 10.086   | 0.089       | 12.241       | 9.997      | 0.000   |
| 4    | 2       | 9.483    | 0.089       | 11.574       | 9.394      | 0.000   |
| 4    | 3       | 6.545    | 0.089       | 8.549        | 6.456      | 0.000   |
| 5    | 1       | 5.260    | 0.086       | 7.119        | 5.174      | 0.000   |
| 5    | 2       | 5.031    | 0.086       | 6.934        | 4.945      | 0.000   |
| 5    | 3       | 5.531    | 0.095       | 7.600        | 5.436      | 0.000   |
| 6    | 1       | 6.290    | 0.089       | 8.224        | 6.201      | 0.000   |
| 6    | 2       | 3.926    | 0.089       | 5.713        | 3.836      | 0.000   |
| 6    | 3       | 2.740    | 0.089       | 4.469        | 2.651      | 0.000   |
| 7    | 1       | 2.183    | 0.086       | 3.858        | 2.097      | 0.000   |
| 7    | 2       | 2.296    | 0.086       | 3.989        | 2.209      | 0.000   |
| 7    | 3       | 3.668    | 0.095       | 5.553        | 3.573      | 0.000   |
| 8    | 1       | 3.473    | 0.070       | 4.783        | 3.403      | 0.000   |
| 8    | 2       | 2.230    | 0.070       | 3.513        | 2.160      | 0.000   |
| 8    | 3       | 2.060    | 0.077       | 3.441        | 1.983      | 0.000   |
| 9    | 1       | 2.916    | 0.004       | 3.168        | 2.912      | 0.000   |
| 9    | 2       | 3.703    | 0.004       | 3.999        | 3.699      | 0.000   |
| 9    | 3       | 8.022    | 0.004       | 8.550        | 8.018      | 0.000   |
| 10   | 1       | 9.414    | 0.004       | 10.145       | 9.410      | 0.000   |
| 10   | 2       | 7.455    | 0.004       | 7.859        | 7.451      | 0.000   |
| 10   | 3       | 9.228    | 0.005       | 9.874        | 9.224      | 0.000   |
| 11   | 1       | 6.545    | 0.060       | 7.895        | 6.484      | 0.000   |
| 11   | 2       | 5.752    | 0.060       | 7.098        | 5.692      | 0.000   |
| 11   | 3       | 8.786    | 0.060       | 10.343       | 8.726      | 0.000   |
| 12   | 1       | 5.862    | 0.072       | 7.416        | 5.790      | 0.000   |
| 12   | 2       | 7.280    | 0.072       | 9.106        | 7.208      | 0.000   |
| 12   | 3       | 6.784    | 0.079       | 8.480        | 6.705      | 0.000   |
| Tot  | al      | 220.890  | 2.386       | 275.331      | 218.503    | 0.000   |

| 1986 |    | U. Rawas |             |              |            |         |
|------|----|----------|-------------|--------------|------------|---------|
|      |    | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 2.780    | 0.242       | 2.780        | 2.538      | 0.000   |
| 1    | 2  | 2.462    | 0.242       | 2.462        | 2.220      | 0.000   |
| 1    | 3  | 2.393    | 0.267       | 2.393        | 2.126      | 0.000   |
| 2    | 1  | 1.914    | 0.268       | 1.914        | 1.646      | 0.000   |
| 2    | 2  | 1.714    | 0.268       | 1.714        | 1.446      | 0.000   |
| 2    | 3  | 1.226    | 0.214       | 1.226        | 1.011      | 0.000   |
| 3    | 1  | 1.414    | 0.242       | 1.414        | 1.172      | 0.000   |
| 3    | 2  | 1.308    | 0.242       | 1.308        | 1.066      | 0.000   |
| 3    | 3  | 1.348    | 0.267       | 1.348        | 1.081      | 0.000   |
| 4    | 1  | 1.052    | 0.302       | 1.052        | 0.750      | 0.000   |
| 4    | 2  | 1.157    | 0.302       | 1.157        | 0.854      | 0.000   |
| 4    | 3  | 0.969    | 0.302       | 0.969        | 0.666      | 0.000   |
| 5    | 1  | 0.951    | 0.293       | 0.951        | 0.658      | 0.000   |
| 5    | 2  | 0.750    | 0.293       | 0.750        | 0.457      | 0.000   |
| 5    | 3  | 0.668    | 0.322       | 0.668        | 0.346      | 0.000   |
| 6    | 1  | 0.537    | 0.302       | 0.537        | 0.234      | 0.000   |
| 6    | 2  | 0.487    | 0.302       | 0.487        | 0.185      | 0.000   |
| 6    | 3  | 0.423    | 0.302       | 0.423        | 0.121      | 0.000   |
| 7    | 1  | 0.371    | 0.293       | 0.371        | 0.081      | 0.003   |
| 7    | 2  | 0.333    | 0.293       | 0.333        | 0.081      | 0.040   |
| 7    | 3  | 0.321    | 0.322       | 0.321        | 0.089      | 0.090   |
| 8    | 1  | 0.263    | 0.236       | 0.263        | 0.081      | 0.054   |
| 8    | 2  | 0.230    | 0.236       | 0.230        | 0.081      | 0.086   |
| 8    | 3  | 0.220    | 0.259       | 0.220        | 0.089      | 0.129   |
| 9    | 1  | 0.180    | 0.005       | 0.180        | 0.175      | 0.000   |
| 9    | 2  | 0.159    | 0.005       | 0.159        | 0.155      | 0.000   |
| 9    | 3  | 0.138    | 0.005       | 0.138        | 0.134      | 0.000   |
| 10   | 1  | 0.125    | 0.005       | 0.125        | 0.121      | 0.000   |
| 10   | 2  | 0.114    | 0.005       | 0.114        | 0.109      | 0.000   |
| 10   | 3  | 0.117    | 0.005       | 0.117        | 0.112      | 0.000   |
| 11   | 1  | 0.143    | 0.201       | 0.143        | 0.081      | 0.139   |
| 11   | 2  | 0.082    | 0.201       | 0.082        | 0.081      | 0.201   |
| 11   | 3  | 0.101    | 0.201       | 0.101        | 0.081      | 0.181   |
| 12   | 1  | 0.117    | 0.242       | 0.117        | 0.081      | 0.206   |
| 12   | 2  | 0.094    | 0.242       | 0.094        | 0.081      | 0.230   |
| 12   | 3  | 0.081    | 0.267       | 0.081        | 0.081      | 0.267   |
| Tot  | al | 26.741   | 7.995       | 26.741       | 20.371     | 1.625   |

| 1986 |    | L. Rawas |             |              |            |         |
|------|----|----------|-------------|--------------|------------|---------|
|      |    | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 4.065    | 0.174       | 4.260        | 3.891      | 0.000   |
| 1    | 2  | 3.543    | 0.174       | 3.738        | 3.369      | 0.000   |
| 1    | 3  | 3.453    | 0.191       | 3.667        | 3.262      | 0.000   |
| 2    | 1  | 2.950    | 0.192       | 3.165        | 2.758      | 0.000   |
| 2    | 2  | 3.631    | 0.192       | 3.846        | 3.438      | 0.000   |
| 2    | 3  | 3.343    | 0.154       | 3.515        | 3.189      | 0.000   |
| 3    | 1  | 5.068    | 0.174       | 5.263        | 4.894      | 0.000   |
| 3    | 2  | 4.998    | 0.174       | 5.193        | 4.824      | 0.000   |
| 3    | 3  | 5.657    | 0.191       | 5.871        | 5.466      | 0.000   |
| 4    | 1  | 6.479    | 0.219       | 6.722        | 6.260      | 0.000   |
| 4    | 2  | 6.088    | 0.219       | 6.331        | 5.869      | 0.000   |
| 4    | 3  | 4.553    | 0.219       | 4.796        | 4.334      | 0.000   |
| 5    | 1  | 4.148    | 0.212       | 4.383        | 3.936      | 0.000   |
| 5    | 2  | 2.889    | 0.212       | 3.124        | 2.677      | 0.000   |
| 5    | 3  | 2.503    | 0.234       | 2.762        | 2.270      | 0.000   |
| 6    | 1  | 1.894    | 0.219       | 2.137        | 1.675      | 0.000   |
| 6    | 2  | 1.654    | 0.219       | 1.897        | 1.434      | 0.000   |
| 6    | 3  | 1.430    | 0.219       | 1.673        | 1.210      | 0.000   |
| 7    | 1  | 1.242    | 0.212       | 1.475        | 1.030      | 0.000   |
| 7    | 2  | 1.113    | 0.212       | 1.316        | 0.901      | 0.000   |
| 7    | 3  | 1.087    | 0.234       | 1.273        | 0.853      | 0.000   |
| 8    | 1  | 0.901    | 0.174       | 1.047        | 0.726      | 0.000   |
| 8    | 2  | 0.817    | 0.174       | 0.937        | 0.642      | 0.000   |
| 8    | 3  | 0.811    | 0.192       | 0.916        | 0.619      | 0.000   |
| 9    | 1  | 0.861    | 0.005       | 0.865        | 0.855      | 0.000   |
| 9    | 2  | 0.966    | 0.005       | 0.970        | 0.960      | 0.000   |
| 9    | 3  | 0.969    | 0.005       | 0.973        | 0.964      | 0.000   |
| 10   | 1  | 1.276    | 0.005       | 1.280        | 1.271      | 0.000   |
| 10   | 2  | 1.510    | 0.005       | 1.515        | 1.505      | 0.000   |
| 10   | 3  | 2.856    | 0.006       | 2.861        | 2.850      | 0.000   |
| 11   | 1  | 3.203    | 0.147       | 3.254        | 3.056      | 0.000   |
| 11   | 2  | 1.745    | 0.147       | 1.746        | 1.598      | 0.000   |
| 11   | 3  | 1.986    | 0.147       | 2.003        | 1.838      | 0.000   |
| 12   | 1  | 2.036    | 0.174       | 2.066        | 1.862      | 0.000   |
| 12   | 2  | 1.424    | 0.174       | 1.435        | 1.250      | 0.000   |
| 12   | 3  | 1.285    | 0.191       | 1.285        | 1.094      | 0.000   |
| Tot  | al | 94.434   | 5.803       | 99.561       | 88.631     | 0.000   |

| 1986 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 2.957    | 0.328     | 2.957        | 2.629        | 0.000      |         |
| 1    | 2  |          | 2.619    | 0.328     | 2.619        | 2.292        | 0.000      |         |
| 1    | 3  |          | 2.541    | 0.361     | 2.541        | 2.180        | 0.000      |         |
| 2    | 1  |          | 2.036    | 0.363     | 2.036        | 1.674        | 0.000      |         |
| 2    | 2  |          | 1.816    | 0.363     | 1.816        | 1.453        | 0.000      |         |
| 2    | 3  |          | 1.303    | 0.290     | 1.303        | 1.013        | 0.000      |         |
| 3    | 1  |          | 1.482    | 0.328     | 1.482        | 1.154        | 0.000      |         |
| 3    | 2  |          | 1.353    | 0.328     | 1.353        | 1.025        | 0.000      |         |
| 3    | 3  |          | 1.388    | 0.361     | 1.388        | 1.027        | 0.000      |         |
| 4    | 1  |          | 1.124    | 0.470     | 1.124        | 0.653        | 0.000      |         |
| 4    | 2  |          | 1.165    | 0.470     | 1.165        | 0.695        | 0.000      |         |
| 4    | 3  |          | 1.035    | 0.470     | 1.035        | 0.565        | 0.000      |         |
| 5    | 1  |          | 0.976    | 0.455     | 0.976        | 0.521        | 0.000      |         |
| 5    | 2  |          | 0.838    | 0.455     | 0.838        | 0.383        | 0.000      |         |
| 5    | 3  |          | 0.762    | 0.501     | 0.762        | 0.262        | 0.000      |         |
| 6    | 1  |          | 0.603    | 0.470     | 0.603        | 0.133        | 0.000      |         |
| 6    | 2  |          | 0.541    | 0.470     | 0.541        | 0.071        | 0.000      |         |
| 6    | 3  |          | 0.479    | 0.470     | 0.479        | 0.054        | 0.045      |         |
| 7    | 1  |          | 0.419    | 0.455     | 0.419        | 0.054        | 0.090      |         |
| 7    | 2  |          | 0.373    | 0.455     | 0.373        | 0.054        | 0.137      |         |
| 7    | 3  |          | 0.362    | 0.501     | 0.362        | 0.059        | 0.198      |         |
| 8    | 1  |          | 0.292    | 0.451     | 0.292        | 0.054        | 0.214      |         |
| 8    | 2  |          | 0.259    | 0.451     | 0.259        | 0.054        | 0.246      |         |
| 8    | 3  |          | 0.248    | 0.496     | 0.248        | 0.059        | 0.308      |         |
| 9    | 1  |          | 0.200    | 0.002     | 0.200        | 0.198        | 0.000      |         |
| 9    | 2  |          | 0.180    | 0.002     | 0.180        | 0.178        | 0.000      |         |
| 9    | 3  |          | 0.157    | 0.002     | 0.157        | 0.155        | 0.000      |         |
| 10   | 1  |          | 0.140    | 0.002     | 0.140        | 0.138        | 0.000      |         |
| 10   | 2  |          | 0.128    | 0.002     | 0.128        | 0.127        | 0.000      |         |
| 10   | 3  |          | 0.129    | 0.002     | 0.129        | 0.127        | 0.000      |         |
| 11   | 1  |          | 0.153    | 0.335     | 0.153        | 0.054        | 0.237      |         |
| 11   | 2  |          | 0.109    | 0.335     | 0.109        | 0.054        | 0.280      |         |
| 11   | 3  |          | 0.107    | 0.335     | 0.107        | 0.054        | 0.282      |         |
| 12   | 1  |          | 0.129    | 0.328     | 0.129        | 0.054        | 0.253      |         |
| 12   | 2  |          | 0.109    | 0.328     | 0.109        | 0.054        | 0.273      |         |
| 12   | 3  |          | 0.106    | 0.361     | 0.106        | 0.059        | 0.314      |         |
| Tot  | al |          | 28.621   | 12.125    | 28.621       | 19.372       | 2.875      |         |
|      |    |          |          |           |              |              |            |         |
| 1986 |    | U.       | Lematang | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          |          | 2.243     | 0.475        | 2.243        | 1.768      | 0.000   |
| 1    | 2  |          |          | 0.946     | 0.475        | 0.946        | 0.471      | 0.000   |
| 1    | 3  |          |          | 1.319     | 0.522        | 1.319        | 0.797      | 0.000   |
| 2    | 1  |          |          | 1.707     | 0.523        | 1.707        | 1.185      | 0.000   |
| 2    | 2  |          |          | 1.004     | 0.523        | 1.004        | 0.481      | 0.000   |
| 2    | 3  |          |          | 1.820     | 0.418        | 1.820        | 1.402      | 0.000   |
| 3    | 1  |          |          | 2.616     | 0.475        | 2.616        | 2.142      | 0.000   |
| 3    | 2  |          |          | 1.777     | 0.475        | 1.777        | 1.302      | 0.000   |
| 3    | 3  |          |          | 1.795     | 0.522        | 1.795        | 1.273      | 0.000   |
| 4    | 1  |          |          | 3.155     | 0.521        | 3.155        | 2.635      | 0.000   |
| 4    | 2  |          |          | 2.963     | 0.521        | 2.963        | 2.442      | 0.000   |
| 4    | 3  |          |          | 1.871     | 0.521        | 1.871        | 1.350      | 0.000   |
| 5    | 1  |          |          | 1.472     | 0.505        | 1.472        | 0.967      | 0.000   |
| 5    | 2  |          |          | 0.932     | 0.505        | 0.932        | 0.427      | 0.000   |
| 5    | 3  |          |          | 0.769     | 0.555        | 0.769        | 0.264      | 0.050   |
| 6    | 1  |          |          | 0.917     | 0.521        | 0.917        | 0.396      | 0.000   |
| 6    | 2  |          |          | 0.761     | 0.521        | 0.761        | 0.240      | 0.000   |
| 6    | 3  |          |          | 0.605     | 0.521        | 0.605        | 0.240      | 0.156   |
| 7    | 1  |          |          | 0.543     | 0.505        | 0.543        | 0.240      | 0.202   |
| 7    | 2  |          |          | 0.636     | 0.505        | 0.636        | 0.240      | 0.109   |
| 7    | 3  |          |          | 0.793     | 0.555        | 0.793        | 0.264      | 0.027   |
| 8    | 1  |          |          | 0.719     | 0.505        | 0.719        | 0.240      | 0.026   |
| 8    | 2  |          |          | 0.498     | 0.505        | 0.498        | 0.240      | 0.246   |
| 8    | 3  |          |          | 0.497     | 0.555        | 0.497        | 0.264      | 0.322   |
| 9    | 1  |          |          | 0.530     | 0.028        | 0.530        | 0.501      | 0.000   |
| 9    | 2  |          |          | 0.636     | 0.028        | 0.636        | 0.608      | 0.000   |
| 9    | 3  |          |          | 0.742     | 0.028        | 0.742        | 0.714      | 0.000   |
| 10   | 1  |          |          | 0.878     | 0.028        | 0.878        | 0.850      | 0.000   |
| 10   | 2  |          |          | 0.825     | 0.028        | 0.825        | 0.797      | 0.000   |
| 10   | 3  |          |          | 1.450     | 0.031        | 1.450        | 1.419      | 0.000   |
| 11   | 1  |          |          | 1.214     | 0.490        | 1.214        | 0.724      | 0.000   |
| 11   | 2  |          |          | 0.746     | 0.490        | 0.746        | 0.256      | 0.000   |
| 11   | 3  |          |          | 1.439     | 0.490        | 1.439        | 0.949      | 0.000   |
| 12   | 1  |          |          | 0.960     | 0.475        | 0.960        | 0.485      | 0.000   |
| 12   | 2  |          |          | 1.221     | 0.475        | 1.221        | 0.746      | 0.000   |
| 12   | 3  |          |          | 0.963     | 0.522        | 0.963        | 0.441      | 0.000   |
| Tot  | al |          |          | 43.961    | 15.340       | 43.961       | 29.759     | 1.138   |



| 1986 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.946                | 0.420       | 4.332        | 3.526      | 0.000   |
| 1    | 2  | 2.302                | 0.420       | 2.688        | 1.882      | 0.000   |
| 1    | 3  | 2.571                | 0.462       | 2.995        | 2.109      | 0.000   |
| 2    | 1  | 2.777                | 0.464       | 3.201        | 2.313      | 0.000   |
| 2    | 2  | 2.297                | 0.464       | 2.721        | 1.833      | 0.000   |
| 2    | 3  | 2.542                | 0.371       | 2.881        | 2.171      | 0.000   |
| 3    | 1  | 3.744                | 0.420       | 4.129        | 3.324      | 0.000   |
| 3    | 2  | 3.400                | 0.420       | 3.785        | 2.980      | 0.000   |
| 3    | 3  | 4.234                | 0.462       | 4.658        | 3.772      | 0.000   |
| 4    | 1  | 4.713                | 0.566       | 5.135        | 4.147      | 0.000   |
| 4    | 2  | 6.048                | 0.566       | 6.470        | 5.483      | 0.000   |
| 4    | 3  | 4.503                | 0.566       | 4.925        | 3.937      | 0.000   |
| 5    | 1  | 4.681                | 0.548       | 5.090        | 4.133      | 0.000   |
| 5    | 2  | 3.025                | 0.548       | 3.434        | 2.477      | 0.000   |
| 5    | 3  | 2.198                | 0.602       | 2.608        | 1.595      | 0.000   |
| 6    | 1  | 1.950                | 0.566       | 2.373        | 1.385      | 0.000   |
| 6    | 2  | 1.773                | 0.566       | 2.195        | 1.207      | 0.000   |
| 6    | 3  | 1.626                | 0.566       | 1.924        | 1.061      | 0.000   |
| 7    | 1  | 1.425                | 0.548       | 1.673        | 0.877      | 0.000   |
| 7    | 2  | 1.334                | 0.548       | 1.656        | 0.786      | 0.000   |
| 7    | 3  | 1.387                | 0.602       | 1.816        | 0.785      | 0.000   |
| 8    | 1  | 1.257                | 0.548       | 1.645        | 0.709      | 0.000   |
| 8    | 2  | 1.173                | 0.548       | 1.385        | 0.625      | 0.000   |
| 8    | 3  | 1.149                | 0.602       | 1.342        | 0.546      | 0.000   |
| 9    | 1  | 1.255                | 0.009       | 1.283        | 1.245      | 0.000   |
| 9    | 2  | 1.557                | 0.009       | 1.585        | 1.548      | 0.000   |
| 9    | 3  | 1.618                | 0.009       | 1.646        | 1.608      | 0.000   |
| 10   | 1  | 1.989                | 0.009       | 2.017        | 1.980      | 0.000   |
| 10   | 2  | 2.324                | 0.009       | 2.352        | 2.315      | 0.000   |
| 10   | 3  | 3.207                | 0.010       | 3.238        | 3.196      | 0.000   |
| 11   | 1  | 3.615                | 0.433       | 4.013        | 3.182      | 0.000   |
| 11   | 2  | 2.059                | 0.433       | 2.457        | 1.626      | 0.000   |
| 11   | 3  | 2.665                | 0.433       | 3.062        | 2.231      | 0.000   |
| 12   | 1  | 2.657                | 0.420       | 3.042        | 2.237      | 0.000   |
| 12   | 2  | 3.306                | 0.420       | 3.692        | 2.886      | 0.000   |
| 12   | 3  | 3.328                | 0.462       | 3.752        | 2.866      | 0.000   |
| Tot  | al | 95.633               | 15.047      | 107.200      | 80.587     | 0.000   |

  

| 1986 |    | U. Ogan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.396               | 0.354       | 1.396        | 1.041      | 0.000   |
| 1    | 2  | 1.076               | 0.354       | 1.076        | 0.722      | 0.000   |
| 1    | 3  | 0.935               | 0.390       | 0.935        | 0.545      | 0.000   |
| 2    | 1  | 1.301               | 0.388       | 1.301        | 0.913      | 0.000   |
| 2    | 2  | 0.874               | 0.388       | 0.874        | 0.486      | 0.000   |
| 2    | 3  | 0.560               | 0.311       | 0.560        | 0.250      | 0.000   |
| 3    | 1  | 1.354               | 0.354       | 1.354        | 1.000      | 0.000   |
| 3    | 2  | 1.727               | 0.354       | 1.727        | 1.373      | 0.000   |
| 3    | 3  | 2.221               | 0.390       | 2.221        | 1.832      | 0.000   |
| 4    | 1  | 2.111               | 0.379       | 2.111        | 1.732      | 0.000   |
| 4    | 2  | 2.938               | 0.379       | 2.938        | 2.558      | 0.000   |
| 4    | 3  | 1.841               | 0.379       | 1.841        | 1.461      | 0.000   |
| 5    | 1  | 2.416               | 0.368       | 2.416        | 2.048      | 0.000   |
| 5    | 2  | 1.379               | 0.368       | 1.379        | 1.010      | 0.000   |
| 5    | 3  | 1.082               | 0.405       | 1.082        | 0.677      | 0.000   |
| 6    | 1  | 0.990               | 0.379       | 0.990        | 0.610      | 0.000   |
| 6    | 2  | 0.867               | 0.379       | 0.867        | 0.487      | 0.000   |
| 6    | 3  | 0.725               | 0.379       | 0.725        | 0.346      | 0.000   |
| 7    | 1  | 0.620               | 0.368       | 0.620        | 0.251      | 0.000   |
| 7    | 2  | 0.580               | 0.368       | 0.580        | 0.212      | 0.000   |
| 7    | 3  | 0.612               | 0.405       | 0.612        | 0.207      | 0.000   |
| 8    | 1  | 0.525               | 0.105       | 0.525        | 0.420      | 0.000   |
| 8    | 2  | 0.433               | 0.105       | 0.433        | 0.328      | 0.000   |
| 8    | 3  | 0.393               | 0.116       | 0.393        | 0.277      | 0.000   |
| 9    | 1  | 0.343               | 0.037       | 0.343        | 0.306      | 0.000   |
| 9    | 2  | 0.547               | 0.037       | 0.547        | 0.510      | 0.000   |
| 9    | 3  | 0.586               | 0.037       | 0.586        | 0.549      | 0.000   |
| 10   | 1  | 0.853               | 0.037       | 0.853        | 0.816      | 0.000   |
| 10   | 2  | 1.011               | 0.037       | 1.011        | 0.974      | 0.000   |
| 10   | 3  | 1.652               | 0.041       | 1.652        | 1.611      | 0.000   |
| 11   | 1  | 1.697               | 0.141       | 1.697        | 1.557      | 0.000   |
| 11   | 2  | 0.851               | 0.141       | 0.851        | 0.711      | 0.000   |
| 11   | 3  | 0.957               | 0.141       | 0.957        | 0.817      | 0.000   |
| 12   | 1  | 1.296               | 0.354       | 1.296        | 0.942      | 0.000   |
| 12   | 2  | 1.905               | 0.354       | 1.905        | 1.551      | 0.000   |
| 12   | 3  | 1.558               | 0.390       | 1.558        | 1.168      | 0.000   |
| Tot  | al | 42.214              | 9.918       | 42.214       | 32.297     | 0.000   |

| 1986 |    | L. Ogan     | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|-------------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 2.463       | 0.586    | 2.754       | 1.878        | 0.000      |         |
| 1    | 2  | 2.369       | 0.586    | 2.660       | 1.784        | 0.000      |         |
| 1    | 3  | 1.724       | 0.644    | 2.044       | 1.080        | 0.000      |         |
| 2    | 1  | 2.019       | 0.647    | 2.337       | 1.372        | 0.000      |         |
| 2    | 2  | 1.709       | 0.647    | 2.027       | 1.062        | 0.000      |         |
| 2    | 3  | 1.055       | 0.518    | 1.309       | 0.537        | 0.000      |         |
| 3    | 1  | 2.021       | 0.586    | 2.312       | 1.435        | 0.000      |         |
| 3    | 2  | 2.587       | 0.586    | 2.878       | 2.002        | 0.000      |         |
| 3    | 3  | 3.947       | 0.644    | 4.267       | 3.302        | 0.000      |         |
| 4    | 1  | 3.671       | 0.163    | 3.982       | 3.509        | 0.000      |         |
| 4    | 2  | 5.843       | 0.163    | 6.154       | 5.680        | 0.000      |         |
| 4    | 3  | 4.577       | 0.163    | 4.888       | 4.414        | 0.000      |         |
| 5    | 1  | 5.366       | 0.158    | 5.668       | 5.208        | 0.000      |         |
| 5    | 2  | 3.218       | 0.158    | 3.520       | 3.060        | 0.000      |         |
| 5    | 3  | 2.300       | 0.174    | 2.632       | 2.127        | 0.000      |         |
| 6    | 1  | 1.965       | 0.163    | 2.276       | 1.802        | 0.000      |         |
| 6    | 2  | 1.772       | 0.163    | 2.083       | 1.610        | 0.000      |         |
| 6    | 3  | 1.525       | 0.163    | 1.836       | 1.362        | 0.000      |         |
| 7    | 1  | 1.264       | 0.158    | 1.566       | 1.106        | 0.000      |         |
| 7    | 2  | 1.111       | 0.158    | 1.414       | 0.954        | 0.000      |         |
| 7    | 3  | 1.101       | 0.174    | 1.433       | 0.927        | 0.000      |         |
| 8    | 1  | 1.147       | 0.122    | 1.239       | 1.026        | 0.000      |         |
| 8    | 2  | 1.010       | 0.122    | 1.102       | 0.888        | 0.000      |         |
| 8    | 3  | 0.918       | 0.134    | 1.019       | 0.784        | 0.000      |         |
| 9    | 1  | 0.809       | 0.009    | 0.846       | 0.800        | 0.000      |         |
| 9    | 2  | 1.141       | 0.009    | 1.178       | 1.132        | 0.000      |         |
| 9    | 3  | 1.246       | 0.009    | 1.283       | 1.237        | 0.000      |         |
| 10   | 1  | 1.591       | 0.009    | 1.628       | 1.582        | 0.000      |         |
| 10   | 2  | 1.905       | 0.009    | 1.942       | 1.896        | 0.000      |         |
| 10   | 3  | 2.975       | 0.010    | 3.016       | 2.965        | 0.000      |         |
| 11   | 1  | 3.406       | 0.574    | 3.526       | 2.832        | 0.000      |         |
| 11   | 2  | 2.049       | 0.574    | 2.169       | 1.475        | 0.000      |         |
| 11   | 3  | 2.238       | 0.574    | 2.358       | 1.664        | 0.000      |         |
| 12   | 1  | 2.868       | 0.586    | 3.159       | 2.282        | 0.000      |         |
| 12   | 2  | 3.457       | 0.586    | 3.748       | 2.872        | 0.000      |         |
| 12   | 3  | 3.385       | 0.644    | 3.705       | 2.740        | 0.000      |         |
| Tot  | al | 83.753      | 11.371   | 91.958      | 72.382       | 0.000      |         |
|      |    |             |          |             |              |            |         |
| 1986 |    | U. Komering | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 4.586       | 0.884    | 4.586       | 3.702        | 0.000      |         |
| 1    | 2  | 3.428       | 0.884    | 3.428       | 2.544        | 0.000      |         |
| 1    | 3  | 2.539       | 0.972    | 2.539       | 1.567        | 0.000      |         |
| 2    | 1  | 5.468       | 0.973    | 5.468       | 4.495        | 0.000      |         |
| 2    | 2  | 2.910       | 0.973    | 2.910       | 1.937        | 0.000      |         |
| 2    | 3  | 2.746       | 0.778    | 2.746       | 1.968        | 0.000      |         |
| 3    | 1  | 7.373       | 0.884    | 7.373       | 6.489        | 0.000      |         |
| 3    | 2  | 6.137       | 0.884    | 6.137       | 5.253        | 0.000      |         |
| 3    | 3  | 5.416       | 0.972    | 5.416       | 4.444        | 0.000      |         |
| 4    | 1  | 6.688       | 1.094    | 6.688       | 5.594        | 0.000      |         |
| 4    | 2  | 8.159       | 1.094    | 8.159       | 7.065        | 0.000      |         |
| 4    | 3  | 5.282       | 1.094    | 5.282       | 4.189        | 0.000      |         |
| 5    | 1  | 4.879       | 1.060    | 4.879       | 3.819        | 0.000      |         |
| 5    | 2  | 3.790       | 1.060    | 3.790       | 2.730        | 0.000      |         |
| 5    | 3  | 3.346       | 1.166    | 3.346       | 2.180        | 0.000      |         |
| 6    | 1  | 3.809       | 1.094    | 3.809       | 2.715        | 0.000      |         |
| 6    | 2  | 3.058       | 1.094    | 3.058       | 1.964        | 0.000      |         |
| 6    | 3  | 2.717       | 1.094    | 2.717       | 1.624        | 0.000      |         |
| 7    | 1  | 2.142       | 1.060    | 2.142       | 1.082        | 0.000      |         |
| 7    | 2  | 2.400       | 1.060    | 2.400       | 1.340        | 0.000      |         |
| 7    | 3  | 4.457       | 1.166    | 4.457       | 3.290        | 0.000      |         |
| 8    | 1  | 4.110       | 0.053    | 4.110       | 4.057        | 0.000      |         |
| 8    | 2  | 2.511       | 0.053    | 2.511       | 2.458        | 0.000      |         |
| 8    | 3  | 2.206       | 0.058    | 2.206       | 2.148        | 0.000      |         |
| 9    | 1  | 1.877       | 0.053    | 1.877       | 1.824        | 0.000      |         |
| 9    | 2  | 2.330       | 0.053    | 2.330       | 2.278        | 0.000      |         |
| 9    | 3  | 5.875       | 0.053    | 5.875       | 5.823        | 0.000      |         |
| 10   | 1  | 7.188       | 0.053    | 7.188       | 7.135        | 0.000      |         |
| 10   | 2  | 5.740       | 0.053    | 5.740       | 5.687        | 0.000      |         |
| 10   | 3  | 6.397       | 0.058    | 6.397       | 6.339        | 0.000      |         |
| 11   | 1  | 6.135       | 0.053    | 6.135       | 6.082        | 0.000      |         |
| 11   | 2  | 3.974       | 0.053    | 3.974       | 3.922        | 0.000      |         |
| 11   | 3  | 4.897       | 0.053    | 4.897       | 4.845        | 0.000      |         |
| 12   | 1  | 4.579       | 0.884    | 4.579       | 3.695        | 0.000      |         |
| 12   | 2  | 4.912       | 0.884    | 4.912       | 4.028        | 0.000      |         |
| 12   | 3  | 4.353       | 0.972    | 4.353       | 3.381        | 0.000      |         |
| Tot  | al | 158.413     | 24.720   | 158.413     | 133.693      | 0.000      |         |

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| 1986 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 5.644                | 0.964       | 6.428        | 4.680      | 0.000   |
| 1    | 2  | 4.318                | 0.964       | 5.102        | 3.354      | 0.000   |
| 1    | 3  | 3.351                | 1.061       | 4.214        | 2.290      | 0.000   |
| 2    | 1  | 6.263                | 1.063       | 7.126        | 5.200      | 0.000   |
| 2    | 2  | 3.553                | 1.063       | 4.416        | 2.490      | 0.000   |
| 2    | 3  | 3.165                | 0.851       | 3.855        | 2.315      | 0.000   |
| 3    | 1  | 8.025                | 0.964       | 8.809        | 7.061      | 0.000   |
| 3    | 2  | 7.173                | 0.964       | 7.957        | 6.208      | 0.000   |
| 3    | 3  | 7.856                | 1.061       | 8.718        | 6.795      | 0.000   |
| 4    | 1  | 9.327                | 1.295       | 10.295       | 8.031      | 0.000   |
| 4    | 2  | 10.512               | 1.295       | 11.481       | 9.217      | 0.000   |
| 4    | 3  | 6.906                | 1.295       | 7.875        | 5.610      | 0.000   |
| 5    | 1  | 7.219                | 1.255       | 8.158        | 5.964      | 0.000   |
| 5    | 2  | 5.288                | 1.255       | 6.227        | 4.033      | 0.000   |
| 5    | 3  | 4.127                | 1.380       | 5.161        | 2.747      | 0.000   |
| 6    | 1  | 4.185                | 1.295       | 5.153        | 2.889      | 0.000   |
| 6    | 2  | 3.350                | 1.295       | 4.319        | 2.054      | 0.000   |
| 6    | 3  | 2.918                | 1.295       | 3.887        | 1.623      | 0.000   |
| 7    | 1  | 2.209                | 1.255       | 3.148        | 0.954      | 0.000   |
| 7    | 2  | 2.332                | 1.255       | 3.271        | 1.077      | 0.000   |
| 7    | 3  | 4.317                | 1.380       | 5.350        | 2.936      | 0.000   |
| 8    | 1  | 4.801                | 1.003       | 4.853        | 3.797      | 0.000   |
| 8    | 2  | 3.137                | 1.003       | 3.190        | 2.134      | 0.000   |
| 8    | 3  | 2.789                | 1.104       | 2.847        | 1.685      | 0.000   |
| 9    | 1  | 2.326                | 0.041       | 2.379        | 2.285      | 0.000   |
| 9    | 2  | 2.972                | 0.041       | 3.025        | 2.931      | 0.000   |
| 9    | 3  | 6.631                | 0.041       | 6.683        | 6.590      | 0.000   |
| 10   | 1  | 8.018                | 0.041       | 8.071        | 7.977      | 0.000   |
| 10   | 2  | 6.721                | 0.041       | 6.773        | 6.680      | 0.000   |
| 10   | 3  | 7.655                | 0.045       | 7.712        | 7.609      | 0.000   |
| 11   | 1  | 7.366                | 0.781       | 7.419        | 6.586      | 0.000   |
| 11   | 2  | 5.073                | 0.781       | 5.126        | 4.293      | 0.000   |
| 11   | 3  | 6.298                | 0.781       | 6.351        | 5.517      | 0.000   |
| 12   | 1  | 6.010                | 0.964       | 6.794        | 5.045      | 0.000   |
| 12   | 2  | 6.344                | 0.964       | 7.128        | 5.380      | 0.000   |
| 12   | 3  | 5.465                | 1.061       | 6.327        | 4.404      | 0.000   |
| Tot  | al | 193.643              | 33.201      | 215.627      | 160.442    | 0.000   |

  

| 1986 | L. | Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|------------------|-------------|--------------|------------|---------|
| 1    | 1  | 30.272           | 0.914       | 35.765       | 29.358     | 0.000   |
| 1    | 2  | 24.930           | 0.914       | 30.221       | 24.017     | 0.000   |
| 1    | 3  | 21.497           | 1.005       | 27.194       | 20.492     | 0.000   |
| 2    | 1  | 23.938           | 0.980       | 29.854       | 22.958     | 0.000   |
| 2    | 2  | 18.834           | 0.980       | 24.406       | 17.854     | 0.000   |
| 2    | 3  | 18.058           | 0.784       | 22.528       | 17.275     | 0.000   |
| 3    | 1  | 30.790           | 0.914       | 36.077       | 29.876     | 0.000   |
| 3    | 2  | 29.542           | 0.914       | 34.926       | 28.628     | 0.000   |
| 3    | 3  | 34.476           | 1.005       | 40.236       | 33.471     | 0.000   |
| 4    | 1  | 40.024           | 1.168       | 46.223       | 38.857     | 0.000   |
| 4    | 2  | 44.029           | 1.168       | 50.164       | 42.861     | 0.000   |
| 4    | 3  | 31.600           | 1.168       | 37.648       | 30.432     | 0.000   |
| 5    | 1  | 31.120           | 1.139       | 36.898       | 29.980     | 0.000   |
| 5    | 2  | 22.046           | 1.139       | 27.868       | 20.906     | 0.000   |
| 5    | 3  | 18.419           | 1.253       | 24.761       | 17.166     | 0.000   |
| 6    | 1  | 17.398           | 1.168       | 23.376       | 16.231     | 0.000   |
| 6    | 2  | 13.332           | 1.168       | 19.164       | 12.165     | 0.000   |
| 6    | 3  | 10.809           | 1.168       | 16.422       | 9.642      | 0.000   |
| 7    | 1  | 8.652            | 1.139       | 14.010       | 7.512      | 0.000   |
| 7    | 2  | 8.320            | 1.139       | 13.705       | 7.181      | 0.000   |
| 7    | 3  | 11.488           | 1.253       | 17.433       | 10.235     | 0.000   |
| 8    | 1  | 11.632           | 1.128       | 15.207       | 10.504     | 0.000   |
| 8    | 2  | 8.261            | 1.128       | 11.580       | 7.133      | 0.000   |
| 8    | 3  | 7.438            | 1.241       | 10.962       | 6.197      | 0.000   |
| 9    | 1  | 9.303            | 0.298       | 9.749        | 9.005      | 0.000   |
| 9    | 2  | 11.616           | 0.298       | 12.105       | 11.317     | 0.000   |
| 9    | 3  | 19.791           | 0.298       | 20.512       | 19.492     | 0.000   |
| 10   | 1  | 23.983           | 0.298       | 24.908       | 23.685     | 0.000   |
| 10   | 2  | 22.086           | 0.298       | 22.684       | 21.788     | 0.000   |
| 10   | 3  | 29.700           | 0.328       | 30.559       | 29.372     | 0.000   |
| 11   | 1  | 26.997           | 0.925       | 30.544       | 26.073     | 0.000   |
| 11   | 2  | 17.956           | 0.925       | 21.415       | 17.032     | 0.000   |
| 11   | 3  | 23.528           | 0.925       | 27.211       | 22.604     | 0.000   |
| 12   | 1  | 21.114           | 0.914       | 25.896       | 20.200     | 0.000   |
| 12   | 2  | 22.671           | 0.914       | 27.689       | 21.757     | 0.000   |
| 12   | 3  | 21.102           | 1.005       | 26.287       | 20.097     | 0.000   |
| Tot  | al | 766.755          | 33.401      | 926.188      | 733.354    | 0.000   |

| 1986 | Mu | si Mouth | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 31.523   | 0.491     | 37.930       | 31.129     | 0.000   |
| 1    | 2  |          | 26.374   | 0.491     | 32.578       | 25.980     | 0.000   |
| 1    | 3  |          | 22.380   | 0.540     | 29.082       | 21.946     | 0.000   |
| 2    | 1  |          | 24.945   | 0.543     | 31.840       | 24.509     | 0.000   |
| 2    | 2  |          | 20.277   | 0.543     | 26.828       | 19.842     | 0.000   |
| 2    | 3  |          | 19.203   | 0.434     | 24.456       | 18.854     | 0.000   |
| 3    | 1  |          | 31.710   | 0.491     | 37.912       | 31.317     | 0.000   |
| 3    | 2  |          | 30.482   | 0.491     | 36.779       | 30.088     | 0.000   |
| 3    | 3  |          | 37.998   | 0.540     | 44.763       | 37.565     | 0.000   |
| 4    | 1  |          | 43.000   | 0.705     | 50.367       | 42.435     | 0.000   |
| 4    | 2  |          | 47.030   | 0.705     | 54.333       | 46.465     | 0.000   |
| 4    | 3  |          | 34.559   | 0.705     | 41.775       | 33.994     | 0.000   |
| 5    | 1  |          | 34.131   | 0.683     | 41.049       | 33.583     | 0.000   |
| 5    | 2  |          | 23.879   | 0.683     | 30.841       | 23.332     | 0.000   |
| 5    | 3  |          | 19.552   | 0.751     | 27.146       | 18.949     | 0.000   |
| 6    | 1  |          | 18.104   | 0.705     | 25.249       | 17.538     | 0.000   |
| 6    | 2  |          | 14.231   | 0.705     | 21.230       | 13.666     | 0.000   |
| 6    | 3  |          | 11.611   | 0.705     | 18.391       | 11.046     | 0.000   |
| 7    | 1  |          | 9.216    | 0.683     | 15.714       | 8.669      | 0.000   |
| 7    | 2  |          | 8.729    | 0.683     | 15.253       | 8.182      | 0.000   |
| 7    | 3  |          | 11.717   | 0.751     | 18.915       | 11.115     | 0.000   |
| 8    | 1  |          | 11.693   | 0.671     | 16.396       | 11.155     | 0.000   |
| 8    | 2  |          | 8.209    | 0.671     | 12.657       | 7.671      | 0.000   |
| 8    | 3  |          | 7.234    | 0.738     | 11.998       | 6.642      | 0.000   |
| 9    | 1  |          | 9.862    | 0.007     | 10.606       | 9.855      | 0.000   |
| 9    | 2  |          | 12.171   | 0.007     | 12.958       | 12.164     | 0.000   |
| 9    | 3  |          | 20.439   | 0.007     | 21.458       | 20.432     | 0.000   |
| 10   | 1  |          | 24.537   | 0.007     | 25.760       | 24.531     | 0.000   |
| 10   | 2  |          | 22.516   | 0.007     | 23.412       | 22.509     | 0.000   |
| 10   | 3  |          | 30.413   | 0.007     | 31.599       | 30.405     | 0.000   |
| 11   | 1  |          | 27.203   | 0.497     | 31.675       | 26.804     | 0.000   |
| 11   | 2  |          | 18.215   | 0.497     | 22.598       | 17.816     | 0.000   |
| 11   | 3  |          | 24.887   | 0.497     | 29.494       | 24.487     | 0.000   |
| 12   | 1  |          | 22.825   | 0.491     | 28.521       | 22.431     | 0.000   |
| 12   | 2  |          | 23.934   | 0.491     | 29.866       | 23.540     | 0.000   |
| 12   | 3  |          | 22.525   | 0.540     | 28.716       | 22.092     | 0.000   |
| Tot  | al |          | 807.313  | 18.159    | 1000.147     | 792.736    | 0.000   |
| 1987 |    | U. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 6.864    | 1.348     | 6.796        | 5.579      | 0.000   |
| 1    | 2  |          | 5.593    | 1.171     | 5.525        | 4.485      | 0.000   |
| 1    | 3  |          | 6.039    | 1.317     | 5.965        | 4.792      | 0.000   |
| 2    | 1  |          | 3.265    | 1.151     | 3.190        | 2.184      | 0.000   |
| 2    | 2  |          | 6.045    | 1.308     | 5.970        | 4.807      | 0.000   |
| 2    | 3  |          | 3.510    | 0.960     | 3.450        | 2.605      | 0.000   |
| 3    | 1  |          | 8.627    | 1.348     | 8.559        | 7.343      | 0.000   |
| 3    | 2  |          | 5.983    | 1.348     | 5.916        | 4.699      | 0.000   |
| 3    | 3  |          | 5.989    | 1.287     | 5.914        | 4.771      | 0.000   |
| 4    | 1  |          | 4.622    | 1.340     | 4.537        | 3.362      | 0.000   |
| 4    | 2  |          | 8.378    | 1.514     | 8.293        | 6.944      | 0.000   |
| 4    | 3  |          | 7.902    | 1.514     | 7.817        | 6.467      | 0.000   |
| 5    | 1  |          | 9.388    | 1.488     | 9.306        | 7.978      | 0.000   |
| 5    | 2  |          | 5.717    | 1.330     | 5.635        | 4.464      | 0.000   |
| 5    | 3  |          | 3.068    | 1.234     | 2.978        | 1.919      | 0.000   |
| 6    | 1  |          | 3.961    | 1.270     | 3.876        | 2.771      | 0.000   |
| 6    | 2  |          | 3.002    | 1.152     | 2.917        | 1.930      | 0.000   |
| 6    | 3  |          | 3.437    | 1.175     | 3.352        | 2.342      | 0.000   |
| 7    | 1  |          | 2.427    | 1.058     | 2.345        | 1.446      | 0.000   |
| 7    | 2  |          | 2.335    | 1.058     | 2.253        | 1.354      | 0.000   |
| 7    | 3  |          | 2.626    | 1.178     | 2.536        | 1.533      | 0.000   |
| 8    | 1  |          | 1.925    | 0.940     | 1.859        | 1.062      | 0.000   |
| 8    | 2  |          | 1.839    | 0.934     | 1.773        | 0.981      | 0.000   |
| 8    | 3  |          | 1.939    | 1.016     | 1.866        | 1.008      | 0.000   |
| 9    | 1  |          | 1.553    | 0.197     | 1.553        | 1.357      | 0.000   |
| 9    | 2  |          | 1.646    | 0.202     | 1.646        | 1.445      | 0.000   |
| 9    | 3  |          | 1.612    | 0.206     | 1.612        | 1.407      | 0.000   |
| 10   | 1  |          | 1.594    | 0.197     | 1.594        | 1.398      | 0.000   |
| 10   | 2  |          | 1.638    | 0.206     | 1.638        | 1.432      | 0.000   |
| 10   | 3  |          | 1.832    | 0.233     | 1.832        | 1.599      | 0.000   |
| 11   | 1  |          | 4.440    | 1.224     | 4.384        | 3.282      | 0.000   |
| 11   | 2  |          | 3.016    | 0.922     | 2.960        | 2.160      | 0.000   |
| 11   | 3  |          | 2.470    | 0.879     | 2.413        | 1.656      | 0.000   |
| 12   | 1  |          | 6.268    | 1.193     | 6.200        | 5.138      | 0.000   |
| 12   | 2  |          | 6.769    | 1.348     | 6.702        | 5.485      | 0.000   |
| 12   | 3  |          | 2.548    | 1.050     | 2.474        | 1.568      | 0.000   |
| Tot  | al |          | 149.869  | 37.297    | 147.638      | 114.750    | 0.000   |

| 1987 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.945   | 0.295    | 0.945     | 0.650        | 0.000      |         |
| 1    | 2  | 1.205   | 0.295    | 1.205     | 0.909        | 0.000      |         |
| 1    | 3  | 1.327   | 0.325    | 1.327     | 1.003        | 0.000      |         |
| 2    | 1  | 0.814   | 0.325    | 0.814     | 0.489        | 0.000      |         |
| 2    | 2  | 0.718   | 0.325    | 0.718     | 0.393        | 0.000      |         |
| 2    | 3  | 0.546   | 0.260    | 0.546     | 0.286        | 0.000      |         |
| 3    | 1  | 0.836   | 0.295    | 0.836     | 0.540        | 0.000      |         |
| 3    | 2  | 2.417   | 0.295    | 2.417     | 2.122        | 0.000      |         |
| 3    | 3  | 1.883   | 0.325    | 1.883     | 1.558        | 0.000      |         |
| 4    | 1  | 1.363   | 0.365    | 1.363     | 0.997        | 0.000      |         |
| 4    | 2  | 1.350   | 0.365    | 1.350     | 0.985        | 0.000      |         |
| 4    | 3  | 1.754   | 0.365    | 1.754     | 1.389        | 0.000      |         |
| 5    | 1  | 2.091   | 0.354    | 2.091     | 1.737        | 0.000      |         |
| 5    | 2  | 1.755   | 0.354    | 1.755     | 1.401        | 0.000      |         |
| 5    | 3  | 1.234   | 0.390    | 1.234     | 0.845        | 0.000      |         |
| 6    | 1  | 0.844   | 0.365    | 0.844     | 0.478        | 0.000      |         |
| 6    | 2  | 0.741   | 0.365    | 0.741     | 0.376        | 0.000      |         |
| 6    | 3  | 0.619   | 0.365    | 0.619     | 0.254        | 0.000      |         |
| 7    | 1  | 0.539   | 0.354    | 0.539     | 0.185        | 0.000      |         |
| 7    | 2  | 0.490   | 0.354    | 0.490     | 0.136        | 0.000      |         |
| 7    | 3  | 0.502   | 0.390    | 0.502     | 0.112        | 0.000      |         |
| 8    | 1  | 0.386   | 0.192    | 0.386     | 0.194        | 0.000      |         |
| 8    | 2  | 0.337   | 0.192    | 0.337     | 0.145        | 0.000      |         |
| 8    | 3  | 0.327   | 0.211    | 0.327     | 0.116        | 0.000      |         |
| 9    | 1  | 0.270   | 0.019    | 0.270     | 0.251        | 0.000      |         |
| 9    | 2  | 0.233   | 0.019    | 0.233     | 0.215        | 0.000      |         |
| 9    | 3  | 0.212   | 0.019    | 0.212     | 0.193        | 0.000      |         |
| 10   | 1  | 0.216   | 0.019    | 0.216     | 0.198        | 0.000      |         |
| 10   | 2  | 0.190   | 0.019    | 0.190     | 0.171        | 0.000      |         |
| 10   | 3  | 0.197   | 0.021    | 0.197     | 0.176        | 0.000      |         |
| 11   | 1  | 0.383   | 0.166    | 0.383     | 0.217        | 0.000      |         |
| 11   | 2  | 1.274   | 0.166    | 1.274     | 1.108        | 0.000      |         |
| 11   | 3  | 0.721   | 0.166    | 0.721     | 0.554        | 0.000      |         |
| 12   | 1  | 0.678   | 0.295    | 0.678     | 0.383        | 0.000      |         |
| 12   | 2  | 0.851   | 0.295    | 0.851     | 0.556        | 0.000      |         |
| 12   | 3  | 1.232   | 0.325    | 1.232     | 0.907        | 0.000      |         |
| Tot  | al | 31.480  | 9.252    | 31.480    | 22.227       | 0.000      |         |

  

| 1987 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.819    | 0.211    | 0.819     | 0.608        | 0.000      |         |
| 1    | 2  | 0.878    | 0.211    | 0.878     | 0.667        | 0.000      |         |
| 1    | 3  | 1.127    | 0.233    | 1.127     | 0.894        | 0.000      |         |
| 2    | 1  | 0.789    | 0.234    | 0.789     | 0.555        | 0.000      |         |
| 2    | 2  | 0.750    | 0.234    | 0.750     | 0.517        | 0.000      |         |
| 2    | 3  | 0.542    | 0.187    | 0.542     | 0.355        | 0.000      |         |
| 3    | 1  | 0.781    | 0.211    | 0.781     | 0.569        | 0.000      |         |
| 3    | 2  | 2.279    | 0.211    | 2.279     | 2.068        | 0.000      |         |
| 3    | 3  | 1.871    | 0.233    | 1.871     | 1.639        | 0.000      |         |
| 4    | 1  | 1.226    | 0.265    | 1.226     | 0.961        | 0.000      |         |
| 4    | 2  | 1.124    | 0.265    | 1.124     | 0.859        | 0.000      |         |
| 4    | 3  | 1.338    | 0.265    | 1.338     | 1.072        | 0.000      |         |
| 5    | 1  | 1.752    | 0.257    | 1.752     | 1.495        | 0.000      |         |
| 5    | 2  | 1.614    | 0.257    | 1.614     | 1.357        | 0.000      |         |
| 5    | 3  | 1.177    | 0.282    | 1.177     | 0.895        | 0.000      |         |
| 6    | 1  | 0.866    | 0.265    | 0.866     | 0.601        | 0.000      |         |
| 6    | 2  | 0.750    | 0.265    | 0.750     | 0.485        | 0.000      |         |
| 6    | 3  | 0.650    | 0.265    | 0.650     | 0.385        | 0.000      |         |
| 7    | 1  | 0.572    | 0.257    | 0.572     | 0.315        | 0.000      |         |
| 7    | 2  | 0.515    | 0.257    | 0.515     | 0.258        | 0.000      |         |
| 7    | 3  | 0.518    | 0.282    | 0.518     | 0.235        | 0.000      |         |
| 8    | 1  | 0.405    | 0.229    | 0.405     | 0.176        | 0.000      |         |
| 8    | 2  | 0.356    | 0.229    | 0.356     | 0.128        | 0.000      |         |
| 8    | 3  | 0.346    | 0.252    | 0.346     | 0.094        | 0.000      |         |
| 9    | 1  | 0.282    | 0.006    | 0.282     | 0.276        | 0.000      |         |
| 9    | 2  | 0.246    | 0.006    | 0.246     | 0.240        | 0.000      |         |
| 9    | 3  | 0.224    | 0.006    | 0.224     | 0.219        | 0.000      |         |
| 10   | 1  | 0.211    | 0.006    | 0.211     | 0.205        | 0.000      |         |
| 10   | 2  | 0.195    | 0.006    | 0.195     | 0.189        | 0.000      |         |
| 10   | 3  | 0.206    | 0.006    | 0.206     | 0.199        | 0.000      |         |
| 11   | 1  | 0.395    | 0.195    | 0.395     | 0.200        | 0.000      |         |
| 11   | 2  | 1.270    | 0.195    | 1.270     | 1.076        | 0.000      |         |
| 11   | 3  | 0.740    | 0.195    | 0.740     | 0.546        | 0.000      |         |
| 12   | 1  | 0.646    | 0.211    | 0.646     | 0.435        | 0.000      |         |
| 12   | 2  | 0.664    | 0.211    | 0.664     | 0.452        | 0.000      |         |
| 12   | 3  | 0.903    | 0.233    | 0.903     | 0.670        | 0.000      |         |
| Tot  | al | 29.026   | 7.132    | 29.026    | 21.894       | 0.000      |         |

| 1987 | U. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.973               | 0.315       | 0.973        | 0.658      | 0.000   |
| 1    | 2  | 1.150               | 0.315       | 1.150        | 0.835      | 0.000   |
| 1    | 3  | 1.431               | 0.347       | 1.431        | 1.084      | 0.000   |
| 2    | 1  | 0.720               | 0.348       | 0.720        | 0.372      | 0.000   |
| 2    | 2  | 0.837               | 0.348       | 0.837        | 0.489      | 0.000   |
| 2    | 3  | 0.602               | 0.278       | 0.602        | 0.324      | 0.000   |
| 3    | 1  | 1.173               | 0.315       | 1.173        | 0.858      | 0.000   |
| 3    | 2  | 3.496               | 0.315       | 3.496        | 3.181      | 0.000   |
| 3    | 3  | 1.638               | 0.347       | 1.638        | 1.291      | 0.000   |
| 4    | 1  | 1.537               | 0.393       | 1.537        | 1.144      | 0.000   |
| 4    | 2  | 1.514               | 0.393       | 1.514        | 1.122      | 0.000   |
| 4    | 3  | 2.030               | 0.393       | 2.030        | 1.638      | 0.000   |
| 5    | 1  | 2.171               | 0.380       | 2.171        | 1.791      | 0.000   |
| 5    | 2  | 1.597               | 0.380       | 1.597        | 1.217      | 0.000   |
| 5    | 3  | 1.125               | 0.418       | 1.125        | 0.706      | 0.000   |
| 6    | 1  | 0.877               | 0.393       | 0.877        | 0.484      | 0.000   |
| 6    | 2  | 0.744               | 0.393       | 0.744        | 0.352      | 0.000   |
| 6    | 3  | 0.633               | 0.393       | 0.633        | 0.240      | 0.000   |
| 7    | 1  | 0.560               | 0.380       | 0.560        | 0.180      | 0.000   |
| 7    | 2  | 0.527               | 0.380       | 0.527        | 0.146      | 0.000   |
| 7    | 3  | 0.543               | 0.418       | 0.543        | 0.125      | 0.000   |
| 8    | 1  | 0.400               | 0.157       | 0.400        | 0.242      | 0.000   |
| 8    | 2  | 0.358               | 0.157       | 0.358        | 0.201      | 0.000   |
| 8    | 3  | 0.347               | 0.173       | 0.347        | 0.174      | 0.000   |
| 9    | 1  | 0.300               | 0.008       | 0.300        | 0.291      | 0.000   |
| 9    | 2  | 0.245               | 0.008       | 0.245        | 0.236      | 0.000   |
| 9    | 3  | 0.241               | 0.008       | 0.241        | 0.233      | 0.000   |
| 10   | 1  | 0.242               | 0.008       | 0.242        | 0.234      | 0.000   |
| 10   | 2  | 0.222               | 0.008       | 0.222        | 0.214      | 0.000   |
| 10   | 3  | 0.230               | 0.009       | 0.230        | 0.221      | 0.000   |
| 11   | 1  | 0.652               | 0.135       | 0.652        | 0.517      | 0.000   |
| 11   | 2  | 1.486               | 0.135       | 1.486        | 1.350      | 0.000   |
| 11   | 3  | 0.651               | 0.135       | 0.651        | 0.516      | 0.000   |
| 12   | 1  | 0.759               | 0.315       | 0.759        | 0.444      | 0.000   |
| 12   | 2  | 0.873               | 0.315       | 0.873        | 0.558      | 0.000   |
| 12   | 3  | 1.164               | 0.347       | 1.164        | 0.817      | 0.000   |
| Tot  | al | 34.049              | 9.563       | 34.049       | 24.486     | 0.000   |

  

| 1987 | L. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.917               | 0.038       | 1.171        | 0.879      | 0.000   |
| 1    | 2  | 1.119               | 0.038       | 1.372        | 1.081      | 0.000   |
| 1    | 3  | 1.430               | 0.041       | 1.709        | 1.389      | 0.000   |
| 2    | 1  | 0.626               | 0.041       | 0.906        | 0.585      | 0.000   |
| 2    | 2  | 0.732               | 0.041       | 1.012        | 0.691      | 0.000   |
| 2    | 3  | 0.505               | 0.033       | 0.729        | 0.472      | 0.000   |
| 3    | 1  | 1.105               | 0.038       | 1.359        | 1.067      | 0.000   |
| 3    | 2  | 3.782               | 0.038       | 4.036        | 3.745      | 0.000   |
| 3    | 3  | 1.796               | 0.041       | 2.075        | 1.754      | 0.000   |
| 4    | 1  | 1.522               | 0.046       | 1.838        | 1.477      | 0.000   |
| 4    | 2  | 1.476               | 0.046       | 1.792        | 1.431      | 0.000   |
| 4    | 3  | 2.041               | 0.046       | 2.357        | 1.996      | 0.000   |
| 5    | 1  | 2.282               | 0.044       | 2.588        | 2.238      | 0.000   |
| 5    | 2  | 1.665               | 0.044       | 1.971        | 1.621      | 0.000   |
| 5    | 3  | 1.060               | 0.049       | 1.396        | 1.011      | 0.000   |
| 6    | 1  | 0.760               | 0.046       | 1.076        | 0.715      | 0.000   |
| 6    | 2  | 0.600               | 0.046       | 0.916        | 0.555      | 0.000   |
| 6    | 3  | 0.465               | 0.046       | 0.781        | 0.420      | 0.000   |
| 7    | 1  | 0.384               | 0.044       | 0.690        | 0.340      | 0.000   |
| 7    | 2  | 0.338               | 0.044       | 0.644        | 0.294      | 0.000   |
| 7    | 3  | 0.327               | 0.049       | 0.663        | 0.278      | 0.000   |
| 8    | 1  | 0.366               | 0.037       | 0.493        | 0.329      | 0.000   |
| 8    | 2  | 0.313               | 0.037       | 0.441        | 0.277      | 0.000   |
| 8    | 3  | 0.287               | 0.040       | 0.427        | 0.246      | 0.000   |
| 9    | 1  | 0.357               | 0.006       | 0.365        | 0.351      | 0.000   |
| 9    | 2  | 0.293               | 0.006       | 0.301        | 0.287      | 0.000   |
| 9    | 3  | 0.285               | 0.006       | 0.294        | 0.280      | 0.000   |
| 10   | 1  | 0.284               | 0.006       | 0.292        | 0.278      | 0.000   |
| 10   | 2  | 0.260               | 0.006       | 0.269        | 0.255      | 0.000   |
| 10   | 3  | 0.271               | 0.006       | 0.280        | 0.264      | 0.000   |
| 11   | 1  | 0.638               | 0.032       | 0.748        | 0.606      | 0.000   |
| 11   | 2  | 1.675               | 0.032       | 1.785        | 1.643      | 0.000   |
| 11   | 3  | 0.714               | 0.032       | 0.824        | 0.682      | 0.000   |
| 12   | 1  | 0.657               | 0.038       | 0.911        | 0.620      | 0.000   |
| 12   | 2  | 0.781               | 0.038       | 1.035        | 0.743      | 0.000   |
| 12   | 3  | 1.112               | 0.041       | 1.391        | 1.071      | 0.000   |
| Tot  | al | 33.225              | 1.256       | 40.936       | 31.969     | 0.000   |

| 1987 |    | M. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 8.050    | 0.072    | 9.948     | 7.978        | 0.000      |         |
| 1    | 2  | 7.862    | 0.072    | 9.583     | 7.790        | 0.000      |         |
| 1    | 3  | 8.955    | 0.079    | 10.877    | 8.875        | 0.000      |         |
| 2    | 1  | 4.465    | 0.079    | 6.221     | 4.385        | 0.000      |         |
| 2    | 2  | 7.064    | 0.079    | 8.978     | 6.985        | 0.000      |         |
| 2    | 3  | 4.236    | 0.063    | 5.681     | 4.173        | 0.000      |         |
| 3    | 1  | 10.260   | 0.072    | 12.159    | 10.188       | 0.000      |         |
| 3    | 2  | 13.494   | 0.072    | 15.392    | 13.422       | 0.000      |         |
| 3    | 3  | 10.836   | 0.079    | 12.729    | 10.757       | 0.000      |         |
| 4    | 1  | 7.761    | 0.089    | 9.782     | 7.672        | 0.000      |         |
| 4    | 2  | 11.188   | 0.089    | 13.384    | 11.099       | 0.000      |         |
| 4    | 3  | 11.938   | 0.089    | 14.133    | 11.848       | 0.000      |         |
| 5    | 1  | 14.547   | 0.086    | 16.696    | 14.461       | 0.000      |         |
| 5    | 2  | 10.026   | 0.086    | 12.017    | 9.940        | 0.000      |         |
| 5    | 3  | 5.658    | 0.095    | 7.619     | 5.563        | 0.000      |         |
| 6    | 1  | 5.236    | 0.089    | 7.187     | 5.147        | 0.000      |         |
| 6    | 2  | 3.959    | 0.089    | 5.793     | 3.870        | 0.000      |         |
| 6    | 3  | 3.969    | 0.089    | 5.825     | 3.880        | 0.000      |         |
| 7    | 1  | 2.808    | 0.086    | 4.527     | 2.722        | 0.000      |         |
| 7    | 2  | 2.506    | 0.086    | 4.225     | 2.420        | 0.000      |         |
| 7    | 3  | 2.623    | 0.095    | 4.528     | 2.528        | 0.000      |         |
| 8    | 1  | 2.106    | 0.070    | 3.389     | 2.036        | 0.000      |         |
| 8    | 2  | 1.846    | 0.070    | 3.123     | 1.776        | 0.000      |         |
| 8    | 3  | 1.786    | 0.077    | 3.179     | 1.709        | 0.000      |         |
| 9    | 1  | 2.411    | 0.004    | 2.646     | 2.407        | 0.000      |         |
| 9    | 2  | 2.345    | 0.004    | 2.585     | 2.341        | 0.000      |         |
| 9    | 3  | 2.261    | 0.004    | 2.505     | 2.257        | 0.000      |         |
| 10   | 1  | 2.227    | 0.004    | 2.462     | 2.223        | 0.000      |         |
| 10   | 2  | 2.214    | 0.004    | 2.459     | 2.210        | 0.000      |         |
| 10   | 3  | 2.406    | 0.005    | 2.681     | 2.401        | 0.000      |         |
| 11   | 1  | 4.562    | 0.060    | 6.083     | 4.502        | 0.000      |         |
| 11   | 2  | 6.370    | 0.060    | 7.589     | 6.309        | 0.000      |         |
| 11   | 3  | 3.858    | 0.060    | 5.033     | 3.797        | 0.000      |         |
| 12   | 1  | 6.983    | 0.072    | 8.727     | 6.911        | 0.000      |         |
| 12   | 2  | 7.693    | 0.072    | 9.592     | 7.621        | 0.000      |         |
| 12   | 3  | 4.702    | 0.079    | 6.358     | 4.623        | 0.000      |         |
| Tot  | al | 211.211  | 2.386    | 265.697   | 208.825      | 0.000      |         |
|      |    |          |          |           |              |            |         |
| 1987 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 0.076    | 0.242    | 0.076     | 0.076        | 0.242      |         |
| 1    | 2  | 0.206    | 0.242    | 0.206     | 0.081        | 0.118      |         |
| 1    | 3  | 1.157    | 0.267    | 1.157     | 0.890        | 0.000      |         |
| 2    | 1  | 1.447    | 0.268    | 1.447     | 1.180        | 0.000      |         |
| 2    | 2  | 6.531    | 0.268    | 6.531     | 6.263        | 0.000      |         |
| 2    | 3  | 2.978    | 0.214    | 2.978     | 2.764        | 0.000      |         |
| 3    | 1  | 10.725   | 0.242    | 10.725    | 10.483       | 0.000      |         |
| 3    | 2  | 4.498    | 0.242    | 4.498     | 4.256        | 0.000      |         |
| 3    | 3  | 6.434    | 0.267    | 6.434     | 6.167        | 0.000      |         |
| 4    | 1  | 7.162    | 0.302    | 7.162     | 6.860        | 0.000      |         |
| 4    | 2  | 5.221    | 0.302    | 5.221     | 4.919        | 0.000      |         |
| 4    | 3  | 4.914    | 0.302    | 4.914     | 4.611        | 0.000      |         |
| 5    | 1  | 4.624    | 0.293    | 4.624     | 4.331        | 0.000      |         |
| 5    | 2  | 3.191    | 0.293    | 3.191     | 2.898        | 0.000      |         |
| 5    | 3  | 2.899    | 0.322    | 2.899     | 2.577        | 0.000      |         |
| 6    | 1  | 2.318    | 0.302    | 2.318     | 2.015        | 0.000      |         |
| 6    | 2  | 2.054    | 0.302    | 2.054     | 1.751        | 0.000      |         |
| 6    | 3  | 1.876    | 0.302    | 1.876     | 1.573        | 0.000      |         |
| 7    | 1  | 1.690    | 0.293    | 1.690     | 1.397        | 0.000      |         |
| 7    | 2  | 1.520    | 0.293    | 1.520     | 1.227        | 0.000      |         |
| 7    | 3  | 1.576    | 0.322    | 1.576     | 1.254        | 0.000      |         |
| 8    | 1  | 1.237    | 0.236    | 1.237     | 1.002        | 0.000      |         |
| 8    | 2  | 1.094    | 0.236    | 1.094     | 0.858        | 0.000      |         |
| 8    | 3  | 1.058    | 0.259    | 1.058     | 0.799        | 0.000      |         |
| 9    | 1  | 0.853    | 0.005    | 0.853     | 0.848        | 0.000      |         |
| 9    | 2  | 0.775    | 0.005    | 0.775     | 0.771        | 0.000      |         |
| 9    | 3  | 0.866    | 0.005    | 0.866     | 0.862        | 0.000      |         |
| 10   | 1  | 1.259    | 0.005    | 1.259     | 1.254        | 0.000      |         |
| 10   | 2  | 1.680    | 0.005    | 1.680     | 1.676        | 0.000      |         |
| 10   | 3  | 3.039    | 0.005    | 3.039     | 3.034        | 0.000      |         |
| 11   | 1  | 1.874    | 0.201    | 1.874     | 1.673        | 0.000      |         |
| 11   | 2  | 2.057    | 0.201    | 2.057     | 1.856        | 0.000      |         |
| 11   | 3  | 1.830    | 0.201    | 1.830     | 1.629        | 0.000      |         |
| 12   | 1  | 1.170    | 0.242    | 1.170     | 0.928        | 0.000      |         |
| 12   | 2  | 1.020    | 0.242    | 1.020     | 0.778        | 0.000      |         |
| 12   | 3  | 0.986    | 0.267    | 0.986     | 0.720        | 0.000      |         |
| Tot  | al | 93.897   | 7.995    | 93.897    | 86.261       | 0.360      |         |

| 1987 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 1.071    | 0.174     | 1.071        | 0.897      | 0.000   |
| 1    | 2  |          | 1.911    | 0.174     | 2.011        | 1.737      | 0.000   |
| 1    | 3  |          | 3.671    | 0.191     | 3.885        | 3.479      | 0.000   |
| 2    | 1  |          | 3.877    | 0.192     | 4.092        | 3.685      | 0.000   |
| 2    | 2  |          | 9.738    | 0.192     | 9.953        | 9.546      | 0.000   |
| 2    | 3  |          | 4.968    | 0.154     | 5.140        | 4.815      | 0.000   |
| 3    | 1  |          | 12.859   | 0.174     | 13.053       | 12.684     | 0.000   |
| 3    | 2  |          | 5.989    | 0.174     | 6.184        | 5.815      | 0.000   |
| 3    | 3  |          | 7.671    | 0.191     | 7.885        | 7.479      | 0.000   |
| 4    | 1  |          | 8.073    | 0.219     | 8.315        | 7.853      | 0.000   |
| 4    | 2  |          | 5.948    | 0.219     | 6.191        | 5.729      | 0.000   |
| 4    | 3  |          | 5.515    | 0.219     | 5.757        | 5.295      | 0.000   |
| 5    | 1  |          | 5.145    | 0.212     | 5.381        | 4.933      | 0.000   |
| 5    | 2  |          | 3.618    | 0.212     | 3.854        | 3.406      | 0.000   |
| 5    | 3  |          | 3.277    | 0.234     | 3.536        | 3.044      | 0.000   |
| 6    | 1  |          | 2.599    | 0.219     | 2.842        | 2.379      | 0.000   |
| 6    | 2  |          | 2.279    | 0.219     | 2.522        | 2.060      | 0.000   |
| 6    | 3  |          | 2.065    | 0.219     | 2.308        | 1.846      | 0.000   |
| 7    | 1  |          | 1.831    | 0.212     | 2.066        | 1.619      | 0.000   |
| 7    | 2  |          | 1.620    | 0.212     | 1.855        | 1.408      | 0.000   |
| 7    | 3  |          | 1.642    | 0.234     | 1.900        | 1.408      | 0.000   |
| 8    | 1  |          | 1.326    | 0.174     | 1.516        | 1.152      | 0.000   |
| 8    | 2  |          | 1.153    | 0.174     | 1.342        | 0.979      | 0.000   |
| 8    | 3  |          | 1.148    | 0.192     | 1.356        | 0.956      | 0.000   |
| 9    | 1  |          | 1.191    | 0.005     | 1.196        | 1.186      | 0.000   |
| 9    | 2  |          | 1.104    | 0.005     | 1.108        | 1.099      | 0.000   |
| 9    | 3  |          | 1.305    | 0.005     | 1.310        | 1.300      | 0.000   |
| 10   | 1  |          | 1.612    | 0.005     | 1.616        | 1.607      | 0.000   |
| 10   | 2  |          | 2.038    | 0.005     | 2.042        | 2.033      | 0.000   |
| 10   | 3  |          | 3.395    | 0.006     | 3.400        | 3.389      | 0.000   |
| 11   | 1  |          | 2.002    | 0.147     | 2.164        | 1.855      | 0.000   |
| 11   | 2  |          | 2.260    | 0.147     | 2.422        | 2.112      | 0.000   |
| 11   | 3  |          | 2.057    | 0.147     | 2.219        | 1.910      | 0.000   |
| 12   | 1  |          | 1.385    | 0.174     | 1.580        | 1.211      | 0.000   |
| 12   | 2  |          | 1.227    | 0.174     | 1.422        | 1.053      | 0.000   |
| 12   | 3  |          | 1.107    | 0.191     | 1.321        | 0.915      | 0.000   |
| Tot  | al |          | 119.675  | 5.803     | 125.816      | 113.872    | 0.000   |

  

| 1987 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.097    | 0.328     | 0.097        | 0.054      | 0.285   |
| 1    | 2  |          | 0.216    | 0.328     | 0.216        | 0.054      | 0.166   |
| 1    | 3  |          | 1.220    | 0.361     | 1.220        | 0.859      | 0.000   |
| 2    | 1  |          | 1.398    | 0.363     | 1.398        | 1.036      | 0.000   |
| 2    | 2  |          | 5.715    | 0.363     | 5.715        | 5.352      | 0.000   |
| 2    | 3  |          | 3.421    | 0.290     | 3.421        | 3.130      | 0.000   |
| 3    | 1  |          | 9.252    | 0.328     | 9.252        | 8.924      | 0.000   |
| 3    | 2  |          | 6.704    | 0.328     | 6.704        | 6.376      | 0.000   |
| 3    | 3  |          | 6.753    | 0.361     | 6.753        | 6.392      | 0.000   |
| 4    | 1  |          | 6.814    | 0.470     | 6.814        | 6.344      | 0.000   |
| 4    | 2  |          | 6.063    | 0.470     | 6.063        | 5.593      | 0.000   |
| 4    | 3  |          | 5.241    | 0.470     | 5.241        | 4.771      | 0.000   |
| 5    | 1  |          | 4.830    | 0.455     | 4.830        | 4.375      | 0.000   |
| 5    | 2  |          | 3.870    | 0.455     | 3.870        | 3.415      | 0.000   |
| 5    | 3  |          | 3.392    | 0.501     | 3.392        | 2.892      | 0.000   |
| 6    | 1  |          | 2.658    | 0.470     | 2.658        | 2.187      | 0.000   |
| 6    | 2  |          | 2.348    | 0.470     | 2.348        | 1.878      | 0.000   |
| 6    | 3  |          | 2.113    | 0.470     | 2.113        | 1.643      | 0.000   |
| 7    | 1  |          | 1.915    | 0.455     | 1.915        | 1.459      | 0.000   |
| 7    | 2  |          | 1.725    | 0.455     | 1.725        | 1.270      | 0.000   |
| 7    | 3  |          | 1.783    | 0.501     | 1.783        | 1.283      | 0.000   |
| 8    | 1  |          | 1.436    | 0.451     | 1.436        | 0.985      | 0.000   |
| 8    | 2  |          | 1.266    | 0.451     | 1.266        | 0.815      | 0.000   |
| 8    | 3  |          | 1.225    | 0.496     | 1.225        | 0.729      | 0.000   |
| 9    | 1  |          | 0.984    | 0.002     | 0.984        | 0.982      | 0.000   |
| 9    | 2  |          | 0.883    | 0.002     | 0.883        | 0.881      | 0.000   |
| 9    | 3  |          | 0.952    | 0.002     | 0.952        | 0.950      | 0.000   |
| 10   | 1  |          | 1.327    | 0.002     | 1.327        | 1.325      | 0.000   |
| 10   | 2  |          | 1.629    | 0.002     | 1.629        | 1.628      | 0.000   |
| 10   | 3  |          | 2.732    | 0.002     | 2.732        | 2.730      | 0.000   |
| 11   | 1  |          | 2.042    | 0.335     | 2.042        | 1.707      | 0.000   |
| 11   | 2  |          | 2.000    | 0.335     | 2.000        | 1.664      | 0.000   |
| 11   | 3  |          | 2.059    | 0.335     | 2.059        | 1.724      | 0.000   |
| 12   | 1  |          | 1.525    | 0.328     | 1.525        | 1.197      | 0.000   |
| 12   | 2  |          | 1.267    | 0.328     | 1.267        | 0.939      | 0.000   |
| 12   | 3  |          | 1.211    | 0.361     | 1.211        | 0.851      | 0.000   |
| Tot  | al |          | 100.066  | 12.125    | 100.066      | 88.392     | 0.451   |



| 1987 | U. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 2.334                | 0.475       | 2.334        | 1.859      | 0.000   |
| 1    | 2  | 4.289                | 0.475       | 4.289        | 3.814      | 0.000   |
| 1    | 3  | 2.105                | 0.522       | 2.105        | 1.582      | 0.000   |
| 2    | 1  | 2.628                | 0.523       | 2.628        | 2.106      | 0.000   |
| 2    | 2  | 2.259                | 0.523       | 2.259        | 1.736      | 0.000   |
| 2    | 3  | 1.587                | 0.418       | 1.587        | 1.169      | 0.000   |
| 3    | 1  | 3.985                | 0.475       | 3.985        | 3.510      | 0.000   |
| 3    | 2  | 2.947                | 0.475       | 2.947        | 2.472      | 0.000   |
| 3    | 3  | 5.065                | 0.522       | 5.065        | 4.542      | 0.000   |
| 4    | 1  | 2.972                | 0.521       | 2.972        | 2.451      | 0.000   |
| 4    | 2  | 3.517                | 0.521       | 3.517        | 2.996      | 0.000   |
| 4    | 3  | 3.092                | 0.521       | 3.092        | 2.571      | 0.000   |
| 5    | 1  | 4.761                | 0.505       | 4.761        | 4.256      | 0.000   |
| 5    | 2  | 3.763                | 0.505       | 3.763        | 3.258      | 0.000   |
| 5    | 3  | 1.948                | 0.555       | 1.948        | 1.392      | 0.000   |
| 6    | 1  | 2.174                | 0.521       | 2.174        | 1.654      | 0.000   |
| 6    | 2  | 1.515                | 0.521       | 1.515        | 0.994      | 0.000   |
| 6    | 3  | 1.953                | 0.521       | 1.953        | 1.432      | 0.000   |
| 7    | 1  | 1.038                | 0.505       | 1.038        | 0.533      | 0.000   |
| 7    | 2  | 0.979                | 0.505       | 0.979        | 0.474      | 0.000   |
| 7    | 3  | 1.008                | 0.555       | 1.008        | 0.453      | 0.000   |
| 8    | 1  | 0.852                | 0.505       | 0.852        | 0.347      | 0.000   |
| 8    | 2  | 0.810                | 0.505       | 0.810        | 0.305      | 0.000   |
| 8    | 3  | 0.900                | 0.555       | 0.900        | 0.345      | 0.000   |
| 9    | 1  | 0.773                | 0.028       | 0.773        | 0.745      | 0.000   |
| 9    | 2  | 0.827                | 0.028       | 0.827        | 0.799      | 0.000   |
| 9    | 3  | 0.841                | 0.028       | 0.841        | 0.813      | 0.000   |
| 10   | 1  | 0.864                | 0.028       | 0.864        | 0.836      | 0.000   |
| 10   | 2  | 0.935                | 0.028       | 0.935        | 0.907      | 0.000   |
| 10   | 3  | 0.900                | 0.031       | 0.900        | 0.869      | 0.000   |
| 11   | 1  | 1.230                | 0.490       | 1.230        | 0.741      | 0.000   |
| 11   | 2  | 1.910                | 0.490       | 1.910        | 1.421      | 0.000   |
| 11   | 3  | 1.219                | 0.490       | 1.219        | 0.729      | 0.000   |
| 12   | 1  | 1.967                | 0.475       | 1.967        | 1.492      | 0.000   |
| 12   | 2  | 1.905                | 0.475       | 1.905        | 1.430      | 0.000   |
| 12   | 3  | 0.996                | 0.522       | 0.996        | 0.473      | 0.000   |
| Tot  | al | 72.849               | 15.340      | 72.849       | 57.509     | 0.000   |
| 1987 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 4.689                | 0.420       | 5.075        | 4.269      | 0.000   |
| 1    | 2  | 6.036                | 0.420       | 6.422        | 5.617      | 0.000   |
| 1    | 3  | 3.363                | 0.462       | 3.787        | 2.901      | 0.000   |
| 2    | 1  | 3.458                | 0.464       | 3.882        | 2.994      | 0.000   |
| 2    | 2  | 2.960                | 0.464       | 3.383        | 2.496      | 0.000   |
| 2    | 3  | 2.177                | 0.371       | 2.516        | 1.806      | 0.000   |
| 3    | 1  | 4.671                | 0.420       | 5.056        | 4.251      | 0.000   |
| 3    | 2  | 3.608                | 0.420       | 3.993        | 3.188      | 0.000   |
| 3    | 3  | 5.926                | 0.462       | 6.350        | 5.464      | 0.000   |
| 4    | 1  | 4.350                | 0.566       | 4.773        | 3.785      | 0.000   |
| 4    | 2  | 5.261                | 0.566       | 5.683        | 4.696      | 0.000   |
| 4    | 3  | 5.015                | 0.566       | 5.437        | 4.449      | 0.000   |
| 5    | 1  | 7.389                | 0.548       | 7.799        | 6.842      | 0.000   |
| 5    | 2  | 5.647                | 0.548       | 6.056        | 5.099      | 0.000   |
| 5    | 3  | 3.239                | 0.602       | 3.689        | 2.636      | 0.000   |
| 6    | 1  | 3.137                | 0.566       | 3.559        | 2.572      | 0.000   |
| 6    | 2  | 2.528                | 0.566       | 2.950        | 1.962      | 0.000   |
| 6    | 3  | 2.872                | 0.566       | 3.295        | 2.307      | 0.000   |
| 7    | 1  | 1.797                | 0.548       | 2.206        | 1.249      | 0.000   |
| 7    | 2  | 1.579                | 0.548       | 1.989        | 1.031      | 0.000   |
| 7    | 3  | 1.531                | 0.602       | 1.981        | 0.928      | 0.000   |
| 8    | 1  | 1.220                | 0.548       | 1.630        | 0.673      | 0.000   |
| 8    | 2  | 1.090                | 0.548       | 1.500        | 0.543      | 0.000   |
| 8    | 3  | 1.117                | 0.602       | 1.568        | 0.515      | 0.000   |
| 9    | 1  | 1.279                | 0.009       | 1.307        | 1.270      | 0.000   |
| 9    | 2  | 1.273                | 0.009       | 1.301        | 1.264      | 0.000   |
| 9    | 3  | 1.234                | 0.009       | 1.262        | 1.224      | 0.000   |
| 10   | 1  | 1.211                | 0.009       | 1.239        | 1.202      | 0.000   |
| 10   | 2  | 1.238                | 0.009       | 1.266        | 1.229      | 0.000   |
| 10   | 3  | 1.194                | 0.010       | 1.225        | 1.183      | 0.000   |
| 11   | 1  | 1.090                | 0.433       | 1.488        | 0.657      | 0.000   |
| 11   | 2  | 1.743                | 0.433       | 2.141        | 1.310      | 0.000   |
| 11   | 3  | 1.035                | 0.433       | 1.433        | 0.602      | 0.000   |
| 12   | 1  | 1.769                | 0.420       | 2.155        | 1.349      | 0.000   |
| 12   | 2  | 1.708                | 0.420       | 2.093        | 1.288      | 0.000   |
| 12   | 3  | 0.760                | 0.462       | 1.184        | 0.403      | 0.104   |
| Tot  | al | 100.195              | 15.047      | 112.672      | 85.252     | 0.104   |

| 1987 |    | U. Ogan |       | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|-------|----------|-------------|--------------|------------|---------|
|      |    |         |       |          |             |              |            |         |
| 1    | 1  | 2.126   | 0.354 | 2.126    | 1.771       | 0.000        |            |         |
| 1    | 2  | 2.042   | 0.354 | 2.042    | 1.688       | 0.000        |            |         |
| 1    | 3  | 1.615   | 0.390 | 1.615    | 1.225       | 0.000        |            |         |
| 2    | 1  | 1.071   | 0.388 | 1.071    | 0.682       | 0.000        |            |         |
| 2    | 2  | 1.189   | 0.388 | 1.189    | 0.801       | 0.000        |            |         |
| 2    | 3  | 1.345   | 0.311 | 1.345    | 1.034       | 0.000        |            |         |
| 3    | 1  | 1.412   | 0.354 | 1.412    | 1.058       | 0.000        |            |         |
| 3    | 2  | 1.448   | 0.354 | 1.448    | 1.093       | 0.000        |            |         |
| 3    | 3  | 2.449   | 0.390 | 2.449    | 2.059       | 0.000        |            |         |
| 4    | 1  | 1.660   | 0.379 | 1.660    | 1.281       | 0.000        |            |         |
| 4    | 2  | 1.728   | 0.379 | 1.728    | 1.349       | 0.000        |            |         |
| 4    | 3  | 1.660   | 0.379 | 1.660    | 1.280       | 0.000        |            |         |
| 5    | 1  | 2.532   | 0.368 | 2.532    | 2.163       | 0.000        |            |         |
| 5    | 2  | 2.046   | 0.368 | 2.046    | 1.678       | 0.000        |            |         |
| 5    | 3  | 1.794   | 0.405 | 1.794    | 1.389       | 0.000        |            |         |
| 6    | 1  | 1.156   | 0.379 | 1.156    | 0.777       | 0.000        |            |         |
| 6    | 2  | 1.003   | 0.379 | 1.003    | 0.624       | 0.000        |            |         |
| 6    | 3  | 0.763   | 0.379 | 0.763    | 0.383       | 0.000        |            |         |
| 7    | 1  | 0.635   | 0.368 | 0.635    | 0.267       | 0.000        |            |         |
| 7    | 2  | 0.553   | 0.368 | 0.553    | 0.184       | 0.000        |            |         |
| 7    | 3  | 0.541   | 0.405 | 0.541    | 0.136       | 0.000        |            |         |
| 8    | 1  | 0.429   | 0.105 | 0.429    | 0.324       | 0.000        |            |         |
| 8    | 2  | 0.380   | 0.105 | 0.380    | 0.275       | 0.000        |            |         |
| 8    | 3  | 0.369   | 0.116 | 0.369    | 0.253       | 0.000        |            |         |
| 9    | 1  | 0.296   | 0.037 | 0.296    | 0.258       | 0.000        |            |         |
| 9    | 2  | 0.265   | 0.037 | 0.265    | 0.228       | 0.000        |            |         |
| 9    | 3  | 0.242   | 0.037 | 0.242    | 0.205       | 0.000        |            |         |
| 10   | 1  | 0.209   | 0.037 | 0.209    | 0.172       | 0.000        |            |         |
| 10   | 2  | 0.190   | 0.037 | 0.190    | 0.153       | 0.000        |            |         |
| 10   | 3  | 0.195   | 0.041 | 0.195    | 0.154       | 0.000        |            |         |
| 11   | 1  | 0.149   | 0.141 | 0.149    | 0.116       | 0.108        |            |         |
| 11   | 2  | 0.188   | 0.141 | 0.188    | 0.116       | 0.069        |            |         |
| 11   | 3  | 0.248   | 0.141 | 0.248    | 0.116       | 0.008        |            |         |
| 12   | 1  | 0.142   | 0.354 | 0.142    | 0.116       | 0.328        |            |         |
| 12   | 2  | 0.238   | 0.354 | 0.238    | 0.116       | 0.232        |            |         |
| 12   | 3  | 0.184   | 0.390 | 0.184    | 0.128       | 0.334        |            |         |
| Tot  | al | 34.491  | 9.918 | 34.491   | 25.652      | 1.079        |            |         |

| 1987 |    | L. Ogan |        | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|--------|----------|-------------|--------------|------------|---------|
|      |    |         |        |          |             |              |            |         |
| 1    | 1  | 3.964   | 0.586  | 4.255    | 3.379       | 0.000        |            |         |
| 1    | 2  | 3.955   | 0.586  | 4.246    | 3.369       | 0.000        |            |         |
| 1    | 3  | 2.931   | 0.644  | 3.251    | 2.286       | 0.000        |            |         |
| 2    | 1  | 1.886   | 0.647  | 2.204    | 1.239       | 0.000        |            |         |
| 2    | 2  | 1.941   | 0.647  | 2.259    | 1.294       | 0.000        |            |         |
| 2    | 3  | 2.093   | 0.518  | 2.348    | 1.575       | 0.000        |            |         |
| 3    | 1  | 2.425   | 0.586  | 2.715    | 1.839       | 0.000        |            |         |
| 3    | 2  | 2.812   | 0.586  | 3.103    | 2.226       | 0.000        |            |         |
| 3    | 3  | 5.027   | 0.644  | 5.347    | 4.382       | 0.000        |            |         |
| 4    | 1  | 4.181   | 0.163  | 4.492    | 4.018       | 0.000        |            |         |
| 4    | 2  | 4.134   | 0.163  | 4.444    | 3.971       | 0.000        |            |         |
| 4    | 3  | 4.328   | 0.163  | 4.639    | 4.166       | 0.000        |            |         |
| 5    | 1  | 4.886   | 0.158  | 5.188    | 4.728       | 0.000        |            |         |
| 5    | 2  | 3.848   | 0.158  | 4.151    | 3.691       | 0.000        |            |         |
| 5    | 3  | 3.892   | 0.174  | 4.224    | 3.718       | 0.000        |            |         |
| 6    | 1  | 2.707   | 0.163  | 3.018    | 2.544       | 0.000        |            |         |
| 6    | 2  | 2.433   | 0.163  | 2.744    | 2.270       | 0.000        |            |         |
| 6    | 3  | 1.729   | 0.163  | 2.040    | 1.567       | 0.000        |            |         |
| 7    | 1  | 1.393   | 0.158  | 1.696    | 1.236       | 0.000        |            |         |
| 7    | 2  | 1.181   | 0.158  | 1.483    | 1.023       | 0.000        |            |         |
| 7    | 3  | 1.109   | 0.174  | 1.441    | 0.935       | 0.000        |            |         |
| 8    | 1  | 1.059   | 0.122  | 1.151    | 0.938       | 0.000        |            |         |
| 8    | 2  | 0.931   | 0.122  | 1.023    | 0.809       | 0.000        |            |         |
| 8    | 3  | 0.890   | 0.134  | 0.991    | 0.757       | 0.000        |            |         |
| 9    | 1  | 0.753   | 0.009  | 0.790    | 0.743       | 0.000        |            |         |
| 9    | 2  | 0.666   | 0.009  | 0.703    | 0.657       | 0.000        |            |         |
| 9    | 3  | 0.598   | 0.009  | 0.636    | 0.589       | 0.000        |            |         |
| 10   | 1  | 0.602   | 0.009  | 0.639    | 0.593       | 0.000        |            |         |
| 10   | 2  | 0.511   | 0.009  | 0.549    | 0.502       | 0.000        |            |         |
| 10   | 3  | 0.594   | 0.010  | 0.635    | 0.584       | 0.000        |            |         |
| 11   | 1  | 0.437   | 0.574  | 0.470    | 0.257       | 0.394        |            |         |
| 11   | 2  | 0.483   | 0.574  | 0.548    | 0.257       | 0.348        |            |         |
| 11   | 3  | 0.538   | 0.574  | 0.651    | 0.257       | 0.293        |            |         |
| 12   | 1  | 0.531   | 0.586  | 0.557    | 0.257       | 0.312        |            |         |
| 12   | 2  | 0.720   | 0.586  | 0.825    | 0.257       | 0.123        |            |         |
| 12   | 3  | 0.829   | 0.644  | 0.882    | 0.283       | 0.098        |            |         |
| Tot  | al | 72.998  | 11.371 | 80.337   | 63.195      | 1.568        |            |         |

| 1987 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 4.151                | 0.884       | 4.151        | 3.267      | 0.000   |
| 1    | 2  | 4.261                | 0.884       | 4.261        | 3.377      | 0.000   |
| 1    | 3  | 3.986                | 0.972       | 3.986        | 3.014      | 0.000   |
| 2    | 1  | 2.523                | 0.973       | 2.523        | 1.550      | 0.000   |
| 2    | 2  | 3.411                | 0.973       | 3.411        | 2.438      | 0.000   |
| 2    | 3  | 3.018                | 0.778       | 3.018        | 2.240      | 0.000   |
| 3    | 1  | 3.821                | 0.884       | 3.821        | 2.938      | 0.000   |
| 3    | 2  | 3.244                | 0.884       | 3.244        | 2.360      | 0.000   |
| 3    | 3  | 2.269                | 0.972       | 2.269        | 1.297      | 0.000   |
| 4    | 1  | 2.017                | 1.094       | 2.017        | 0.923      | 0.000   |
| 4    | 2  | 2.521                | 1.094       | 2.521        | 1.427      | 0.000   |
| 4    | 3  | 3.108                | 1.094       | 3.108        | 2.014      | 0.000   |
| 5    | 1  | 4.475                | 1.060       | 4.475        | 3.415      | 0.000   |
| 5    | 2  | 4.832                | 1.060       | 4.832        | 3.772      | 0.000   |
| 5    | 3  | 2.705                | 1.166       | 2.705        | 1.538      | 0.000   |
| 6    | 1  | 2.100                | 1.094       | 2.100        | 1.006      | 0.000   |
| 6    | 2  | 2.067                | 1.094       | 2.067        | 0.973      | 0.000   |
| 6    | 3  | 1.982                | 1.094       | 1.982        | 0.888      | 0.000   |
| 7    | 1  | 1.809                | 1.060       | 1.809        | 0.748      | 0.000   |
| 7    | 2  | 1.559                | 1.060       | 1.559        | 0.499      | 0.000   |
| 7    | 3  | 1.766                | 1.166       | 1.766        | 0.600      | 0.000   |
| 8    | 1  | 1.335                | 0.053       | 1.335        | 1.282      | 0.000   |
| 8    | 2  | 1.166                | 0.053       | 1.166        | 1.114      | 0.000   |
| 8    | 3  | 1.119                | 0.058       | 1.119        | 1.062      | 0.000   |
| 9    | 1  | 0.895                | 0.053       | 0.895        | 0.842      | 0.000   |
| 9    | 2  | 0.851                | 0.053       | 0.851        | 0.799      | 0.000   |
| 9    | 3  | 0.775                | 0.053       | 0.775        | 0.722      | 0.000   |
| 10   | 1  | 0.729                | 0.053       | 0.729        | 0.676      | 0.000   |
| 10   | 2  | 0.712                | 0.053       | 0.712        | 0.660      | 0.000   |
| 10   | 3  | 0.961                | 0.058       | 0.961        | 0.903      | 0.000   |
| 11   | 1  | 0.816                | 0.053       | 0.816        | 0.763      | 0.000   |
| 11   | 2  | 0.889                | 0.053       | 0.889        | 0.837      | 0.000   |
| 11   | 3  | 0.730                | 0.053       | 0.730        | 0.677      | 0.000   |
| 12   | 1  | 0.897                | 0.884       | 0.897        | 0.350      | 0.336   |
| 12   | 2  | 1.062                | 0.884       | 1.062        | 0.350      | 0.172   |
| 12   | 3  | 1.090                | 0.972       | 1.090        | 0.385      | 0.267   |
| Tot  | al | 75.651               | 24.720      | 75.651       | 51.706     | 0.776   |
|      |    |                      |             |              |            |         |
| 1987 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 5.290                | 0.964       | 6.074        | 4.325      | 0.000   |
| 1    | 2  | 5.251                | 0.964       | 6.035        | 4.287      | 0.000   |
| 1    | 3  | 4.734                | 1.061       | 5.596        | 3.673      | 0.000   |
| 2    | 1  | 3.033                | 1.063       | 3.895        | 1.970      | 0.000   |
| 2    | 2  | 3.939                | 1.063       | 4.802        | 2.876      | 0.000   |
| 2    | 3  | 3.551                | 0.851       | 4.240        | 2.700      | 0.000   |
| 3    | 1  | 4.551                | 0.964       | 5.335        | 3.587      | 0.000   |
| 3    | 2  | 3.732                | 0.964       | 4.516        | 2.767      | 0.000   |
| 3    | 3  | 3.273                | 1.061       | 4.135        | 2.212      | 0.000   |
| 4    | 1  | 2.587                | 1.295       | 3.556        | 1.292      | 0.000   |
| 4    | 2  | 2.846                | 1.295       | 3.815        | 1.550      | 0.000   |
| 4    | 3  | 3.184                | 1.295       | 4.153        | 1.889      | 0.000   |
| 5    | 1  | 4.929                | 1.255       | 5.868        | 3.674      | 0.000   |
| 5    | 2  | 5.677                | 1.255       | 6.616        | 4.422      | 0.000   |
| 5    | 3  | 3.483                | 1.380       | 4.516        | 2.102      | 0.000   |
| 6    | 1  | 2.276                | 1.295       | 3.245        | 0.981      | 0.000   |
| 6    | 2  | 1.951                | 1.295       | 2.920        | 0.656      | 0.000   |
| 6    | 3  | 1.728                | 1.295       | 2.697        | 0.546      | 0.114   |
| 7    | 1  | 1.496                | 1.255       | 2.435        | 0.546      | 0.305   |
| 7    | 2  | 1.174                | 1.255       | 2.114        | 0.546      | 0.626   |
| 7    | 3  | 1.270                | 1.380       | 2.304        | 0.601      | 0.711   |
| 8    | 1  | 1.713                | 1.003       | 1.765        | 0.709      | 0.000   |
| 8    | 2  | 1.500                | 1.003       | 1.552        | 0.546      | 0.050   |
| 8    | 3  | 1.438                | 1.104       | 1.496        | 0.601      | 0.267   |
| 9    | 1  | 1.140                | 0.041       | 1.193        | 1.099      | 0.000   |
| 9    | 2  | 1.064                | 0.041       | 1.116        | 1.023      | 0.000   |
| 9    | 3  | 0.963                | 0.041       | 1.016        | 0.922      | 0.000   |
| 10   | 1  | 0.896                | 0.041       | 0.949        | 0.855      | 0.000   |
| 10   | 2  | 0.847                | 0.041       | 0.899        | 0.806      | 0.000   |
| 10   | 3  | 1.088                | 0.045       | 1.146        | 1.043      | 0.000   |
| 11   | 1  | 0.908                | 0.781       | 0.960        | 0.546      | 0.419   |
| 11   | 2  | 1.142                | 0.781       | 1.195        | 0.546      | 0.185   |
| 11   | 3  | 1.140                | 0.781       | 1.192        | 0.546      | 0.187   |
| 12   | 1  | 0.824                | 0.964       | 1.311        | 0.546      | 0.687   |
| 12   | 2  | 1.100                | 0.964       | 1.733        | 0.546      | 0.410   |
| 12   | 3  | 1.250                | 1.061       | 1.877        | 0.601      | 0.412   |
| Tot  | al | 86.967               | 33.201      | 108.268      | 58.137     | 4.371   |

| 1987 |    | L. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|---------|----------|-------------|--------------|--------------|------------|---------|
| 1    | 1  | 23.866  |          | 0.914       | 28.937       | 22.953       | 0.000      |         |
| 1    | 2  | 27.118  |          | 0.914       | 32.208       | 26.205       | 0.000      |         |
| 1    | 3  | 27.664  |          | 1.005       | 33.541       | 26.659       | 0.000      |         |
| 2    | 1  | 20.002  |          | 0.980       | 25.718       | 19.022       | 0.000      |         |
| 2    | 2  | 33.193  |          | 0.980       | 39.066       | 32.213       | 0.000      |         |
| 2    | 3  | 21.212  |          | 0.784       | 25.825       | 20.429       | 0.000      |         |
| 3    | 1  | 44.872  |          | 0.914       | 50.365       | 43.958       | 0.000      |         |
| 3    | 2  | 37.489  |          | 0.914       | 42.983       | 36.576       | 0.000      |         |
| 3    | 3  | 41.114  |          | 1.005       | 46.961       | 40.109       | 0.000      |         |
| 4    | 1  | 34.912  |          | 1.168       | 40.977       | 33.745       | 0.000      |         |
| 4    | 2  | 36.323  |          | 1.168       | 42.563       | 35.155       | 0.000      |         |
| 4    | 3  | 35.821  |          | 1.168       | 42.060       | 34.653       | 0.000      |         |
| 5    | 1  | 42.392  |          | 1.139       | 48.460       | 41.252       | 0.000      |         |
| 5    | 2  | 33.194  |          | 1.139       | 39.105       | 32.055       | 0.000      |         |
| 5    | 3  | 23.207  |          | 1.253       | 29.480       | 21.954       | 0.000      |         |
| 6    | 1  | 18.414  |          | 1.168       | 24.409       | 17.247       | 0.000      |         |
| 6    | 2  | 14.956  |          | 1.168       | 20.833       | 13.788       | 0.000      |         |
| 6    | 3  | 13.809  |          | 1.168       | 19.619       | 12.642       | 0.000      |         |
| 7    | 1  | 10.609  |          | 1.139       | 16.004       | 9.469        | 0.000      |         |
| 7    | 2  | 9.281   |          | 1.139       | 14.418       | 8.141        | 0.000      |         |
| 7    | 3  | 9.290   |          | 1.253       | 14.938       | 8.037        | 0.000      |         |
| 8    | 1  | 7.931   |          | 1.128       | 11.713       | 6.803        | 0.000      |         |
| 8    | 2  | 6.806   |          | 1.128       | 10.543       | 5.678        | 0.000      |         |
| 8    | 3  | 6.691   |          | 1.241       | 10.620       | 5.450        | 0.000      |         |
| 9    | 1  | 8.495   |          | 0.298       | 8.923        | 8.196        | 0.000      |         |
| 9    | 2  | 8.031   |          | 0.298       | 8.465        | 7.733        | 0.000      |         |
| 9    | 3  | 8.175   |          | 0.298       | 8.613        | 7.877        | 0.000      |         |
| 10   | 1  | 8.604   |          | 0.298       | 9.032        | 8.305        | 0.000      |         |
| 10   | 2  | 9.191   |          | 0.298       | 9.630        | 8.893        | 0.000      |         |
| 10   | 3  | 12.107  |          | 0.328       | 12.596       | 11.779       | 0.000      |         |
| 11   | 1  | 10.645  |          | 0.925       | 13.926       | 9.721        | 0.000      |         |
| 11   | 2  | 13.709  |          | 0.925       | 16.944       | 12.784       | 0.000      |         |
| 11   | 3  | 10.306  |          | 0.925       | 13.588       | 9.382        | 0.000      |         |
| 12   | 1  | 12.761  |          | 0.914       | 16.740       | 11.847       | 0.000      |         |
| 12   | 2  | 13.067  |          | 0.914       | 17.797       | 12.154       | 0.000      |         |
| 12   | 3  | 9.205   |          | 1.005       | 13.821       | 8.200        | 0.000      |         |
| Tot  | al | 704.463 |          | 33.401      | 861.421      | 671.062      | 0.000      |         |
|      |    |         |          |             |              |              |            |         |
| 1987 |    | Mu      | si Mouth | Water R.    | • Water Use  | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 24.573  |          | 0.491       | 30.558       | 24.179       | 0.000      |         |
| 1    | 2  | 27.567  |          | 0.491       | 33.570       | 27.173       | 0.000      |         |
| 1    | 3  | 27.974  |          | 0.540       | 34.856       | 27.541       | 0.000      |         |
| 2    | 1  | 20.434  |          | 0.543       | 27.130       | 19.999       | 0.000      |         |
| 2    | 2  | 34.171  |          | 0.543       | 41.024       | 33.736       | 0.000      |         |
| 2    | 3  | 21.953  |          | 0.434       | 27.349       | 21.605       | 0.000      |         |
| 3    | 1  | 45.846  |          | 0.491       | 52.253       | 45.452       | 0.000      |         |
| 3    | 2  | 38.537  |          | 0.491       | 44.944       | 38.143       | 0.000      |         |
| 3    | 3  | 42.709  |          | 0.540       | 49.562       | 42.276       | 0.000      |         |
| 4    | 1  | 37.165  |          | 0.705       | 44.397       | 36.599       | 0.000      |         |
| 4    | 2  | 38.245  |          | 0.705       | 45.652       | 37.679       | 0.000      |         |
| 4    | 3  | 37.141  |          | 0.705       | 44.548       | 36.576       | 0.000      |         |
| 5    | 1  | 43.573  |          | 0.683       | 50.781       | 43.026       | 0.000      |         |
| 5    | 2  | 34.270  |          | 0.683       | 41.320       | 33.723       | 0.000      |         |
| 5    | 3  | 25.124  |          | 0.751       | 32.651       | 24.522       | 0.000      |         |
| 6    | 1  | 19.643  |          | 0.705       | 26.805       | 19.077       | 0.000      |         |
| 6    | 2  | 15.466  |          | 0.705       | 22.511       | 14.900       | 0.000      |         |
| 6    | 3  | 13.994  |          | 0.705       | 20.971       | 13.429       | 0.000      |         |
| 7    | 1  | 10.653  |          | 0.683       | 17.188       | 10.106       | 0.000      |         |
| 7    | 2  | 9.200   |          | 0.683       | 15.477       | 8.653        | 0.000      |         |
| 7    | 3  | 9.049   |          | 0.751       | 15.951       | 8.447        | 0.000      |         |
| 8    | 1  | 7.610   |          | 0.671       | 12.520       | 7.072        | 0.000      |         |
| 8    | 2  | 6.400   |          | 0.671       | 11.265       | 5.861        | 0.000      |         |
| 8    | 3  | 6.152   |          | 0.738       | 11.322       | 5.559        | 0.000      |         |
| 9    | 1  | 8.756   |          | 0.007       | 9.483        | 8.749        | 0.000      |         |
| 9    | 2  | 8.226   |          | 0.007       | 8.958        | 8.219        | 0.000      |         |
| 9    | 3  | 8.313   |          | 0.007       | 9.049        | 8.306        | 0.000      |         |
| 10   | 1  | 8.693   |          | 0.007       | 9.420        | 8.687        | 0.000      |         |
| 10   | 2  | 9.289   |          | 0.007       | 10.025       | 9.282        | 0.000      |         |
| 10   | 3  | 12.223  |          | 0.007       | 13.039       | 12.216       | 0.000      |         |
| 11   | 1  | 10.212  |          | 0.497       | 14.418       | 9.813        | 0.000      |         |
| 11   | 2  | 13.975  |          | 0.497       | 18.135       | 13.576       | 0.000      |         |
| 11   | 3  | 11.848  |          | 0.497       | 16.055       | 11.449       | 0.000      |         |
| 12   | 1  | 13.970  |          | 0.491       | 18.863       | 13.576       | 0.000      |         |
| 12   | 2  | 13.869  |          | 0.491       | 19.512       | 13.475       | 0.000      |         |
| 12   | 3  | 10.319  |          | 0.540       | 15.941       | 9.886        | 0.000      |         |
| Tot  | al | 727.144 |          | 18.159      | 917.503      | 712.567      | 0.000      |         |

| 1988 |    | U. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 4.543    | 1.137       | 4.475        | 3.469      | 0.000   |
| 1    | 2  |         | 7.916    | 1.348       | 7.848        | 6.631      | 0.000   |
| 1    | 3  |         | 6.379    | 1.413       | 6.305        | 5.035      | 0.000   |
| 2    | 1  |         | 4.911    | 1.248       | 4.836        | 3.733      | 0.000   |
| 2    | 2  |         | 3.598    | 1.148       | 3.523        | 2.521      | 0.000   |
| 2    | 3  |         | 3.317    | 0.984       | 3.257        | 2.390      | 0.000   |
| 3    | 1  |         | 7.826    | 1.300       | 7.759        | 6.590      | 0.000   |
| 3    | 2  |         | 8.211    | 1.348       | 8.144        | 6.927      | 0.000   |
| 3    | 3  |         | 7.033    | 1.441       | 6.959        | 5.663      | 0.000   |
| 4    | 1  |         | 3.757    | 1.269       | 3.672        | 2.568      | 0.000   |
| 4    | 2  |         | 4.169    | 1.300       | 4.084        | 2.949      | 0.000   |
| 4    | 3  |         | 4.050    | 1.200       | 3.965        | 2.929      | 0.000   |
| 5    | 1  |         | 5.355    | 1.271       | 5.273        | 4.161      | 0.000   |
| 5    | 2  |         | 8.919    | 1.438       | 8.837        | 7.557      | 0.000   |
| 5    | 3  |         | 4.599    | 1.364       | 4.509        | 3.319      | 0.000   |
| 6    | 1  |         | 3.783    | 1.140       | 3.699        | 2.723      | 0.000   |
| 6    | 2  |         | 2.904    | 1.098       | 2.819        | 1.885      | 0.000   |
| 6    | 3  |         | 2.285    | 1.070       | 2.200        | 1.294      | 0.000   |
| 7    | 1  |         | 2.404    | 1.061       | 2.322        | 1.420      | 0.000   |
| 7    | 2  |         | 2.642    | 1.114       | 2.560        | 1.605      | 0.000   |
| 7    | 3  |         | 3.945    | 1.460       | 3.855        | 2.569      | 0.000   |
| 8    | 1  |         | 3.593    | 1.221       | 3.527        | 2.449      | 0.000   |
| 8    | 2  |         | 5.953    | 1.408       | 5.887        | 4.623      | 0.000   |
| 8    | 3  |         | 4.574    | 1.349       | 4.501        | 3.309      | 0.000   |
| 9    | 1  |         | 3.772    | 0.407       | 3.772        | 3.365      | 0.000   |
| 9    | 2  |         | 2.957    | 0.434       | 2.957        | 2.523      | 0.000   |
| 9    | 3  |         | 3.234    | 0.452       | 3.234        | 2.782      | 0.000   |
| 10   | 1  |         | 4.230    | 0.549       | 4.230        | 3.682      | 0.000   |
| 10   | 2  |         | 4.188    | 0.599       | 4.188        | 3.589      | 0.000   |
| 10   | 3  |         | 5.373    | 0.626       | 5.373        | 4.746      | 0.000   |
| 11   | 1  |         | 5.170    | 1.197       | 5.114        | 4.038      | 0.000   |
| 11   | 2  |         | 5.576    | 1.139       | 5.519        | 4.502      | 0.000   |
| 11   | 3  |         | 4.517    | 1.255       | 4.460        | 3.328      | 0.000   |
| 12   | 1  |         | 3.926    | 1.088       | 3.858        | 2.901      | 0.000   |
| 12   | 2  |         | 4.980    | 1.135       | 4.912        | 3.908      | 0.000   |
| 12   | 3  |         | 3.254    | 1.095       | 3.179        | 2.229      | 0.000   |
| Tot  | al |         | 167.844  | 40.107      | 165.612      | 129.913    | 0.000   |
|      |    |         |          |             |              |            |         |
| 1988 |    | Kelingi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 0.821    | 0.295       | 0.821        | 0.526      | 0.000   |
| 1    | 2  |         | 0.836    | 0.295       | 0.836        | 0.541      | 0.000   |
| 1    | 3  |         | 1.467    | 0.325       | 1.467        | 1.142      | 0.000   |
| 2    | 1  |         | 1.051    | 0.325       | 1.051        | 0.726      | 0.000   |
| 2    | 2  |         | 1.049    | 0.325       | 1.049        | 0.724      | 0.000   |
| 2    | 3  |         | 0.890    | 0.260       | 0.890        | 0.630      | 0.000   |
| 3    | 1  |         | 0.763    | 0.295       | 0.763        | 0.468      | 0.000   |
| 3    | 2  |         | 1.118    | 0.295       | 1.118        | 0.823      | 0.000   |
| 3    | 3  |         | 1.745    | 0.325       | 1.745        | 1.420      | 0.000   |
| 4    | 1  |         | 0.979    | 0.365       | 0.979        | 0.613      | 0.000   |
| 4    | 2  |         | 0.878    | 0.365       | 0.878        | 0.512      | 0.000   |
| 4    | 3  |         | 0.736    | 0.365       | 0.736        | 0.371      | 0.000   |
| 5    | 1  |         | 0.700    | 0.354       | 0.700        | 0.346      | 0.000   |
| 5    | 2  |         | 0.703    | 0.354       | 0.703        | 0.348      | 0.000   |
| 5    | 3  |         | 0.676    | 0.390       | 0.676        | 0.286      | 0.000   |
| 6    | 1  |         | 0.492    | 0.365       | 0.492        | 0.126      | 0.000   |
| 6    | 2  |         | 0.427    | 0.365       | 0.427        | 0.061      | 0.000   |
| 6    | 3  |         | 0.376    | 0.365       | 0.376        | 0.028      | 0.017   |
| 7    | 1  |         | 0.333    | 0.354       | 0.333        | 0.028      | 0.050   |
| 7    | 2  |         | 0.296    | 0.354       | 0.296        | 0.028      | 0.086   |
| 7    | 3  |         | 0.446    | 0.390       | 0.446        | 0.056      | 0.000   |
| 8    | 1  |         | 0.561    | 0.192       | 0.561        | 0.369      | 0.000   |
| 8    | 2  |         | 0.727    | 0.192       | 0.727        | 0.535      | 0.000   |
| 8    | 3  |         | 0.716    | 0.211       | 0.716        | 0.505      | 0.000   |
| 9    | 1  |         | 0.500    | 0.019       | 0.500        | 0.481      | 0.000   |
| 9    | 2  |         | 0.422    | 0.019       | 0.422        | 0.403      | 0.000   |
| 9    | 3  |         | 0.413    | 0.019       | 0.413        | 0.394      | 0.000   |
| 10   | 1  |         | 0.697    | 0.019       | 0.697        | 0.678      | 0.000   |
| 10   | 2  |         | 0.659    | 0.019       | 0.659        | 0.641      | 0.000   |
| 10   | 3  |         | 0.811    | 0.021       | 0.811        | 0.791      | 0.000   |
| 11   | 1  |         | 0.755    | 0.166       | 0.755        | 0.589      | 0.000   |
| 11   | 2  |         | 0.689    | 0.166       | 0.689        | 0.523      | 0.000   |
| 11   | 3  |         | 0.774    | 0.166       | 0.774        | 0.607      | 0.000   |
| 12   | 1  |         | 1.141    | 0.295       | 1.141        | 0.846      | 0.000   |
| 12   | 2  |         | 0.708    | 0.295       | 0.708        | 0.412      | 0.000   |
| 12   | 3  |         | 0.548    | 0.325       | 0.548        | 0.223      | 0.000   |
| Tot  | al |         | 26.900   | 9.252       | 26.900       | 17.800     | 0.153   |

| 1988 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.684    | 0.211     | 0.684        | 0.472        | 0.000      |         |
| 1    | 2  |          | 0.622    | 0.211     | 0.622        | 0.411        | 0.000      |         |
| 1    | 3  |          | 0.930    | 0.233     | 0.930        | 0.698        | 0.000      |         |
| 2    | 1  |          | 0.715    | 0.234     | 0.715        | 0.482        | 0.000      |         |
| 2    | 2  |          | 0.717    | 0.234     | 0.717        | 0.484        | 0.000      |         |
| 2    | 3  |          | 0.652    | 0.187     | 0.652        | 0.465        | 0.000      |         |
| 3    | 1  |          | 0.615    | 0.211     | 0.615        | 0.404        | 0.000      |         |
| 3    | 2  |          | 0.750    | 0.211     | 0.750        | 0.538        | 0.000      |         |
| 3    | 3  |          | 1.155    | 0.233     | 1.155        | 0.922        | 0.000      |         |
| 4    | 1  |          | 0.822    | 0.265     | 0.822        | 0.557        | 0.000      |         |
| 4    | 2  |          | 0.826    | 0.265     | 0.826        | 0.561        | 0.000      |         |
| 4    | 3  |          | 0.715    | 0.265     | 0.715        | 0.450        | 0.000      |         |
| 5    | 1  |          | 0.643    | 0.257     | 0.643        | 0.386        | 0.000      |         |
| 5    | 2  |          | 0.570    | 0.257     | 0.570        | 0.313        | 0.000      |         |
| 5    | 3  |          | 0.537    | 0.282     | 0.537        | 0.254        | 0.000      |         |
| 6    | 1  |          | 0.425    | 0.265     | 0.425        | 0.160        | 0.000      |         |
| 6    | 2  |          | 0.376    | 0.265     | 0.376        | 0.111        | 0.000      |         |
| 6    | 3  |          | 0.334    | 0.265     | 0.334        | 0.069        | 0.000      |         |
| 7    | 1  |          | 0.296    | 0.257     | 0.296        | 0.039        | 0.000      |         |
| 7    | 2  |          | 0.262    | 0.257     | 0.262        | 0.039        | 0.033      |         |
| 7    | 3  |          | 0.385    | 0.282     | 0.385        | 0.102        | 0.000      |         |
| 8    | 1  |          | 0.485    | 0.229     | 0.485        | 0.257        | 0.000      |         |
| 8    | 2  |          | 0.610    | 0.229     | 0.610        | 0.381        | 0.000      |         |
| 8    | 3  |          | 0.607    | 0.252     | 0.607        | 0.355        | 0.000      |         |
| 9    | 1  |          | 0.466    | 0.006     | 0.466        | 0.460        | 0.000      |         |
| 9    | 2  |          | 0.417    | 0.006     | 0.417        | 0.412        | 0.000      |         |
| 9    | 3  |          | 0.412    | 0.006     | 0.412        | 0.407        | 0.000      |         |
| 10   | 1  |          | 0.665    | 0.006     | 0.665        | 0.659        | 0.000      |         |
| 10   | 2  |          | 0.628    | 0.006     | 0.628        | 0.622        | 0.000      |         |
| 10   | 3  |          | 0.715    | 0.006     | 0.715        | 0.709        | 0.000      |         |
| 11   | 1  |          | 0.635    | 0.195     | 0.635        | 0.441        | 0.000      |         |
| 11   | 2  |          | 0.570    | 0.195     | 0.570        | 0.376        | 0.000      |         |
| 11   | 3  |          | 0.566    | 0.195     | 0.566        | 0.371        | 0.000      |         |
| 12   | 1  |          | 0.753    | 0.211     | 0.753        | 0.541        | 0.000      |         |
| 12   | 2  |          | 0.591    | 0.211     | 0.591        | 0.380        | 0.000      |         |
| 12   | 3  |          | 0.543    | 0.233     | 0.543        | 0.310        | 0.000      |         |
| Tot  | al |          | 21.696   | 7.132     | 21.696       | 14.597       | 0.033      |         |
|      |    |          |          |           |              |              |            |         |
| 1988 |    | U.       | Lakitan  | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.791    | 0.315     | 0.791        | 0.475        | 0.000      |         |
| 1    | 2  |          | 0.817    | 0.315     | 0.817        | 0.501        | 0.000      |         |
| 1    | 3  |          | 1.365    | 0.347     | 1.365        | 1.019        | 0.000      |         |
| 2    | 1  |          | 0.858    | 0.348     | 0.858        | 0.510        | 0.000      |         |
| 2    | 2  |          | 1.216    | 0.348     | 1.216        | 0.868        | 0.000      |         |
| 2    | 3  |          | 0.960    | 0.278     | 0.960        | 0.682        | 0.000      |         |
| 3    | 1  |          | 0.660    | 0.315     | 0.660        | 0.345        | 0.000      |         |
| 3    | 2  |          | 1.289    | 0.315     | 1.289        | 0.974        | 0.000      |         |
| 3    | 3  |          | 1.577    | 0.347     | 1.577        | 1.231        | 0.000      |         |
| 4    | 1  |          | 0.809    | 0.393     | 0.809        | 0.416        | 0.000      |         |
| 4    | 2  |          | 1.002    | 0.393     | 1.002        | 0.609        | 0.000      |         |
| 4    | 3  |          | 0.788    | 0.393     | 0.788        | 0.395        | 0.000      |         |
| 5    | 1  |          | 0.719    | 0.380     | 0.719        | 0.339        | 0.000      |         |
| 5    | 2  |          | 0.606    | 0.380     | 0.606        | 0.226        | 0.000      |         |
| 5    | 3  |          | 0.562    | 0.418     | 0.562        | 0.144        | 0.000      |         |
| 6    | 1  |          | 0.447    | 0.393     | 0.447        | 0.055        | 0.000      |         |
| 6    | 2  |          | 0.398    | 0.393     | 0.398        | 0.046        | 0.041      |         |
| 6    | 3  |          | 0.354    | 0.393     | 0.354        | 0.046        | 0.085      |         |
| 7    | 1  |          | 0.311    | 0.380     | 0.311        | 0.046        | 0.115      |         |
| 7    | 2  |          | 0.279    | 0.380     | 0.279        | 0.046        | 0.147      |         |
| 7    | 3  |          | 0.492    | 0.418     | 0.492        | 0.073        | 0.000      |         |
| 8    | 1  |          | 0.661    | 0.157     | 0.661        | 0.504        | 0.000      |         |
| 8    | 2  |          | 0.893    | 0.157     | 0.893        | 0.736        | 0.000      |         |
| 8    | 3  |          | 0.739    | 0.173     | 0.739        | 0.566        | 0.000      |         |
| 9    | 1  |          | 0.528    | 0.008     | 0.528        | 0.519        | 0.000      |         |
| 9    | 2  |          | 0.471    | 0.008     | 0.471        | 0.462        | 0.000      |         |
| 9    | 3  |          | 0.483    | 0.008     | 0.483        | 0.474        | 0.000      |         |
| 10   | 1  |          | 1.046    | 0.008     | 1.046        | 1.038        | 0.000      |         |
| 10   | 2  |          | 0.743    | 0.008     | 0.743        | 0.735        | 0.000      |         |
| 10   | 3  |          | 0.931    | 0.009     | 0.931        | 0.922        | 0.000      |         |
| 11   | 1  |          | 0.871    | 0.135     | 0.871        | 0.736        | 0.000      |         |
| 11   | 2  |          | 0.708    | 0.135     | 0.708        | 0.572        | 0.000      |         |
| 11   | 3  |          | 0.918    | 0.135     | 0.918        | 0.782        | 0.000      |         |
| 12   | 1  |          | 1.248    | 0.315     | 1.248        | 0.933        | 0.000      |         |
| 12   | 2  |          | 0.623    | 0.315     | 0.623        | 0.308        | 0.000      |         |
| 12   | 3  |          | 0.571    | 0.347     | 0.571        | 0.224        | 0.000      |         |
| Tot  | al |          | 27.733   | 9.563     | 27.733       | 18.558       | 0.388      |         |

| 1988 | L. | Lakitan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 0.701    | 0.038       | 0.955        | 0.664      | 0.000   |
| 1    | 2  |         | 0.716    | 0.038       | 0.969        | 0.678      | 0.000   |
| 1    | 3  |         | 1.327    | 0.041       | 1.606        | 1.286      | 0.000   |
| 2    | 1  |         | 0.756    | 0.041       | 1.036        | 0.715      | 0.000   |
| 2    | 2  |         | 1.116    | 0.041       | 1.396        | 1.075      | 0.000   |
| 2    | 3  |         | 0.906    | 0.033       | 1.130        | 0.873      | 0.000   |
| 3    | 1  |         | 0.558    | 0.038       | 0.811        | 0.520      | 0.000   |
| 3    | 2  |         | 1.221    | 0.038       | 1.475        | 1.184      | 0.000   |
| 3    | 3  |         | 1.587    | 0.041       | 1.866        | 1.546      | 0.000   |
| 4    | 1  |         | 0.690    | 0.046       | 1.005        | 0.644      | 0.000   |
| 4    | 2  |         | 0.881    | 0.046       | 1.197        | 0.836      | 0.000   |
| 4    | 3  |         | 0.640    | 0.046       | 0.956        | 0.595      | 0.000   |
| 5    | 1  |         | 0.565    | 0.044       | 0.871        | 0.521      | 0.000   |
| 5    | 2  |         | 0.435    | 0.044       | 0.741        | 0.391      | 0.000   |
| 5    | 3  |         | 0.353    | 0.049       | 0.689        | 0.304      | 0.000   |
| 6    | 1  |         | 0.232    | 0.046       | 0.548        | 0.186      | 0.000   |
| 6    | 2  |         | 0.204    | 0.046       | 0.487        | 0.158      | 0.000   |
| 6    | 3  |         | 0.185    | 0.046       | 0.433        | 0.139      | 0.000   |
| 7    | 1  |         | 0.167    | 0.044       | 0.381        | 0.123      | 0.000   |
| 7    | 2  |         | 0.153    | 0.044       | 0.341        | 0.109      | 0.000   |
| 7    | 3  |         | 0.248    | 0.049       | 0.585        | 0.199      | 0.000   |
| 8    | 1  |         | 0.654    | 0.037       | 0.781        | 0.617      | 0.000   |
| 8    | 2  |         | 0.923    | 0.037       | 1.051        | 0.887      | 0.000   |
| 8    | 3  |         | 0.749    | 0.040       | 0.889        | 0.709      | 0.000   |
| 9    | 1  |         | 0.632    | 0.006       | 0.640        | 0.626      | 0.000   |
| 9    | 2  |         | 0.563    | 0.006       | 0.572        | 0.557      | 0.000   |
| 9    | 3  |         | 0.575    | 0.006       | 0.583        | 0.569      | 0.000   |
| 10   | 1  |         | 1.205    | 0.006       | 1.214        | 1.200      | 0.000   |
| 10   | 2  |         | 0.891    | 0.006       | 0.899        | 0.885      | 0.000   |
| 10   | 3  |         | 1.095    | 0.006       | 1.104        | 1.088      | 0.000   |
| 11   | 1  |         | 0.916    | 0.032       | 1.026        | 0.884      | 0.000   |
| 11   | 2  |         | 0.738    | 0.032       | 0.848        | 0.706      | 0.000   |
| 11   | 3  |         | 0.951    | 0.032       | 1.061        | 0.919      | 0.000   |
| 12   | 1  |         | 1.201    | 0.038       | 1.455        | 1.164      | 0.000   |
| 12   | 2  |         | 0.518    | 0.038       | 0.772        | 0.481      | 0.000   |
| 12   | 3  |         | 0.422    | 0.041       | 0.701        | 0.381      | 0.000   |
| Tot  | al |         | 25.675   | 1.256       | 33.076       | 24.419     | 0.000   |

  

| 1988 | M. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|---------|----------|-------------|--------------|------------|---------|
| 1    | 1       | 5.522    | 0.072       | 7.210        | 5.450      | 0.000   |
| 1    | 2       | 8.716    | 0.072       | 10.615       | 8.644      | 0.000   |
| 1    | 3       | 8.818    | 0.079       | 10.837       | 8.738      | 0.000   |
| 2    | 1       | 6.403    | 0.079       | 8.256        | 6.323      | 0.000   |
| 2    | 2       | 5.526    | 0.079       | 7.279        | 5.446      | 0.000   |
| 2    | 3       | 5.056    | 0.063       | 6.524        | 4.992      | 0.000   |
| 3    | 1       | 8.740    | 0.072       | 10.590       | 8.668      | 0.000   |
| 3    | 2       | 10.332   | 0.072       | 12.230       | 10.260     | 0.000   |
| 3    | 3       | 10.601   | 0.079       | 12.648       | 10.522     | 0.000   |
| 4    | 1       | 5.054    | 0.089       | 7.004        | 4.965      | 0.000   |
| 4    | 2       | 5.579    | 0.089       | 7.560        | 5.489      | 0.000   |
| 4    | 3       | 5.047    | 0.089       | 6.929        | 4.958      | 0.000   |
| 5    | 1       | 6.081    | 0.086       | 8.013        | 5.995      | 0.000   |
| 5    | 2       | 9.439    | 0.086       | 11.538       | 9.353      | 0.000   |
| 5    | 3       | 4.998    | 0.095       | 7.089        | 4.903      | 0.000   |
| 6    | 1       | 3.823    | 0.089       | 5.645        | 3.734      | 0.000   |
| 6    | 2       | 2.736    | 0.089       | 4.482        | 2.646      | 0.000   |
| 6    | 3       | 1.992    | 0.089       | 3.662        | 1.903      | 0.000   |
| 7    | 1       | 2.028    | 0.086       | 3.618        | 1.941      | 0.000   |
| 7    | 2       | 2.149    | 0.086       | 3.710        | 2.062      | 0.000   |
| 7    | 3       | 3.362    | 0.095       | 5.549        | 3.267      | 0.000   |
| 8    | 1       | 4.045    | 0.070       | 5.609        | 3.975      | 0.000   |
| 8    | 2       | 6.799    | 0.070       | 8.549        | 6.728      | 0.000   |
| 8    | 3       | 5.479    | 0.077       | 7.206        | 5.402      | 0.000   |
| 9    | 1       | 5.404    | 0.004       | 5.850        | 5.400      | 0.000   |
| 9    | 2       | 4.409    | 0.004       | 4.881        | 4.405      | 0.000   |
| 9    | 3       | 4.552    | 0.004       | 5.042        | 4.548      | 0.000   |
| 10   | 1       | 6.614    | 0.004       | 7.202        | 6.610      | 0.000   |
| 10   | 2       | 6.129    | 0.004       | 6.767        | 6.125      | 0.000   |
| 10   | 3       | 7.897    | 0.005       | 8.566        | 7.893      | 0.000   |
| 11   | 1       | 6.852    | 0.060       | 8.347        | 6.792      | 0.000   |
| 11   | 2       | 6.998    | 0.060       | 8.434        | 6.937      | 0.000   |
| 11   | 3       | 6.018    | 0.060       | 7.569        | 5.957      | 0.000   |
| 12   | 1       | 6.119    | 0.072       | 7.758        | 6.047      | 0.000   |
| 12   | 2       | 5.806    | 0.072       | 7.491        | 5.734      | 0.000   |
| 12   | 3       | 3.756    | 0.079       | 5.456        | 3.677      | 0.000   |
| Tot  | al      | 208.877  | 2.386       | 265.714      | 206.490    | 0.000   |

| 1988 |    | U. Rawas |             |              |            |         |  |
|------|----|----------|-------------|--------------|------------|---------|--|
|      |    | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |  |
| 1    | 1  | 0.790    | 0.242       | 0.790        | 0.548      | 0.000   |  |
| 1    | 2  | 0.700    | 0.242       | 0.700        | 0.458      | 0.000   |  |
| 1    | 3  | 0.678    | 0.267       | 0.678        | 0.412      | 0.000   |  |
| 2    | 1  | 1.405    | 0.268       | 1.405        | 1.137      | 0.000   |  |
| 2    | 2  | 3.065    | 0.268       | 3.065        | 2.798      | 0.000   |  |
| 2    | 3  | 2.841    | 0.214       | 2.841        | 2.626      | 0.000   |  |
| 3    | 1  | 3.431    | 0.242       | 3.431        | 3.188      | 0.000   |  |
| 3    | 2  | 2.900    | 0.242       | 2.900        | 2.657      | 0.000   |  |
| 3    | 3  | 2.546    | 0.267       | 2.546        | 2.280      | 0.000   |  |
| 4    | 1  | 2.826    | 0.302       | 2.826        | 2.523      | 0.000   |  |
| 4    | 2  | 4.196    | 0.302       | 4.196        | 3.893      | 0.000   |  |
| 4    | 3  | 2.016    | 0.302       | 2.016        | 1.714      | 0.000   |  |
| 5    | 1  | 1.646    | 0.293       | 1.646        | 1.353      | 0.000   |  |
| 5    | 2  | 1.468    | 0.293       | 1.468        | 1.175      | 0.000   |  |
| 5    | 3  | 1.413    | 0.322       | 1.413        | 1.091      | 0.000   |  |
| 6    | 1  | 1.127    | 0.302       | 1.127        | 0.825      | 0.000   |  |
| 6    | 2  | 1.004    | 0.302       | 1.004        | 0.702      | 0.000   |  |
| 6    | 3  | 0.886    | 0.302       | 0.886        | 0.584      | 0.000   |  |
| 7    | 1  | 0.785    | 0.293       | 0.785        | 0.492      | 0.000   |  |
| 7    | 2  | 0.836    | 0.293       | 0.836        | 0.544      | 0.000   |  |
| 7    | 3  | 1.145    | 0.322       | 1.145        | 0.822      | 0.000   |  |
| 8    | 1  | 1.131    | 0.236       | 1.131        | 0.896      | 0.000   |  |
| 8    | 2  | 1.328    | 0.236       | 1.328        | 1.093      | 0.000   |  |
| 8    | 3  | 2.164    | 0.259       | 2.164        | 1.905      | 0.000   |  |
| 9    | 1  | 2.924    | 0.005       | 2.924        | 2.920      | 0.000   |  |
| 9    | 2  | 4.319    | 0.005       | 4.319        | 4.314      | 0.000   |  |
| 9    | 3  | 2.497    | 0.005       | 2.497        | 2.492      | 0.000   |  |
| 10   | 1  | 1.932    | 0.005       | 1.932        | 1.928      | 0.000   |  |
| 10   | 2  | 1.774    | 0.005       | 1.774        | 1.769      | 0.000   |  |
| 10   | 3  | 3.262    | 0.005       | 3.262        | 3.257      | 0.000   |  |
| 11   | 1  | 2.956    | 0.201       | 2.956        | 2.755      | 0.000   |  |
| 11   | 2  | 3.046    | 0.201       | 3.046        | 2.845      | 0.000   |  |
| 11   | 3  | 3.053    | 0.201       | 3.053        | 2.851      | 0.000   |  |
| 12   | 1  | 2.588    | 0.242       | 2.588        | 2.346      | 0.000   |  |
| 12   | 2  | 1.608    | 0.242       | 1.608        | 1.366      | 0.000   |  |
| 12   | 3  | 1.533    | 0.267       | 1.533        | 1.266      | 0.000   |  |
| Tot  | al | 73.822   | 7.995       | 73.822       | 65.826     | 0.000   |  |
|      |    |          |             |              |            |         |  |
| 1988 |    | L. Rawas |             |              |            |         |  |
|      |    | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |  |
| 1    | 1  | 0.962    | 0.174       | 1.156        | 0.787      | 0.000   |  |
| 1    | 2  | 0.944    | 0.174       | 1.138        | 0.769      | 0.000   |  |
| 1    | 3  | 0.953    | 0.191       | 1.167        | 0.762      | 0.000   |  |
| 2    | 1  | 1.917    | 0.192       | 2.132        | 1.725      | 0.000   |  |
| 2    | 2  | 4.418    | 0.192       | 4.633        | 4.226      | 0.000   |  |
| 2    | 3  | 4.386    | 0.154       | 4.558        | 4.232      | 0.000   |  |
| 3    | 1  | 4.330    | 0.174       | 4.525        | 4.156      | 0.000   |  |
| 3    | 2  | 3.552    | 0.174       | 3.747        | 3.378      | 0.000   |  |
| 3    | 3  | 3.167    | 0.191       | 3.382        | 2.976      | 0.000   |  |
| 4    | 1  | 3.206    | 0.219       | 3.449        | 2.987      | 0.000   |  |
| 4    | 2  | 4.544    | 0.219       | 4.787        | 4.325      | 0.000   |  |
| 4    | 3  | 2.316    | 0.219       | 2.559        | 2.097      | 0.000   |  |
| 5    | 1  | 1.875    | 0.212       | 2.110        | 1.663      | 0.000   |  |
| 5    | 2  | 1.633    | 0.212       | 1.868        | 1.420      | 0.000   |  |
| 5    | 3  | 1.538    | 0.234       | 1.796        | 1.304      | 0.000   |  |
| 6    | 1  | 1.188    | 0.219       | 1.431        | 0.969      | 0.000   |  |
| 6    | 2  | 1.032    | 0.219       | 1.274        | 0.812      | 0.000   |  |
| 6    | 3  | 0.887    | 0.219       | 1.129        | 0.667      | 0.000   |  |
| 7    | 1  | 0.762    | 0.212       | 0.997        | 0.550      | 0.000   |  |
| 7    | 2  | 0.789    | 0.212       | 1.024        | 0.577      | 0.000   |  |
| 7    | 3  | 1.075    | 0.234       | 1.334        | 0.842      | 0.000   |  |
| 8    | 1  | 1.094    | 0.174       | 1.283        | 0.919      | 0.000   |  |
| 8    | 2  | 1.269    | 0.174       | 1.459        | 1.095      | 0.000   |  |
| 8    | 3  | 2.082    | 0.192       | 2.290        | 1.890      | 0.000   |  |
| 9    | 1  | 3.020    | 0.005       | 3.025        | 3.015      | 0.000   |  |
| 9    | 2  | 4.405    | 0.005       | 4.410        | 4.400      | 0.000   |  |
| 9    | 3  | 2.579    | 0.005       | 2.583        | 2.573      | 0.000   |  |
| 10   | 1  | 2.008    | 0.005       | 2.013        | 2.003      | 0.000   |  |
| 10   | 2  | 1.837    | 0.005       | 1.842        | 1.832      | 0.000   |  |
| 10   | 3  | 3.318    | 0.006       | 3.323        | 3.313      | 0.000   |  |
| 11   | 1  | 2.843    | 0.147       | 3.005        | 2.695      | 0.000   |  |
| 11   | 2  | 2.929    | 0.147       | 3.091        | 2.782      | 0.000   |  |
| 11   | 3  | 2.932    | 0.147       | 3.094        | 2.785      | 0.000   |  |
| 12   | 1  | 2.428    | 0.174       | 2.623        | 2.254      | 0.000   |  |
| 12   | 2  | 1.443    | 0.174       | 1.638        | 1.269      | 0.000   |  |
| 12   | 3  | 1.347    | 0.191       | 1.561        | 1.155      | 0.000   |  |
| Tot  | al | 81.007   | 5.803       | 87.437       | 75.204     | 0.000   |  |



| 1988 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.968    | 0.328     | 0.968        | 0.640        | 0.000      |         |
| 1    | 2  |          | 0.858    | 0.328     | 0.858        | 0.530        | 0.000      |         |
| 1    | 3  |          | 0.831    | 0.361     | 0.831        | 0.470        | 0.000      |         |
| 2    | 1  |          | 1.362    | 0.363     | 1.362        | 0.999        | 0.000      |         |
| 2    | 2  |          | 2.829    | 0.363     | 2.829        | 2.466        | 0.000      |         |
| 2    | 3  |          | 3.149    | 0.290     | 3.149        | 2.859        | 0.000      |         |
| 3    | 1  |          | 3.283    | 0.328     | 3.283        | 2.955        | 0.000      |         |
| 3    | 2  |          | 3.521    | 0.328     | 3.521        | 3.193        | 0.000      |         |
| 3    | 3  |          | 2.930    | 0.361     | 2.930        | 2.569        | 0.000      |         |
| 4    | 1  |          | 2.661    | 0.470     | 2.661        | 2.191        | 0.000      |         |
| 4    | 2  |          | 4.146    | 0.470     | 4.146        | 3.676        | 0.000      |         |
| 4    | 3  |          | 2.772    | 0.470     | 2.772        | 2.302        | 0.000      |         |
| 5    | 1  |          | 1.961    | 0.455     | 1.961        | 1.506        | 0.000      |         |
| 5    | 2  |          | 1.661    | 0.455     | 1.661        | 1.206        | 0.000      |         |
| 5    | 3  |          | 1.598    | 0.501     | 1.598        | 1.097        | 0.000      |         |
| 6    | 1  |          | 1.271    | 0.470     | 1.271        | 0.801        | 0.000      |         |
| 6    | 2  |          | 1.128    | 0.470     | 1.128        | 0.658        | 0.000      |         |
| 6    | 3  |          | 1.000    | 0.470     | 1.000        | 0.530        | 0.000      |         |
| 7    | 1  |          | 0.884    | 0.455     | 0.884        | 0.429        | 0.000      |         |
| 7    | 2  |          | 0.890    | 0.455     | 0.890        | 0.435        | 0.000      |         |
| 7    | 3  |          | 1.171    | 0.501     | 1.171        | 0.670        | 0.000      |         |
| 8    | 1  |          | 1.165    | 0.451     | 1.165        | 0.714        | 0.000      |         |
| 8    | 2  |          | 1.389    | 0.451     | 1.389        | 0.938        | 0.000      |         |
| 8    | 3  |          | 2.060    | 0.496     | 2.060        | 1.564        | 0.000      |         |
| 9    | 1  |          | 2.655    | 0.002     | 2.655        | 2.654        | 0.000      |         |
| 9    | 2  |          | 3.949    | 0.002     | 3.949        | 3.947        | 0.000      |         |
| 9    | 3  |          | 3.296    | 0.002     | 3.296        | 3.294        | 0.000      |         |
| 10   | 1  |          | 2.322    | 0.002     | 2.322        | 2.320        | 0.000      |         |
| 10   | 2  |          | 1.995    | 0.002     | 1.995        | 1.993        | 0.000      |         |
| 10   | 3  |          | 3.064    | 0.002     | 3.064        | 3.062        | 0.000      |         |
| 11   | 1  |          | 3.141    | 0.335     | 3.141        | 2.806        | 0.000      |         |
| 11   | 2  |          | 3.364    | 0.335     | 3.364        | 3.029        | 0.000      |         |
| 11   | 3  |          | 3.122    | 0.335     | 3.122        | 2.787        | 0.000      |         |
| 12   | 1  |          | 3.104    | 0.328     | 3.104        | 2.776        | 0.000      |         |
| 12   | 2  |          | 2.027    | 0.328     | 2.027        | 1.699        | 0.000      |         |
| 12   | 3  |          | 1.756    | 0.361     | 1.756        | 1.395        | 0.000      |         |
| Tot  | al |          | 79.282   | 12.125    | 79.282       | 67.158       | 0.000      |         |
|      |    |          |          |           |              |              |            |         |
| 1988 |    | U.       | Lematang | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 1.347    | 0.475     | 1.347        | 0.873        | 0.000      |         |
| 1    | 2  |          | 2.481    | 0.475     | 2.481        | 2.006        | 0.000      |         |
| 1    | 3  |          | 2.276    | 0.522     | 2.276        | 1.753        | 0.000      |         |
| 2    | 1  |          | 3.031    | 0.523     | 3.031        | 2.508        | 0.000      |         |
| 2    | 2  |          | 3.178    | 0.523     | 3.178        | 2.656        | 0.000      |         |
| 2    | 3  |          | 1.748    | 0.418     | 1.748        | 1.330        | 0.000      |         |
| 3    | 1  |          | 3.970    | 0.475     | 3.970        | 3.495        | 0.000      |         |
| 3    | 2  |          | 3.627    | 0.475     | 3.627        | 3.152        | 0.000      |         |
| 3    | 3  |          | 3.125    | 0.522     | 3.125        | 2.603        | 0.000      |         |
| 4    | 1  |          | 1.596    | 0.521     | 1.596        | 1.075        | 0.000      |         |
| 4    | 2  |          | 3.296    | 0.521     | 3.296        | 2.775        | 0.000      |         |
| 4    | 3  |          | 2.386    | 0.521     | 2.386        | 1.865        | 0.000      |         |
| 5    | 1  |          | 1.932    | 0.505     | 1.932        | 1.427        | 0.000      |         |
| 5    | 2  |          | 4.156    | 0.505     | 4.156        | 3.652        | 0.000      |         |
| 5    | 3  |          | 2.239    | 0.555     | 2.239        | 1.683        | 0.000      |         |
| 6    | 1  |          | 1.420    | 0.521     | 1.420        | 0.900        | 0.000      |         |
| 6    | 2  |          | 1.264    | 0.521     | 1.264        | 0.743        | 0.000      |         |
| 6    | 3  |          | 1.372    | 0.521     | 1.372        | 0.852        | 0.000      |         |
| 7    | 1  |          | 1.070    | 0.505     | 1.070        | 0.565        | 0.000      |         |
| 7    | 2  |          | 0.940    | 0.505     | 0.940        | 0.435        | 0.000      |         |
| 7    | 3  |          | 1.718    | 0.555     | 1.718        | 1.162        | 0.000      |         |
| 8    | 1  |          | 1.657    | 0.505     | 1.657        | 1.152        | 0.000      |         |
| 8    | 2  |          | 2.583    | 0.505     | 2.583        | 2.078        | 0.000      |         |
| 8    | 3  |          | 2.931    | 0.555     | 2.931        | 2.376        | 0.000      |         |
| 9    | 1  |          | 2.393    | 0.028     | 2.393        | 2.365        | 0.000      |         |
| 9    | 2  |          | 2.204    | 0.028     | 2.204        | 2.176        | 0.000      |         |
| 9    | 3  |          | 1.571    | 0.028     | 1.571        | 1.542        | 0.000      |         |
| 10   | 1  |          | 2.084    | 0.028     | 2.084        | 2.056        | 0.000      |         |
| 10   | 2  |          | 2.993    | 0.028     | 2.993        | 2.965        | 0.000      |         |
| 10   | 3  |          | 2.809    | 0.031     | 2.809        | 2.778        | 0.000      |         |
| 11   | 1  |          | 4.659    | 0.490     | 4.659        | 4.169        | 0.000      |         |
| 11   | 2  |          | 2.794    | 0.490     | 2.794        | 2.304        | 0.000      |         |
| 11   | 3  |          | 2.436    | 0.490     | 2.436        | 1.946        | 0.000      |         |
| 12   | 1  |          | 1.751    | 0.475     | 1.751        | 1.276        | 0.000      |         |
| 12   | 2  |          | 2.129    | 0.475     | 2.129        | 1.654        | 0.000      |         |
| 12   | 3  |          | 1.510    | 0.522     | 1.510        | 0.987        | 0.000      |         |
| Tot  | al |          | 84.675   | 15.340    | 84.675       | 69.335       | 0.000      |         |

| 1988 | L. | Lematang | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 1.174    | 0.420     | 1.559        | 0.754      | 0.000   |
| 1    | 2  |          | 2.457    | 0.420     | 2.842        | 2.037      | 0.000   |
| 1    | 3  |          | 2.470    | 0.462     | 2.894        | 2.009      | 0.000   |
| 2    | 1  |          | 3.397    | 0.464     | 3.820        | 2.933      | 0.000   |
| 2    | 2  |          | 3.543    | 0.464     | 3.967        | 3.080      | 0.000   |
| 2    | 3  |          | 2.930    | 0.371     | 3.269        | 2.559      | 0.000   |
| 3    | 1  |          | 5.529    | 0.420     | 5.915        | 5.110      | 0.000   |
| 3    | 2  |          | 5.445    | 0.420     | 5.831        | 5.025      | 0.000   |
| 3    | 3  |          | 4.884    | 0.462     | 5.308        | 4.422      | 0.000   |
| 4    | 1  |          | 2.447    | 0.566     | 2.869        | 1.881      | 0.000   |
| 4    | 2  |          | 3.882    | 0.566     | 4.304        | 3.316      | 0.000   |
| 4    | 3  |          | 2.987    | 0.566     | 3.409        | 2.421      | 0.000   |
| 5    | 1  |          | 2.424    | 0.548     | 2.833        | 1.876      | 0.000   |
| 5    | 2  |          | 4.847    | 0.548     | 5.257        | 4.300      | 0.000   |
| 5    | 3  |          | 3.226    | 0.602     | 3.677        | 2.624      | 0.000   |
| 6    | 1  |          | 2.003    | 0.566     | 2.425        | 1.437      | 0.000   |
| 6    | 2  |          | 1.718    | 0.566     | 2.140        | 1.152      | 0.000   |
| 6    | 3  |          | 1.758    | 0.566     | 2.181        | 1.193      | 0.000   |
| 7    | 1  |          | 1.461    | 0.548     | 1.871        | 0.914      | 0.000   |
| 7    | 2  |          | 1.231    | 0.548     | 1.641        | 0.684      | 0.000   |
| 7    | 3  |          | 1.935    | 0.602     | 2.386        | 1.333      | 0.000   |
| 8    | 1  |          | 1.788    | 0.548     | 2.198        | 1.241      | 0.000   |
| 8    | 2  |          | 2.683    | 0.548     | 3.093        | 2.135      | 0.000   |
| 8    | 3  |          | 3.031    | 0.602     | 3.481        | 2.428      | 0.000   |
| 9    | 1  |          | 2.836    | 0.009     | 2.864        | 2.826      | 0.000   |
| 9    | 2  |          | 2.672    | 0.009     | 2.700        | 2.662      | 0.000   |
| 9    | 3  |          | 2.022    | 0.009     | 2.050        | 2.013      | 0.000   |
| 10   | 1  |          | 2.742    | 0.009     | 2.770        | 2.733      | 0.000   |
| 10   | 2  |          | 3.632    | 0.009     | 3.660        | 3.622      | 0.000   |
| 10   | 3  |          | 3.525    | 0.010     | 3.556        | 3.515      | 0.000   |
| 11   | 1  |          | 5.212    | 0.433     | 5.609        | 4.778      | 0.000   |
| 11   | 2  |          | 3.396    | 0.433     | 3.793        | 2.962      | 0.000   |
| 11   | 3  |          | 2.858    | 0.433     | 3.255        | 2.424      | 0.000   |
| 12   | 1  |          | 2.124    | 0.420     | 2.510        | 1.705      | 0.000   |
| 12   | 2  |          | 2.894    | 0.420     | 3.279        | 2.474      | 0.000   |
| 12   | 3  |          | 2.773    | 0.462     | 3.197        | 2.311      | 0.000   |
| Tot  | al |          | 105.935  | 15.047    | 118.412      | 90.888     | 0.000   |
| 1988 |    | U. Ogan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.223    | 0.354     | 0.223        | 0.116      | 0.247   |
| 1    | 2  |          | 0.295    | 0.354     | 0.295        | 0.116      | 0.175   |
| 1    | 3  |          | 0.481    | 0.390     | 0.481        | 0.128      | 0.037   |
| 2    | 1  |          | 0.679    | 0.388     | 0.679        | 0.291      | 0.000   |
| 2    | 2  |          | 0.787    | 0.388     | 0.787        | 0.398      | 0.000   |
| 2    | 3  |          | 1.218    | 0.311     | 1.218        | 0.908      | 0.000   |
| 3    | 1  |          | 1.603    | 0.354     | 1.603        | 1.249      | 0.000   |
| 3    | 2  |          | 2.114    | 0.354     | 2.114        | 1.760      | 0.000   |
| 3    | 3  |          | 2.568    | 0.390     | 2.568        | 2.179      | 0.000   |
| 4    | 1  |          | 1.127    | 0.379     | 1.127        | 0.747      | 0.000   |
| 4    | 2  |          | 1.373    | 0.379     | 1.373        | 0.993      | 0.000   |
| 4    | 3  |          | 0.969    | 0.379     | 0.969        | 0.589      | 0.000   |
| 5    | 1  |          | 0.799    | 0.368     | 0.799        | 0.431      | 0.000   |
| 5    | 2  |          | 0.826    | 0.368     | 0.826        | 0.458      | 0.000   |
| 5    | 3  |          | 0.982    | 0.405     | 0.982        | 0.576      | 0.000   |
| 6    | 1  |          | 0.678    | 0.379     | 0.678        | 0.298      | 0.000   |
| 6    | 2  |          | 0.488    | 0.379     | 0.488        | 0.116      | 0.008   |
| 6    | 3  |          | 0.462    | 0.379     | 0.462        | 0.116      | 0.034   |
| 7    | 1  |          | 0.424    | 0.368     | 0.424        | 0.116      | 0.060   |
| 7    | 2  |          | 0.344    | 0.368     | 0.344        | 0.116      | 0.141   |
| 7    | 3  |          | 0.378    | 0.405     | 0.378        | 0.128      | 0.155   |
| 8    | 1  |          | 0.283    | 0.105     | 0.283        | 0.178      | 0.000   |
| 8    | 2  |          | 0.376    | 0.105     | 0.376        | 0.271      | 0.000   |
| 8    | 3  |          | 0.671    | 0.116     | 0.671        | 0.555      | 0.000   |
| 9    | 1  |          | 0.660    | 0.037     | 0.660        | 0.623      | 0.000   |
| 9    | 2  |          | 0.630    | 0.037     | 0.630        | 0.593      | 0.000   |
| 9    | 3  |          | 0.646    | 0.037     | 0.646        | 0.609      | 0.000   |
| 10   | 1  |          | 0.614    | 0.037     | 0.614        | 0.577      | 0.000   |
| 10   | 2  |          | 0.795    | 0.037     | 0.795        | 0.758      | 0.000   |
| 10   | 3  |          | 1.309    | 0.041     | 1.309        | 1.268      | 0.000   |
| 11   | 1  |          | 1.883    | 0.141     | 1.883        | 1.742      | 0.000   |
| 11   | 2  |          | 1.439    | 0.141     | 1.439        | 1.298      | 0.000   |
| 11   | 3  |          | 1.352    | 0.141     | 1.352        | 1.211      | 0.000   |
| 12   | 1  |          | 1.325    | 0.354     | 1.325        | 0.970      | 0.000   |
| 12   | 2  |          | 1.664    | 0.354     | 1.664        | 1.309      | 0.000   |
| 12   | 3  |          | 1.662    | 0.390     | 1.662        | 1.272      | 0.000   |
| Tot  | al |          | 34.125   | 9.918     | 34.125       | 25.063     | 0.856   |

| 1988 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 0.994   | 0.586    | 1.087       | 0.408        | 0.000      |         |
| 1    | 2  | 1.085   | 0.586    | 1.235       | 0.499        | 0.000      |         |
| 1    | 3  | 1.617   | 0.644    | 1.908       | 0.973        | 0.000      |         |
| 2    | 1  | 2.055   | 0.647    | 2.373       | 1.407        | 0.000      |         |
| 2    | 2  | 2.381   | 0.647    | 2.700       | 1.734        | 0.000      |         |
| 2    | 3  | 2.679   | 0.518    | 2.933       | 2.161        | 0.000      |         |
| 3    | 1  | 3.914   | 0.586    | 4.205       | 3.329        | 0.000      |         |
| 3    | 2  | 5.743   | 0.586    | 6.034       | 5.157        | 0.000      |         |
| 3    | 3  | 5.272   | 0.644    | 5.592       | 4.627        | 0.000      |         |
| 4    | 1  | 2.623   | 0.163    | 2.934       | 2.460        | 0.000      |         |
| 4    | 2  | 2.830   | 0.163    | 3.141       | 2.667        | 0.000      |         |
| 4    | 3  | 2.048   | 0.163    | 2.359       | 1.885        | 0.000      |         |
| 5    | 1  | 1.666   | 0.158    | 1.968       | 1.508        | 0.000      |         |
| 5    | 2  | 1.628   | 0.158    | 1.931       | 1.471        | 0.000      |         |
| 5    | 3  | 1.841   | 0.174    | 2.173       | 1.668        | 0.000      |         |
| 6    | 1  | 1.246   | 0.163    | 1.557       | 1.083        | 0.000      |         |
| 6    | 2  | 0.947   | 0.163    | 1.252       | 0.784        | 0.000      |         |
| 6    | 3  | 0.852   | 0.163    | 1.136       | 0.689        | 0.000      |         |
| 7    | 1  | 0.785   | 0.158    | 1.039       | 0.627        | 0.000      |         |
| 7    | 2  | 0.702   | 0.158    | 0.891       | 0.544        | 0.000      |         |
| 7    | 3  | 0.692   | 0.174    | 0.900       | 0.519        | 0.000      |         |
| 8    | 1  | 0.608   | 0.122    | 0.700       | 0.487        | 0.000      |         |
| 8    | 2  | 0.663   | 0.122    | 0.755       | 0.541        | 0.000      |         |
| 8    | 3  | 0.971   | 0.134    | 1.072       | 0.837        | 0.000      |         |
| 9    | 1  | 0.950   | 0.009    | 0.988       | 0.941        | 0.000      |         |
| 9    | 2  | 0.873   | 0.009    | 0.910       | 0.863        | 0.000      |         |
| 9    | 3  | 0.874   | 0.009    | 0.911       | 0.864        | 0.000      |         |
| 10   | 1  | 0.815   | 0.009    | 0.852       | 0.805        | 0.000      |         |
| 10   | 2  | 1.019   | 0.009    | 1.056       | 1.009        | 0.000      |         |
| 10   | 3  | 1.649   | 0.010    | 1.690       | 1.639        | 0.000      |         |
| 11   | 1  | 2.220   | 0.574    | 2.340       | 1.646        | 0.000      |         |
| 11   | 2  | 1.825   | 0.574    | 1.945       | 1.251        | 0.000      |         |
| 11   | 3  | 1.689   | 0.574    | 1.809       | 1.115        | 0.000      |         |
| 12   | 1  | 1.460   | 0.586    | 1.751       | 0.874        | 0.000      |         |
| 12   | 2  | 2.093   | 0.586    | 2.384       | 1.508        | 0.000      |         |
| 12   | 3  | 2.389   | 0.644    | 2.709       | 1.745        | 0.000      |         |
| Tot  | al | 63.695  | 11.371   | 71.215      | 52.324       | 0.000      |         |

| 1988 | U. | Komering | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 0.963    | 0.884    | 0.963       | 0.350        | 0.271      |         |
| 1    | 2  | 1.121    | 0.884    | 1.121       | 0.350        | 0.113      |         |
| 1    | 3  | 1.259    | 0.972    | 1.259       | 0.385        | 0.098      |         |
| 2    | 1  | 1.509    | 0.973    | 1.509       | 0.537        | 0.000      |         |
| 2    | 2  | 1.084    | 0.973    | 1.084       | 0.350        | 0.239      |         |
| 2    | 3  | 0.971    | 0.778    | 0.971       | 0.280        | 0.087      |         |
| 3    | 1  | 1.180    | 0.884    | 1.180       | 0.350        | 0.054      |         |
| 3    | 2  | 2.172    | 0.884    | 2.172       | 1.288        | 0.000      |         |
| 3    | 3  | 3.867    | 0.972    | 3.867       | 2.895        | 0.000      |         |
| 4    | 1  | 1.661    | 1.094    | 1.661       | 0.567        | 0.000      |         |
| 4    | 2  | 1.928    | 1.094    | 1.928       | 0.834        | 0.000      |         |
| 4    | 3  | 1.620    | 1.094    | 1.620       | 0.526        | 0.000      |         |
| 5    | 1  | 1.276    | 1.060    | 1.276       | 0.350        | 0.134      |         |
| 5    | 2  | 1.140    | 1.060    | 1.140       | 0.350        | 0.270      |         |
| 5    | 3  | 1.326    | 1.166    | 1.326       | 0.385        | 0.225      |         |
| 6    | 1  | 1.458    | 1.094    | 1.458       | 0.365        | 0.000      |         |
| 6    | 2  | 1.194    | 1.094    | 1.194       | 0.350        | 0.249      |         |
| 6    | 3  | 1.225    | 1.094    | 1.225       | 0.350        | 0.219      |         |
| 7    | 1  | 1.340    | 1.060    | 1.340       | 0.350        | 0.070      |         |
| 7    | 2  | 1.229    | 1.060    | 1.229       | 0.350        | 0.181      |         |
| 7    | 3  | 1.869    | 1.166    | 1.869       | 0.703        | 0.000      |         |
| 8    | 1  | 1.395    | 0.053    | 1.395       | 1.343        | 0.000      |         |
| 8    | 2  | 4.391    | 0.053    | 4.391       | 4.339        | 0.000      |         |
| 8    | 3  | 6.801    | 0.058    | 6.801       | 6.744        | 0.000      |         |
| 9    | 1  | 3.562    | 0.053    | 3.562       | 3.509        | 0.000      |         |
| 9    | 2  | 3.470    | 0.053    | 3.470       | 3.418        | 0.000      |         |
| 9    | 3  | 3.634    | 0.053    | 3.634       | 3.581        | 0.000      |         |
| 10   | 1  | 1.990    | 0.053    | 1.990       | 1.937        | 0.000      |         |
| 10   | 2  | 1.872    | 0.053    | 1.872       | 1.819        | 0.000      |         |
| 10   | 3  | 3.207    | 0.058    | 3.207       | 3.150        | 0.000      |         |
| 11   | 1  | 4.674    | 0.053    | 4.674       | 4.622        | 0.000      |         |
| 11   | 2  | 3.194    | 0.053    | 3.194       | 3.141        | 0.000      |         |
| 11   | 3  | 2.786    | 0.053    | 2.786       | 2.734        | 0.000      |         |
| 12   | 1  | 3.343    | 0.884    | 3.343       | 2.459        | 0.000      |         |
| 12   | 2  | 3.694    | 0.884    | 3.694       | 2.810        | 0.000      |         |
| 12   | 3  | 3.220    | 0.972    | 3.220       | 2.248        | 0.000      |         |
| Tot  | al | 82.629   | 24.720   | 82.629      | 60.118       | 2.209      |         |

| 1988 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.555                | 0.964       | 2.101        | 0.591      | 0.000   |
| 1    | 2  | 1.486                | 0.964       | 2.171        | 0.546      | 0.024   |
| 1    | 3  | 1.837                | 1.061       | 2.613        | 0.776      | 0.000   |
| 2    | 1  | 3.061                | 1.063       | 3.923        | 1.998      | 0.000   |
| 2    | 2  | 3.183                | 1.063       | 3.836        | 2.120      | 0.000   |
| 2    | 3  | 2.702                | 0.851       | 3.316        | 1.852      | 0.000   |
| 3    | 1  | 3.013                | 0.964       | 3.750        | 2.049      | 0.000   |
| 3    | 2  | 4.878                | 0.964       | 5.662        | 3.914      | 0.000   |
| 3    | 3  | 8.168                | 1.061       | 9.031        | 7.108      | 0.000   |
| 4    | 1  | 4.322                | 1.295       | 5.291        | 3.027      | 0.000   |
| 4    | 2  | 3.729                | 1.295       | 4.698        | 2.434      | 0.000   |
| 4    | 3  | 2.704                | 1.295       | 3.673        | 1.408      | 0.000   |
| 5    | 1  | 2.218                | 1.255       | 3.039        | 0.963      | 0.000   |
| 5    | 2  | 2.145                | 1.255       | 2.846        | 0.890      | 0.000   |
| 5    | 3  | 2.260                | 1.380       | 3.095        | 0.880      | 0.000   |
| 6    | 1  | 1.714                | 1.295       | 2.683        | 0.546      | 0.127   |
| 6    | 2  | 1.453                | 1.295       | 2.203        | 0.546      | 0.388   |
| 6    | 3  | 1.333                | 1.295       | 2.109        | 0.546      | 0.508   |
| 7    | 1  | 1.238                | 1.255       | 2.116        | 0.546      | 0.563   |
| 7    | 2  | 1.138                | 1.255       | 1.918        | 0.546      | 0.663   |
| 7    | 3  | 1.537                | 1.380       | 2.570        | 0.601      | 0.444   |
| 8    | 1  | 1.886                | 1.003       | 1.939        | 0.883      | 0.000   |
| 8    | 2  | 4.854                | 1.003       | 4.906        | 3.851      | 0.000   |
| 8    | 3  | 7.351                | 1.104       | 7.408        | 6.247      | 0.000   |
| 9    | 1  | 4.060                | 0.041       | 4.113        | 4.019      | 0.000   |
| 9    | 2  | 3.851                | 0.041       | 3.903        | 3.810      | 0.000   |
| 9    | 3  | 4.101                | 0.041       | 4.153        | 4.060      | 0.000   |
| 10   | 1  | 2.381                | 0.041       | 2.433        | 2.340      | 0.000   |
| 10   | 2  | 2.599                | 0.041       | 2.652        | 2.558      | 0.000   |
| 10   | 3  | 4.657                | 0.045       | 4.715        | 4.612      | 0.000   |
| 11   | 1  | 5.983                | 0.781       | 6.035        | 5.202      | 0.000   |
| 11   | 2  | 4.416                | 0.781       | 4.468        | 3.635      | 0.000   |
| 11   | 3  | 4.504                | 0.781       | 4.557        | 3.724      | 0.000   |
| 12   | 1  | 4.693                | 0.964       | 5.477        | 3.729      | 0.000   |
| 12   | 2  | 5.046                | 0.964       | 5.829        | 4.081      | 0.000   |
| 12   | 3  | 4.685                | 1.061       | 5.547        | 3.624      | 0.000   |
| Tot  | al | 120.742              | 33.201      | 140.782      | 90.259     | 2.718   |

  

| 1988 | L. | Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|------------------|-------------|--------------|------------|---------|
| 1    | 1  | 10.313           | 0.914       | 15.159       | 9.399      | 0.000   |
| 1    | 2  | 14.724           | 0.914       | 19.959       | 13.810     | 0.000   |
| 1    | 3  | 15.920           | 1.005       | 21.778       | 14.915     | 0.000   |
| 2    | 1  | 18.001           | 0.980       | 23.813       | 17.021     | 0.000   |
| 2    | 2  | 22.688           | 0.980       | 28.191       | 21.709     | 0.000   |
| 2    | 3  | 22.358           | 0.784       | 26.917       | 21.574     | 0.000   |
| 3    | 1  | 29.304           | 0.914       | 34.702       | 28.391     | 0.000   |
| 3    | 2  | 34.052           | 0.914       | 39.545       | 33.138     | 0.000   |
| 3    | 3  | 35.492           | 1.005       | 41.493       | 34.487     | 0.000   |
| 4    | 1  | 20.170           | 1.168       | 26.164       | 19.002     | 0.000   |
| 4    | 2  | 24.606           | 1.168       | 30.632       | 23.438     | 0.000   |
| 4    | 3  | 17.513           | 1.168       | 23.439       | 16.345     | 0.000   |
| 5    | 1  | 15.676           | 1.139       | 21.411       | 14.537     | 0.000   |
| 5    | 2  | 20.648           | 1.139       | 26.429       | 19.508     | 0.000   |
| 5    | 3  | 14.587           | 1.253       | 20.792       | 13.333     | 0.000   |
| 6    | 1  | 10.248           | 1.168       | 16.012       | 9.081      | 0.000   |
| 6    | 2  | 8.088            | 1.168       | 13.343       | 6.920      | 0.000   |
| 6    | 3  | 6.899            | 1.168       | 11.987       | 5.731      | 0.000   |
| 7    | 1  | 6.257            | 1.139       | 11.208       | 5.118      | 0.000   |
| 7    | 2  | 5.998            | 1.139       | 10.677       | 4.858      | 0.000   |
| 7    | 3  | 8.509            | 1.253       | 14.529       | 7.256      | 0.000   |
| 8    | 1  | 9.377            | 1.128       | 13.440       | 8.248      | 0.000   |
| 8    | 2  | 16.437           | 1.128       | 20.687       | 15.309     | 0.000   |
| 8    | 3  | 19.608           | 1.241       | 24.084       | 18.367     | 0.000   |
| 9    | 1  | 19.347           | 0.298       | 19.986       | 19.049     | 0.000   |
| 9    | 2  | 20.551           | 0.298       | 21.216       | 20.252     | 0.000   |
| 9    | 3  | 17.841           | 0.298       | 18.524       | 17.542     | 0.000   |
| 10   | 1  | 17.361           | 0.298       | 18.142       | 17.063     | 0.000   |
| 10   | 2  | 17.746           | 0.298       | 18.577       | 17.448     | 0.000   |
| 10   | 3  | 24.859           | 0.328       | 25.741       | 24.531     | 0.000   |
| 11   | 1  | 25.436           | 0.925       | 29.427       | 24.511     | 0.000   |
| 11   | 2  | 22.156           | 0.925       | 26.090       | 21.232     | 0.000   |
| 11   | 3  | 20.420           | 0.925       | 24.469       | 19.496     | 0.000   |
| 12   | 1  | 19.129           | 0.914       | 24.363       | 18.215     | 0.000   |
| 12   | 2  | 18.518           | 0.914       | 23.798       | 17.605     | 0.000   |
| 12   | 3  | 15.760           | 1.005       | 21.414       | 14.755     | 0.000   |
| Tot  | al | 646.598          | 33.401      | 808.138      | 613.197    | 0.000   |

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| 1988 | Mu | si Mouth | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 11.946   | 0.491     | 17.706       | 11.552     | 0.000   |
| 1    | 2  |          | 16.112   | 0.491     | 22.261       | 15.719     | 0.000   |
| 1    | 3  |          | 18.619   | 0.540     | 25.482       | 18.186     | 0.000   |
| 2    | 1  |          | 21.479   | 0.543     | 28.271       | 21.043     | 0.000   |
| 2    | 2  |          | 25.112   | 0.543     | 31.594       | 24.677     | 0.000   |
| 2    | 3  |          | 24.179   | 0.434     | 29.522       | 23.831     | 0.000   |
| 3    | 1  |          | 32.069   | 0.491     | 38.380       | 31.675     | 0.000   |
| 3    | 2  |          | 38.551   | 0.491     | 44.958       | 38.157     | 0.000   |
| 3    | 3  |          | 39.994   | 0.540     | 47.000       | 39.561     | 0.000   |
| 4    | 1  |          | 22.724   | 0.705     | 29.886       | 22.159     | 0.000   |
| 4    | 2  |          | 26.630   | 0.705     | 33.824       | 26.065     | 0.000   |
| 4    | 3  |          | 19.258   | 0.705     | 26.352       | 18.693     | 0.000   |
| 5    | 1  |          | 17.456   | 0.683     | 24.330       | 16.909     | 0.000   |
| 5    | 2  |          | 21.743   | 0.683     | 28.664       | 21.196     | 0.000   |
| 5    | 3  |          | 15.578   | 0.751     | 23.037       | 14.976     | 0.000   |
| 6    | 1  |          | 10.746   | 0.705     | 17.677       | 10.181     | 0.000   |
| 6    | 2  |          | 8.423    | 0.705     | 14.845       | 7.857      | 0.000   |
| 6    | 3  |          | 7.130    | 0.705     | 13.385       | 6.564      | 0.000   |
| 7    | 1  |          | 6.334    | 0.683     | 12.424       | 5.787      | 0.000   |
| 7    | 2  |          | 5.949    | 0.683     | 11.767       | 5.401      | 0.000   |
| 7    | 3  |          | 8.377    | 0.751     | 15.650       | 7.775      | 0.000   |
| 8    | 1  |          | 9.127    | 0.671     | 14.319       | 8.589      | 0.000   |
| 8    | 2  |          | 16.133   | 0.671     | 21.511       | 15.595     | 0.000   |
| 8    | 3  |          | 19.261   | 0.738     | 24.978       | 18.668     | 0.000   |
| 9    | 1  |          | 19.729   | 0.007     | 20.666       | 19.722     | 0.000   |
| 9    | 2  |          | 20.858   | 0.007     | 21.823       | 20.852     | 0.000   |
| 9    | 3  |          | 18.306   | 0.007     | 19.288       | 18.299     | 0.000   |
| 10   | 1  |          | 17.764   | 0.007     | 18.843       | 17.757     | 0.000   |
| 10   | 2  |          | 18.248   | 0.007     | 19.377       | 18.241     | 0.000   |
| 10   | 3  |          | 26.502   | 0.007     | 27.711       | 26.494     | 0.000   |
| 11   | 1  |          | 26.913   | 0.497     | 31.829       | 26.514     | 0.000   |
| 11   | 2  |          | 23.837   | 0.497     | 28.695       | 23.438     | 0.000   |
| 11   | 3  |          | 22.470   | 0.497     | 27.444       | 22.071     | 0.000   |
| 12   | 1  |          | 21.388   | 0.491     | 27.535       | 20.994     | 0.000   |
| 12   | 2  |          | 20.248   | 0.491     | 26.442       | 19.854     | 0.000   |
| 12   | 3  |          | 16.970   | 0.540     | 23.630       | 16.537     | 0.000   |
| Tot  | al |          | 696.164  | 18.159    | 891.105      | 681.588    | 0.000   |
|      |    |          |          |           |              |            |         |
| 1989 |    | U. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 7.577    | 1.348     | 7.509        | 6.292      | 0.000   |
| 1    | 2  |          | 9.855    | 1.348     | 9.787        | 8.570      | 0.000   |
| 1    | 3  |          | 3.975    | 1.247     | 3.900        | 2.798      | 0.000   |
| 2    | 1  |          | 4.716    | 1.251     | 4.641        | 3.535      | 0.000   |
| 2    | 2  |          | 4.461    | 1.303     | 4.386        | 3.228      | 0.000   |
| 2    | 3  |          | 4.081    | 1.135     | 4.021        | 3.003      | 0.000   |
| 3    | 1  |          | 3.986    | 1.216     | 3.919        | 2.834      | 0.000   |
| 3    | 2  |          | 2.530    | 0.988     | 2.463        | 1.606      | 0.000   |
| 3    | 3  |          | 8.947    | 1.483     | 8.872        | 7.534      | 0.000   |
| 4    | 1  |          | 9.503    | 1.514     | 9.418        | 8.068      | 0.000   |
| 4    | 2  |          | 3.060    | 1.179     | 2.976        | 1.961      | 0.000   |
| 4    | 3  |          | 2.452    | 1.126     | 2.367        | 1.405      | 0.000   |
| 5    | 1  |          | 2.781    | 1.152     | 2.699        | 1.706      | 0.000   |
| 5    | 2  |          | 3.414    | 1.193     | 3.332        | 2.297      | 0.000   |
| 5    | 3  |          | 5.665    | 1.418     | 5.575        | 4.331      | 0.000   |
| 6    | 1  |          | 3.628    | 1.225     | 3.543        | 2.482      | 0.000   |
| 6    | 2  |          | 3.465    | 1.248     | 3.380        | 2.297      | 0.000   |
| 6    | 3  |          | 3.295    | 1.215     | 3.210        | 2.159      | 0.000   |
| 7    | 1  |          | 3.371    | 1.281     | 3.289        | 2.167      | 0.000   |
| 7    | 2  |          | 4.916    | 1.379     | 4.834        | 3.614      | 0.000   |
| 7    | 3  |          | 2.277    | 1.162     | 2.186        | 1.200      | 0.000   |
| 8    | 1  |          | 1.911    | 0.960     | 1.845        | 1.028      | 0.000   |
| 8    | 2  |          | 2.061    | 0.980     | 1.995        | 1.158      | 0.000   |
| 8    | 3  |          | 2.304    | 1.086     | 2.231        | 1.303      | 0.000   |
| 9    | 1  |          | 2.990    | 0.462     | 2.990        | 2.528      | 0.000   |
| 9    | 2  |          | 3.405    | 0.399     | 3.405        | 3.005      | 0.000   |
| 9    | 3  |          | 4.352    | 0.624     | 4.352        | 3.728      | 0.000   |
| 10   | 1  |          | 5.938    | 0.658     | 5.938        | 5.279      | 0.000   |
| 10   | 2  |          | 6.607    | 0.692     | 6.607        | 5.915      | 0.000   |
| 10   | 3  |          | 7.387    | 0.762     | 7.387        | 6.626      | 0.000   |
| 11   | 1  |          | 5.843    | 1.169     | 5.787        | 4.739      | 0.000   |
| 11   | 2  |          | 6.414    | 1.302     | 6.358        | 5.178      | 0.000   |
| 11   | 3  |          | 6.600    | 1.302     | 6.544        | 5.364      | 0.000   |
| 12   | 1  |          | 7.171    | 1.348     | 7.104        | 5.887      | 0.000   |
| 12   | 2  |          | 4.645    | 1.153     | 4.577        | 3.556      | 0.000   |
| 12   | 3  |          | 9.794    | 1.483     | 9.720        | 8.381      | 0.000   |
| Tot  | al |          | 175.375  | 40.791    | 173.144      | 136.761    | 0.000   |

| 1989 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 0.492    | 0.295     | 0.492        | 0.197      | 0.000   |
| 1    | 2  |         | 0.916    | 0.295     | 0.916        | 0.621      | 0.000   |
| 1    | 3  |         | 1.634    | 0.325     | 1.634        | 1.309      | 0.000   |
| 2    | 1  |         | 0.870    | 0.325     | 0.870        | 0.545      | 0.000   |
| 2    | 2  |         | 0.664    | 0.325     | 0.664        | 0.339      | 0.000   |
| 2    | 3  |         | 0.632    | 0.260     | 0.632        | 0.372      | 0.000   |
| 3    | 1  |         | 0.935    | 0.295     | 0.935        | 0.640      | 0.000   |
| 3    | 2  |         | 0.819    | 0.295     | 0.819        | 0.524      | 0.000   |
| 3    | 3  |         | 0.941    | 0.325     | 0.941        | 0.616      | 0.000   |
| 4    | 1  |         | 1.342    | 0.365     | 1.342        | 0.977      | 0.000   |
| 4    | 2  |         | 1.185    | 0.365     | 1.185        | 0.819      | 0.000   |
| 4    | 3  |         | 0.894    | 0.365     | 0.894        | 0.529      | 0.000   |
| 5    | 1  |         | 0.903    | 0.354     | 0.903        | 0.548      | 0.000   |
| 5    | 2  |         | 1.127    | 0.354     | 1.127        | 0.773      | 0.000   |
| 5    | 3  |         | 0.988    | 0.390     | 0.988        | 0.598      | 0.000   |
| 6    | 1  |         | 0.752    | 0.365     | 0.752        | 0.387      | 0.000   |
| 6    | 2  |         | 0.813    | 0.365     | 0.813        | 0.448      | 0.000   |
| 6    | 3  |         | 0.710    | 0.365     | 0.710        | 0.345      | 0.000   |
| 7    | 1  |         | 0.743    | 0.354     | 0.743        | 0.388      | 0.000   |
| 7    | 2  |         | 0.699    | 0.354     | 0.699        | 0.345      | 0.000   |
| 7    | 3  |         | 0.687    | 0.390     | 0.687        | 0.297      | 0.000   |
| 8    | 1  |         | 0.525    | 0.192     | 0.525        | 0.333      | 0.000   |
| 8    | 2  |         | 0.496    | 0.192     | 0.496        | 0.304      | 0.000   |
| 8    | 3  |         | 0.554    | 0.211     | 0.554        | 0.343      | 0.000   |
| 9    | 1  |         | 0.616    | 0.019     | 0.616        | 0.597      | 0.000   |
| 9    | 2  |         | 0.541    | 0.019     | 0.541        | 0.522      | 0.000   |
| 9    | 3  |         | 0.482    | 0.019     | 0.482        | 0.463      | 0.000   |
| 10   | 1  |         | 0.558    | 0.019     | 0.558        | 0.539      | 0.000   |
| 10   | 2  |         | 0.612    | 0.019     | 0.612        | 0.593      | 0.000   |
| 10   | 3  |         | 0.726    | 0.021     | 0.726        | 0.706      | 0.000   |
| 11   | 1  |         | 0.595    | 0.166     | 0.595        | 0.429      | 0.000   |
| 11   | 2  |         | 0.587    | 0.166     | 0.587        | 0.421      | 0.000   |
| 11   | 3  |         | 0.737    | 0.166     | 0.737        | 0.571      | 0.000   |
| 12   | 1  |         | 1.208    | 0.295     | 1.208        | 0.912      | 0.000   |
| 12   | 2  |         | 1.243    | 0.295     | 1.243        | 0.948      | 0.000   |
| 12   | 3  |         | 1.081    | 0.325     | 1.081        | 0.756      | 0.000   |
| Tot  | al |         | 29.306   | 9.252     | 29.306       | 20.053     | 0.000   |

| 1989 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.471    | 0.211     | 0.471        | 0.260      | 0.000   |
| 1    | 2  |          | 0.586    | 0.211     | 0.586        | 0.375      | 0.000   |
| 1    | 3  |          | 1.081    | 0.233     | 1.081        | 0.849      | 0.000   |
| 2    | 1  |          | 0.711    | 0.234     | 0.711        | 0.477      | 0.000   |
| 2    | 2  |          | 0.590    | 0.234     | 0.590        | 0.357      | 0.000   |
| 2    | 3  |          | 0.561    | 0.187     | 0.561        | 0.374      | 0.000   |
| 3    | 1  |          | 0.822    | 0.211     | 0.822        | 0.611      | 0.000   |
| 3    | 2  |          | 0.758    | 0.211     | 0.758        | 0.546      | 0.000   |
| 3    | 3  |          | 0.856    | 0.233     | 0.856        | 0.623      | 0.000   |
| 4    | 1  |          | 1.044    | 0.265     | 1.044        | 0.779      | 0.000   |
| 4    | 2  |          | 0.862    | 0.265     | 0.862        | 0.597      | 0.000   |
| 4    | 3  |          | 0.765    | 0.265     | 0.765        | 0.500      | 0.000   |
| 5    | 1  |          | 0.785    | 0.257     | 0.785        | 0.528      | 0.000   |
| 5    | 2  |          | 0.929    | 0.257     | 0.929        | 0.672      | 0.000   |
| 5    | 3  |          | 0.868    | 0.282     | 0.868        | 0.585      | 0.000   |
| 6    | 1  |          | 0.647    | 0.265     | 0.647        | 0.382      | 0.000   |
| 6    | 2  |          | 0.643    | 0.265     | 0.643        | 0.378      | 0.000   |
| 6    | 3  |          | 0.599    | 0.265     | 0.599        | 0.334      | 0.000   |
| 7    | 1  |          | 0.637    | 0.257     | 0.637        | 0.381      | 0.000   |
| 7    | 2  |          | 0.614    | 0.257     | 0.614        | 0.358      | 0.000   |
| 7    | 3  |          | 0.607    | 0.282     | 0.607        | 0.324      | 0.000   |
| 8    | 1  |          | 0.474    | 0.229     | 0.474        | 0.245      | 0.000   |
| 8    | 2  |          | 0.438    | 0.229     | 0.438        | 0.209      | 0.000   |
| 8    | 3  |          | 0.483    | 0.252     | 0.483        | 0.231      | 0.000   |
| 9    | 1  |          | 0.510    | 0.006     | 0.510        | 0.504      | 0.000   |
| 9    | 2  |          | 0.461    | 0.006     | 0.461        | 0.455      | 0.000   |
| 9    | 3  |          | 0.423    | 0.006     | 0.423        | 0.418      | 0.000   |
| 10   | 1  |          | 0.458    | 0.006     | 0.458        | 0.453      | 0.000   |
| 10   | 2  |          | 0.467    | 0.006     | 0.467        | 0.461      | 0.000   |
| 10   | 3  |          | 0.482    | 0.006     | 0.482        | 0.475      | 0.000   |
| 11   | 1  |          | 0.381    | 0.195     | 0.381        | 0.187      | 0.000   |
| 11   | 2  |          | 0.382    | 0.195     | 0.382        | 0.187      | 0.000   |
| 11   | 3  |          | 0.433    | 0.195     | 0.433        | 0.238      | 0.000   |
| 12   | 1  |          | 0.677    | 0.211     | 0.677        | 0.465      | 0.000   |
| 12   | 2  |          | 0.744    | 0.211     | 0.744        | 0.532      | 0.000   |
| 12   | 3  |          | 0.757    | 0.233     | 0.757        | 0.525      | 0.000   |
| Tot  | al |          | 23.005   | 7.132     | 23.005       | 15.873     | 0.000   |

| 1989 | U. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.535               | 0.315       | 0.535        | 0.220      | 0.000   |
| 1    | 2  | 0.755               | 0.315       | 0.755        | 0.440      | 0.000   |
| 1    | 3  | 1.424               | 0.347       | 1.424        | 1.078      | 0.000   |
| 2    | 1  | 0.727               | 0.348       | 0.727        | 0.379      | 0.000   |
| 2    | 2  | 0.665               | 0.348       | 0.665        | 0.317      | 0.000   |
| 2    | 3  | 0.856               | 0.278       | 0.856        | 0.578      | 0.000   |
| 3    | 1  | 1.176               | 0.315       | 1.176        | 0.861      | 0.000   |
| 3    | 2  | 1.032               | 0.315       | 1.032        | 0.717      | 0.000   |
| 3    | 3  | 1.189               | 0.347       | 1.189        | 0.842      | 0.000   |
| 4    | 1  | 1.462               | 0.393       | 1.462        | 1.069      | 0.000   |
| 4    | 2  | 0.993               | 0.393       | 0.993        | 0.601      | 0.000   |
| 4    | 3  | 0.871               | 0.393       | 0.871        | 0.478      | 0.000   |
| 5    | 1  | 1.022               | 0.380       | 1.022        | 0.642      | 0.000   |
| 5    | 2  | 1.292               | 0.380       | 1.292        | 0.911      | 0.000   |
| 5    | 3  | 0.957               | 0.418       | 0.957        | 0.539      | 0.000   |
| 6    | 1  | 0.702               | 0.393       | 0.702        | 0.310      | 0.000   |
| 6    | 2  | 0.748               | 0.393       | 0.748        | 0.355      | 0.000   |
| 6    | 3  | 0.683               | 0.393       | 0.683        | 0.290      | 0.000   |
| 7    | 1  | 0.779               | 0.380       | 0.779        | 0.398      | 0.000   |
| 7    | 2  | 0.718               | 0.380       | 0.718        | 0.338      | 0.000   |
| 7    | 3  | 0.690               | 0.418       | 0.690        | 0.271      | 0.000   |
| 8    | 1  | 0.538               | 0.157       | 0.538        | 0.380      | 0.000   |
| 8    | 2  | 0.529               | 0.157       | 0.529        | 0.371      | 0.000   |
| 8    | 3  | 0.592               | 0.173       | 0.592        | 0.419      | 0.000   |
| 9    | 1  | 0.665               | 0.008       | 0.665        | 0.656      | 0.000   |
| 9    | 2  | 0.556               | 0.008       | 0.556        | 0.548      | 0.000   |
| 9    | 3  | 0.534               | 0.008       | 0.534        | 0.525      | 0.000   |
| 10   | 1  | 0.624               | 0.008       | 0.624        | 0.615      | 0.000   |
| 10   | 2  | 0.634               | 0.008       | 0.634        | 0.626      | 0.000   |
| 10   | 3  | 0.690               | 0.009       | 0.690        | 0.681      | 0.000   |
| 11   | 1  | 0.505               | 0.135       | 0.505        | 0.370      | 0.000   |
| 11   | 2  | 0.515               | 0.135       | 0.515        | 0.380      | 0.000   |
| 11   | 3  | 0.632               | 0.135       | 0.632        | 0.496      | 0.000   |
| 12   | 1  | 1.229               | 0.315       | 1.229        | 0.914      | 0.000   |
| 12   | 2  | 0.973               | 0.315       | 0.973        | 0.657      | 0.000   |
| 12   | 3  | 0.970               | 0.347       | 0.970        | 0.624      | 0.000   |
| Tot  | al | 29.460              | 9.563       | 29.460       | 19.897     | 0.000   |

  

| 1989 | L. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.395               | 0.038       | 0.649        | 0.357      | 0.000   |
| 1    | 2  | 0.645               | 0.038       | 0.899        | 0.608      | 0.000   |
| 1    | 3  | 1.417               | 0.041       | 1.696        | 1.376      | 0.000   |
| 2    | 1  | 0.620               | 0.041       | 0.900        | 0.579      | 0.000   |
| 2    | 2  | 0.526               | 0.041       | 0.807        | 0.486      | 0.000   |
| 2    | 3  | 0.770               | 0.033       | 0.994        | 0.737      | 0.000   |
| 3    | 1  | 1.132               | 0.038       | 1.385        | 1.094      | 0.000   |
| 3    | 2  | 0.965               | 0.038       | 1.219        | 0.928      | 0.000   |
| 3    | 3  | 1.118               | 0.041       | 1.397        | 1.076      | 0.000   |
| 4    | 1  | 1.406               | 0.046       | 1.722        | 1.361      | 0.000   |
| 4    | 2  | 0.889               | 0.046       | 1.204        | 0.843      | 0.000   |
| 4    | 3  | 0.738               | 0.046       | 1.054        | 0.693      | 0.000   |
| 5    | 1  | 0.906               | 0.044       | 1.212        | 0.862      | 0.000   |
| 5    | 2  | 1.223               | 0.044       | 1.529        | 1.179      | 0.000   |
| 5    | 3  | 0.831               | 0.049       | 1.168        | 0.783      | 0.000   |
| 6    | 1  | 0.540               | 0.046       | 0.856        | 0.495      | 0.000   |
| 6    | 2  | 0.585               | 0.046       | 0.900        | 0.539      | 0.000   |
| 6    | 3  | 0.510               | 0.046       | 0.826        | 0.464      | 0.000   |
| 7    | 1  | 0.626               | 0.044       | 0.932        | 0.582      | 0.000   |
| 7    | 2  | 0.560               | 0.044       | 0.866        | 0.516      | 0.000   |
| 7    | 3  | 0.500               | 0.049       | 0.836        | 0.451      | 0.000   |
| 8    | 1  | 0.525               | 0.037       | 0.653        | 0.488      | 0.000   |
| 8    | 2  | 0.508               | 0.037       | 0.636        | 0.472      | 0.000   |
| 8    | 3  | 0.571               | 0.040       | 0.712        | 0.531      | 0.000   |
| 9    | 1  | 0.783               | 0.006       | 0.791        | 0.777      | 0.000   |
| 9    | 2  | 0.663               | 0.006       | 0.671        | 0.657      | 0.000   |
| 9    | 3  | 0.631               | 0.006       | 0.640        | 0.625      | 0.000   |
| 10   | 1  | 0.731               | 0.006       | 0.739        | 0.725      | 0.000   |
| 10   | 2  | 0.744               | 0.006       | 0.753        | 0.738      | 0.000   |
| 10   | 3  | 0.804               | 0.006       | 0.813        | 0.798      | 0.000   |
| 11   | 1  | 0.494               | 0.032       | 0.604        | 0.462      | 0.000   |
| 11   | 2  | 0.504               | 0.032       | 0.614        | 0.472      | 0.000   |
| 11   | 3  | 0.634               | 0.032       | 0.744        | 0.602      | 0.000   |
| 12   | 1  | 1.159               | 0.038       | 1.412        | 1.121      | 0.000   |
| 12   | 2  | 0.917               | 0.038       | 1.171        | 0.879      | 0.000   |
| 12   | 3  | 0.883               | 0.041       | 1.162        | 0.841      | 0.000   |
| Tot  | al | 27.454              | 1.256       | 35.165       | 26.198     | 0.000   |

| 1989 |    | M. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 7.742    | 0.072     | 9.640        | 7.670      | 0.000   |
| 1    | 2  |          | 11.295   | 0.072     | 13.193       | 11.223     | 0.000   |
| 1    | 3  |          | 7.495    | 0.079     | 9.348        | 7.416      | 0.000   |
| 2    | 1  |          | 5.878    | 0.079     | 7.734        | 5.798      | 0.000   |
| 2    | 2  |          | 5.157    | 0.079     | 7.066        | 5.078      | 0.000   |
| 2    | 3  |          | 5.100    | 0.063     | 6.719        | 5.037      | 0.000   |
| 3    | 1  |          | 6.033    | 0.072     | 7.799        | 5.961      | 0.000   |
| 3    | 2  |          | 4.307    | 0.072     | 5.845        | 4.235      | 0.000   |
| 3    | 3  |          | 10.658   | 0.079     | 12.747       | 10.579     | 0.000   |
| 4    | 1  |          | 12.080   | 0.089     | 14.276       | 11.991     | 0.000   |
| 4    | 2  |          | 5.152    | 0.089     | 7.013        | 5.063      | 0.000   |
| 4    | 3  |          | 3.768    | 0.089     | 5.575        | 3.678      | 0.000   |
| 5    | 1  |          | 4.212    | 0.086     | 6.025        | 4.126      | 0.000   |
| 5    | 2  |          | 5.531    | 0.086     | 7.385        | 5.445      | 0.000   |
| 5    | 3  |          | 6.945    | 0.095     | 9.090        | 6.850      | 0.000   |
| 6    | 1  |          | 4.372    | 0.089     | 6.278        | 4.282      | 0.000   |
| 6    | 2  |          | 4.215    | 0.089     | 6.144        | 4.125      | 0.000   |
| 6    | 3  |          | 3.771    | 0.089     | 5.668        | 3.682      | 0.000   |
| 7    | 1  |          | 3.937    | 0.086     | 5.878        | 3.851      | 0.000   |
| 7    | 2  |          | 5.259    | 0.086     | 7.299        | 5.173      | 0.000   |
| 7    | 3  |          | 2.714    | 0.095     | 4.602        | 2.619      | 0.000   |
| 8    | 1  |          | 2.411    | 0.070     | 3.714        | 2.341      | 0.000   |
| 8    | 2  |          | 2.444    | 0.070     | 3.767        | 2.374      | 0.000   |
| 8    | 3  |          | 2.728    | 0.077     | 4.191        | 2.651      | 0.000   |
| 9    | 1  |          | 4.618    | 0.004     | 5.119        | 4.614      | 0.000   |
| 9    | 2  |          | 4.848    | 0.004     | 5.286        | 4.844      | 0.000   |
| 9    | 3  |          | 5.526    | 0.004     | 6.188        | 5.522      | 0.000   |
| 10   | 1  |          | 7.354    | 0.004     | 8.051        | 7.350      | 0.000   |
| 10   | 2  |          | 8.143    | 0.004     | 8.874        | 8.139      | 0.000   |
| 10   | 3  |          | 9.405    | 0.005     | 10.209       | 9.401      | 0.000   |
| 11   | 1  |          | 6.584    | 0.060     | 8.050        | 6.523      | 0.000   |
| 11   | 2  |          | 7.106    | 0.060     | 8.705        | 7.046      | 0.000   |
| 11   | 3  |          | 7.797    | 0.060     | 9.396        | 7.737      | 0.000   |
| 12   | 1  |          | 9.303    | 0.072     | 11.202       | 9.231      | 0.000   |
| 12   | 2  |          | 6.685    | 0.072     | 8.388        | 6.613      | 0.000   |
| 12   | 3  |          | 11.190   | 0.079     | 13.278       | 11.110     | 0.000   |
| Tot  | al |          | 221.764  | 2.386     | 279.744      | 219.377    | 0.000   |
|      |    |          |          |           |              |            |         |
| 1989 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 1.722    | 0.242     | 1.722        | 1.480      | 0.000   |
| 1    | 2  |          | 3.477    | 0.242     | 3.477        | 3.235      | 0.000   |
| 1    | 3  |          | 3.524    | 0.267     | 3.524        | 3.258      | 0.000   |
| 2    | 1  |          | 3.413    | 0.268     | 3.413        | 3.145      | 0.000   |
| 2    | 2  |          | 2.808    | 0.268     | 2.808        | 2.540      | 0.000   |
| 2    | 3  |          | 2.981    | 0.214     | 2.981        | 2.767      | 0.000   |
| 3    | 1  |          | 5.845    | 0.242     | 5.845        | 5.602      | 0.000   |
| 3    | 2  |          | 3.568    | 0.242     | 3.568        | 3.326      | 0.000   |
| 3    | 3  |          | 4.491    | 0.267     | 4.491        | 4.224      | 0.000   |
| 4    | 1  |          | 3.735    | 0.302     | 3.735        | 3.432      | 0.000   |
| 4    | 2  |          | 3.555    | 0.302     | 3.555        | 3.253      | 0.000   |
| 4    | 3  |          | 6.996    | 0.302     | 6.996        | 6.693      | 0.000   |
| 5    | 1  |          | 3.242    | 0.293     | 3.242        | 2.949      | 0.000   |
| 5    | 2  |          | 2.918    | 0.293     | 2.918        | 2.625      | 0.000   |
| 5    | 3  |          | 2.864    | 0.322     | 2.864        | 2.542      | 0.000   |
| 6    | 1  |          | 2.604    | 0.302     | 2.604        | 2.301      | 0.000   |
| 6    | 2  |          | 2.147    | 0.302     | 2.147        | 1.845      | 0.000   |
| 6    | 3  |          | 2.006    | 0.302     | 2.006        | 1.703      | 0.000   |
| 7    | 1  |          | 1.735    | 0.293     | 1.735        | 1.443      | 0.000   |
| 7    | 2  |          | 1.749    | 0.293     | 1.749        | 1.457      | 0.000   |
| 7    | 3  |          | 2.104    | 0.322     | 2.104        | 1.782      | 0.000   |
| 8    | 1  |          | 2.349    | 0.236     | 2.349        | 2.114      | 0.000   |
| 8    | 2  |          | 1.789    | 0.236     | 1.789        | 1.554      | 0.000   |
| 8    | 3  |          | 1.816    | 0.259     | 1.816        | 1.557      | 0.000   |
| 9    | 1  |          | 1.352    | 0.005     | 1.352        | 1.347      | 0.000   |
| 9    | 2  |          | 1.224    | 0.005     | 1.224        | 1.220      | 0.000   |
| 9    | 3  |          | 2.630    | 0.005     | 2.630        | 2.625      | 0.000   |
| 10   | 1  |          | 5.101    | 0.005     | 5.101        | 5.097      | 0.000   |
| 10   | 2  |          | 4.043    | 0.005     | 4.043        | 4.038      | 0.000   |
| 10   | 3  |          | 3.863    | 0.005     | 3.863        | 3.858      | 0.000   |
| 11   | 1  |          | 2.053    | 0.201     | 2.053        | 1.851      | 0.000   |
| 11   | 2  |          | 2.312    | 0.201     | 2.312        | 2.111      | 0.000   |
| 11   | 3  |          | 2.355    | 0.201     | 2.355        | 2.154      | 0.000   |
| 12   | 1  |          | 1.748    | 0.242     | 1.748        | 1.506      | 0.000   |
| 12   | 2  |          | 1.386    | 0.242     | 1.386        | 1.143      | 0.000   |
| 12   | 3  |          | 1.340    | 0.267     | 1.340        | 1.074      | 0.000   |
| Tot  | al |          | 102.845  | 7.995     | 102.845      | 94.850     | 0.000   |



| 1989 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 1.550    | 0.174     | 1.745        | 1.376      | 0.000   |
| 1    | 2  |          | 3.315    | 0.174     | 3.510        | 3.141      | 0.000   |
| 1    | 3  |          | 3.392    | 0.191     | 3.606        | 3.201      | 0.000   |
| 2    | 1  |          | 3.248    | 0.192     | 3.464        | 3.056      | 0.000   |
| 2    | 2  |          | 2.623    | 0.192     | 2.838        | 2.431      | 0.000   |
| 2    | 3  |          | 2.852    | 0.154     | 3.024        | 2.698      | 0.000   |
| 3    | 1  |          | 5.728    | 0.174     | 5.923        | 5.554      | 0.000   |
| 3    | 2  |          | 3.433    | 0.174     | 3.628        | 3.259      | 0.000   |
| 3    | 3  |          | 4.331    | 0.191     | 4.545        | 4.140      | 0.000   |
| 4    | 1  |          | 3.632    | 0.219     | 3.875        | 3.413      | 0.000   |
| 4    | 2  |          | 3.527    | 0.219     | 3.770        | 3.307      | 0.000   |
| 4    | 3  |          | 6.910    | 0.219     | 7.153        | 6.691      | 0.000   |
| 5    | 1  |          | 3.131    | 0.212     | 3.366        | 2.919      | 0.000   |
| 5    | 2  |          | 2.785    | 0.212     | 3.020        | 2.573      | 0.000   |
| 5    | 3  |          | 2.706    | 0.234     | 2.965        | 2.473      | 0.000   |
| 6    | 1  |          | 2.470    | 0.219     | 2.713        | 2.251      | 0.000   |
| 6    | 2  |          | 1.982    | 0.219     | 2.225        | 1.763      | 0.000   |
| 6    | 3  |          | 1.824    | 0.219     | 2.067        | 1.605      | 0.000   |
| 7    | 1  |          | 1.554    | 0.212     | 1.789        | 1.341      | 0.000   |
| 7    | 2  |          | 1.565    | 0.212     | 1.800        | 1.352      | 0.000   |
| 7    | 3  |          | 1.896    | 0.234     | 2.155        | 1.662      | 0.000   |
| 8    | 1  |          | 2.198    | 0.174     | 2.388        | 2.024      | 0.000   |
| 8    | 2  |          | 1.640    | 0.174     | 1.830        | 1.466      | 0.000   |
| 8    | 3  |          | 1.642    | 0.192     | 1.850        | 1.450      | 0.000   |
| 9    | 1  |          | 1.373    | 0.005     | 1.378        | 1.368      | 0.000   |
| 9    | 2  |          | 1.250    | 0.005     | 1.255        | 1.245      | 0.000   |
| 9    | 3  |          | 2.653    | 0.005     | 2.657        | 2.648      | 0.000   |
| 10   | 1  |          | 5.164    | 0.005     | 5.169        | 5.159      | 0.000   |
| 10   | 2  |          | 4.240    | 0.005     | 4.245        | 4.235      | 0.000   |
| 10   | 3  |          | 4.313    | 0.006     | 4.318        | 4.308      | 0.000   |
| 11   | 1  |          | 2.273    | 0.147     | 2.435        | 2.125      | 0.000   |
| 11   | 2  |          | 2.529    | 0.147     | 2.691        | 2.382      | 0.000   |
| 11   | 3  |          | 2.588    | 0.147     | 2.750        | 2.441      | 0.000   |
| 12   | 1  |          | 1.932    | 0.174     | 2.127        | 1.758      | 0.000   |
| 12   | 2  |          | 1.469    | 0.174     | 1.664        | 1.295      | 0.000   |
| 12   | 3  |          | 1.374    | 0.191     | 1.588        | 1.182      | 0.000   |
| Tot  | al |          | 101.096  | 5.803     | 107.525      | 95.292     | 0.000   |
|      |    |          |          |           |              |            |         |
| 1989 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 1.794    | 0.328     | 1.794        | 1.466      | 0.000   |
| 1    | 2  |          | 3.065    | 0.328     | 3.065        | 2.737      | 0.000   |
| 1    | 3  |          | 4.163    | 0.361     | 4.163        | 3.802      | 0.000   |
| 2    | 1  |          | 3.425    | 0.363     | 3.425        | 3.063      | 0.000   |
| 2    | 2  |          | 3.142    | 0.363     | 3.142        | 2.779      | 0.000   |
| 2    | 3  |          | 2.593    | 0.290     | 2.593        | 2.303      | 0.000   |
| 3    | 1  |          | 5.681    | 0.328     | 5.681        | 5.353      | 0.000   |
| 3    | 2  |          | 4.369    | 0.328     | 4.369        | 4.041      | 0.000   |
| 3    | 3  |          | 4.232    | 0.361     | 4.232        | 3.871      | 0.000   |
| 4    | 1  |          | 4.162    | 0.470     | 4.162        | 3.692      | 0.000   |
| 4    | 2  |          | 3.905    | 0.470     | 3.905        | 3.435      | 0.000   |
| 4    | 3  |          | 6.291    | 0.470     | 6.291        | 5.821      | 0.000   |
| 5    | 1  |          | 4.434    | 0.455     | 4.434        | 3.979      | 0.000   |
| 5    | 2  |          | 3.322    | 0.455     | 3.322        | 2.867      | 0.000   |
| 5    | 3  |          | 3.215    | 0.501     | 3.215        | 2.715      | 0.000   |
| 6    | 1  |          | 2.777    | 0.470     | 2.777        | 2.307      | 0.000   |
| 6    | 2  |          | 2.471    | 0.470     | 2.471        | 2.001      | 0.000   |
| 6    | 3  |          | 2.281    | 0.470     | 2.281        | 1.811      | 0.000   |
| 7    | 1  |          | 2.003    | 0.455     | 2.003        | 1.548      | 0.000   |
| 7    | 2  |          | 1.951    | 0.455     | 1.951        | 1.496      | 0.000   |
| 7    | 3  |          | 2.270    | 0.501     | 2.270        | 1.769      | 0.000   |
| 8    | 1  |          | 2.493    | 0.451     | 2.493        | 2.041      | 0.000   |
| 8    | 2  |          | 2.076    | 0.451     | 2.076        | 1.625      | 0.000   |
| 8    | 3  |          | 2.024    | 0.496     | 2.024        | 1.527      | 0.000   |
| 9    | 1  |          | 1.584    | 0.002     | 1.584        | 1.582      | 0.000   |
| 9    | 2  |          | 1.409    | 0.002     | 1.409        | 1.407      | 0.000   |
| 9    | 3  |          | 2.198    | 0.002     | 2.198        | 2.196      | 0.000   |
| 10   | 1  |          | 5.070    | 0.002     | 5.070        | 5.068      | 0.000   |
| 10   | 2  |          | 4.617    | 0.002     | 4.617        | 4.615      | 0.000   |
| 10   | 3  |          | 4.397    | 0.002     | 4.397        | 4.395      | 0.000   |
| 11   | 1  |          | 2.603    | 0.335     | 2.603        | 2.268      | 0.000   |
| 11   | 2  |          | 2.306    | 0.335     | 2.306        | 1.971      | 0.000   |
| 11   | 3  |          | 2.444    | 0.335     | 2.444        | 2.109      | 0.000   |
| 12   | 1  |          | 2.038    | 0.328     | 2.038        | 1.710      | 0.000   |
| 12   | 2  |          | 1.617    | 0.328     | 1.617        | 1.289      | 0.000   |
| 12   | 3  |          | 1.523    | 0.361     | 1.523        | 1.162      | 0.000   |
| Tot  | al |          | 109.944  | 12.125    | 109.944      | 97.820     | 0.000   |

| 1989 | U. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.450                | 0.475       | 3.450        | 2.975      | 0.000   |
| 1    | 2  | 5.580                | 0.475       | 5.580        | 5.105      | 0.000   |
| 1    | 3  | 2.795                | 0.522       | 2.795        | 2.273      | 0.000   |
| 2    | 1  | 2.345                | 0.523       | 2.345        | 1.823      | 0.000   |
| 2    | 2  | 3.176                | 0.523       | 3.176        | 2.653      | 0.000   |
| 2    | 3  | 2.801                | 0.418       | 2.801        | 2.383      | 0.000   |
| 3    | 1  | 2.874                | 0.475       | 2.874        | 2.399      | 0.000   |
| 3    | 2  | 1.740                | 0.475       | 1.740        | 1.266      | 0.000   |
| 3    | 3  | 4.203                | 0.522       | 4.203        | 3.680      | 0.000   |
| 4    | 1  | 4.300                | 0.521       | 4.300        | 3.779      | 0.000   |
| 4    | 2  | 1.762                | 0.521       | 1.762        | 1.241      | 0.000   |
| 4    | 3  | 1.382                | 0.521       | 1.382        | 0.861      | 0.000   |
| 5    | 1  | 2.180                | 0.505       | 2.180        | 1.675      | 0.000   |
| 5    | 2  | 2.472                | 0.505       | 2.472        | 1.967      | 0.000   |
| 5    | 3  | 2.662                | 0.555       | 2.662        | 2.106      | 0.000   |
| 6    | 1  | 1.767                | 0.521       | 1.767        | 1.247      | 0.000   |
| 6    | 2  | 1.388                | 0.521       | 1.388        | 0.868      | 0.000   |
| 6    | 3  | 1.033                | 0.521       | 1.033        | 0.512      | 0.000   |
| 7    | 1  | 1.048                | 0.505       | 1.048        | 0.543      | 0.000   |
| 7    | 2  | 1.856                | 0.505       | 1.856        | 1.351      | 0.000   |
| 7    | 3  | 0.952                | 0.555       | 0.952        | 0.397      | 0.000   |
| 8    | 1  | 0.792                | 0.505       | 0.792        | 0.287      | 0.000   |
| 8    | 2  | 0.910                | 0.505       | 0.910        | 0.405      | 0.000   |
| 8    | 3  | 1.026                | 0.555       | 1.026        | 0.470      | 0.000   |
| 9    | 1  | 1.034                | 0.028       | 1.034        | 1.006      | 0.000   |
| 9    | 2  | 1.263                | 0.028       | 1.263        | 1.235      | 0.000   |
| 9    | 3  | 2.095                | 0.028       | 2.095        | 2.067      | 0.000   |
| 10   | 1  | 2.198                | 0.028       | 2.198        | 2.170      | 0.000   |
| 10   | 2  | 3.006                | 0.028       | 3.006        | 2.977      | 0.000   |
| 10   | 3  | 3.680                | 0.031       | 3.680        | 3.650      | 0.000   |
| 11   | 1  | 3.039                | 0.490       | 3.039        | 2.550      | 0.000   |
| 11   | 2  | 4.510                | 0.490       | 4.510        | 4.021      | 0.000   |
| 11   | 3  | 3.476                | 0.490       | 3.476        | 2.986      | 0.000   |
| 12   | 1  | 2.732                | 0.475       | 2.732        | 2.257      | 0.000   |
| 12   | 2  | 1.736                | 0.475       | 1.736        | 1.261      | 0.000   |
| 12   | 3  | 2.994                | 0.522       | 2.994        | 2.471      | 0.000   |
| Tot  | al | 86.258               | 15.340      | 86.258       | 70.917     | 0.000   |

  

| 1989 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 4.733                | 0.420       | 5.119        | 4.314      | 0.000   |
| 1    | 2  | 8.408                | 0.420       | 8.793        | 7.988      | 0.000   |
| 1    | 3  | 5.552                | 0.462       | 5.976        | 5.090      | 0.000   |
| 2    | 1  | 3.515                | 0.464       | 3.939        | 3.051      | 0.000   |
| 2    | 2  | 4.073                | 0.464       | 4.497        | 3.610      | 0.000   |
| 2    | 3  | 3.798                | 0.371       | 4.137        | 3.427      | 0.000   |
| 3    | 1  | 4.862                | 0.420       | 5.248        | 4.443      | 0.000   |
| 3    | 2  | 3.398                | 0.420       | 3.783        | 2.978      | 0.000   |
| 3    | 3  | 5.548                | 0.462       | 5.972        | 5.086      | 0.000   |
| 4    | 1  | 5.883                | 0.566       | 6.305        | 5.317      | 0.000   |
| 4    | 2  | 3.655                | 0.566       | 4.077        | 3.089      | 0.000   |
| 4    | 3  | 2.823                | 0.566       | 3.246        | 2.258      | 0.000   |
| 5    | 1  | 3.573                | 0.548       | 3.983        | 3.026      | 0.000   |
| 5    | 2  | 3.730                | 0.548       | 4.140        | 3.182      | 0.000   |
| 5    | 3  | 3.855                | 0.602       | 4.305        | 3.252      | 0.000   |
| 6    | 1  | 2.447                | 0.566       | 2.870        | 1.882      | 0.000   |
| 6    | 2  | 1.902                | 0.566       | 2.325        | 1.337      | 0.000   |
| 6    | 3  | 1.454                | 0.566       | 1.876        | 0.888      | 0.000   |
| 7    | 1  | 1.371                | 0.548       | 1.781        | 0.824      | 0.000   |
| 7    | 2  | 2.101                | 0.548       | 2.511        | 1.554      | 0.000   |
| 7    | 3  | 1.135                | 0.602       | 1.586        | 0.533      | 0.000   |
| 8    | 1  | 0.886                | 0.548       | 1.296        | 0.366      | 0.027   |
| 8    | 2  | 0.963                | 0.548       | 1.373        | 0.416      | 0.000   |
| 8    | 3  | 1.063                | 0.602       | 1.514        | 0.461      | 0.000   |
| 9    | 1  | 1.441                | 0.009       | 1.469        | 1.432      | 0.000   |
| 9    | 2  | 1.700                | 0.009       | 1.728        | 1.690      | 0.000   |
| 9    | 3  | 2.458                | 0.009       | 2.486        | 2.449      | 0.000   |
| 10   | 1  | 2.509                | 0.009       | 2.537        | 2.500      | 0.000   |
| 10   | 2  | 3.283                | 0.009       | 3.311        | 3.274      | 0.000   |
| 10   | 3  | 3.984                | 0.010       | 4.015        | 3.974      | 0.000   |
| 11   | 1  | 2.991                | 0.433       | 3.388        | 2.558      | 0.000   |
| 11   | 2  | 4.504                | 0.433       | 4.901        | 4.071      | 0.000   |
| 11   | 3  | 3.715                | 0.433       | 4.112        | 3.281      | 0.000   |
| 12   | 1  | 3.549                | 0.420       | 3.934        | 3.129      | 0.000   |
| 12   | 2  | 2.753                | 0.420       | 3.139        | 2.333      | 0.000   |
| 12   | 3  | 3.644                | 0.462       | 4.068        | 3.182      | 0.000   |
| Tot  | al | 117.261              | 15.047      | 129.738      | 102.241    | 0.027   |

| 1989 |    | U. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 1.501   | 0.354    | 1.501       | 1.147        | 0.000      |         |
| 1    | 2  | 3.447   | 0.354    | 3.447       | 3.092        | 0.000      |         |
| 1    | 3  | 2.965   | 0.390    | 2.965       | 2.575        | 0.000      |         |
| 2    | 1  | 2.483   | 0.388    | 2.483       | 2.094        | 0.000      |         |
| 2    | 2  | 1.997   | 0.388    | 1.997       | 1.609        | 0.000      |         |
| 2    | 3  | 1.930   | 0.311    | 1.930       | 1.619        | 0.000      |         |
| 3    | 1  | 2.797   | 0.354    | 2.797       | 2.443        | 0.000      |         |
| 3    | 2  | 2.034   | 0.354    | 2.034       | 1.680        | 0.000      |         |
| 3    | 3  | 2.193   | 0.390    | 2.193       | 1.804        | 0.000      |         |
| 4    | 1  | 3.592   | 0.379    | 3.592       | 3.212        | 0.000      |         |
| 4    | 2  | 2.348   | 0.379    | 2.348       | 1.969        | 0.000      |         |
| 4    | 3  | 1.445   | 0.379    | 1.445       | 1.066        | 0.000      |         |
| 5    | 1  | 1.544   | 0.368    | 1.544       | 1.176        | 0.000      |         |
| 5    | 2  | 1.442   | 0.368    | 1.442       | 1.074        | 0.000      |         |
| 5    | 3  | 1.622   | 0.405    | 1.622       | 1.216        | 0.000      |         |
| 6    | 1  | 1.554   | 0.379    | 1.554       | 1.175        | 0.000      |         |
| 6    | 2  | 1.102   | 0.379    | 1.102       | 0.722        | 0.000      |         |
| 6    | 3  | 0.899   | 0.379    | 0.899       | 0.520        | 0.000      |         |
| 7    | 1  | 0.769   | 0.368    | 0.769       | 0.400        | 0.000      |         |
| 7    | 2  | 0.742   | 0.368    | 0.742       | 0.374        | 0.000      |         |
| 7    | 3  | 0.701   | 0.405    | 0.701       | 0.296        | 0.000      |         |
| 8    | 1  | 0.531   | 0.105    | 0.531       | 0.426        | 0.000      |         |
| 8    | 2  | 0.520   | 0.105    | 0.520       | 0.415        | 0.000      |         |
| 8    | 3  | 0.594   | 0.116    | 0.594       | 0.478        | 0.000      |         |
| 9    | 1  | 0.557   | 0.037    | 0.557       | 0.520        | 0.000      |         |
| 9    | 2  | 0.582   | 0.037    | 0.582       | 0.545        | 0.000      |         |
| 9    | 3  | 0.644   | 0.037    | 0.644       | 0.607        | 0.000      |         |
| 10   | 1  | 0.499   | 0.037    | 0.499       | 0.462        | 0.000      |         |
| 10   | 2  | 0.479   | 0.037    | 0.479       | 0.442        | 0.000      |         |
| 10   | 3  | 0.794   | 0.041    | 0.794       | 0.753        | 0.000      |         |
| 11   | 1  | 0.878   | 0.141    | 0.878       | 0.737        | 0.000      |         |
| 11   | 2  | 1.333   | 0.141    | 1.333       | 1.192        | 0.000      |         |
| 11   | 3  | 2.714   | 0.141    | 2.714       | 2.574        | 0.000      |         |
| 12   | 1  | 3.001   | 0.354    | 3.001       | 2.646        | 0.000      |         |
| 12   | 2  | 1.828   | 0.354    | 1.828       | 1.474        | 0.000      |         |
| 12   | 3  | 1.484   | 0.390    | 1.484       | 1.094        | 0.000      |         |
| Tot  | al | 55.546  | 9.918    | 55.546      | 45.629       | 0.000      |         |
|      |    |         |          |             |              |            |         |
| 1989 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 2.253   | 0.586    | 2.544       | 1.667        | 0.000      |         |
| 1    | 2  | 5.804   | 0.586    | 6.095       | 5.218        | 0.000      |         |
| 1    | 3  | 5.556   | 0.644    | 5.876       | 4.911        | 0.000      |         |
| 2    | 1  | 3.935   | 0.647    | 4.253       | 3.287        | 0.000      |         |
| 2    | 2  | 3.144   | 0.647    | 3.462       | 2.496        | 0.000      |         |
| 2    | 3  | 2.967   | 0.518    | 3.222       | 2.449        | 0.000      |         |
| 3    | 1  | 4.603   | 0.586    | 4.894       | 4.017        | 0.000      |         |
| 3    | 2  | 3.777   | 0.586    | 4.068       | 3.191        | 0.000      |         |
| 3    | 3  | 3.912   | 0.644    | 4.232       | 3.268        | 0.000      |         |
| 4    | 1  | 7.171   | 0.163    | 7.482       | 7.008        | 0.000      |         |
| 4    | 2  | 5.411   | 0.163    | 5.722       | 5.249        | 0.000      |         |
| 4    | 3  | 3.367   | 0.163    | 3.678       | 3.204        | 0.000      |         |
| 5    | 1  | 3.684   | 0.158    | 3.987       | 3.527        | 0.000      |         |
| 5    | 2  | 3.329   | 0.158    | 3.631       | 3.172        | 0.000      |         |
| 5    | 3  | 4.194   | 0.174    | 4.527       | 4.021        | 0.000      |         |
| 6    | 1  | 3.034   | 0.163    | 3.345       | 2.871        | 0.000      |         |
| 6    | 2  | 2.251   | 0.163    | 2.562       | 2.089        | 0.000      |         |
| 6    | 3  | 1.863   | 0.163    | 2.174       | 1.700        | 0.000      |         |
| 7    | 1  | 1.560   | 0.158    | 1.862       | 1.402        | 0.000      |         |
| 7    | 2  | 1.440   | 0.158    | 1.743       | 1.283        | 0.000      |         |
| 7    | 3  | 1.354   | 0.174    | 1.686       | 1.180        | 0.000      |         |
| 8    | 1  | 1.213   | 0.122    | 1.305       | 1.092        | 0.000      |         |
| 8    | 2  | 1.170   | 0.122    | 1.262       | 1.048        | 0.000      |         |
| 8    | 3  | 1.261   | 0.134    | 1.362       | 1.128        | 0.000      |         |
| 9    | 1  | 1.189   | 0.009    | 1.226       | 1.179        | 0.000      |         |
| 9    | 2  | 1.225   | 0.009    | 1.262       | 1.216        | 0.000      |         |
| 9    | 3  | 1.207   | 0.009    | 1.244       | 1.197        | 0.000      |         |
| 10   | 1  | 0.991   | 0.009    | 1.028       | 0.981        | 0.000      |         |
| 10   | 2  | 0.908   | 0.009    | 0.945       | 0.899        | 0.000      |         |
| 10   | 3  | 1.290   | 0.010    | 1.331       | 1.280        | 0.000      |         |
| 11   | 1  | 1.312   | 0.574    | 1.432       | 0.738        | 0.000      |         |
| 11   | 2  | 1.754   | 0.574    | 1.874       | 1.180        | 0.000      |         |
| 11   | 3  | 3.281   | 0.574    | 3.401       | 2.707        | 0.000      |         |
| 12   | 1  | 3.515   | 0.586    | 3.806       | 2.930        | 0.000      |         |
| 12   | 2  | 2.728   | 0.586    | 3.019       | 2.143        | 0.000      |         |
| 12   | 3  | 2.405   | 0.644    | 2.725       | 1.761        | 0.000      |         |
| Tot  | al | 100.060 | 11.371   | 108.265     | 88.689       | 0.000      |         |

| 1989 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.017                | 0.884       | 3.017        | 2.134      | 0.000   |
| 1    | 2  | 2.962                | 0.884       | 2.962        | 2.078      | 0.000   |
| 1    | 3  | 2.404                | 0.972       | 2.404        | 1.432      | 0.000   |
| 2    | 1  | 3.571                | 0.973       | 3.571        | 2.598      | 0.000   |
| 2    | 2  | 3.854                | 0.973       | 3.854        | 2.882      | 0.000   |
| 2    | 3  | 2.664                | 0.778       | 2.664        | 1.886      | 0.000   |
| 3    | 1  | 4.339                | 0.884       | 4.339        | 3.455      | 0.000   |
| 3    | 2  | 3.669                | 0.884       | 3.669        | 2.786      | 0.000   |
| 3    | 3  | 3.217                | 0.972       | 3.217        | 2.245      | 0.000   |
| 4    | 1  | 5.115                | 1.094       | 5.115        | 4.021      | 0.000   |
| 4    | 2  | 2.357                | 1.094       | 2.357        | 1.263      | 0.000   |
| 4    | 3  | 1.769                | 1.094       | 1.769        | 0.675      | 0.000   |
| 5    | 1  | 1.566                | 1.060       | 1.566        | 0.505      | 0.000   |
| 5    | 2  | 1.419                | 1.060       | 1.419        | 0.359      | 0.000   |
| 5    | 3  | 1.500                | 1.166       | 1.500        | 0.385      | 0.052   |
| 6    | 1  | 1.591                | 1.094       | 1.591        | 0.498      | 0.000   |
| 6    | 2  | 1.522                | 1.094       | 1.522        | 0.428      | 0.000   |
| 6    | 3  | 1.370                | 1.094       | 1.370        | 0.350      | 0.074   |
| 7    | 1  | 1.533                | 1.060       | 1.533        | 0.473      | 0.000   |
| 7    | 2  | 2.253                | 1.060       | 2.253        | 1.193      | 0.000   |
| 7    | 3  | 2.406                | 1.166       | 2.406        | 1.240      | 0.000   |
| 8    | 1  | 1.407                | 0.053       | 1.407        | 1.355      | 0.000   |
| 8    | 2  | 1.301                | 0.053       | 1.301        | 1.249      | 0.000   |
| 8    | 3  | 1.319                | 0.058       | 1.319        | 1.262      | 0.000   |
| 9    | 1  | 2.154                | 0.053       | 2.154        | 2.101      | 0.000   |
| 9    | 2  | 1.977                | 0.053       | 1.977        | 1.924      | 0.000   |
| 9    | 3  | 4.694                | 0.053       | 4.694        | 4.642      | 0.000   |
| 10   | 1  | 3.629                | 0.053       | 3.629        | 3.576      | 0.000   |
| 10   | 2  | 3.386                | 0.053       | 3.386        | 3.333      | 0.000   |
| 10   | 3  | 6.908                | 0.058       | 6.908        | 6.850      | 0.000   |
| 11   | 1  | 4.484                | 0.053       | 4.484        | 4.432      | 0.000   |
| 11   | 2  | 4.580                | 0.053       | 4.580        | 4.527      | 0.000   |
| 11   | 3  | 6.688                | 0.053       | 6.688        | 6.635      | 0.000   |
| 12   | 1  | 5.653                | 0.884       | 5.653        | 4.769      | 0.000   |
| 12   | 2  | 3.279                | 0.884       | 3.279        | 2.395      | 0.000   |
| 12   | 3  | 3.538                | 0.972       | 3.538        | 2.566      | 0.000   |
| Tot  | al | 109.096              | 24.720      | 109.096      | 84.502     | 0.126   |
|      |    |                      |             |              |            |         |
| 1989 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 3.988                | 0.964       | 4.772        | 3.024      | 0.000   |
| 1    | 2  | 5.868                | 0.964       | 6.651        | 4.903      | 0.000   |
| 1    | 3  | 6.697                | 1.061       | 7.560        | 5.637      | 0.000   |
| 2    | 1  | 7.483                | 1.063       | 8.346        | 6.420      | 0.000   |
| 2    | 2  | 6.744                | 1.063       | 7.607        | 5.681      | 0.000   |
| 2    | 3  | 4.583                | 0.851       | 5.273        | 3.732      | 0.000   |
| 3    | 1  | 7.209                | 0.964       | 7.993        | 6.244      | 0.000   |
| 3    | 2  | 6.404                | 0.964       | 7.188        | 5.440      | 0.000   |
| 3    | 3  | 5.830                | 1.061       | 6.693        | 4.769      | 0.000   |
| 4    | 1  | 9.286                | 1.295       | 10.255       | 7.990      | 0.000   |
| 4    | 2  | 5.924                | 1.295       | 6.893        | 4.629      | 0.000   |
| 4    | 3  | 3.639                | 1.295       | 4.608        | 2.344      | 0.000   |
| 5    | 1  | 3.220                | 1.255       | 4.160        | 1.966      | 0.000   |
| 5    | 2  | 3.111                | 1.255       | 4.050        | 1.856      | 0.000   |
| 5    | 3  | 3.120                | 1.380       | 4.108        | 1.740      | 0.000   |
| 6    | 1  | 3.975                | 1.295       | 4.944        | 2.680      | 0.000   |
| 6    | 2  | 3.144                | 1.295       | 4.113        | 1.849      | 0.000   |
| 6    | 3  | 2.285                | 1.295       | 3.188        | 0.989      | 0.000   |
| 7    | 1  | 2.080                | 1.255       | 3.019        | 0.825      | 0.000   |
| 7    | 2  | 2.690                | 1.255       | 3.629        | 1.435      | 0.000   |
| 7    | 3  | 2.754                | 1.380       | 3.787        | 1.373      | 0.000   |
| 8    | 1  | 2.441                | 1.003       | 2.493        | 1.437      | 0.000   |
| 8    | 2  | 2.257                | 1.003       | 2.310        | 1.254      | 0.000   |
| 8    | 3  | 2.397                | 1.104       | 2.454        | 1.293      | 0.000   |
| 9    | 1  | 3.184                | 0.041       | 3.237        | 3.143      | 0.000   |
| 9    | 2  | 3.071                | 0.041       | 3.124        | 3.030      | 0.000   |
| 9    | 3  | 5.650                | 0.041       | 5.702        | 5.609      | 0.000   |
| 10   | 1  | 4.463                | 0.041       | 4.516        | 4.422      | 0.000   |
| 10   | 2  | 4.135                | 0.041       | 4.188        | 4.094      | 0.000   |
| 10   | 3  | 7.837                | 0.045       | 7.895        | 7.792      | 0.000   |
| 11   | 1  | 5.985                | 0.781       | 6.037        | 5.204      | 0.000   |
| 11   | 2  | 6.949                | 0.781       | 7.001        | 6.168      | 0.000   |
| 11   | 3  | 11.028               | 0.781       | 11.081       | 10.248     | 0.000   |
| 12   | 1  | 9.457                | 0.964       | 10.241       | 8.493      | 0.000   |
| 12   | 2  | 6.218                | 0.964       | 7.002        | 5.254      | 0.000   |
| 12   | 3  | 5.131                | 1.061       | 5.993        | 4.070      | 0.000   |
| Tot  | al | 180.237              | 33.201      | 202.110      | 147.036    | 0.000   |

| 1989 |    | L. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 21.056  | 0.914    | 26.549      | 20.142       | 0.000      |         |
| 1    | 2  | 37.398  | 0.914    | 42.891      | 36.484       | 0.000      |         |
| 1    | 3  | 32.745  | 1.005    | 38.552      | 31.740       | 0.000      |         |
| 2    | 1  | 26.769  | 0.980    | 32.585      | 25.790       | 0.000      |         |
| 2    | 2  | 23.946  | 0.980    | 29.813      | 22.966       | 0.000      |         |
| 2    | 3  | 21.351  | 0.784    | 26.138      | 20.568       | 0.000      |         |
| 3    | 1  | 33.981  | 0.914    | 39.343      | 33.068       | 0.000      |         |
| 3    | 2  | 25.393  | 0.914    | 30.526      | 24.479       | 0.000      |         |
| 3    | 3  | 34.282  | 1.005    | 40.325      | 33.277       | 0.000      |         |
| 4    | 1  | 42.312  | 1.168    | 48.552      | 41.144       | 0.000      |         |
| 4    | 2  | 27.517  | 1.168    | 33.422      | 26.350       | 0.000      |         |
| 4    | 3  | 26.329  | 1.168    | 32.180      | 25.161       | 0.000      |         |
| 5    | 1  | 21.687  | 1.139    | 27.420      | 20.548       | 0.000      |         |
| 5    | 2  | 21.280  | 1.139    | 27.053      | 20.140       | 0.000      |         |
| 5    | 3  | 23.651  | 1.253    | 30.062      | 22.397       | 0.000      |         |
| 6    | 1  | 18.176  | 1.168    | 24.127      | 17.008       | 0.000      |         |
| 6    | 2  | 14.828  | 1.168    | 20.802      | 13.661       | 0.000      |         |
| 6    | 3  | 12.200  | 1.168    | 18.075      | 11.032       | 0.000      |         |
| 7    | 1  | 11.212  | 1.139    | 17.073      | 10.073       | 0.000      |         |
| 7    | 2  | 13.693  | 1.139    | 19.653      | 12.553       | 0.000      |         |
| 7    | 3  | 10.608  | 1.253    | 16.808      | 9.354        | 0.000      |         |
| 8    | 1  | 10.466  | 1.128    | 14.246      | 9.338        | 0.000      |         |
| 8    | 2  | 9.310   | 1.128    | 13.132      | 8.181        | 0.000      |         |
| 8    | 3  | 9.720   | 1.241    | 13.932      | 8.479        | 0.000      |         |
| 9    | 1  | 13.849  | 0.298    | 14.543      | 13.550       | 0.000      |         |
| 9    | 2  | 13.927  | 0.298    | 14.558      | 13.629       | 0.000      |         |
| 9    | 3  | 20.089  | 0.298    | 20.944      | 19.791       | 0.000      |         |
| 10   | 1  | 25.913  | 0.298    | 26.803      | 25.615       | 0.000      |         |
| 10   | 2  | 25.660  | 0.298    | 26.584      | 25.362       | 0.000      |         |
| 10   | 3  | 31.712  | 0.328    | 32.728      | 31.384       | 0.000      |         |
| 11   | 1  | 20.684  | 0.925    | 24.648      | 19.760       | 0.000      |         |
| 11   | 2  | 24.176  | 0.925    | 28.272      | 23.251       | 0.000      |         |
| 11   | 3  | 30.068  | 0.925    | 34.164      | 29.143       | 0.000      |         |
| 12   | 1  | 29.387  | 0.914    | 34.881      | 28.474       | 0.000      |         |
| 12   | 2  | 20.891  | 0.914    | 26.189      | 19.977       | 0.000      |         |
| 12   | 3  | 24.264  | 1.005    | 30.307      | 23.259       | 0.000      |         |
| Tot  | al | 810.528 | 33.401   | 977.881     | 777.127      | 0.000      |         |

| 1989 | Mu | si Mouth | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 22.323   | 0.491    | 28.730      | 21.929       | 0.000      |         |
| 1    | 2  | 39.719   | 0.491    | 46.126      | 39.325       | 0.000      |         |
| 1    | 3  | 35.769   | 0.540    | 42.581      | 35.336       | 0.000      |         |
| 2    | 1  | 28.988   | 0.543    | 35.783      | 28.553       | 0.000      |         |
| 2    | 2  | 26.722   | 0.543    | 33.570      | 26.287       | 0.000      |         |
| 2    | 3  | 23.237   | 0.434    | 28.807      | 22.889       | 0.000      |         |
| 3    | 1  | 36.279   | 0.491    | 42.554      | 35.885       | 0.000      |         |
| 3    | 2  | 28.101   | 0.491    | 34.147      | 27.707       | 0.000      |         |
| 3    | 3  | 38.010   | 0.540    | 45.058      | 37.577       | 0.000      |         |
| 4    | 1  | 46.131   | 0.705    | 53.538      | 45.566       | 0.000      |         |
| 4    | 2  | 31.673   | 0.705    | 38.745      | 31.107       | 0.000      |         |
| 4    | 3  | 29.884   | 0.705    | 36.903      | 29.319       | 0.000      |         |
| 5    | 1  | 24.982   | 0.683    | 31.854      | 24.434       | 0.000      |         |
| 5    | 2  | 24.566   | 0.683    | 31.480      | 24.019       | 0.000      |         |
| 5    | 3  | 27.481   | 0.751    | 35.146      | 26.879       | 0.000      |         |
| 6    | 1  | 20.711   | 0.705    | 27.830      | 20.146       | 0.000      |         |
| 6    | 2  | 16.684   | 0.705    | 23.825      | 16.119       | 0.000      |         |
| 6    | 3  | 13.476   | 0.705    | 20.519      | 12.911       | 0.000      |         |
| 7    | 1  | 12.022   | 0.683    | 19.022      | 11.474       | 0.000      |         |
| 7    | 2  | 14.495   | 0.683    | 21.594      | 13.947       | 0.000      |         |
| 7    | 3  | 11.411   | 0.751    | 18.865      | 10.809       | 0.000      |         |
| 8    | 1  | 11.035   | 0.671    | 15.943      | 10.496       | 0.000      |         |
| 8    | 2  | 9.718    | 0.671    | 14.669      | 9.180        | 0.000      |         |
| 8    | 3  | 10.090   | 0.738    | 15.543      | 9.497        | 0.000      |         |
| 9    | 1  | 15.146   | 0.007    | 16.138      | 15.139       | 0.000      |         |
| 9    | 2  | 15.355   | 0.007    | 16.285      | 15.349       | 0.000      |         |
| 9    | 3  | 21.480   | 0.007    | 22.634      | 21.474       | 0.000      |         |
| 10   | 1  | 27.077   | 0.007    | 28.265      | 27.070       | 0.000      |         |
| 10   | 2  | 27.303   | 0.007    | 28.525      | 27.296       | 0.000      |         |
| 10   | 3  | 34.911   | 0.007    | 36.256      | 34.904       | 0.000      |         |
| 11   | 1  | 24.000   | 0.497    | 28.889      | 23.601       | 0.000      |         |
| 11   | 2  | 27.057   | 0.497    | 32.077      | 26.657       | 0.000      |         |
| 11   | 3  | 32.681   | 0.497    | 37.702      | 32.282       | 0.000      |         |
| 12   | 1  | 31.824   | 0.491    | 38.231      | 31.430       | 0.000      |         |
| 12   | 2  | 22.252   | 0.491    | 28.464      | 21.859       | 0.000      |         |
| 12   | 3  | 25.332   | 0.540    | 32.380      | 24.899       | 0.000      |         |
| Tot  | al | 887.926  | 18.159   | 1088.680    | 873.350      | 0.000      |         |

| 1990 |    | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 4.994    | 1.181     | 4.926        | 3.876      | 0.000   |
| 1    | 2  |         | 2.702    | 1.006     | 2.634        | 1.759      | 0.000   |
| 1    | 3  |         | 4.741    | 1.374     | 4.666        | 3.436      | 0.000   |
| 2    | 1  |         | 4.870    | 1.353     | 4.795        | 3.587      | 0.000   |
| 2    | 2  |         | 5.283    | 1.240     | 5.208        | 4.113      | 0.000   |
| 2    | 3  |         | 3.268    | 1.039     | 3.208        | 2.285      | 0.000   |
| 3    | 1  |         | 4.642    | 1.247     | 4.575        | 3.459      | 0.000   |
| 3    | 2  |         | 4.628    | 1.348     | 4.561        | 3.344      | 0.000   |
| 3    | 3  |         | 5.644    | 1.351     | 5.570        | 4.363      | 0.000   |
| 4    | 1  |         | 4.513    | 1.195     | 4.428        | 3.397      | 0.000   |
| 4    | 2  |         | 5.047    | 1.247     | 4.962        | 3.879      | 0.000   |
| 4    | 3  |         | 5.024    | 1.234     | 4.939        | 3.869      | 0.000   |
| 5    | 1  |         | 3.692    | 1.224     | 3.610        | 2.545      | 0.000   |
| 5    | 2  |         | 3.420    | 1.242     | 3.338        | 2.255      | 0.000   |
| 5    | 3  |         | 3.342    | 1.274     | 3.251        | 2.153      | 0.000   |
| 6    | 1  |         | 3.514    | 1.209     | 3.429        | 2.384      | 0.000   |
| 6    | 2  |         | 2.076    | 1.056     | 1.991        | 1.100      | 0.000   |
| 6    | 3  |         | 2.254    | 1.071     | 2.169        | 1.263      | 0.000   |
| 7    | 1  |         | 2.851    | 1.075     | 2.769        | 1.854      | 0.000   |
| 7    | 2  |         | 2.286    | 1.037     | 2.204        | 1.326      | 0.000   |
| 7    | 3  |         | 2.530    | 1.151     | 2.440        | 1.464      | 0.000   |
| 8    | 1  |         | 2.724    | 1.055     | 2.658        | 1.746      | 0.000   |
| 8    | 2  |         | 2.394    | 1.042     | 2.328        | 1.429      | 0.000   |
| 8    | 3  |         | 2.020    | 1.028     | 1.947        | 1.076      | 0.000   |
| 9    | 1  |         | 1.913    | 0.240     | 1.913        | 1.673      | 0.000   |
| 9    | 2  |         | 1.489    | 0.192     | 1.489        | 1.297      | 0.000   |
| 9    | 3  |         | 1.733    | 0.219     | 1.733        | 1.514      | 0.000   |
| 10   | 1  |         | 1.695    | 0.208     | 1.695        | 1.487      | 0.000   |
| 10   | 2  |         | 1.352    | 0.176     | 1.352        | 1.175      | 0.000   |
| 10   | 3  |         | 1.759    | 0.241     | 1.759        | 1.518      | 0.000   |
| 11   | 1  |         | 2.156    | 0.933     | 2.100        | 1.289      | 0.000   |
| 11   | 2  |         | 1.911    | 0.885     | 1.855        | 1.092      | 0.000   |
| 11   | 3  |         | 4.042    | 1.288     | 3.985        | 2.819      | 0.000   |
| 12   | 1  |         | 6.737    | 1.348     | 6.669        | 5.452      | 0.000   |
| 12   | 2  |         | 3.770    | 1.142     | 3.702        | 2.691      | 0.000   |
| 12   | 3  |         | 6.295    | 1.483     | 6.220        | 4.882      | 0.000   |
| Tot  | al |         | 123.310  | 36.635    | 121.079      | 88.852     | 0.000   |
|      |    |         |          |           |              |            |         |
| 1990 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 1.153    | 0.295     | 1.153        | 0.857      | 0.000   |
| 1    | 2  |         | 0.923    | 0.295     | 0.923        | 0.628      | 0.000   |
| 1    | 3  |         | 0.883    | 0.325     | 0.883        | 0.558      | 0.000   |
| 2    | 1  |         | 0.772    | 0.325     | 0.772        | 0.447      | 0.000   |
| 2    | 2  |         | 0.925    | 0.325     | 0.925        | 0.600      | 0.000   |
| 2    | 3  |         | 0.714    | 0.260     | 0.714        | 0.454      | 0.000   |
| 3    | 1  |         | 1.141    | 0.295     | 1.141        | 0.846      | 0.000   |
| 3    | 2  |         | 1.120    | 0.295     | 1.120        | 0.825      | 0.000   |
| 3    | 3  |         | 1.603    | 0.325     | 1.603        | 1.278      | 0.000   |
| 4    | 1  |         | 0.877    | 0.365     | 0.877        | 0.511      | 0.000   |
| 4    | 2  |         | 0.611    | 0.365     | 0.611        | 0.246      | 0.000   |
| 4    | 3  |         | 0.502    | 0.365     | 0.502        | 0.136      | 0.000   |
| 5    | 1  |         | 0.501    | 0.354     | 0.501        | 0.147      | 0.000   |
| 5    | 2  |         | 0.570    | 0.354     | 0.570        | 0.216      | 0.000   |
| 5    | 3  |         | 0.553    | 0.390     | 0.553        | 0.163      | 0.000   |
| 6    | 1  |         | 0.491    | 0.365     | 0.491        | 0.126      | 0.000   |
| 6    | 2  |         | 0.432    | 0.365     | 0.432        | 0.067      | 0.000   |
| 6    | 3  |         | 0.382    | 0.365     | 0.382        | 0.028      | 0.012   |
| 7    | 1  |         | 0.406    | 0.354     | 0.406        | 0.052      | 0.000   |
| 7    | 2  |         | 0.367    | 0.354     | 0.367        | 0.028      | 0.016   |
| 7    | 3  |         | 0.366    | 0.390     | 0.366        | 0.031      | 0.055   |
| 8    | 1  |         | 0.401    | 0.192     | 0.401        | 0.209      | 0.000   |
| 8    | 2  |         | 0.394    | 0.192     | 0.394        | 0.202      | 0.000   |
| 8    | 3  |         | 0.362    | 0.211     | 0.362        | 0.151      | 0.000   |
| 9    | 1  |         | 0.330    | 0.019     | 0.330        | 0.311      | 0.000   |
| 9    | 2  |         | 0.275    | 0.019     | 0.275        | 0.257      | 0.000   |
| 9    | 3  |         | 0.241    | 0.019     | 0.241        | 0.222      | 0.000   |
| 10   | 1  |         | 0.208    | 0.019     | 0.208        | 0.190      | 0.000   |
| 10   | 2  |         | 0.177    | 0.019     | 0.177        | 0.159      | 0.000   |
| 10   | 3  |         | 0.249    | 0.021     | 0.249        | 0.228      | 0.000   |
| 11   | 1  |         | 0.582    | 0.166     | 0.582        | 0.416      | 0.000   |
| 11   | 2  |         | 0.772    | 0.166     | 0.772        | 0.606      | 0.000   |
| 11   | 3  |         | 0.959    | 0.166     | 0.959        | 0.793      | 0.000   |
| 12   | 1  |         | 1.234    | 0.295     | 1.234        | 0.938      | 0.000   |
| 12   | 2  |         | 1.561    | 0.295     | 1.561        | 1.266      | 0.000   |
| 12   | 3  |         | 1.048    | 0.325     | 1.048        | 0.723      | 0.000   |
| Tot  | al |         | 24.084   | 9.252     | 24.084       | 14.914     | 0.082   |

| 1990 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.759    | 0.211     | 0.759        | 0.548      | 0.000   |
| 1    | 2  |          | 0.700    | 0.211     | 0.700        | 0.488      | 0.000   |
| 1    | 3  |          | 0.708    | 0.233     | 0.708        | 0.475      | 0.000   |
| 2    | 1  |          | 0.619    | 0.234     | 0.619        | 0.385      | 0.000   |
| 2    | 2  |          | 0.649    | 0.234     | 0.649        | 0.415      | 0.000   |
| 2    | 3  |          | 0.508    | 0.187     | 0.508        | 0.321      | 0.000   |
| 3    | 1  |          | 0.776    | 0.211     | 0.776        | 0.565      | 0.000   |
| 3    | 2  |          | 0.886    | 0.211     | 0.886        | 0.675      | 0.000   |
| 3    | 3  |          | 1.362    | 0.233     | 1.362        | 1.130      | 0.000   |
| 4    | 1  |          | 0.849    | 0.265     | 0.849        | 0.583      | 0.000   |
| 4    | 2  |          | 0.669    | 0.265     | 0.669        | 0.403      | 0.000   |
| 4    | 3  |          | 0.579    | 0.265     | 0.579        | 0.313      | 0.000   |
| 5    | 1  |          | 0.534    | 0.257     | 0.534        | 0.277      | 0.000   |
| 5    | 2  |          | 0.550    | 0.257     | 0.550        | 0.293      | 0.000   |
| 5    | 3  |          | 0.542    | 0.282     | 0.542        | 0.260      | 0.000   |
| 6    | 1  |          | 0.466    | 0.265     | 0.466        | 0.201      | 0.000   |
| 6    | 2  |          | 0.416    | 0.265     | 0.416        | 0.151      | 0.000   |
| 6    | 3  |          | 0.374    | 0.265     | 0.374        | 0.109      | 0.000   |
| 7    | 1  |          | 0.359    | 0.257     | 0.359        | 0.102      | 0.000   |
| 7    | 2  |          | 0.326    | 0.257     | 0.326        | 0.069      | 0.000   |
| 7    | 3  |          | 0.336    | 0.282     | 0.336        | 0.054      | 0.000   |
| 8    | 1  |          | 0.366    | 0.229     | 0.366        | 0.138      | 0.000   |
| 8    | 2  |          | 0.372    | 0.229     | 0.372        | 0.143      | 0.000   |
| 8    | 3  |          | 0.356    | 0.252     | 0.356        | 0.104      | 0.000   |
| 9    | 1  |          | 0.310    | 0.006     | 0.310        | 0.305      | 0.000   |
| 9    | 2  |          | 0.264    | 0.006     | 0.264        | 0.259      | 0.000   |
| 9    | 3  |          | 0.234    | 0.006     | 0.234        | 0.228      | 0.000   |
| 10   | 1  |          | 0.203    | 0.006     | 0.203        | 0.198      | 0.000   |
| 10   | 2  |          | 0.177    | 0.006     | 0.177        | 0.171      | 0.000   |
| 10   | 3  |          | 0.238    | 0.006     | 0.238        | 0.232      | 0.000   |
| 11   | 1  |          | 0.559    | 0.195     | 0.559        | 0.364      | 0.000   |
| 11   | 2  |          | 0.774    | 0.195     | 0.774        | 0.580      | 0.000   |
| 11   | 3  |          | 0.822    | 0.195     | 0.822        | 0.627      | 0.000   |
| 12   | 1  |          | 1.029    | 0.211     | 1.029        | 0.818      | 0.000   |
| 12   | 2  |          | 1.477    | 0.211     | 1.477        | 1.265      | 0.000   |
| 12   | 3  |          | 1.044    | 0.233     | 1.044        | 0.812      | 0.000   |
| Tot  | al |          | 21.193   | 7.132     | 21.193       | 14.061     | 0.000   |
| 1990 | U. | Lakitan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.988    | 0.315     | 0.988        | 0.673      | 0.000   |
| 1    | 2  |          | 0.939    | 0.315     | 0.939        | 0.624      | 0.000   |
| 1    | 3  |          | 0.856    | 0.347     | 0.856        | 0.510      | 0.000   |
| 2    | 1  |          | 0.928    | 0.348     | 0.928        | 0.580      | 0.000   |
| 2    | 2  |          | 1.095    | 0.348     | 1.095        | 0.747      | 0.000   |
| 2    | 3  |          | 0.840    | 0.278     | 0.840        | 0.561      | 0.000   |
| 3    | 1  |          | 1.433    | 0.315     | 1.433        | 1.118      | 0.000   |
| 3    | 2  |          | 1.472    | 0.315     | 1.472        | 1.157      | 0.000   |
| 3    | 3  |          | 1.824    | 0.347     | 1.824        | 1.477      | 0.000   |
| 4    | 1  |          | 0.814    | 0.393     | 0.814        | 0.421      | 0.000   |
| 4    | 2  |          | 0.624    | 0.393     | 0.624        | 0.231      | 0.000   |
| 4    | 3  |          | 0.550    | 0.393     | 0.550        | 0.158      | 0.000   |
| 5    | 1  |          | 0.566    | 0.380     | 0.566        | 0.186      | 0.000   |
| 5    | 2  |          | 0.627    | 0.380     | 0.627        | 0.247      | 0.000   |
| 5    | 3  |          | 0.565    | 0.418     | 0.565        | 0.147      | 0.000   |
| 6    | 1  |          | 0.511    | 0.393     | 0.511        | 0.119      | 0.000   |
| 6    | 2  |          | 0.436    | 0.393     | 0.436        | 0.046      | 0.003   |
| 6    | 3  |          | 0.409    | 0.393     | 0.409        | 0.046      | 0.030   |
| 7    | 1  |          | 0.422    | 0.380     | 0.422        | 0.046      | 0.004   |
| 7    | 2  |          | 0.359    | 0.380     | 0.359        | 0.046      | 0.067   |
| 7    | 3  |          | 0.391    | 0.418     | 0.391        | 0.051      | 0.078   |
| 8    | 1  |          | 0.467    | 0.157     | 0.467        | 0.309      | 0.000   |
| 8    | 2  |          | 0.442    | 0.157     | 0.442        | 0.285      | 0.000   |
| 8    | 3  |          | 0.393    | 0.173     | 0.393        | 0.220      | 0.000   |
| 9    | 1  |          | 0.401    | 0.008     | 0.401        | 0.393      | 0.000   |
| 9    | 2  |          | 0.295    | 0.008     | 0.295        | 0.287      | 0.000   |
| 9    | 3  |          | 0.292    | 0.008     | 0.292        | 0.284      | 0.000   |
| 10   | 1  |          | 0.231    | 0.008     | 0.231        | 0.223      | 0.000   |
| 10   | 2  |          | 0.206    | 0.008     | 0.206        | 0.197      | 0.000   |
| 10   | 3  |          | 0.360    | 0.009     | 0.360        | 0.351      | 0.000   |
| 11   | 1  |          | 0.938    | 0.135     | 0.938        | 0.802      | 0.000   |
| 11   | 2  |          | 0.978    | 0.135     | 0.978        | 0.843      | 0.000   |
| 11   | 3  |          | 1.391    | 0.135     | 1.391        | 1.256      | 0.000   |
| 12   | 1  |          | 1.459    | 0.315     | 1.459        | 1.144      | 0.000   |
| 12   | 2  |          | 1.723    | 0.315     | 1.723        | 1.408      | 0.000   |
| 12   | 3  |          | 1.025    | 0.347     | 1.025        | 0.679      | 0.000   |
| Tot  | al |          | 27.252   | 9.563     | 27.252       | 17.872     | 0.182   |

| 1990 | L. | Lakitan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 0.927    | 0.038     | 1.181        | 0.890      | 0.000   |
| 1    | 2  |         | 0.864    | 0.038     | 1.118        | 0.827      | 0.000   |
| 1    | 3  |         | 0.757    | 0.041     | 1.036        | 0.716      | 0.000   |
| 2    | 1  |         | 0.802    | 0.041     | 1.082        | 0.761      | 0.000   |
| 2    | 2  |         | 0.988    | 0.041     | 1.268        | 0.947      | 0.000   |
| 2    | 3  |         | 0.752    | 0.033     | 0.976        | 0.719      | 0.000   |
| 3    | 1  |         | 1.393    | 0.038     | 1.646        | 1.355      | 0.000   |
| 3    | 2  |         | 1.453    | 0.038     | 1.706        | 1.415      | 0.000   |
| 3    | 3  |         | 1.901    | 0.041     | 2.180        | 1.859      | 0.000   |
| 4    | 1  |         | 0.703    | 0.046     | 1.018        | 0.657      | 0.000   |
| 4    | 2  |         | 0.461    | 0.046     | 0.776        | 0.415      | 0.000   |
| 4    | 3  |         | 0.365    | 0.046     | 0.681        | 0.320      | 0.000   |
| 5    | 1  |         | 0.383    | 0.044     | 0.688        | 0.338      | 0.000   |
| 5    | 2  |         | 0.450    | 0.044     | 0.756        | 0.406      | 0.000   |
| 5    | 3  |         | 0.355    | 0.049     | 0.692        | 0.306      | 0.000   |
| 6    | 1  |         | 0.305    | 0.046     | 0.621        | 0.260      | 0.000   |
| 6    | 2  |         | 0.220    | 0.046     | 0.534        | 0.175      | 0.000   |
| 6    | 3  |         | 0.206    | 0.046     | 0.498        | 0.160      | 0.000   |
| 7    | 1  |         | 0.207    | 0.044     | 0.509        | 0.162      | 0.000   |
| 7    | 2  |         | 0.186    | 0.044     | 0.438        | 0.142      | 0.000   |
| 7    | 3  |         | 0.199    | 0.049     | 0.473        | 0.150      | 0.000   |
| 8    | 1  |         | 0.430    | 0.037     | 0.558        | 0.393      | 0.000   |
| 8    | 2  |         | 0.408    | 0.037     | 0.535        | 0.371      | 0.000   |
| 8    | 3  |         | 0.343    | 0.040     | 0.483        | 0.302      | 0.000   |
| 9    | 1  |         | 0.472    | 0.006     | 0.480        | 0.466      | 0.000   |
| 9    | 2  |         | 0.355    | 0.006     | 0.363        | 0.349      | 0.000   |
| 9    | 3  |         | 0.345    | 0.006     | 0.353        | 0.339      | 0.000   |
| 10   | 1  |         | 0.275    | 0.006     | 0.284        | 0.270      | 0.000   |
| 10   | 2  |         | 0.243    | 0.006     | 0.251        | 0.237      | 0.000   |
| 10   | 3  |         | 0.414    | 0.006     | 0.423        | 0.407      | 0.000   |
| 11   | 1  |         | 0.971    | 0.032     | 1.081        | 0.939      | 0.000   |
| 11   | 2  |         | 1.067    | 0.032     | 1.177        | 1.035      | 0.000   |
| 11   | 3  |         | 1.496    | 0.032     | 1.606        | 1.464      | 0.000   |
| 12   | 1  |         | 1.468    | 0.038     | 1.722        | 1.431      | 0.000   |
| 12   | 2  |         | 1.822    | 0.038     | 2.076        | 1.784      | 0.000   |
| 12   | 3  |         | 0.990    | 0.041     | 1.269        | 0.949      | 0.000   |
| Tot  | al |         | 24.973   | 1.256     | 32.539       | 23.717     | 0.000   |
| 1990 |    | M. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 6.922    | 0.072     | 8.653        | 6.850      | 0.000   |
| 1    | 2  |         | 4.524    | 0.072     | 6.081        | 4.452      | 0.000   |
| 1    | 3  |         | 6.166    | 0.079     | 8.146        | 6.087      | 0.000   |
| 2    | 1  |         | 6.222    | 0.079     | 8.180        | 6.142      | 0.000   |
| 2    | 2  |         | 6.952    | 0.079     | 8.797        | 6.873      | 0.000   |
| 2    | 3  |         | 4.441    | 0.063     | 5.964        | 4.378      | 0.000   |
| 3    | 1  |         | 6.905    | 0.072     | 8.703        | 6.833      | 0.000   |
| 3    | 2  |         | 6.914    | 0.072     | 8.812        | 6.842      | 0.000   |
| 3    | 3  |         | 9.448    | 0.079     | 11.405       | 9.369      | 0.000   |
| 4    | 1  |         | 5.842    | 0.089     | 7.719        | 5.753      | 0.000   |
| 4    | 2  |         | 5.677    | 0.089     | 7.606        | 5.588      | 0.000   |
| 4    | 3  |         | 5.266    | 0.089     | 7.181        | 5.177      | 0.000   |
| 5    | 1  |         | 4.035    | 0.086     | 5.920        | 3.949      | 0.000   |
| 5    | 2  |         | 3.732    | 0.086     | 5.635        | 3.646      | 0.000   |
| 5    | 3  |         | 3.369    | 0.095     | 5.370        | 3.274      | 0.000   |
| 6    | 1  |         | 3.459    | 0.089     | 5.349        | 3.370      | 0.000   |
| 6    | 2  |         | 1.943    | 0.089     | 3.678        | 1.854      | 0.000   |
| 6    | 3  |         | 1.967    | 0.089     | 3.686        | 1.878      | 0.000   |
| 7    | 1  |         | 2.585    | 0.086     | 4.317        | 2.498      | 0.000   |
| 7    | 2  |         | 2.018    | 0.086     | 3.650        | 1.932      | 0.000   |
| 7    | 3  |         | 2.147    | 0.095     | 3.919        | 2.052      | 0.000   |
| 8    | 1  |         | 2.826    | 0.070     | 4.224        | 2.755      | 0.000   |
| 8    | 2  |         | 2.484    | 0.070     | 3.870        | 2.414      | 0.000   |
| 8    | 3  |         | 1.977    | 0.077     | 3.382        | 1.900      | 0.000   |
| 9    | 1  |         | 2.934    | 0.004     | 3.213        | 2.930      | 0.000   |
| 9    | 2  |         | 2.313    | 0.004     | 2.543        | 2.309      | 0.000   |
| 9    | 3  |         | 2.451    | 0.004     | 2.709        | 2.447      | 0.000   |
| 10   | 1  |         | 2.288    | 0.004     | 2.535        | 2.284      | 0.000   |
| 10   | 2  |         | 1.864    | 0.004     | 2.079        | 1.860      | 0.000   |
| 10   | 3  |         | 2.508    | 0.005     | 2.791        | 2.503      | 0.000   |
| 11   | 1  |         | 3.222    | 0.060     | 4.451        | 3.161      | 0.000   |
| 11   | 2  |         | 3.577    | 0.060     | 4.759        | 3.516      | 0.000   |
| 11   | 3  |         | 6.016    | 0.060     | 7.602        | 5.956      | 0.000   |
| 12   | 1  |         | 9.109    | 0.072     | 11.007       | 9.037      | 0.000   |
| 12   | 2  |         | 7.675    | 0.072     | 9.368        | 7.603      | 0.000   |
| 12   | 3  |         | 8.023    | 0.079     | 10.112       | 7.944      | 0.000   |
| Tot  | al |         | 159.801  | 2.386     | 213.414      | 157.414    | 0.000   |



| 1990 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 3.664    | 0.242    | 3.664     | 3.422        | 0.000      |         |
| 1    | 2  | 5.920    | 0.242    | 5.920     | 5.678        | 0.000      |         |
| 1    | 3  | 7.059    | 0.267    | 7.059     | 6.793        | 0.000      |         |
| 2    | 1  | 4.776    | 0.268    | 4.776     | 4.508        | 0.000      |         |
| 2    | 2  | 3.911    | 0.268    | 3.911     | 3.643        | 0.000      |         |
| 2    | 3  | 2.426    | 0.214    | 2.426     | 2.212        | 0.000      |         |
| 3    | 1  | 4.265    | 0.242    | 4.265     | 4.023        | 0.000      |         |
| 3    | 2  | 2.976    | 0.242    | 2.976     | 2.734        | 0.000      |         |
| 3    | 3  | 2.383    | 0.267    | 2.383     | 2.117        | 0.000      |         |
| 4    | 1  | 2.060    | 0.302    | 2.060     | 1.758        | 0.000      |         |
| 4    | 2  | 3.094    | 0.302    | 3.094     | 2.791        | 0.000      |         |
| 4    | 3  | 2.413    | 0.302    | 2.413     | 2.110        | 0.000      |         |
| 5    | 1  | 2.006    | 0.293    | 2.006     | 1.713        | 0.000      |         |
| 5    | 2  | 1.769    | 0.293    | 1.769     | 1.476        | 0.000      |         |
| 5    | 3  | 2.167    | 0.322    | 2.167     | 1.845        | 0.000      |         |
| 6    | 1  | 2.502    | 0.302    | 2.502     | 2.199        | 0.000      |         |
| 6    | 2  | 1.796    | 0.302    | 1.796     | 1.494        | 0.000      |         |
| 6    | 3  | 1.411    | 0.302    | 1.411     | 1.109        | 0.000      |         |
| 7    | 1  | 1.256    | 0.293    | 1.256     | 0.963        | 0.000      |         |
| 7    | 2  | 1.383    | 0.293    | 1.383     | 1.090        | 0.000      |         |
| 7    | 3  | 1.448    | 0.322    | 1.448     | 1.126        | 0.000      |         |
| 8    | 1  | 1.248    | 0.236    | 1.248     | 1.012        | 0.000      |         |
| 8    | 2  | 1.073    | 0.236    | 1.073     | 0.837        | 0.000      |         |
| 8    | 3  | 1.108    | 0.259    | 1.108     | 0.849        | 0.000      |         |
| 9    | 1  | 1.017    | 0.005    | 1.017     | 1.013        | 0.000      |         |
| 9    | 2  | 0.809    | 0.005    | 0.809     | 0.804        | 0.000      |         |
| 9    | 3  | 2.052    | 0.005    | 2.052     | 2.047        | 0.000      |         |
| 10   | 1  | 3.794    | 0.005    | 3.794     | 3.790        | 0.000      |         |
| 10   | 2  | 4.081    | 0.005    | 4.081     | 4.077        | 0.000      |         |
| 10   | 3  | 5.179    | 0.005    | 5.179     | 5.174        | 0.000      |         |
| 11   | 1  | 5.001    | 0.201    | 5.001     | 4.800        | 0.000      |         |
| 11   | 2  | 5.654    | 0.201    | 5.654     | 5.453        | 0.000      |         |
| 11   | 3  | 3.898    | 0.201    | 3.898     | 3.697        | 0.000      |         |
| 12   | 1  | 2.375    | 0.242    | 2.375     | 2.133        | 0.000      |         |
| 12   | 2  | 2.049    | 0.242    | 2.049     | 1.807        | 0.000      |         |
| 12   | 3  | 1.980    | 0.267    | 1.980     | 1.713        | 0.000      |         |
| Tot  | al | 102.006  | 7.995    | 102.006   | 94.011       | 0.000      |         |

| 1990 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 3.744    | 0.174    | 3.939     | 3.570        | 0.000      |         |
| 1    | 2  | 6.006    | 0.174    | 6.200     | 5.832        | 0.000      |         |
| 1    | 3  | 7.120    | 0.191    | 7.335     | 6.929        | 0.000      |         |
| 2    | 1  | 4.813    | 0.192    | 5.028     | 4.621        | 0.000      |         |
| 2    | 2  | 3.961    | 0.192    | 4.176     | 3.769        | 0.000      |         |
| 2    | 3  | 2.535    | 0.154    | 2.707     | 2.381        | 0.000      |         |
| 3    | 1  | 4.366    | 0.174    | 4.561     | 4.192        | 0.000      |         |
| 3    | 2  | 3.051    | 0.174    | 3.246     | 2.877        | 0.000      |         |
| 3    | 3  | 2.424    | 0.191    | 2.638     | 2.232        | 0.000      |         |
| 4    | 1  | 2.044    | 0.219    | 2.286     | 1.824        | 0.000      |         |
| 4    | 2  | 3.070    | 0.219    | 3.313     | 2.851        | 0.000      |         |
| 4    | 3  | 2.340    | 0.219    | 2.583     | 2.121        | 0.000      |         |
| 5    | 1  | 1.946    | 0.212    | 2.181     | 1.733        | 0.000      |         |
| 5    | 2  | 1.682    | 0.212    | 1.917     | 1.470        | 0.000      |         |
| 5    | 3  | 2.057    | 0.234    | 2.315     | 1.823        | 0.000      |         |
| 6    | 1  | 2.417    | 0.219    | 2.660     | 2.198        | 0.000      |         |
| 6    | 2  | 1.711    | 0.219    | 1.954     | 1.492        | 0.000      |         |
| 6    | 3  | 1.294    | 0.219    | 1.537     | 1.075        | 0.000      |         |
| 7    | 1  | 1.142    | 0.212    | 1.377     | 0.930        | 0.000      |         |
| 7    | 2  | 1.251    | 0.212    | 1.486     | 1.039        | 0.000      |         |
| 7    | 3  | 1.279    | 0.234    | 1.538     | 1.046        | 0.000      |         |
| 8    | 1  | 1.128    | 0.174    | 1.318     | 0.954        | 0.000      |         |
| 8    | 2  | 0.951    | 0.174    | 1.140     | 0.776        | 0.000      |         |
| 8    | 3  | 0.956    | 0.192    | 1.165     | 0.765        | 0.000      |         |
| 9    | 1  | 1.060    | 0.005    | 1.065     | 1.055        | 0.000      |         |
| 9    | 2  | 0.842    | 0.005    | 0.847     | 0.837        | 0.000      |         |
| 9    | 3  | 2.080    | 0.005    | 2.085     | 2.075        | 0.000      |         |
| 10   | 1  | 3.820    | 0.005    | 3.825     | 3.815        | 0.000      |         |
| 10   | 2  | 4.103    | 0.005    | 4.107     | 4.098        | 0.000      |         |
| 10   | 3  | 5.201    | 0.006    | 5.206     | 5.195        | 0.000      |         |
| 11   | 1  | 4.868    | 0.147    | 5.030     | 4.720        | 0.000      |         |
| 11   | 2  | 5.517    | 0.147    | 5.679     | 5.370        | 0.000      |         |
| 11   | 3  | 3.765    | 0.147    | 3.927     | 3.617        | 0.000      |         |
| 12   | 1  | 2.201    | 0.174    | 2.396     | 2.027        | 0.000      |         |
| 12   | 2  | 1.879    | 0.174    | 2.074     | 1.705        | 0.000      |         |
| 12   | 3  | 1.784    | 0.191    | 1.998     | 1.592        | 0.000      |         |
| Tot  | al | 100.408  | 5.803    | 106.838   | 94.605       | 0.000      |         |

| 1990 |    | Harileko | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 3.148    |          | 0.328       | 3.148        | 2.821      | 0.000   |
| 1    | 2  | 5.459    |          | 0.328       | 5.459        | 5.131      | 0.000   |
| 1    | 3  | 7.566    |          | 0.361       | 7.566        | 7.205      | 0.000   |
| 2    | 1  | 5.535    |          | 0.363       | 5.535        | 5.172      | 0.000   |
| 2    | 2  | 4.554    |          | 0.363       | 4.554        | 4.191      | 0.000   |
| 2    | 3  | 2.834    |          | 0.290       | 2.834        | 2.544      | 0.000   |
| 3    | 1  | 3.861    |          | 0.328       | 3.861        | 3.533      | 0.000   |
| 3    | 2  | 3.375    |          | 0.328       | 3.375        | 3.047      | 0.000   |
| 3    | 3  | 2.822    |          | 0.361       | 2.822        | 2.462      | 0.000   |
| 4    | 1  | 2.294    |          | 0.470       | 2.294        | 1.824      | 0.000   |
| 4    | 2  | 2.807    |          | 0.470       | 2.807        | 2.337      | 0.000   |
| 4    | 3  | 2.855    |          | 0.470       | 2.855        | 2.384      | 0.000   |
| 5    | 1  | 2.303    |          | 0.455       | 2.303        | 1.847      | 0.000   |
| 5    | 2  | 2.012    |          | 0.455       | 2.012        | 1.557      | 0.000   |
| 5    | 3  | 2.198    |          | 0.501       | 2.198        | 1.698      | 0.000   |
| 6    | 1  | 2.509    |          | 0.470       | 2.509        | 2.038      | 0.000   |
| 6    | 2  | 2.152    |          | 0.470       | 2.152        | 1.682      | 0.000   |
| 6    | 3  | 1.692    |          | 0.470       | 1.692        | 1.221      | 0.000   |
| 7    | 1  | 1.460    |          | 0.455       | 1.460        | 1.005      | 0.000   |
| 7    | 2  | 1.496    |          | 0.455       | 1.496        | 1.040      | 0.000   |
| 7    | 3  | 1.625    |          | 0.501       | 1.625        | 1.124      | 0.000   |
| 8    | 1  | 1.386    |          | 0.451       | 1.386        | 0.935      | 0.000   |
| 8    | 2  | 1.232    |          | 0.451       | 1.232        | 0.781      | 0.000   |
| 8    | 3  | 1.244    |          | 0.496       | 1.244        | 0.747      | 0.000   |
| 9    | 1  | 1.117    |          | 0.002       | 1.117        | 1.115      | 0.000   |
| 9    | 2  | 0.966    |          | 0.002       | 0.966        | 0.964      | 0.000   |
| 9    | 3  | 1.818    |          | 0.002       | 1.818        | 1.816      | 0.000   |
| 10   | 1  | 3.698    |          | 0.002       | 3.698        | 3.696      | 0.000   |
| 10   | 2  | 4.031    |          | 0.002       | 4.031        | 4.029      | 0.000   |
| 10   | 3  | 4.970    |          | 0.002       | 4.970        | 4.968      | 0.000   |
| 11   | 1  | 5.398    |          | 0.335       | 5.398        | 5.062      | 0.000   |
| 11   | 2  | 5.531    |          | 0.335       | 5.531        | 5.196      | 0.000   |
| 11   | 3  | 4.798    |          | 0.335       | 4.798        | 4.463      | 0.000   |
| 12   | 1  | 3.100    |          | 0.328       | 3.100        | 2.772      | 0.000   |
| 12   | 2  | 2.410    |          | 0.328       | 2.410        | 2.082      | 0.000   |
| 12   | 3  | 2.273    |          | 0.361       | 2.273        | 1.913      | 0.000   |
| Tot  | al | 108.528  |          | 12.125      | 108.528      | 96.404     | 0.000   |
|      |    |          |          |             |              |            |         |
| 1990 | U. | Lematang | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 3.001    |          | 0.475       | 3.001        | 2.526      | 0.000   |
| 1    | 2  | 2.867    |          | 0.475       | 2.867        | 2.393      | 0.000   |
| 1    | 3  | 4.509    |          | 0.522       | 4.509        | 3.986      | 0.000   |
| 2    | 1  | 3.495    |          | 0.523       | 3.495        | 2.972      | 0.000   |
| 2    | 2  | 3.107    |          | 0.523       | 3.107        | 2.584      | 0.000   |
| 2    | 3  | 1.853    |          | 0.418       | 1.853        | 1.435      | 0.000   |
| 3    | 1  | 2.351    |          | 0.475       | 2.351        | 1.877      | 0.000   |
| 3    | 2  | 2.516    |          | 0.475       | 2.516        | 2.041      | 0.000   |
| 3    | 3  | 3.237    |          | 0.522       | 3.237        | 2.715      | 0.000   |
| 4    | 1  | 2.415    |          | 0.521       | 2.415        | 1.894      | 0.000   |
| 4    | 2  | 2.323    |          | 0.521       | 2.323        | 1.802      | 0.000   |
| 4    | 3  | 1.944    |          | 0.521       | 1.944        | 1.423      | 0.000   |
| 5    | 1  | 2.742    |          | 0.505       | 2.742        | 2.237      | 0.000   |
| 5    | 2  | 1.268    |          | 0.505       | 1.268        | 0.763      | 0.000   |
| 5    | 3  | 1.410    |          | 0.555       | 1.410        | 0.855      | 0.000   |
| 6    | 1  | 2.276    |          | 0.521       | 2.276        | 1.755      | 0.000   |
| 6    | 2  | 0.957    |          | 0.521       | 0.957        | 0.436      | 0.000   |
| 6    | 3  | 1.132    |          | 0.521       | 1.132        | 0.611      | 0.000   |
| 7    | 1  | 1.878    |          | 0.505       | 1.878        | 1.373      | 0.000   |
| 7    | 2  | 1.573    |          | 0.505       | 1.573        | 1.068      | 0.000   |
| 7    | 3  | 1.316    |          | 0.555       | 1.316        | 0.760      | 0.000   |
| 8    | 1  | 1.392    |          | 0.505       | 1.392        | 0.887      | 0.000   |
| 8    | 2  | 1.068    |          | 0.505       | 1.068        | 0.564      | 0.000   |
| 8    | 3  | 1.094    |          | 0.555       | 1.094        | 0.539      | 0.000   |
| 9    | 1  | 0.711    |          | 0.028       | 0.711        | 0.683      | 0.000   |
| 9    | 2  | 0.627    |          | 0.028       | 0.627        | 0.599      | 0.000   |
| 9    | 3  | 0.885    |          | 0.028       | 0.885        | 0.857      | 0.000   |
| 10   | 1  | 0.824    |          | 0.028       | 0.824        | 0.796      | 0.000   |
| 10   | 2  | 0.718    |          | 0.028       | 0.718        | 0.690      | 0.000   |
| 10   | 3  | 0.866    |          | 0.031       | 0.866        | 0.835      | 0.000   |
| 11   | 1  | 0.916    |          | 0.490       | 0.916        | 0.426      | 0.000   |
| 11   | 2  | 1.121    |          | 0.490       | 1.121        | 0.631      | 0.000   |
| 11   | 3  | 1.704    |          | 0.490       | 1.704        | 1.214      | 0.000   |
| 12   | 1  | 2.679    |          | 0.475       | 2.679        | 2.205      | 0.000   |
| 12   | 2  | 2.089    |          | 0.475       | 2.089        | 1.614      | 0.000   |
| 12   | 3  | 2.176    |          | 0.522       | 2.176        | 1.654      | 0.000   |
| Tot  | al | 67.039   |          | 15.340      | 67.039       | 51.699     | 0.000   |

| 1990 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.522                | 0.420       | 3.907        | 3.102      | 0.000   |
| 1    | 2  | 3.653                | 0.420       | 4.038        | 3.233      | 0.000   |
| 1    | 3  | 5.374                | 0.462       | 5.798        | 4.913      | 0.000   |
| 2    | 1  | 4.397                | 0.464       | 4.821        | 3.933      | 0.000   |
| 2    | 2  | 3.798                | 0.464       | 4.222        | 3.335      | 0.000   |
| 2    | 3  | 2.207                | 0.371       | 2.546        | 1.836      | 0.000   |
| 3    | 1  | 2.738                | 0.420       | 3.124        | 2.319      | 0.000   |
| 3    | 2  | 2.917                | 0.420       | 3.303        | 2.498      | 0.000   |
| 3    | 3  | 3.780                | 0.462       | 4.204        | 3.318      | 0.000   |
| 4    | 1  | 3.062                | 0.566       | 3.484        | 2.496      | 0.000   |
| 4    | 2  | 2.709                | 0.566       | 3.131        | 2.143      | 0.000   |
| 4    | 3  | 2.180                | 0.566       | 2.602        | 1.615      | 0.000   |
| 5    | 1  | 2.981                | 0.548       | 3.391        | 2.434      | 0.000   |
| 5    | 2  | 1.412                | 0.548       | 1.821        | 0.864      | 0.000   |
| 5    | 3  | 1.496                | 0.602       | 1.946        | 0.893      | 0.000   |
| 6    | 1  | 2.288                | 0.566       | 2.710        | 1.722      | 0.000   |
| 6    | 2  | 0.967                | 0.566       | 1.389        | 0.401      | 0.000   |
| 6    | 3  | 1.109                | 0.566       | 1.531        | 0.544      | 0.000   |
| 7    | 1  | 1.843                | 0.548       | 2.253        | 1.295      | 0.000   |
| 7    | 2  | 1.500                | 0.548       | 1.910        | 0.953      | 0.000   |
| 7    | 3  | 1.182                | 0.602       | 1.633        | 0.580      | 0.000   |
| 8    | 1  | 1.251                | 0.548       | 1.661        | 0.704      | 0.000   |
| 8    | 2  | 1.041                | 0.548       | 1.451        | 0.494      | 0.000   |
| 8    | 3  | 1.047                | 0.602       | 1.497        | 0.444      | 0.000   |
| 9    | 1  | 0.974                | 0.009       | 1.002        | 0.964      | 0.000   |
| 9    | 2  | 0.860                | 0.009       | 0.888        | 0.851      | 0.000   |
| 9    | 3  | 1.078                | 0.009       | 1.106        | 1.068      | 0.000   |
| 10   | 1  | 0.987                | 0.009       | 1.015        | 0.977      | 0.000   |
| 10   | 2  | 0.860                | 0.009       | 0.888        | 0.850      | 0.000   |
| 10   | 3  | 1.014                | 0.010       | 1.044        | 1.003      | 0.000   |
| 11   | 1  | 0.662                | 0.433       | 1.059        | 0.366      | 0.138   |
| 11   | 2  | 0.874                | 0.433       | 1.272        | 0.441      | 0.000   |
| 11   | 3  | 1.503                | 0.433       | 1.901        | 1.070      | 0.000   |
| 12   | 1  | 2.479                | 0.420       | 2.864        | 2.059      | 0.000   |
| 12   | 2  | 2.103                | 0.420       | 2.488        | 1.683      | 0.000   |
| 12   | 3  | 2.428                | 0.462       | 2.852        | 1.966      | 0.000   |
| Tot  | al | 74.275               | 15.047      | 86.752       | 59.366     | 0.138   |
|      |    |                      |             |              |            |         |
| 1990 |    | U. Ogan<br>Water R.  | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 2.041                | 0.354       | 2.041        | 1.687      | 0.000   |
| 1    | 2  | 2.121                | 0.354       | 2.121        | 1.767      | 0.000   |
| 1    | 3  | 2.440                | 0.390       | 2.440        | 2.050      | 0.000   |
| 2    | 1  | 2.762                | 0.388       | 2.762        | 2.374      | 0.000   |
| 2    | 2  | 2.068                | 0.388       | 2.068        | 1.679      | 0.000   |
| 2    | 3  | 1.451                | 0.311       | 1.451        | 1.141      | 0.000   |
| 3    | 1  | 1.456                | 0.354       | 1.456        | 1.102      | 0.000   |
| 3    | 2  | 1.951                | 0.354       | 1.951        | 1.597      | 0.000   |
| 3    | 3  | 2.842                | 0.390       | 2.842        | 2.453      | 0.000   |
| 4    | 1  | 1.989                | 0.379       | 1.989        | 1.610      | 0.000   |
| 4    | 2  | 1.176                | 0.379       | 1.176        | 0.796      | 0.000   |
| 4    | 3  | 0.944                | 0.379       | 0.944        | 0.565      | 0.000   |
| 5    | 1  | 1.001                | 0.368       | 1.001        | 0.632      | 0.000   |
| 5    | 2  | 1.251                | 0.368       | 1.251        | 0.883      | 0.000   |
| 5    | 3  | 1.160                | 0.405       | 1.160        | 0.754      | 0.000   |
| 6    | 1  | 1.077                | 0.379       | 1.077        | 0.698      | 0.000   |
| 6    | 2  | 0.912                | 0.379       | 0.912        | 0.532      | 0.000   |
| 6    | 3  | 0.795                | 0.379       | 0.795        | 0.415      | 0.000   |
| 7    | 1  | 0.748                | 0.368       | 0.748        | 0.380      | 0.000   |
| 7    | 2  | 0.669                | 0.368       | 0.669        | 0.301      | 0.000   |
| 7    | 3  | 0.620                | 0.405       | 0.620        | 0.215      | 0.000   |
| 8    | 1  | 0.534                | 0.105       | 0.534        | 0.429      | 0.000   |
| 8    | 2  | 0.761                | 0.105       | 0.761        | 0.656      | 0.000   |
| 8    | 3  | 0.645                | 0.116       | 0.645        | 0.529      | 0.000   |
| 9    | 1  | 0.450                | 0.037       | 0.450        | 0.412      | 0.000   |
| 9    | 2  | 0.401                | 0.037       | 0.401        | 0.364      | 0.000   |
| 9    | 3  | 0.372                | 0.037       | 0.372        | 0.335      | 0.000   |
| 10   | 1  | 0.314                | 0.037       | 0.314        | 0.276      | 0.000   |
| 10   | 2  | 0.276                | 0.037       | 0.276        | 0.239      | 0.000   |
| 10   | 3  | 0.299                | 0.041       | 0.299        | 0.258      | 0.000   |
| 11   | 1  | 0.235                | 0.141       | 0.235        | 0.116      | 0.021   |
| 11   | 2  | 0.341                | 0.141       | 0.341        | 0.201      | 0.000   |
| 11   | 3  | 0.531                | 0.141       | 0.531        | 0.390      | 0.000   |
| 12   | 1  | 0.606                | 0.354       | 0.606        | 0.251      | 0.000   |
| 12   | 2  | 1.391                | 0.354       | 1.391        | 1.036      | 0.000   |
| 12   | 3  | 2.379                | 0.390       | 2.379        | 1.989      | 0.000   |
| Tot  | al | 41.008               | 9.918       | 41.008       | 31.112     | 0.021   |

| 1990 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 3.575   | 0.586    | 3.866       | 2.990        | 0.000      |         |
| 1    | 2  | 4.283   | 0.586    | 4.574       | 3.698        | 0.000      |         |
| 1    | 3  | 5.095   | 0.644    | 5.415       | 4.451        | 0.000      |         |
| 2    | 1  | 4.696   | 0.647    | 5.014       | 4.049        | 0.000      |         |
| 2    | 2  | 3.646   | 0.647    | 3.964       | 2.998        | 0.000      |         |
| 2    | 3  | 2.674   | 0.518    | 2.929       | 2.156        | 0.000      |         |
| 3    | 1  | 3.001   | 0.586    | 3.292       | 2.416        | 0.000      |         |
| 3    | 2  | 3.346   | 0.586    | 3.637       | 2.760        | 0.000      |         |
| 3    | 3  | 4.301   | 0.644    | 4.621       | 3.656        | 0.000      |         |
| 4    | 1  | 4.237   | 0.163    | 4.548       | 4.074        | 0.000      |         |
| 4    | 2  | 2.678   | 0.163    | 2.989       | 2.515        | 0.000      |         |
| 4    | 3  | 2.059   | 0.163    | 2.370       | 1.897        | 0.000      |         |
| 5    | 1  | 2.424   | 0.158    | 2.727       | 2.267        | 0.000      |         |
| 5    | 2  | 2.456   | 0.158    | 2.758       | 2.298        | 0.000      |         |
| 5    | 3  | 2.435   | 0.174    | 2.767       | 2.261        | 0.000      |         |
| 6    | 1  | 1.919   | 0.163    | 2.230       | 1.756        | 0.000      |         |
| 6    | 2  | 1.685   | 0.163    | 1.996       | 1.523        | 0.000      |         |
| 6    | 3  | 1.423   | 0.163    | 1.734       | 1.261        | 0.000      |         |
| 7    | 1  | 1.272   | 0.158    | 1.574       | 1.115        | 0.000      |         |
| 7    | 2  | 1.105   | 0.158    | 1.407       | 0.947        | 0.000      |         |
| 7    | 3  | 0.981   | 0.174    | 1.314       | 0.808        | 0.000      |         |
| 8    | 1  | 0.998   | 0.122    | 1.089       | 0.876        | 0.000      |         |
| 8    | 2  | 1.320   | 0.122    | 1.411       | 1.198        | 0.000      |         |
| 8    | 3  | 1.229   | 0.134    | 1.329       | 1.095        | 0.000      |         |
| 9    | 1  | 1.005   | 0.009    | 1.042       | 0.996        | 0.000      |         |
| 9    | 2  | 0.929   | 0.009    | 0.967       | 0.920        | 0.000      |         |
| 9    | 3  | 0.831   | 0.009    | 0.868       | 0.821        | 0.000      |         |
| 10   | 1  | 0.716   | 0.009    | 0.753       | 0.707        | 0.000      |         |
| 10   | 2  | 0.623   | 0.009    | 0.660       | 0.613        | 0.000      |         |
| 10   | 3  | 0.785   | 0.010    | 0.826       | 0.774        | 0.000      |         |
| 11   | 1  | 0.580   | 0.574    | 0.683       | 0.257        | 0.251      |         |
| 11   | 2  | 0.675   | 0.574    | 0.795       | 0.257        | 0.156      |         |
| 11   | 3  | 1.101   | 0.574    | 1.221       | 0.527        | 0.000      |         |
| 12   | 1  | 1.048   | 0.586    | 1.339       | 0.462        | 0.000      |         |
| 12   | 2  | 2.870   | 0.586    | 3.161       | 2.285        | 0.000      |         |
| 12   | 3  | 5.321   | 0.644    | 5.641       | 4.677        | 0.000      |         |
| Tot  | al | 79.324  | 11.371   | 87.512      | 68.359       | 0.407      |         |

  

| 1990 | U. | Komering | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 3.524    | 0.884    | 3.524       | 2.640        | 0.000      |         |
| 1    | 2  | 2.549    | 0.884    | 2.549       | 1.666        | 0.000      |         |
| 1    | 3  | 3.602    | 0.972    | 3.602       | 2.630        | 0.000      |         |
| 2    | 1  | 4.906    | 0.973    | 4.906       | 3.933        | 0.000      |         |
| 2    | 2  | 2.588    | 0.973    | 2.588       | 1.616        | 0.000      |         |
| 2    | 3  | 1.939    | 0.778    | 1.939       | 1.161        | 0.000      |         |
| 3    | 1  | 2.335    | 0.884    | 2.335       | 1.452        | 0.000      |         |
| 3    | 2  | 2.682    | 0.884    | 2.682       | 1.799        | 0.000      |         |
| 3    | 3  | 4.425    | 0.972    | 4.425       | 3.453        | 0.000      |         |
| 4    | 1  | 2.382    | 1.094    | 2.382       | 1.288        | 0.000      |         |
| 4    | 2  | 2.044    | 1.094    | 2.044       | 0.950        | 0.000      |         |
| 4    | 3  | 1.939    | 1.094    | 1.939       | 0.845        | 0.000      |         |
| 5    | 1  | 1.844    | 1.060    | 1.844       | 0.784        | 0.000      |         |
| 5    | 2  | 1.540    | 1.060    | 1.540       | 0.479        | 0.000      |         |
| 5    | 3  | 1.603    | 1.166    | 1.603       | 0.437        | 0.000      |         |
| 6    | 1  | 1.967    | 1.094    | 1.967       | 0.873        | 0.000      |         |
| 6    | 2  | 1.440    | 1.094    | 1.440       | 0.350        | 0.004      |         |
| 6    | 3  | 1.311    | 1.094    | 1.311       | 0.350        | 0.133      |         |
| 7    | 1  | 1.360    | 1.060    | 1.360       | 0.350        | 0.050      |         |
| 7    | 2  | 1.210    | 1.060    | 1.210       | 0.350        | 0.200      |         |
| 7    | 3  | 1.161    | 1.166    | 1.161       | 0.385        | 0.390      |         |
| 8    | 1  | 1.094    | 0.053    | 1.094       | 1.041        | 0.000      |         |
| 8    | 2  | 1.305    | 0.053    | 1.305       | 1.252        | 0.000      |         |
| 8    | 3  | 1.103    | 0.058    | 1.103       | 1.046        | 0.000      |         |
| 9    | 1  | 0.878    | 0.053    | 0.878       | 0.826        | 0.000      |         |
| 9    | 2  | 0.801    | 0.053    | 0.801       | 0.749        | 0.000      |         |
| 9    | 3  | 0.723    | 0.053    | 0.723       | 0.671        | 0.000      |         |
| 10   | 1  | 0.712    | 0.053    | 0.712       | 0.660        | 0.000      |         |
| 10   | 2  | 0.556    | 0.053    | 0.556       | 0.503        | 0.000      |         |
| 10   | 3  | 0.569    | 0.058    | 0.569       | 0.511        | 0.000      |         |
| 11   | 1  | 0.553    | 0.053    | 0.553       | 0.500        | 0.000      |         |
| 11   | 2  | 0.610    | 0.053    | 0.610       | 0.557        | 0.000      |         |
| 11   | 3  | 1.207    | 0.053    | 1.207       | 1.154        | 0.000      |         |
| 12   | 1  | 3.211    | 0.884    | 3.211       | 2.327        | 0.000      |         |
| 12   | 2  | 5.086    | 0.884    | 5.086       | 4.202        | 0.000      |         |
| 12   | 3  | 6.316    | 0.972    | 6.316       | 5.344        | 0.000      |         |
| Tot  | al | 73.074   | 24.720   | 73.074      | 49.131       | 0.777      |         |

| 1990 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 5.469                | 0.964       | 6.253        | 4.505      | 0.000   |
| 1    | 2  | 4.545                | 0.964       | 5.329        | 3.580      | 0.000   |
| 1    | 3  | 6.578                | 1.061       | 7.441        | 5.518      | 0.000   |
| 2    | 1  | 8.227                | 1.063       | 9.089        | 7.163      | 0.000   |
| 2    | 2  | 6.198                | 1.063       | 7.060        | 5.135      | 0.000   |
| 2    | 3  | 4.484                | 0.851       | 5.174        | 3.633      | 0.000   |
| 3    | 1  | 4.879                | 0.964       | 5.663        | 3.915      | 0.000   |
| 3    | 2  | 5.459                | 0.964       | 6.243        | 4.494      | 0.000   |
| 3    | 3  | 8.811                | 1.061       | 9.673        | 7.750      | 0.000   |
| 4    | 1  | 5.788                | 1.295       | 6.757        | 4.493      | 0.000   |
| 4    | 2  | 3.835                | 1.295       | 4.804        | 2.540      | 0.000   |
| 4    | 3  | 3.071                | 1.295       | 4.040        | 1.775      | 0.000   |
| 5    | 1  | 2.905                | 1.255       | 3.844        | 1.650      | 0.000   |
| 5    | 2  | 3.878                | 1.255       | 4.818        | 2.624      | 0.000   |
| 5    | 3  | 4.199                | 1.380       | 5.232        | 2.818      | 0.000   |
| 6    | 1  | 3.339                | 1.295       | 4.308        | 2.043      | 0.000   |
| 6    | 2  | 2.750                | 1.295       | 3.715        | 1.454      | 0.000   |
| 6    | 3  | 2.612                | 1.295       | 3.464        | 1.317      | 0.000   |
| 7    | 1  | 2.642                | 1.255       | 3.538        | 1.387      | 0.000   |
| 7    | 2  | 2.436                | 1.255       | 3.199        | 1.181      | 0.000   |
| 7    | 3  | 2.282                | 1.380       | 2.972        | 0.902      | 0.000   |
| 8    | 1  | 2.538                | 1.003       | 2.591        | 1.535      | 0.000   |
| 8    | 2  | 2.798                | 1.003       | 2.851        | 1.795      | 0.000   |
| 8    | 3  | 2.783                | 1.104       | 2.841        | 1.679      | 0.000   |
| 9    | 1  | 2.347                | 0.041       | 2.400        | 2.306      | 0.000   |
| 9    | 2  | 2.063                | 0.041       | 2.115        | 2.022      | 0.000   |
| 9    | 3  | 1.824                | 0.041       | 1.877        | 1.783      | 0.000   |
| 10   | 1  | 1.733                | 0.041       | 1.786        | 1.692      | 0.000   |
| 10   | 2  | 1.443                | 0.041       | 1.495        | 1.402      | 0.000   |
| 10   | 3  | 1.450                | 0.045       | 1.508        | 1.405      | 0.000   |
| 11   | 1  | 1.271                | 0.781       | 1.324        | 0.546      | 0.055   |
| 11   | 2  | 1.616                | 0.781       | 1.669        | 0.835      | 0.000   |
| 11   | 3  | 3.051                | 0.781       | 3.104        | 2.271      | 0.000   |
| 12   | 1  | 4.756                | 0.964       | 5.540        | 3.792      | 0.000   |
| 12   | 2  | 8.263                | 0.964       | 9.047        | 7.298      | 0.000   |
| 12   | 3  | 10.121               | 1.061       | 10.983       | 9.060      | 0.000   |
| Tot  | al | 142.445              | 33.201      | 163.745      | 109.299    | 0.055   |
|      |    |                      |             |              |            |         |
| 1990 | L. | L. Musi<br>Water R.  | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 25.576               | 0.914       | 30.902       | 24.662     | 0.000   |
| 1    | 2  | 27.881               | 0.914       | 33.033       | 26.968     | 0.000   |
| 1    | 3  | 37.686               | 1.005       | 43.620       | 36.681     | 0.000   |
| 2    | 1  | 33.672               | 0.980       | 39.590       | 32.693     | 0.000   |
| 2    | 2  | 28.817               | 0.980       | 34.621       | 27.837     | 0.000   |
| 2    | 3  | 18.706               | 0.784       | 23.397       | 17.923     | 0.000   |
| 3    | 1  | 25.309               | 0.914       | 30.701       | 24.395     | 0.000   |
| 3    | 2  | 24.485               | 0.914       | 29.979       | 23.572     | 0.000   |
| 3    | 3  | 31.045               | 1.005       | 36.956       | 30.040     | 0.000   |
| 4    | 1  | 22.695               | 1.168       | 28.616       | 21.528     | 0.000   |
| 4    | 2  | 19.849               | 1.168       | 25.821       | 18.681     | 0.000   |
| 4    | 3  | 16.576               | 1.168       | 22.535       | 15.408     | 0.000   |
| 5    | 1  | 15.433               | 1.139       | 21.237       | 14.293     | 0.000   |
| 5    | 2  | 14.050               | 1.139       | 19.873       | 12.911     | 0.000   |
| 5    | 3  | 14.471               | 1.253       | 20.783       | 13.217     | 0.000   |
| 6    | 1  | 14.697               | 1.168       | 20.631       | 13.529     | 0.000   |
| 6    | 2  | 9.919                | 1.168       | 15.694       | 8.751      | 0.000   |
| 6    | 3  | 8.731                | 1.168       | 14.377       | 7.563      | 0.000   |
| 7    | 1  | 9.586                | 1.139       | 15.194       | 8.447      | 0.000   |
| 7    | 2  | 8.380                | 1.139       | 13.755       | 7.240      | 0.000   |
| 7    | 3  | 7.829                | 1.253       | 13.570       | 6.576      | 0.000   |
| 8    | 1  | 8.861                | 1.128       | 12.759       | 7.733      | 0.000   |
| 8    | 2  | 8.656                | 1.128       | 12.541       | 7.528      | 0.000   |
| 8    | 3  | 7.891                | 1.241       | 12.045       | 6.650      | 0.000   |
| 9    | 1  | 9.842                | 0.298       | 10.314       | 9.544      | 0.000   |
| 9    | 2  | 8.303                | 0.298       | 8.726        | 8.004      | 0.000   |
| 9    | 3  | 10.366               | 0.298       | 10.817       | 10.068     | 0.000   |
| 10   | 1  | 13.488               | 0.298       | 13.928       | 13.190     | 0.000   |
| 10   | 2  | 13.132               | 0.298       | 13.540       | 12.834     | 0.000   |
| 10   | 3  | 16.211               | 0.328       | 16.707       | 15.882     | 0.000   |
| 11   | 1  | 15.039               | 0.925       | 18.394       | 14.115     | 0.000   |
| 11   | 2  | 16.675               | 0.925       | 20.230       | 15.750     | 0.000   |
| 11   | 3  | 19.113               | 0.925       | 23.196       | 18.189     | 0.000   |
| 12   | 1  | 21.609               | 0.914       | 27.103       | 20.696     | 0.000   |
| 12   | 2  | 24.660               | 0.914       | 29.948       | 23.746     | 0.000   |
| 12   | 3  | 29.081               | 1.005       | 35.123       | 28.076     | 0.000   |
| Tot  | al | 638.320              | 33.401      | 800.258      | 604.920    | 0.000   |

| 1990 | Mu | si Mouth | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 27.449   | 0.491     | 33.689       | 27.055     | 0.000   |
| 1    | 2  |          | 30.508   | 0.491     | 36.573       | 30.114     | 0.000   |
| 1    | 3  |          | 41.043   | 0.540     | 47.982       | 40.609     | 0.000   |
| 2    | 1  |          | 38.894   | 0.543     | 45.792       | 38.459     | 0.000   |
| 2    | 2  |          | 35.905   | 0.543     | 42.689       | 35.470     | 0.000   |
| 2    | 3  |          | 23.360   | 0.434     | 28.834       | 23.011     | 0.000   |
| 3    | 1  |          | 30.239   | 0.491     | 36.545       | 29.845     | 0.000   |
| 3    | 2  |          | 28.617   | 0.491     | 35.024       | 28.223     | 0.000   |
| 3    | 3  |          | 35.706   | 0.540     | 42.622       | 35.273     | 0.000   |
| 4    | 1  |          | 27.224   | 0.705     | 34.312       | 26.659     | 0.000   |
| 4    | 2  |          | 22.989   | 0.705     | 30.129       | 22.423     | 0.000   |
| 4    | 3  |          | 18.501   | 0.705     | 25.628       | 17.935     | 0.000   |
| 5    | 1  |          | 17.545   | 0.683     | 24.489       | 16.997     | 0.000   |
| 5    | 2  |          | 17.090   | 0.683     | 24.052       | 16.542     | 0.000   |
| 5    | 3  |          | 17.254   | 0.751     | 24.820       | 16.652     | 0.000   |
| 6    | 1  |          | 17.077   | 0.705     | 24.179       | 16.512     | 0.000   |
| 6    | 2  |          | 12.114   | 0.705     | 19.057       | 11.549     | 0.000   |
| 6    | 3  |          | 10.930   | 0.705     | 17.744       | 10.364     | 0.000   |
| 7    | 1  |          | 11.947   | 0.683     | 18.694       | 11.399     | 0.000   |
| 7    | 2  |          | 10.225   | 0.683     | 16.740       | 9.678      | 0.000   |
| 7    | 3  |          | 9.614    | 0.751     | 16.608       | 9.012      | 0.000   |
| 8    | 1  |          | 10.416   | 0.671     | 15.442       | 9.878      | 0.000   |
| 8    | 2  |          | 9.775    | 0.671     | 14.787       | 9.236      | 0.000   |
| 8    | 3  |          | 8.719    | 0.738     | 14.114       | 8.126      | 0.000   |
| 9    | 1  |          | 11.262   | 0.007     | 12.032       | 11.255     | 0.000   |
| 9    | 2  |          | 9.463    | 0.007     | 10.185       | 9.457      | 0.000   |
| 9    | 3  |          | 11.423   | 0.007     | 12.173       | 11.416     | 0.000   |
| 10   | 1  |          | 14.482   | 0.007     | 15.220       | 14.475     | 0.000   |
| 10   | 2  |          | 13.987   | 0.007     | 14.693       | 13.980     | 0.000   |
| 10   | 3  |          | 17.220   | 0.007     | 18.045       | 17.213     | 0.000   |
| 11   | 1  |          | 15.743   | 0.497     | 20.022       | 15.343     | 0.000   |
| 11   | 2  |          | 18.877   | 0.497     | 23.356       | 18.478     | 0.000   |
| 11   | 3  |          | 24.808   | 0.497     | 29.815       | 24.408     | 0.000   |
| 12   | 1  |          | 26.191   | 0.491     | 32.598       | 25.797     | 0.000   |
| 12   | 2  |          | 29.553   | 0.491     | 35.754       | 29.159     | 0.000   |
| 12   | 3  |          | 33.135   | 0.540     | 40.182       | 32.701     | 0.000   |
| Tot  | al |          | 739.281  | 18.159    | 934.619      | 724.704    | 0.000   |
| 1991 |    | U. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 4.827    | 1.310     | 4.759        | 3.580      | 0.000   |
| 1    | 2  |          | 3.823    | 1.068     | 3.755        | 2.818      | 0.000   |
| 1    | 3  |          | 4.930    | 1.443     | 4.855        | 3.557      | 0.000   |
| 2    | 1  |          | 4.164    | 1.286     | 4.089        | 2.948      | 0.000   |
| 2    | 2  |          | 2.689    | 1.092     | 2.614        | 1.668      | 0.000   |
| 2    | 3  |          | 1.708    | 0.811     | 1.648        | 0.953      | 0.000   |
| 3    | 1  |          | 7.480    | 1.348     | 7.412        | 6.196      | 0.000   |
| 3    | 2  |          | 4.898    | 1.214     | 4.830        | 3.748      | 0.000   |
| 3    | 3  |          | 4.460    | 1.289     | 4.386        | 3.241      | 0.000   |
| 4    | 1  |          | 6.125    | 1.514     | 6.040        | 4.690      | 0.000   |
| 4    | 2  |          | 2.783    | 1.197     | 2.698        | 1.665      | 0.000   |
| 4    | 3  |          | 2.711    | 1.262     | 2.626        | 1.529      | 0.000   |
| 5    | 1  |          | 5.796    | 1.488     | 5.714        | 4.386      | 0.000   |
| 5    | 2  |          | 2.899    | 1.207     | 2.817        | 1.769      | 0.000   |
| 5    | 3  |          | 2.382    | 1.183     | 2.292        | 1.284      | 0.000   |
| 6    | 1  |          | 1.810    | 1.080     | 1.725        | 0.810      | 0.000   |
| 6    | 2  |          | 1.762    | 1.054     | 1.678        | 0.788      | 0.000   |
| 6    | 3  |          | 1.623    | 1.052     | 1.538        | 0.650      | 0.000   |
| 7    | 1  |          | 1.548    | 1.023     | 1.466        | 0.608      | 0.007   |
| 7    | 2  |          | 1.416    | 1.001     | 1.334        | 0.585      | 0.117   |
| 7    | 3  |          | 1.482    | 1.094     | 1.391        | 0.630      | 0.197   |
| 8    | 1  |          | 1.280    | 0.912     | 1.214        | 0.576      | 0.163   |
| 8    | 2  |          | 1.174    | 0.894     | 1.108        | 0.559      | 0.252   |
| 8    | 3  |          | 1.234    | 0.975     | 1.161        | 0.605      | 0.327   |
| 9    | 1  |          | 1.032    | 0.169     | 1.032        | 0.863      | 0.000   |
| 9    | 2  |          | 0.940    | 0.159     | 0.940        | 0.780      | 0.000   |
| 9    | 3  |          | 0.882    | 0.150     | 0.882        | 0.732      | 0.000   |
| 10   | 1  |          | 0.814    | 0.143     | 0.814        | 0.671      | 0.000   |
| 10   | 2  |          | 0.933    | 0.147     | 0.933        | 0.786      | 0.000   |
| 10   | 3  |          | 0.846    | 0.148     | 0.846        | 0.698      | 0.000   |
| 11   | 1  |          | 0.887    | 0.741     | 0.838        | 0.532      | 0.385   |
| 11   | 2  |          | 1.202    | 0.776     | 1.145        | 0.576      | 0.106   |
| 11   | 3  |          | 4.199    | 1.017     | 4.142        | 3.248      | 0.000   |
| 12   | 1  |          | 4.185    | 1.154     | 4.117        | 3.094      | 0.000   |
| 12   | 2  |          | 3.758    | 1.031     | 3.690        | 2.790      | 0.000   |
| 12   | 3  |          | 5.727    | 1.468     | 5.652        | 4.328      | 0.000   |
| Tot  | al |          | 100.407  | 34.899    | 98.183       | 68.941     | 1.555   |

| 1991 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.123   | 0.295    | 1.123     | 0.828        | 0.000      |         |
| 1    | 2  | 1.431   | 0.295    | 1.431     | 1.136        | 0.000      |         |
| 1    | 3  | 1.952   | 0.325    | 1.952     | 1.627        | 0.000      |         |
| 2    | 1  | 1.888   | 0.325    | 1.888     | 1.563        | 0.000      |         |
| 2    | 2  | 1.343   | 0.325    | 1.343     | 1.018        | 0.000      |         |
| 2    | 3  | 0.725   | 0.260    | 0.725     | 0.465        | 0.000      |         |
| 3    | 1  | 1.002   | 0.295    | 1.002     | 0.707        | 0.000      |         |
| 3    | 2  | 1.192   | 0.295    | 1.192     | 0.897        | 0.000      |         |
| 3    | 3  | 1.021   | 0.325    | 1.021     | 0.696        | 0.000      |         |
| 4    | 1  | 1.484   | 0.365    | 1.484     | 1.119        | 0.000      |         |
| 4    | 2  | 1.245   | 0.365    | 1.245     | 0.879        | 0.000      |         |
| 4    | 3  | 1.054   | 0.365    | 1.054     | 0.688        | 0.000      |         |
| 5    | 1  | 1.504   | 0.354    | 1.504     | 1.150        | 0.000      |         |
| 5    | 2  | 1.761   | 0.354    | 1.761     | 1.407        | 0.000      |         |
| 5    | 3  | 1.311   | 0.390    | 1.311     | 0.921        | 0.000      |         |
| 6    | 1  | 0.971   | 0.365    | 0.971     | 0.605        | 0.000      |         |
| 6    | 2  | 0.817   | 0.365    | 0.817     | 0.451        | 0.000      |         |
| 6    | 3  | 0.713   | 0.365    | 0.713     | 0.348        | 0.000      |         |
| 7    | 1  | 0.695   | 0.354    | 0.695     | 0.341        | 0.000      |         |
| 7    | 2  | 0.603   | 0.354    | 0.603     | 0.249        | 0.000      |         |
| 7    | 3  | 0.579   | 0.390    | 0.579     | 0.189        | 0.000      |         |
| 8    | 1  | 0.487   | 0.192    | 0.487     | 0.296        | 0.000      |         |
| 8    | 2  | 0.423   | 0.192    | 0.423     | 0.231        | 0.000      |         |
| 8    | 3  | 0.401   | 0.211    | 0.401     | 0.190        | 0.000      |         |
| 9    | 1  | 0.329   | 0.019    | 0.329     | 0.310        | 0.000      |         |
| 9    | 2  | 0.295   | 0.019    | 0.295     | 0.276        | 0.000      |         |
| 9    | 3  | 0.255   | 0.019    | 0.255     | 0.236        | 0.000      |         |
| 10   | 1  | 0.225   | 0.019    | 0.225     | 0.206        | 0.000      |         |
| 10   | 2  | 0.198   | 0.019    | 0.198     | 0.179        | 0.000      |         |
| 10   | 3  | 0.192   | 0.021    | 0.192     | 0.171        | 0.000      |         |
| 11   | 1  | 0.153   | 0.166    | 0.153     | 0.028        | 0.041      |         |
| 11   | 2  | 0.175   | 0.166    | 0.175     | 0.028        | 0.019      |         |
| 11   | 3  | 0.418   | 0.166    | 0.418     | 0.251        | 0.000      |         |
| 12   | 1  | 0.731   | 0.295    | 0.731     | 0.436        | 0.000      |         |
| 12   | 2  | 0.919   | 0.295    | 0.919     | 0.624        | 0.000      |         |
| 12   | 3  | 1.276   | 0.325    | 1.276     | 0.951        | 0.000      |         |
| Tot  | al | 30.890  | 9.252    | 30.890    | 21.697       | 0.060      |         |

| 1991 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.984    | 0.211    | 0.984     | 0.772        | 0.000      |         |
| 1    | 2  | 1.307    | 0.211    | 1.307     | 1.096        | 0.000      |         |
| 1    | 3  | 1.896    | 0.233    | 1.896     | 1.663        | 0.000      |         |
| 2    | 1  | 1.786    | 0.234    | 1.786     | 1.553        | 0.000      |         |
| 2    | 2  | 1.291    | 0.234    | 1.291     | 1.057        | 0.000      |         |
| 2    | 3  | 0.770    | 0.187    | 0.770     | 0.583        | 0.000      |         |
| 3    | 1  | 0.971    | 0.211    | 0.971     | 0.759        | 0.000      |         |
| 3    | 2  | 1.000    | 0.211    | 1.000     | 0.788        | 0.000      |         |
| 3    | 3  | 0.942    | 0.233    | 0.942     | 0.709        | 0.000      |         |
| 4    | 1  | 1.183    | 0.265    | 1.183     | 0.918        | 0.000      |         |
| 4    | 2  | 1.021    | 0.265    | 1.021     | 0.756        | 0.000      |         |
| 4    | 3  | 0.989    | 0.265    | 0.989     | 0.724        | 0.000      |         |
| 5    | 1  | 1.422    | 0.257    | 1.422     | 1.165        | 0.000      |         |
| 5    | 2  | 1.720    | 0.257    | 1.720     | 1.463        | 0.000      |         |
| 5    | 3  | 1.341    | 0.282    | 1.341     | 1.059        | 0.000      |         |
| 6    | 1  | 1.036    | 0.265    | 1.036     | 0.771        | 0.000      |         |
| 6    | 2  | 0.889    | 0.265    | 0.889     | 0.624        | 0.000      |         |
| 6    | 3  | 0.783    | 0.265    | 0.783     | 0.517        | 0.000      |         |
| 7    | 1  | 0.753    | 0.257    | 0.753     | 0.497        | 0.000      |         |
| 7    | 2  | 0.660    | 0.257    | 0.660     | 0.403        | 0.000      |         |
| 7    | 3  | 0.637    | 0.282    | 0.637     | 0.355        | 0.000      |         |
| 8    | 1  | 0.536    | 0.229    | 0.536     | 0.307        | 0.000      |         |
| 8    | 2  | 0.467    | 0.229    | 0.467     | 0.238        | 0.000      |         |
| 8    | 3  | 0.445    | 0.252    | 0.445     | 0.193        | 0.000      |         |
| 9    | 1  | 0.362    | 0.006    | 0.362     | 0.356        | 0.000      |         |
| 9    | 2  | 0.325    | 0.006    | 0.325     | 0.319        | 0.000      |         |
| 9    | 3  | 0.283    | 0.006    | 0.283     | 0.277        | 0.000      |         |
| 10   | 1  | 0.250    | 0.006    | 0.250     | 0.244        | 0.000      |         |
| 10   | 2  | 0.220    | 0.006    | 0.220     | 0.214        | 0.000      |         |
| 10   | 3  | 0.213    | 0.006    | 0.213     | 0.207        | 0.000      |         |
| 11   | 1  | 0.170    | 0.195    | 0.170     | 0.039        | 0.063      |         |
| 11   | 2  | 0.197    | 0.195    | 0.197     | 0.039        | 0.037      |         |
| 11   | 3  | 0.368    | 0.195    | 0.368     | 0.174        | 0.000      |         |
| 12   | 1  | 0.627    | 0.211    | 0.627     | 0.415        | 0.000      |         |
| 12   | 2  | 0.793    | 0.211    | 0.793     | 0.582        | 0.000      |         |
| 12   | 3  | 0.977    | 0.233    | 0.977     | 0.744        | 0.000      |         |
| Tot  | al | 29.613   | 7.132    | 29.613    | 22.580       | 0.100      |         |

| 1991 | U. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.475               | 0.315       | 1.475        | 1.160      | 0.000   |
| 1    | 2  | 1.641               | 0.315       | 1.641        | 1.326      | 0.000   |
| 1    | 3  | 2.395               | 0.347       | 2.395        | 2.049      | 0.000   |
| 2    | 1  | 2.048               | 0.348       | 2.048        | 1.700      | 0.000   |
| 2    | 2  | 1.404               | 0.348       | 1.404        | 1.056      | 0.000   |
| 2    | 3  | 0.776               | 0.278       | 0.776        | 0.498      | 0.000   |
| 3    | 1  | 1.398               | 0.315       | 1.398        | 1.083      | 0.000   |
| 3    | 2  | 1.306               | 0.315       | 1.306        | 0.990      | 0.000   |
| 3    | 3  | 1.096               | 0.347       | 1.096        | 0.749      | 0.000   |
| 4    | 1  | 1.916               | 0.393       | 1.916        | 1.523      | 0.000   |
| 4    | 2  | 1.211               | 0.393       | 1.211        | 0.818      | 0.000   |
| 4    | 3  | 1.160               | 0.393       | 1.160        | 0.767      | 0.000   |
| 5    | 1  | 2.106               | 0.380       | 2.106        | 1.726      | 0.000   |
| 5    | 2  | 1.816               | 0.380       | 1.816        | 1.436      | 0.000   |
| 5    | 3  | 1.306               | 0.418       | 1.306        | 0.888      | 0.000   |
| 6    | 1  | 1.066               | 0.393       | 1.066        | 0.674      | 0.000   |
| 6    | 2  | 0.886               | 0.393       | 0.886        | 0.493      | 0.000   |
| 6    | 3  | 0.788               | 0.393       | 0.788        | 0.395      | 0.000   |
| 7    | 1  | 0.796               | 0.380       | 0.796        | 0.416      | 0.000   |
| 7    | 2  | 0.674               | 0.380       | 0.674        | 0.294      | 0.000   |
| 7    | 3  | 0.657               | 0.418       | 0.657        | 0.238      | 0.000   |
| 8    | 1  | 0.589               | 0.157       | 0.589        | 0.432      | 0.000   |
| 8    | 2  | 0.479               | 0.157       | 0.479        | 0.322      | 0.000   |
| 8    | 3  | 0.461               | 0.173       | 0.461        | 0.288      | 0.000   |
| 9    | 1  | 0.393               | 0.008       | 0.393        | 0.385      | 0.000   |
| 9    | 2  | 0.348               | 0.008       | 0.348        | 0.339      | 0.000   |
| 9    | 3  | 0.295               | 0.008       | 0.295        | 0.287      | 0.000   |
| 10   | 1  | 0.259               | 0.008       | 0.259        | 0.251      | 0.000   |
| 10   | 2  | 0.228               | 0.008       | 0.228        | 0.219      | 0.000   |
| 10   | 3  | 0.223               | 0.009       | 0.223        | 0.214      | 0.000   |
| 11   | 1  | 0.178               | 0.135       | 0.178        | 0.046      | 0.004   |
| 11   | 2  | 0.249               | 0.135       | 0.249        | 0.113      | 0.000   |
| 11   | 3  | 0.512               | 0.135       | 0.512        | 0.377      | 0.000   |
| 12   | 1  | 0.965               | 0.315       | 0.965        | 0.650      | 0.000   |
| 12   | 2  | 0.884               | 0.315       | 0.884        | 0.569      | 0.000   |
| 12   | 3  | 1.542               | 0.347       | 1.542        | 1.195      | 0.000   |
| Tot  | al | 35.524              | 9.563       | 35.524       | 25.965     | 0.004   |

  

| 1991 | L. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.459               | 0.038       | 1.713        | 1.421      | 0.000   |
| 1    | 2  | 1.707               | 0.038       | 1.961        | 1.669      | 0.000   |
| 1    | 3  | 2.568               | 0.041       | 2.847        | 2.526      | 0.000   |
| 2    | 1  | 2.195               | 0.041       | 2.475        | 2.154      | 0.000   |
| 2    | 2  | 1.434               | 0.041       | 1.714        | 1.393      | 0.000   |
| 2    | 3  | 0.731               | 0.033       | 0.955        | 0.699      | 0.000   |
| 3    | 1  | 1.372               | 0.038       | 1.626        | 1.334      | 0.000   |
| 3    | 2  | 1.295               | 0.038       | 1.548        | 1.257      | 0.000   |
| 3    | 3  | 1.038               | 0.041       | 1.317        | 0.997      | 0.000   |
| 4    | 1  | 1.897               | 0.046       | 2.213        | 1.851      | 0.000   |
| 4    | 2  | 1.145               | 0.046       | 1.461        | 1.100      | 0.000   |
| 4    | 3  | 1.076               | 0.046       | 1.392        | 1.030      | 0.000   |
| 5    | 1  | 2.134               | 0.044       | 2.440        | 2.089      | 0.000   |
| 5    | 2  | 1.912               | 0.044       | 2.218        | 1.868      | 0.000   |
| 5    | 3  | 1.278               | 0.049       | 1.614        | 1.229      | 0.000   |
| 6    | 1  | 0.987               | 0.046       | 1.303        | 0.942      | 0.000   |
| 6    | 2  | 0.773               | 0.046       | 1.089        | 0.727      | 0.000   |
| 6    | 3  | 0.650               | 0.046       | 0.966        | 0.605      | 0.000   |
| 7    | 1  | 0.663               | 0.044       | 0.969        | 0.619      | 0.000   |
| 7    | 2  | 0.520               | 0.044       | 0.826        | 0.476      | 0.000   |
| 7    | 3  | 0.467               | 0.049       | 0.803        | 0.418      | 0.000   |
| 8    | 1  | 0.587               | 0.037       | 0.714        | 0.550      | 0.000   |
| 8    | 2  | 0.461               | 0.037       | 0.588        | 0.424      | 0.000   |
| 8    | 3  | 0.424               | 0.040       | 0.564        | 0.384      | 0.000   |
| 9    | 1  | 0.469               | 0.006       | 0.478        | 0.464      | 0.000   |
| 9    | 2  | 0.415               | 0.006       | 0.424        | 0.410      | 0.000   |
| 9    | 3  | 0.353               | 0.006       | 0.362        | 0.347      | 0.000   |
| 10   | 1  | 0.309               | 0.006       | 0.318        | 0.303      | 0.000   |
| 10   | 2  | 0.270               | 0.006       | 0.279        | 0.265      | 0.000   |
| 10   | 3  | 0.264               | 0.006       | 0.273        | 0.257      | 0.000   |
| 11   | 1  | 0.110               | 0.032       | 0.217        | 0.078      | 0.000   |
| 11   | 2  | 0.186               | 0.032       | 0.296        | 0.154      | 0.000   |
| 11   | 3  | 0.492               | 0.032       | 0.602        | 0.460      | 0.000   |
| 12   | 1  | 0.870               | 0.038       | 1.123        | 0.832      | 0.000   |
| 12   | 2  | 0.827               | 0.038       | 1.081        | 0.790      | 0.000   |
| 12   | 3  | 1.509               | 0.041       | 1.788        | 1.468      | 0.000   |
| Tot  | al | 34.847              | 1.256       | 42.555       | 33.591     | 0.000   |



| 1991 |    | M. Musi  | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  |          | 7.283    | 0.072       | 9.144        | 7.211      | 0.000   |
| 1    | 2  |          | 7.497    | 0.072       | 9.116        | 7.425      | 0.000   |
| 1    | 3  |          | 10.369   | 0.079       | 12.418       | 10.290     | 0.000   |
| 2    | 1  |          | 8.827    | 0.079       | 10.719       | 8.748      | 0.000   |
| 2    | 2  |          | 5.737    | 0.079       | 7.434        | 5.658      | 0.000   |
| 2    | 3  |          | 3.107    | 0.063       | 4.403        | 3.044      | 0.000   |
| 3    | 1  |          | 9.538    | 0.072       | 11.436       | 9.466      | 0.000   |
| 3    | 2  |          | 7.437    | 0.072       | 9.201        | 7.365      | 0.000   |
| 3    | 3  |          | 6.369    | 0.079       | 8.263        | 6.290      | 0.000   |
| 4    | 1  |          | 9.341    | 0.089       | 11.537       | 9.252      | 0.000   |
| 4    | 2  |          | 5.247    | 0.089       | 7.125        | 5.157      | 0.000   |
| 4    | 3  |          | 4.660    | 0.089       | 6.603        | 4.570      | 0.000   |
| 5    | 1  |          | 9.304    | 0.086       | 11.452       | 9.217      | 0.000   |
| 5    | 2  |          | 7.004    | 0.086       | 8.872        | 6.918      | 0.000   |
| 5    | 3  |          | 4.974    | 0.095       | 6.883        | 4.878      | 0.000   |
| 6    | 1  |          | 3.530    | 0.089       | 5.291        | 3.440      | 0.000   |
| 6    | 2  |          | 2.961    | 0.089       | 4.697        | 2.872      | 0.000   |
| 6    | 3  |          | 2.462    | 0.089       | 4.196        | 2.373      | 0.000   |
| 7    | 1  |          | 2.380    | 0.086       | 4.058        | 2.293      | 0.000   |
| 7    | 2  |          | 2.007    | 0.086       | 3.575        | 1.921      | 0.000   |
| 7    | 3  |          | 1.897    | 0.095       | 3.559        | 1.802      | 0.000   |
| 8    | 1  |          | 1.948    | 0.070       | 3.072        | 1.878      | 0.000   |
| 8    | 2  |          | 1.656    | 0.070       | 2.691        | 1.586      | 0.000   |
| 8    | 3  |          | 1.582    | 0.077       | 2.674        | 1.507      | 0.002   |
| 9    | 1  |          | 2.074    | 0.004       | 2.282        | 2.070      | 0.000   |
| 9    | 2  |          | 1.857    | 0.004       | 2.055        | 1.853      | 0.000   |
| 9    | 3  |          | 1.657    | 0.004       | 1.846        | 1.653      | 0.000   |
| 10   | 1  |          | 1.481    | 0.004       | 1.663        | 1.477      | 0.000   |
| 10   | 2  |          | 1.497    | 0.004       | 1.682        | 1.493      | 0.000   |
| 10   | 3  |          | 1.426    | 0.005       | 1.616        | 1.421      | 0.000   |
| 11   | 1  |          | 0.893    | 0.060       | 1.532        | 0.833      | 0.000   |
| 11   | 2  |          | 1.193    | 0.060       | 2.136        | 1.133      | 0.000   |
| 11   | 3  |          | 4.995    | 0.060       | 6.308        | 4.934      | 0.000   |
| 12   | 1  |          | 5.633    | 0.072       | 7.337        | 5.561      | 0.000   |
| 12   | 2  |          | 5.415    | 0.072       | 6.997        | 5.343      | 0.000   |
| 12   | 3  |          | 8.378    | 0.079       | 10.452       | 8.299      | 0.000   |
| Tot  | al |          | 163.615  | 2.386       | 214.325      | 161.230    | 0.002   |
|      |    |          |          |             |              |            |         |
| 1991 |    | U. Rawas | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 1.787    | 0.242       | 1.787        | 1.545      | 0.000   |
| 1    | 2  |          | 2.546    | 0.242       | 2.546        | 2.303      | 0.000   |
| 1    | 3  |          | 2.571    | 0.267       | 2.571        | 2.305      | 0.000   |
| 2    | 1  |          | 3.143    | 0.268       | 3.143        | 2.875      | 0.000   |
| 2    | 2  |          | 7.655    | 0.268       | 7.655        | 7.387      | 0.000   |
| 2    | 3  |          | 3.894    | 0.214       | 3.894        | 3.680      | 0.000   |
| 3    | 1  |          | 4.110    | 0.242       | 4.110        | 3.868      | 0.000   |
| 3    | 2  |          | 3.952    | 0.242       | 3.952        | 3.710      | 0.000   |
| 3    | 3  |          | 4.005    | 0.267       | 4.005        | 3.738      | 0.000   |
| 4    | 1  |          | 3.235    | 0.302       | 3.235        | 2.933      | 0.000   |
| 4    | 2  |          | 2.525    | 0.302       | 2.525        | 2.222      | 0.000   |
| 4    | 3  |          | 1.924    | 0.302       | 1.924        | 1.621      | 0.000   |
| 5    | 1  |          | 2.283    | 0.293       | 2.283        | 1.990      | 0.000   |
| 5    | 2  |          | 2.276    | 0.293       | 2.276        | 1.983      | 0.000   |
| 5    | 3  |          | 1.749    | 0.322       | 1.749        | 1.427      | 0.000   |
| 6    | 1  |          | 1.374    | 0.302       | 1.374        | 1.072      | 0.000   |
| 6    | 2  |          | 1.216    | 0.302       | 1.216        | 0.914      | 0.000   |
| 6    | 3  |          | 1.081    | 0.302       | 1.081        | 0.778      | 0.000   |
| 7    | 1  |          | 0.956    | 0.293       | 0.956        | 0.663      | 0.000   |
| 7    | 2  |          | 0.847    | 0.293       | 0.847        | 0.554      | 0.000   |
| 7    | 3  |          | 0.821    | 0.322       | 0.821        | 0.498      | 0.000   |
| 8    | 1  |          | 0.667    | 0.236       | 0.667        | 0.431      | 0.000   |
| 8    | 2  |          | 0.583    | 0.236       | 0.583        | 0.348      | 0.000   |
| 8    | 3  |          | 0.565    | 0.259       | 0.565        | 0.305      | 0.000   |
| 9    | 1  |          | 0.452    | 0.005       | 0.452        | 0.447      | 0.000   |
| 9    | 2  |          | 0.410    | 0.005       | 0.410        | 0.405      | 0.000   |
| 9    | 3  |          | 0.368    | 0.005       | 0.368        | 0.364      | 0.000   |
| 10   | 1  |          | 0.316    | 0.005       | 0.316        | 0.312      | 0.000   |
| 10   | 2  |          | 2.231    | 0.005       | 2.231        | 2.227      | 0.000   |
| 10   | 3  |          | 4.508    | 0.005       | 4.508        | 4.503      | 0.000   |
| 11   | 1  |          | 6.892    | 0.201       | 6.892        | 6.690      | 0.000   |
| 11   | 2  |          | 4.838    | 0.201       | 4.838        | 4.636      | 0.000   |
| 11   | 3  |          | 7.369    | 0.201       | 7.369        | 7.168      | 0.000   |
| 12   | 1  |          | 3.290    | 0.242       | 3.290        | 3.048      | 0.000   |
| 12   | 2  |          | 2.296    | 0.242       | 2.296        | 2.053      | 0.000   |
| 12   | 3  |          | 2.204    | 0.267       | 2.204        | 1.937      | 0.000   |
| Tot  | al |          | 90.937   | 7.995       | 90.937       | 82.942     | 0.000   |

| 1991 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.611    | 0.174    | 1.806     | 1.437        | 0.000      |         |
| 1    | 2  | 2.403    | 0.174    | 2.598     | 2.229        | 0.000      |         |
| 1    | 3  | 2.456    | 0.191    | 2.671     | 2.265        | 0.000      |         |
| 2    | 1  | 2.978    | 0.192    | 3.193     | 2.786        | 0.000      |         |
| 2    | 2  | 7.475    | 0.192    | 7.691     | 7.283        | 0.000      |         |
| 2    | 3  | 3.743    | 0.154    | 3.915     | 3.589        | 0.000      |         |
| 3    | 1  | 3.948    | 0.174    | 4.143     | 3.774        | 0.000      |         |
| 3    | 2  | 3.823    | 0.174    | 4.018     | 3.649        | 0.000      |         |
| 3    | 3  | 3.841    | 0.191    | 4.055     | 3.650        | 0.000      |         |
| 4    | 1  | 3.041    | 0.219    | 3.284     | 2.822        | 0.000      |         |
| 4    | 2  | 2.362    | 0.219    | 2.604     | 2.142        | 0.000      |         |
| 4    | 3  | 1.735    | 0.219    | 1.978     | 1.516        | 0.000      |         |
| 5    | 1  | 2.083    | 0.212    | 2.318     | 1.871        | 0.000      |         |
| 5    | 2  | 2.086    | 0.212    | 2.322     | 1.874        | 0.000      |         |
| 5    | 3  | 1.517    | 0.234    | 1.776     | 1.284        | 0.000      |         |
| 6    | 1  | 1.147    | 0.219    | 1.390     | 0.928        | 0.000      |         |
| 6    | 2  | 0.986    | 0.219    | 1.229     | 0.767        | 0.000      |         |
| 6    | 3  | 0.849    | 0.219    | 1.092     | 0.630        | 0.000      |         |
| 7    | 1  | 0.730    | 0.212    | 0.966     | 0.518        | 0.000      |         |
| 7    | 2  | 0.620    | 0.212    | 0.856     | 0.408        | 0.000      |         |
| 7    | 3  | 0.570    | 0.234    | 0.829     | 0.337        | 0.000      |         |
| 8    | 1  | 0.485    | 0.174    | 0.674     | 0.310        | 0.000      |         |
| 8    | 2  | 0.400    | 0.174    | 0.590     | 0.260        | 0.034      |         |
| 8    | 3  | 0.362    | 0.192    | 0.570     | 0.286        | 0.116      |         |
| 9    | 1  | 0.452    | 0.005    | 0.457     | 0.447        | 0.000      |         |
| 9    | 2  | 0.409    | 0.005    | 0.414     | 0.404        | 0.000      |         |
| 9    | 3  | 0.368    | 0.005    | 0.372     | 0.362        | 0.000      |         |
| 10   | 1  | 0.315    | 0.005    | 0.319     | 0.310        | 0.000      |         |
| 10   | 2  | 2.259    | 0.005    | 2.263     | 2.253        | 0.000      |         |
| 10   | 3  | 4.731    | 0.006    | 4.736     | 4.725        | 0.000      |         |
| 11   | 1  | 7.039    | 0.147    | 7.201     | 6.891        | 0.000      |         |
| 11   | 2  | 4.995    | 0.147    | 5.157     | 4.848        | 0.000      |         |
| 11   | 3  | 7.826    | 0.147    | 7.988     | 7.679        | 0.000      |         |
| 12   | 1  | 3.789    | 0.174    | 3.984     | 3.615        | 0.000      |         |
| 12   | 2  | 2.522    | 0.174    | 2.717     | 2.348        | 0.000      |         |
| 12   | 3  | 2.422    | 0.191    | 2.636     | 2.230        | 0.000      |         |
| Tot  | al | 88.380   | 5.803    | 94.810    | 82.727       | 0.150      |         |

  

| 1991 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.957    | 0.328    | 1.957     | 1.629        | 0.000      |         |
| 1    | 2  | 2.509    | 0.328    | 2.509     | 2.181        | 0.000      |         |
| 1    | 3  | 2.989    | 0.361    | 2.989     | 2.628        | 0.000      |         |
| 2    | 1  | 2.701    | 0.363    | 2.701     | 2.338        | 0.000      |         |
| 2    | 2  | 6.714    | 0.363    | 6.714     | 6.351        | 0.000      |         |
| 2    | 3  | 5.139    | 0.290    | 5.139     | 4.849        | 0.000      |         |
| 3    | 1  | 4.771    | 0.328    | 4.771     | 4.443        | 0.000      |         |
| 3    | 2  | 4.050    | 0.328    | 4.050     | 3.722        | 0.000      |         |
| 3    | 3  | 4.342    | 0.361    | 4.342     | 3.982        | 0.000      |         |
| 4    | 1  | 3.385    | 0.470    | 3.385     | 2.915        | 0.000      |         |
| 4    | 2  | 2.952    | 0.470    | 2.952     | 2.482        | 0.000      |         |
| 4    | 3  | 2.316    | 0.470    | 2.316     | 1.846        | 0.000      |         |
| 5    | 1  | 2.297    | 0.455    | 2.297     | 1.842        | 0.000      |         |
| 5    | 2  | 2.373    | 0.455    | 2.373     | 1.918        | 0.000      |         |
| 5    | 3  | 2.122    | 0.501    | 2.122     | 1.621        | 0.000      |         |
| 6    | 1  | 1.620    | 0.470    | 1.620     | 1.150        | 0.000      |         |
| 6    | 2  | 1.424    | 0.470    | 1.424     | 0.954        | 0.000      |         |
| 6    | 3  | 1.262    | 0.470    | 1.262     | 0.792        | 0.000      |         |
| 7    | 1  | 1.118    | 0.455    | 1.118     | 0.663        | 0.000      |         |
| 7    | 2  | 0.990    | 0.455    | 0.990     | 0.535        | 0.000      |         |
| 7    | 3  | 0.959    | 0.501    | 0.959     | 0.458        | 0.000      |         |
| 8    | 1  | 0.773    | 0.451    | 0.773     | 0.322        | 0.000      |         |
| 8    | 2  | 0.683    | 0.451    | 0.683     | 0.232        | 0.000      |         |
| 8    | 3  | 0.660    | 0.496    | 0.660     | 0.164        | 0.000      |         |
| 9    | 1  | 0.528    | 0.002    | 0.528     | 0.526        | 0.000      |         |
| 9    | 2  | 0.473    | 0.002    | 0.473     | 0.471        | 0.000      |         |
| 9    | 3  | 0.429    | 0.002    | 0.429     | 0.427        | 0.000      |         |
| 10   | 1  | 0.372    | 0.002    | 0.372     | 0.371        | 0.000      |         |
| 10   | 2  | 1.861    | 0.002    | 1.861     | 1.859        | 0.000      |         |
| 10   | 3  | 4.480    | 0.002    | 4.480     | 4.478        | 0.000      |         |
| 11   | 1  | 6.293    | 0.335    | 6.293     | 5.958        | 0.000      |         |
| 11   | 2  | 5.864    | 0.335    | 5.864     | 5.529        | 0.000      |         |
| 11   | 3  | 7.554    | 0.335    | 7.554     | 7.219        | 0.000      |         |
| 12   | 1  | 4.574    | 0.328    | 4.574     | 4.246        | 0.000      |         |
| 12   | 2  | 2.819    | 0.328    | 2.819     | 2.491        | 0.000      |         |
| 12   | 3  | 2.454    | 0.361    | 2.454     | 2.093        | 0.000      |         |
| Tot  | al | 97.808   | 12.125   | 97.808    | 85.684       | 0.000      |         |

| 1991 | U. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.296                | 0.475       | 3.296        | 2.821      | 0.000   |
| 1    | 2  | 3.630                | 0.475       | 3.630        | 3.155      | 0.000   |
| 1    | 3  | 2.546                | 0.522       | 2.546        | 2.024      | 0.000   |
| 2    | 1  | 1.976                | 0.523       | 1.976        | 1.453      | 0.000   |
| 2    | 2  | 2.166                | 0.523       | 2.166        | 1.643      | 0.000   |
| 2    | 3  | 1.087                | 0.418       | 1.087        | 0.668      | 0.000   |
| 3    | 1  | 3.196                | 0.475       | 3.196        | 2.721      | 0.000   |
| 3    | 2  | 3.230                | 0.475       | 3.230        | 2.756      | 0.000   |
| 3    | 3  | 2.194                | 0.522       | 2.194        | 1.672      | 0.000   |
| 4    | 1  | 3.766                | 0.521       | 3.766        | 3.245      | 0.000   |
| 4    | 2  | 2.765                | 0.521       | 2.765        | 2.245      | 0.000   |
| 4    | 3  | 1.430                | 0.521       | 1.430        | 0.909      | 0.000   |
| 5    | 1  | 1.377                | 0.505       | 1.377        | 0.872      | 0.000   |
| 5    | 2  | 1.412                | 0.505       | 1.412        | 0.907      | 0.000   |
| 5    | 3  | 1.027                | 0.555       | 1.027        | 0.471      | 0.000   |
| 6    | 1  | 0.918                | 0.521       | 0.918        | 0.397      | 0.000   |
| 6    | 2  | 0.776                | 0.521       | 0.776        | 0.255      | 0.000   |
| 6    | 3  | 0.753                | 0.521       | 0.753        | 0.240      | 0.008   |
| 7    | 1  | 0.688                | 0.505       | 0.688        | 0.240      | 0.056   |
| 7    | 2  | 0.649                | 0.505       | 0.649        | 0.240      | 0.096   |
| 7    | 3  | 0.675                | 0.555       | 0.675        | 0.264      | 0.144   |
| 8    | 1  | 0.573                | 0.505       | 0.573        | 0.240      | 0.172   |
| 8    | 2  | 0.537                | 0.505       | 0.537        | 0.240      | 0.208   |
| 8    | 3  | 0.561                | 0.555       | 0.561        | 0.264      | 0.259   |
| 9    | 1  | 0.474                | 0.028       | 0.474        | 0.446      | 0.000   |
| 9    | 2  | 0.446                | 0.028       | 0.446        | 0.418      | 0.000   |
| 9    | 3  | 0.420                | 0.028       | 0.420        | 0.392      | 0.000   |
| 10   | 1  | 0.405                | 0.028       | 0.405        | 0.377      | 0.000   |
| 10   | 2  | 0.444                | 0.028       | 0.444        | 0.416      | 0.000   |
| 10   | 3  | 0.758                | 0.031       | 0.758        | 0.727      | 0.000   |
| 11   | 1  | 0.908                | 0.490       | 0.908        | 0.418      | 0.000   |
| 11   | 2  | 2.242                | 0.490       | 2.242        | 1.752      | 0.000   |
| 11   | 3  | 4.090                | 0.490       | 4.090        | 3.600      | 0.000   |
| 12   | 1  | 1.928                | 0.475       | 1.928        | 1.453      | 0.000   |
| 12   | 2  | 2.209                | 0.475       | 2.209        | 1.734      | 0.000   |
| 12   | 3  | 3.493                | 0.522       | 3.493        | 2.971      | 0.000   |
| Tot  | al | 59.044               | 15.340      | 59.044       | 44.646     | 0.943   |
| 1991 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 4.232                | 0.420       | 4.617        | 3.812      | 0.000   |
| 1    | 2  | 4.736                | 0.420       | 5.121        | 4.316      | 0.000   |
| 1    | 3  | 4.786                | 0.462       | 5.210        | 4.325      | 0.000   |
| 2    | 1  | 3.449                | 0.464       | 3.872        | 2.985      | 0.000   |
| 2    | 2  | 4.111                | 0.464       | 4.535        | 3.648      | 0.000   |
| 2    | 3  | 2.120                | 0.371       | 2.459        | 1.749      | 0.000   |
| 3    | 1  | 4.635                | 0.420       | 5.020        | 4.215      | 0.000   |
| 3    | 2  | 5.130                | 0.420       | 5.515        | 4.710      | 0.000   |
| 3    | 3  | 4.225                | 0.462       | 4.649        | 3.763      | 0.000   |
| 4    | 1  | 5.614                | 0.566       | 6.036        | 5.048      | 0.000   |
| 4    | 2  | 4.823                | 0.566       | 5.245        | 4.257      | 0.000   |
| 4    | 3  | 4.001                | 0.566       | 4.423        | 3.435      | 0.000   |
| 5    | 1  | 3.122                | 0.548       | 3.531        | 2.574      | 0.000   |
| 5    | 2  | 3.473                | 0.548       | 3.883        | 2.926      | 0.000   |
| 5    | 3  | 3.346                | 0.602       | 3.796        | 2.743      | 0.000   |
| 6    | 1  | 2.148                | 0.566       | 2.570        | 1.582      | 0.000   |
| 6    | 2  | 1.607                | 0.566       | 2.030        | 1.042      | 0.000   |
| 6    | 3  | 1.397                | 0.566       | 1.813        | 0.831      | 0.000   |
| 7    | 1  | 1.255                | 0.548       | 1.619        | 0.707      | 0.000   |
| 7    | 2  | 1.137                | 0.548       | 1.470        | 0.589      | 0.000   |
| 7    | 3  | 1.140                | 0.602       | 1.476        | 0.538      | 0.000   |
| 8    | 1  | 0.945                | 0.548       | 1.217        | 0.398      | 0.000   |
| 8    | 2  | 0.861                | 0.548       | 1.104        | 0.366      | 0.053   |
| 8    | 3  | 0.864                | 0.602       | 1.108        | 0.403      | 0.141   |
| 9    | 1  | 0.909                | 0.009       | 0.938        | 0.900      | 0.000   |
| 9    | 2  | 0.829                | 0.009       | 0.857        | 0.820      | 0.000   |
| 9    | 3  | 0.745                | 0.009       | 0.773        | 0.735      | 0.000   |
| 10   | 1  | 0.687                | 0.009       | 0.715        | 0.678      | 0.000   |
| 10   | 2  | 0.690                | 0.009       | 0.718        | 0.681      | 0.000   |
| 10   | 3  | 0.993                | 0.010       | 1.024        | 0.983      | 0.000   |
| 11   | 1  | 0.731                | 0.433       | 1.128        | 0.366      | 0.069   |
| 11   | 2  | 2.203                | 0.433       | 2.601        | 1.770      | 0.000   |
| 11   | 3  | 4.643                | 0.433       | 5.040        | 4.209      | 0.000   |
| 12   | 1  | 3.829                | 0.420       | 4.214        | 3.409      | 0.000   |
| 12   | 2  | 4.085                | 0.420       | 4.470        | 3.665      | 0.000   |
| 12   | 3  | 6.164                | 0.462       | 6.588        | 5.703      | 0.000   |
| Tot  | al | 99.665               | 15.047      | 111.388      | 84.882     | 0.263   |

| 1991 |    | U. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 2.503   | 0.354    | 2.503       | 2.149        | 0.000      |         |
| 1    | 2  | 2.021   | 0.354    | 2.021       | 1.666        | 0.000      |         |
| 1    | 3  | 2.785   | 0.390    | 2.785       | 2.395        | 0.000      |         |
| 2    | 1  | 2.349   | 0.388    | 2.349       | 1.960        | 0.000      |         |
| 2    | 2  | 2.747   | 0.388    | 2.747       | 2.359        | 0.000      |         |
| 2    | 3  | 1.449   | 0.311    | 1.449       | 1.138        | 0.000      |         |
| 3    | 1  | 2.152   | 0.354    | 2.152       | 1.798        | 0.000      |         |
| 3    | 2  | 3.017   | 0.354    | 3.017       | 2.662        | 0.000      |         |
| 3    | 3  | 2.804   | 0.390    | 2.804       | 2.414        | 0.000      |         |
| 4    | 1  | 3.293   | 0.379    | 3.293       | 2.914        | 0.000      |         |
| 4    | 2  | 3.049   | 0.379    | 3.049       | 2.669        | 0.000      |         |
| 4    | 3  | 3.649   | 0.379    | 3.649       | 3.270        | 0.000      |         |
| 5    | 1  | 1.961   | 0.368    | 1.961       | 1.592        | 0.000      |         |
| 5    | 2  | 3.078   | 0.368    | 3.078       | 2.709        | 0.000      |         |
| 5    | 3  | 2.836   | 0.405    | 2.836       | 2.431        | 0.000      |         |
| 6    | 1  | 1.546   | 0.379    | 1.546       | 1.167        | 0.000      |         |
| 6    | 2  | 1.214   | 0.379    | 1.214       | 0.835        | 0.000      |         |
| 6    | 3  | 1.086   | 0.379    | 1.086       | 0.706        | 0.000      |         |
| 7    | 1  | 0.952   | 0.368    | 0.952       | 0.583        | 0.000      |         |
| 7    | 2  | 0.838   | 0.368    | 0.838       | 0.470        | 0.000      |         |
| 7    | 3  | 0.827   | 0.405    | 0.827       | 0.422        | 0.000      |         |
| 8    | 1  | 0.654   | 0.105    | 0.654       | 0.549        | 0.000      |         |
| 8    | 2  | 0.576   | 0.105    | 0.576       | 0.471        | 0.000      |         |
| 8    | 3  | 0.563   | 0.116    | 0.563       | 0.448        | 0.000      |         |
| 9    | 1  | 0.514   | 0.037    | 0.514       | 0.477        | 0.000      |         |
| 9    | 2  | 0.412   | 0.037    | 0.412       | 0.375        | 0.000      |         |
| 9    | 3  | 0.354   | 0.037    | 0.354       | 0.317        | 0.000      |         |
| 10   | 1  | 0.314   | 0.037    | 0.314       | 0.277        | 0.000      |         |
| 10   | 2  | 0.281   | 0.037    | 0.281       | 0.243        | 0.000      |         |
| 10   | 3  | 0.274   | 0.041    | 0.274       | 0.233        | 0.000      |         |
| 11   | 1  | 0.266   | 0.141    | 0.266       | 0.126        | 0.000      |         |
| 11   | 2  | 0.601   | 0.141    | 0.601       | 0.461        | 0.000      |         |
| 11   | 3  | 2.027   | 0.141    | 2.027       | 1.887        | 0.000      |         |
| 12   | 1  | 3.168   | 0.354    | 3.168       | 2.814        | 0.000      |         |
| 12   | 2  | 2.781   | 0.354    | 2.781       | 2.427        | 0.000      |         |
| 12   | 3  | 3.670   | 0.390    | 3.670       | 3.280        | 0.000      |         |
| Tot  | al | 62.612  | 9.918    | 62.612      | 52.694       | 0.000      |         |

| 1991 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 5.078   | 0.586    | 5.368       | 4.492        | 0.000      |         |
| 1    | 2  | 4.334   | 0.586    | 4.625       | 3.748        | 0.000      |         |
| 1    | 3  | 6.029   | 0.644    | 6.349       | 5.385        | 0.000      |         |
| 2    | 1  | 5.117   | 0.647    | 5.435       | 4.470        | 0.000      |         |
| 2    | 2  | 5.851   | 0.647    | 6.169       | 5.203        | 0.000      |         |
| 2    | 3  | 3.475   | 0.518    | 3.729       | 2.957        | 0.000      |         |
| 3    | 1  | 4.483   | 0.586    | 4.774       | 3.897        | 0.000      |         |
| 3    | 2  | 6.379   | 0.586    | 6.670       | 5.793        | 0.000      |         |
| 3    | 3  | 6.828   | 0.644    | 7.148       | 6.183        | 0.000      |         |
| 4    | 1  | 5.807   | 0.163    | 6.118       | 5.644        | 0.000      |         |
| 4    | 2  | 4.978   | 0.163    | 5.289       | 4.815        | 0.000      |         |
| 4    | 3  | 6.365   | 0.163    | 6.676       | 6.203        | 0.000      |         |
| 5    | 1  | 4.696   | 0.158    | 4.998       | 4.538        | 0.000      |         |
| 5    | 2  | 5.384   | 0.158    | 5.686       | 5.226        | 0.000      |         |
| 5    | 3  | 4.873   | 0.174    | 5.205       | 4.699        | 0.000      |         |
| 6    | 1  | 2.931   | 0.163    | 3.242       | 2.768        | 0.000      |         |
| 6    | 2  | 2.271   | 0.163    | 2.582       | 2.108        | 0.000      |         |
| 6    | 3  | 1.924   | 0.163    | 2.235       | 1.761        | 0.000      |         |
| 7    | 1  | 1.658   | 0.158    | 1.960       | 1.500        | 0.000      |         |
| 7    | 2  | 1.428   | 0.158    | 1.730       | 1.270        | 0.000      |         |
| 7    | 3  | 1.360   | 0.174    | 1.692       | 1.186        | 0.000      |         |
| 8    | 1  | 1.254   | 0.122    | 1.346       | 1.132        | 0.000      |         |
| 8    | 2  | 1.098   | 0.122    | 1.190       | 0.977        | 0.000      |         |
| 8    | 3  | 1.058   | 0.134    | 1.159       | 0.924        | 0.000      |         |
| 9    | 1  | 0.982   | 0.009    | 1.019       | 0.972        | 0.000      |         |
| 9    | 2  | 0.816   | 0.009    | 0.853       | 0.807        | 0.000      |         |
| 9    | 3  | 0.697   | 0.009    | 0.734       | 0.688        | 0.000      |         |
| 10   | 1  | 0.611   | 0.009    | 0.648       | 0.602        | 0.000      |         |
| 10   | 2  | 0.539   | 0.009    | 0.576       | 0.530        | 0.000      |         |
| 10   | 3  | 0.521   | 0.010    | 0.562       | 0.511        | 0.000      |         |
| 11   | 1  | 0.389   | 0.574    | 0.509       | 0.257        | 0.442      |         |
| 11   | 2  | 0.909   | 0.574    | 1.029       | 0.335        | 0.000      |         |
| 11   | 3  | 3.771   | 0.574    | 3.891       | 3.197        | 0.000      |         |
| 12   | 1  | 6.794   | 0.586    | 7.085       | 6.209        | 0.000      |         |
| 12   | 2  | 6.362   | 0.586    | 6.653       | 5.776        | 0.000      |         |
| 12   | 3  | 8.749   | 0.644    | 9.069       | 8.104        | 0.000      |         |
| Tot  | al | 125.797 | 11.371   | 134.003     | 114.868      | 0.442      |         |

| 1991 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.732                | 0.884       | 3.732        | 2.849      | 0.000   |
| 1    | 2  | 2.571                | 0.884       | 2.571        | 1.687      | 0.000   |
| 1    | 3  | 3.084                | 0.972       | 3.084        | 2.112      | 0.000   |
| 2    | 1  | 3.874                | 0.973       | 3.874        | 2.901      | 0.000   |
| 2    | 2  | 2.839                | 0.973       | 2.839        | 1.866      | 0.000   |
| 2    | 3  | 2.476                | 0.778       | 2.476        | 1.698      | 0.000   |
| 3    | 1  | 2.444                | 0.884       | 2.444        | 1.561      | 0.000   |
| 3    | 2  | 3.011                | 0.884       | 3.011        | 2.127      | 0.000   |
| 3    | 3  | 3.739                | 0.972       | 3.739        | 2.767      | 0.000   |
| 4    | 1  | 4.188                | 1.094       | 4.188        | 3.094      | 0.000   |
| 4    | 2  | 3.266                | 1.094       | 3.266        | 2.172      | 0.000   |
| 4    | 3  | 1.996                | 1.094       | 1.996        | 0.902      | 0.000   |
| 5    | 1  | 1.856                | 1.060       | 1.856        | 0.796      | 0.000   |
| 5    | 2  | 2.544                | 1.060       | 2.544        | 1.484      | 0.000   |
| 5    | 3  | 2.087                | 1.166       | 2.087        | 0.921      | 0.000   |
| 6    | 1  | 1.460                | 1.094       | 1.460        | 0.366      | 0.000   |
| 6    | 2  | 1.287                | 1.094       | 1.287        | 0.350      | 0.157   |
| 6    | 3  | 1.243                | 1.094       | 1.243        | 0.350      | 0.200   |
| 7    | 1  | 1.202                | 1.060       | 1.202        | 0.350      | 0.208   |
| 7    | 2  | 1.000                | 1.060       | 1.000        | 0.350      | 0.411   |
| 7    | 3  | 0.966                | 1.166       | 0.966        | 0.385      | 0.585   |
| 8    | 1  | 0.774                | 0.053       | 0.774        | 0.721      | 0.000   |
| 8    | 2  | 0.687                | 0.053       | 0.687        | 0.635      | 0.000   |
| 8    | 3  | 0.676                | 0.058       | 0.676        | 0.618      | 0.000   |
| 9    | 1  | 0.569                | 0.053       | 0.569        | 0.516      | 0.000   |
| 9    | 2  | 0.488                | 0.053       | 0.488        | 0.436      | 0.000   |
| 9    | 3  | 0.419                | 0.053       | 0.419        | 0.367      | 0.000   |
| 10   | 1  | 0.371                | 0.053       | 0.371        | 0.350      | 0.032   |
| 10   | 2  | 0.368                | 0.053       | 0.368        | 0.350      | 0.034   |
| 10   | 3  | 0.363                | 0.058       | 0.363        | 0.363      | 0.058   |
| 11   | 1  | 0.260                | 0.053       | 0.260        | 0.260      | 0.053   |
| 11   | 2  | 0.238                | 0.053       | 0.238        | 0.238      | 0.053   |
| 11   | 3  | 0.734                | 0.053       | 0.734        | 0.682      | 0.000   |
| 12   | 1  | 2.080                | 0.884       | 2.080        | 1.197      | 0.000   |
| 12   | 2  | 5.492                | 0.884       | 5.492        | 4.608      | 0.000   |
| 12   | 3  | 5.991                | 0.972       | 5.991        | 5.019      | 0.000   |
| Tot  | al | 70.377               | 24.720      | 70.377       | 47.447     | 1.791   |

| 1991 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 7.092                | 0.964       | 7.876        | 6.127      | 0.000   |
| 1    | 2  | 5.145                | 0.964       | 5.929        | 4.180      | 0.000   |
| 1    | 3  | 6.161                | 1.061       | 7.023        | 5.100      | 0.000   |
| 2    | 1  | 6.543                | 1.063       | 7.405        | 5.479      | 0.000   |
| 2    | 2  | 6.758                | 1.063       | 7.620        | 5.695      | 0.000   |
| 2    | 3  | 5.011                | 0.851       | 5.701        | 4.160      | 0.000   |
| 3    | 1  | 4.791                | 0.964       | 5.575        | 3.827      | 0.000   |
| 3    | 2  | 6.163                | 0.964       | 6.947        | 5.198      | 0.000   |
| 3    | 3  | 8.136                | 1.061       | 8.998        | 7.075      | 0.000   |
| 4    | 1  | 8.214                | 1.295       | 9.183        | 6.919      | 0.000   |
| 4    | 2  | 7.513                | 1.295       | 8.482        | 6.218      | 0.000   |
| 4    | 3  | 7.519                | 1.295       | 8.488        | 6.224      | 0.000   |
| 5    | 1  | 6.441                | 1.255       | 7.381        | 5.186      | 0.000   |
| 5    | 2  | 7.369                | 1.255       | 8.308        | 6.114      | 0.000   |
| 5    | 3  | 6.836                | 1.380       | 7.869        | 5.456      | 0.000   |
| 6    | 1  | 4.147                | 1.295       | 5.116        | 2.852      | 0.000   |
| 6    | 2  | 3.125                | 1.295       | 3.956        | 1.830      | 0.000   |
| 6    | 3  | 2.686                | 1.295       | 3.478        | 1.390      | 0.000   |
| 7    | 1  | 2.405                | 1.255       | 3.161        | 1.150      | 0.000   |
| 7    | 2  | 2.148                | 1.255       | 2.726        | 0.893      | 0.000   |
| 7    | 3  | 2.132                | 1.380       | 2.651        | 0.752      | 0.000   |
| 8    | 1  | 2.070                | 1.003       | 2.122        | 1.066      | 0.000   |
| 8    | 2  | 1.822                | 1.003       | 1.875        | 0.819      | 0.000   |
| 8    | 3  | 1.774                | 1.104       | 1.832        | 0.670      | 0.000   |
| 9    | 1  | 1.522                | 0.041       | 1.574        | 1.481      | 0.000   |
| 9    | 2  | 1.324                | 0.041       | 1.377        | 1.283      | 0.000   |
| 9    | 3  | 1.126                | 0.041       | 1.179        | 1.085      | 0.000   |
| 10   | 1  | 1.018                | 0.041       | 1.038        | 0.977      | 0.000   |
| 10   | 2  | 0.949                | 0.041       | 0.968        | 0.908      | 0.000   |
| 10   | 3  | 0.956                | 0.045       | 0.956        | 0.911      | 0.000   |
| 11   | 1  | 0.750                | 0.781       | 0.750        | 0.546      | 0.576   |
| 11   | 2  | 1.318                | 0.781       | 1.318        | 0.546      | 0.009   |
| 11   | 3  | 3.998                | 0.781       | 4.050        | 3.217      | 0.000   |
| 12   | 1  | 6.764                | 0.964       | 7.548        | 5.800      | 0.000   |
| 12   | 2  | 9.396                | 0.964       | 10.180       | 8.432      | 0.000   |
| 12   | 3  | 10.619               | 1.061       | 11.482       | 9.559      | 0.000   |
| Tot  | al | 161.739              | 33.201      | 182.120      | 129.123    | 0.585   |

| 1991 |    | L. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
|      | 1  |         | 26.723   | 0.914     | 32.179       | 25.809     | 0.000   |
|      | 1  | 2       | 26.186   | 0.914     | 31.400       | 25.272     | 0.000   |
|      | 1  | 3       | 32.744   | 1.005     | 38.747       | 31.739     | 0.000   |
|      | 2  | 1       | 29.682   | 0.980     | 35.532       | 28.702     | 0.000   |
|      | 2  | 2       | 36.754   | 0.980     | 42.410       | 35.775     | 0.000   |
|      | 2  | 3       | 22.548   | 0.784     | 27.012       | 21.765     | 0.000   |
|      | 3  | 1       | 31.877   | 0.914     | 37.370       | 30.963     | 0.000   |
|      | 3  | 2       | 33.506   | 0.914     | 38.865       | 32.592     | 0.000   |
|      | 3  | 3       | 34.314   | 1.005     | 40.162       | 33.309     | 0.000   |
|      | 4  | 1       | 35.199   | 1.168     | 41.439       | 34.032     | 0.000   |
|      | 4  | 2       | 27.437   | 1.168     | 33.360       | 26.270     | 0.000   |
|      | 4  | 3       | 26.327   | 1.168     | 32.314       | 25.159     | 0.000   |
|      | 5  | 1       | 27.954   | 1.139     | 34.022       | 26.814     | 0.000   |
|      | 5  | 2       | 27.479   | 1.139     | 33.267       | 26.339     | 0.000   |
|      | 5  | 3       | 23.112   | 1.253     | 29.333       | 21.859     | 0.000   |
|      | 6  | 1       | 14.781   | 1.168     | 20.586       | 13.613     | 0.000   |
|      | 6  | 2       | 11.404   | 1.168     | 17.045       | 10.236     | 0.000   |
|      | 6  | 3       | 9.431    | 1.168     | 15.026       | 8.264      | 0.000   |
|      | 7  | 1       | 8.372    | 1.139     | 13.742       | 7.232      | 0.000   |
|      | 7  | 2       | 7.046    | 1.139     | 12.096       | 5.906      | 0.000   |
|      | 7  | 3       | 6.545    | 1.253     | 11.890       | 5.291      | 0.000   |
|      | 8  | 1       | 6.304    | 1.128     | 9.790        | 5.176      | 0.000   |
|      | 8  | 2       | 5.303    | 1.128     | 8.649        | 4.586      | 0.412   |
|      | 8  | 3       | 4.996    | 1.241     | 8.502        | 4.468      | 0.714   |
|      | 9  | 1       | 6.802    | 0.298     | 7.203        | 6.503      | 0.000   |
|      | 9  | 2       | 5.998    | 0.298     | 6.389        | 5.699      | 0.000   |
|      | 9  | 3       | 5.266    | 0.298     | 5.647        | 4.967      | 0.000   |
|      | 10 | 1       | 4.694    | 0.298     | 5.037        | 4.396      | 0.000   |
|      | 10 | 2       | 8.016    | 0.298     | 8.360        | 7.718      | 0.000   |
|      | 10 | 3       | 13.650   | 0.328     | 13.995       | 13.322     | 0.000   |
|      | 11 | 1       | 16.106   | 0.925     | 18.322       | 15.194     | 0.013   |
|      | 11 | 2       | 15.957   | 0.925     | 19.338       | 15.033     | 0.000   |
|      | 11 | 3       | 33.564   | 0.925     | 37.375       | 32.639     | 0.000   |
|      | 12 | 1       | 33.153   | 0.914     | 38.453       | 32.239     | 0.000   |
|      | 12 | 2       | 32.171   | 0.914     | 37.348       | 31.258     | 0.000   |
|      | 12 | 3       | 40.807   | 1.005     | 46.835       | 39.802     | 0.000   |
| Tot  | al |         | 732.205  | 33.401    | 889.039      | 699.943    | 1.139   |

| 1991 | Mu | si Mouth | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
|      | 1  | 1        | 29.639   | 0.491     | 36.009       | 29.245     | 0.000   |
|      | 1  | 2        | 29.192   | 0.491     | 35.319       | 28.798     | 0.000   |
|      | 1  | 3        | 36.891   | 0.540     | 43.899       | 36.458     | 0.000   |
|      | 2  | 1        | 33.151   | 0.543     | 39.981       | 32.716     | 0.000   |
|      | 2  | 2        | 41.186   | 0.543     | 47.822       | 40.751     | 0.000   |
|      | 2  | 3        | 26.339   | 0.434     | 31.586       | 25.991     | 0.000   |
|      | 3  | 1        | 34.983   | 0.491     | 41.390       | 34.589     | 0.000   |
|      | 3  | 2        | 37.022   | 0.491     | 43.295       | 36.628     | 0.000   |
|      | 3  | 3        | 39.746   | 0.540     | 46.599       | 39.312     | 0.000   |
|      | 4  | 1        | 39.933   | 0.705     | 47.340       | 39.368     | 0.000   |
|      | 4  | 2        | 31.392   | 0.705     | 38.483       | 30.827     | 0.000   |
|      | 4  | 3        | 29.834   | 0.705     | 36.989       | 29.268     | 0.000   |
|      | 5  | 1        | 30.620   | 0.683     | 37.828       | 30.073     | 0.000   |
|      | 5  | 2        | 29.184   | 0.683     | 36.111       | 28.637     | 0.000   |
|      | 5  | 3        | 24.453   | 0.751     | 31.927       | 23.850     | 0.000   |
|      | 6  | 1        | 15.775   | 0.705     | 22.748       | 15.210     | 0.000   |
|      | 6  | 2        | 12.094   | 0.705     | 18.902       | 11.528     | 0.000   |
|      | 6  | 3        | 9.870    | 0.705     | 16.633       | 9.305      | 0.000   |
|      | 7  | 1        | 8.650    | 0.683     | 15.160       | 8.103      | 0.000   |
|      | 7  | 2        | 7.160    | 0.683     | 13.349       | 6.613      | 0.000   |
|      | 7  | 3        | 6.506    | 0.751     | 13.104       | 5.904      | 0.000   |
|      | 8  | 1        | 6.148    | 0.671     | 10.762       | 5.610      | 0.000   |
|      | 8  | 2        | 5.448    | 0.671     | 9.511        | 4.910      | 0.000   |
|      | 8  | 3        | 5.304    | 0.738     | 9.337        | 4.712      | 0.000   |
|      | 9  | 1        | 7.173    | 0.007     | 7.873        | 7.166      | 0.000   |
|      | 9  | 2        | 6.293    | 0.007     | 6.982        | 6.286      | 0.000   |
|      | 9  | 3        | 5.493    | 0.007     | 6.173        | 5.486      | 0.000   |
|      | 10 | 1        | 4.861    | 0.007     | 5.502        | 4.854      | 0.000   |
|      | 10 | 2        | 8.245    | 0.007     | 8.888        | 8.238      | 0.000   |
|      | 10 | 3        | 14.616   | 0.007     | 15.290       | 14.609     | 0.000   |
|      | 11 | 1        | 16.873   | 0.497     | 20.001       | 16.474     | 0.000   |
|      | 11 | 2        | 17.823   | 0.497     | 22.129       | 17.424     | 0.000   |
|      | 11 | 3        | 36.920   | 0.497     | 41.655       | 36.521     | 0.000   |
|      | 12 | 1        | 36.337   | 0.491     | 42.551       | 35.944     | 0.000   |
|      | 12 | 2        | 34.105   | 0.491     | 40.195       | 33.711     | 0.000   |
|      | 12 | 3        | 42.429   | 0.540     | 49.462       | 41.996     | 0.000   |
| Tot  | al |          | 801.689  | 18.159    | 990.784      | 787.112    | 0.000   |

| 1992 |    | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 3.421    | 1.004     | 3.354        | 2.481      | 0.000   |
| 1    | 2  |         | 4.561    | 1.019     | 4.493        | 3.605      | 0.000   |
| 1    | 3  |         | 7.877    | 1.309     | 7.803        | 6.638      | 0.000   |
| 2    | 1  |         | 5.495    | 1.287     | 5.420        | 4.278      | 0.000   |
| 2    | 2  |         | 2.609    | 0.968     | 2.534        | 1.711      | 0.000   |
| 2    | 3  |         | 1.976    | 0.767     | 1.916        | 1.265      | 0.000   |
| 3    | 1  |         | 3.720    | 0.955     | 3.653        | 2.829      | 0.000   |
| 3    | 2  |         | 3.280    | 0.985     | 3.212        | 2.359      | 0.000   |
| 3    | 3  |         | 3.622    | 1.009     | 3.548        | 2.683      | 0.000   |
| 4    | 1  |         | 2.881    | 1.090     | 2.796        | 1.870      | 0.000   |
| 4    | 2  |         | 2.550    | 1.044     | 2.465        | 1.585      | 0.000   |
| 4    | 3  |         | 3.622    | 1.150     | 3.537        | 2.551      | 0.000   |
| 5    | 1  |         | 3.440    | 1.109     | 3.358        | 2.408      | 0.000   |
| 5    | 2  |         | 2.960    | 1.093     | 2.878        | 1.944      | 0.000   |
| 5    | 3  |         | 1.688    | 1.051     | 1.614        | 0.805      | 0.084   |
| 6    | 1  |         | 1.494    | 0.974     | 1.433        | 0.715      | 0.115   |
| 6    | 2  |         | 1.811    | 0.984     | 1.743        | 0.988      | 0.082   |
| 6    | 3  |         | 1.379    | 0.971     | 1.319        | 0.612      | 0.124   |
| 7    | 1  |         | 1.494    | 0.945     | 1.433        | 0.732      | 0.107   |
| 7    | 2  |         | 1.499    | 0.938     | 1.443        | 0.768      | 0.130   |
| 7    | 3  |         | 1.379    | 1.019     | 1.325        | 0.661      | 0.225   |
| 8    | 1  |         | 1.097    | 0.835     | 1.055        | 0.579      | 0.270   |
| 8    | 2  |         | 1.125    | 0.835     | 1.083        | 0.585      | 0.242   |
| 8    | 3  |         | 1.282    | 0.914     | 1.238        | 0.655      | 0.218   |
| 9    | 1  |         | 1.015    | 0.116     | 1.015        | 0.898      | 0.000   |
| 9    | 2  |         | 1.764    | 0.134     | 1.764        | 1.630      | 0.000   |
| 9    | 3  |         | 3.305    | 0.148     | 3.305        | 3.157      | 0.000   |
| 10   | 1  |         | 1.828    | 0.142     | 1.828        | 1.686      | 0.000   |
| 10   | 2  |         | 1.757    | 0.120     | 1.757        | 1.636      | 0.000   |
| 10   | 3  |         | 2.646    | 0.160     | 2.646        | 2.486      | 0.000   |
| 11   | 1  |         | 2.928    | 0.760     | 2.872        | 2.234      | 0.000   |
| 11   | 2  |         | 2.545    | 0.771     | 2.488        | 1.839      | 0.000   |
| 11   | 3  |         | 3.278    | 0.785     | 3.221        | 2.558      | 0.000   |
| 12   | 1  |         | 1.457    | 0.794     | 1.403        | 0.795      | 0.069   |
| 12   | 2  |         | 1.509    | 0.784     | 1.462        | 0.889      | 0.100   |
| 12   | 3  |         | 1.272    | 0.848     | 1.229        | 0.654      | 0.160   |
| Tot  | al |         | 91.566   | 29.816    | 89.640       | 65.773     | 1.926   |

  

| 1992 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 1.281    | 0.295     | 1.281        | 0.986      | 0.000   |
| 1    | 2  |         | 0.801    | 0.295     | 0.801        | 0.506      | 0.000   |
| 1    | 3  |         | 0.848    | 0.325     | 0.848        | 0.523      | 0.000   |
| 2    | 1  |         | 0.785    | 0.325     | 0.785        | 0.460      | 0.000   |
| 2    | 2  |         | 0.530    | 0.325     | 0.530        | 0.205      | 0.000   |
| 2    | 3  |         | 0.361    | 0.260     | 0.361        | 0.101      | 0.000   |
| 3    | 1  |         | 0.345    | 0.295     | 0.345        | 0.050      | 0.000   |
| 3    | 2  |         | 0.300    | 0.295     | 0.300        | 0.028      | 0.023   |
| 3    | 3  |         | 0.291    | 0.325     | 0.291        | 0.031      | 0.065   |
| 4    | 1  |         | 0.249    | 0.365     | 0.249        | 0.028      | 0.144   |
| 4    | 2  |         | 0.218    | 0.365     | 0.218        | 0.028      | 0.176   |
| 4    | 3  |         | 0.187    | 0.365     | 0.187        | 0.028      | 0.206   |
| 5    | 1  |         | 0.174    | 0.354     | 0.174        | 0.028      | 0.208   |
| 5    | 2  |         | 0.157    | 0.354     | 0.157        | 0.028      | 0.225   |
| 5    | 3  |         | 0.142    | 0.390     | 0.142        | 0.031      | 0.279   |
| 6    | 1  |         | 0.110    | 0.365     | 0.110        | 0.028      | 0.283   |
| 6    | 2  |         | 0.098    | 0.365     | 0.098        | 0.028      | 0.296   |
| 6    | 3  |         | 0.089    | 0.365     | 0.089        | 0.028      | 0.304   |
| 7    | 1  |         | 0.078    | 0.354     | 0.078        | 0.028      | 0.304   |
| 7    | 2  |         | 0.069    | 0.354     | 0.069        | 0.028      | 0.313   |
| 7    | 3  |         | 0.066    | 0.390     | 0.066        | 0.031      | 0.355   |
| 8    | 1  |         | 0.052    | 0.192     | 0.052        | 0.028      | 0.167   |
| 8    | 2  |         | 0.046    | 0.192     | 0.046        | 0.028      | 0.173   |
| 8    | 3  |         | 0.045    | 0.211     | 0.045        | 0.031      | 0.197   |
| 9    | 1  |         | 0.036    | 0.019     | 0.036        | 0.028      | 0.011   |
| 9    | 2  |         | 0.033    | 0.019     | 0.033        | 0.028      | 0.013   |
| 9    | 3  |         | 0.033    | 0.019     | 0.033        | 0.028      | 0.013   |
| 10   | 1  |         | 0.034    | 0.019     | 0.034        | 0.028      | 0.012   |
| 10   | 2  |         | 0.025    | 0.019     | 0.025        | 0.025      | 0.019   |
| 10   | 3  |         | 0.025    | 0.021     | 0.025        | 0.025      | 0.021   |
| 11   | 1  |         | 0.020    | 0.166     | 0.020        | 0.020      | 0.166   |
| 11   | 2  |         | 0.036    | 0.166     | 0.036        | 0.028      | 0.158   |
| 11   | 3  |         | 0.026    | 0.166     | 0.026        | 0.026      | 0.166   |
| 12   | 1  |         | 0.030    | 0.295     | 0.030        | 0.028      | 0.293   |
| 12   | 2  |         | 0.021    | 0.295     | 0.021        | 0.021      | 0.295   |
| 12   | 3  |         | 0.023    | 0.325     | 0.023        | 0.023      | 0.325   |
| Tot  | al |         | 7.665    | 9.252     | 7.665        | 3.625      | 5.212   |

| 1992 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 1.118    | 0.211     | 1.118        | 0.907      | 0.000   |
| 1    | 2  |          | 0.797    | 0.211     | 0.797        | 0.585      | 0.000   |
| 1    | 3  |          | 0.621    | 0.233     | 0.621        | 0.389      | 0.000   |
| 2    | 1  |          | 0.465    | 0.234     | 0.465        | 0.231      | 0.000   |
| 2    | 2  |          | 0.411    | 0.234     | 0.411        | 0.177      | 0.000   |
| 2    | 3  |          | 0.323    | 0.187     | 0.323        | 0.136      | 0.000   |
| 3    | 1  |          | 0.316    | 0.211     | 0.316        | 0.105      | 0.000   |
| 3    | 2  |          | 0.279    | 0.211     | 0.279        | 0.068      | 0.000   |
| 3    | 3  |          | 0.271    | 0.233     | 0.271        | 0.043      | 0.005   |
| 4    | 1  |          | 0.219    | 0.265     | 0.219        | 0.039      | 0.085   |
| 4    | 2  |          | 0.194    | 0.265     | 0.194        | 0.039      | 0.110   |
| 4    | 3  |          | 0.171    | 0.265     | 0.171        | 0.039      | 0.133   |
| 5    | 1  |          | 0.153    | 0.257     | 0.153        | 0.039      | 0.143   |
| 5    | 2  |          | 0.135    | 0.257     | 0.135        | 0.039      | 0.161   |
| 5    | 3  |          | 0.130    | 0.282     | 0.130        | 0.043      | 0.196   |
| 6    | 1  |          | 0.104    | 0.265     | 0.104        | 0.039      | 0.201   |
| 6    | 2  |          | 0.092    | 0.265     | 0.092        | 0.039      | 0.212   |
| 6    | 3  |          | 0.082    | 0.265     | 0.082        | 0.039      | 0.222   |
| 7    | 1  |          | 0.072    | 0.257     | 0.072        | 0.039      | 0.223   |
| 7    | 2  |          | 0.064    | 0.257     | 0.064        | 0.039      | 0.232   |
| 7    | 3  |          | 0.062    | 0.282     | 0.062        | 0.043      | 0.263   |
| 8    | 1  |          | 0.050    | 0.229     | 0.050        | 0.039      | 0.218   |
| 8    | 2  |          | 0.044    | 0.229     | 0.044        | 0.039      | 0.224   |
| 8    | 3  |          | 0.043    | 0.252     | 0.043        | 0.043      | 0.252   |
| 9    | 1  |          | 0.034    | 0.006     | 0.034        | 0.034      | 0.006   |
| 9    | 2  |          | 0.030    | 0.006     | 0.030        | 0.030      | 0.006   |
| 9    | 3  |          | 0.027    | 0.006     | 0.027        | 0.027      | 0.006   |
| 10   | 1  |          | 0.025    | 0.006     | 0.025        | 0.025      | 0.006   |
| 10   | 2  |          | 0.022    | 0.006     | 0.022        | 0.022      | 0.006   |
| 10   | 3  |          | 0.021    | 0.006     | 0.021        | 0.021      | 0.006   |
| 11   | 1  |          | 0.017    | 0.195     | 0.017        | 0.017      | 0.195   |
| 11   | 2  |          | 0.024    | 0.195     | 0.024        | 0.024      | 0.195   |
| 11   | 3  |          | 0.019    | 0.195     | 0.019        | 0.019      | 0.195   |
| 12   | 1  |          | 0.017    | 0.211     | 0.017        | 0.017      | 0.211   |
| 12   | 2  |          | 0.014    | 0.211     | 0.014        | 0.014      | 0.211   |
| 12   | 3  |          | 0.014    | 0.233     | 0.014        | 0.014      | 0.233   |
| Tot  | al |          | 6.478    | 7.132     | 6.478        | 3.500      | 4.154   |

  

| 1992 | U. | Lakitan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 1.331    | 0.315     | 1.331        | 1.015      | 0.000   |
| 1    | 2  |         | 0.828    | 0.315     | 0.828        | 0.513      | 0.000   |
| 1    | 3  |         | 0.631    | 0.347     | 0.631        | 0.285      | 0.000   |
| 2    | 1  |         | 0.495    | 0.348     | 0.495        | 0.148      | 0.000   |
| 2    | 2  |         | 0.460    | 0.348     | 0.460        | 0.112      | 0.000   |
| 2    | 3  |         | 0.342    | 0.278     | 0.342        | 0.064      | 0.000   |
| 3    | 1  |         | 0.332    | 0.315     | 0.332        | 0.046      | 0.029   |
| 3    | 2  |         | 0.292    | 0.315     | 0.292        | 0.046      | 0.069   |
| 3    | 3  |         | 0.287    | 0.347     | 0.287        | 0.051      | 0.110   |
| 4    | 1  |         | 0.242    | 0.393     | 0.242        | 0.046      | 0.197   |
| 4    | 2  |         | 0.206    | 0.393     | 0.206        | 0.046      | 0.233   |
| 4    | 3  |         | 0.181    | 0.393     | 0.181        | 0.046      | 0.258   |
| 5    | 1  |         | 0.170    | 0.380     | 0.170        | 0.046      | 0.256   |
| 5    | 2  |         | 0.145    | 0.380     | 0.145        | 0.046      | 0.281   |
| 5    | 3  |         | 0.136    | 0.418     | 0.136        | 0.051      | 0.333   |
| 6    | 1  |         | 0.108    | 0.393     | 0.108        | 0.046      | 0.330   |
| 6    | 2  |         | 0.101    | 0.393     | 0.101        | 0.046      | 0.337   |
| 6    | 3  |         | 0.088    | 0.393     | 0.088        | 0.046      | 0.351   |
| 7    | 1  |         | 0.077    | 0.380     | 0.077        | 0.046      | 0.349   |
| 7    | 2  |         | 0.068    | 0.380     | 0.068        | 0.046      | 0.358   |
| 7    | 3  |         | 0.065    | 0.418     | 0.065        | 0.051      | 0.404   |
| 8    | 1  |         | 0.052    | 0.157     | 0.052        | 0.046      | 0.151   |
| 8    | 2  |         | 0.046    | 0.157     | 0.046        | 0.046      | 0.157   |
| 8    | 3  |         | 0.044    | 0.173     | 0.044        | 0.044      | 0.173   |
| 9    | 1  |         | 0.036    | 0.008     | 0.036        | 0.036      | 0.008   |
| 9    | 2  |         | 0.032    | 0.008     | 0.032        | 0.032      | 0.008   |
| 9    | 3  |         | 0.031    | 0.008     | 0.031        | 0.031      | 0.008   |
| 10   | 1  |         | 0.029    | 0.008     | 0.029        | 0.029      | 0.008   |
| 10   | 2  |         | 0.024    | 0.008     | 0.024        | 0.024      | 0.008   |
| 10   | 3  |         | 0.023    | 0.009     | 0.023        | 0.023      | 0.009   |
| 11   | 1  |         | 0.018    | 0.135     | 0.018        | 0.018      | 0.135   |
| 11   | 2  |         | 0.041    | 0.135     | 0.041        | 0.041      | 0.135   |
| 11   | 3  |         | 0.024    | 0.135     | 0.024        | 0.024      | 0.135   |
| 12   | 1  |         | 0.022    | 0.315     | 0.022        | 0.022      | 0.315   |
| 12   | 2  |         | 0.020    | 0.315     | 0.020        | 0.020      | 0.315   |
| 12   | 3  |         | 0.018    | 0.347     | 0.018        | 0.018      | 0.347   |
| Tot  | al |         | 7.045    | 9.563     | 7.045        | 3.294      | 5.812   |



| 1992 | L. | Lakitan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 1.349    | 0.038       | 1.603        | 1.312      | 0.000   |
| 1    | 2  |         | 0.768    | 0.038       | 1.022        | 0.730      | 0.000   |
| 1    | 3  |         | 0.499    | 0.041       | 0.778        | 0.458      | 0.000   |
| 2    | 1  |         | 0.325    | 0.041       | 0.605        | 0.284      | 0.000   |
| 2    | 2  |         | 0.277    | 0.041       | 0.557        | 0.236      | 0.000   |
| 2    | 3  |         | 0.194    | 0.033       | 0.418        | 0.161      | 0.000   |
| 3    | 1  |         | 0.175    | 0.038       | 0.406        | 0.138      | 0.000   |
| 3    | 2  |         | 0.158    | 0.038       | 0.356        | 0.121      | 0.000   |
| 3    | 3  |         | 0.159    | 0.041       | 0.350        | 0.118      | 0.000   |
| 4    | 1  |         | 0.135    | 0.046       | 0.293        | 0.089      | 0.000   |
| 4    | 2  |         | 0.122    | 0.046       | 0.251        | 0.076      | 0.000   |
| 4    | 3  |         | 0.111    | 0.046       | 0.220        | 0.065      | 0.000   |
| 5    | 1  |         | 0.105    | 0.044       | 0.206        | 0.061      | 0.000   |
| 5    | 2  |         | 0.096    | 0.044       | 0.177        | 0.057      | 0.005   |
| 5    | 3  |         | 0.096    | 0.049       | 0.166        | 0.063      | 0.015   |
| 6    | 1  |         | 0.081    | 0.046       | 0.132        | 0.057      | 0.022   |
| 6    | 2  |         | 0.077    | 0.046       | 0.123        | 0.057      | 0.026   |
| 6    | 3  |         | 0.072    | 0.046       | 0.107        | 0.057      | 0.030   |
| 7    | 1  |         | 0.067    | 0.044       | 0.094        | 0.057      | 0.034   |
| 7    | 2  |         | 0.064    | 0.044       | 0.083        | 0.057      | 0.037   |
| 7    | 3  |         | 0.066    | 0.049       | 0.079        | 0.063      | 0.045   |
| 8    | 1  |         | 0.058    | 0.037       | 0.063        | 0.057      | 0.036   |
| 8    | 2  |         | 0.056    | 0.037       | 0.056        | 0.056      | 0.037   |
| 8    | 3  |         | 0.054    | 0.040       | 0.054        | 0.054      | 0.040   |
| 9    | 1  |         | 0.044    | 0.006       | 0.044        | 0.044      | 0.006   |
| 9    | 2  |         | 0.039    | 0.006       | 0.039        | 0.039      | 0.006   |
| 9    | 3  |         | 0.037    | 0.006       | 0.037        | 0.037      | 0.006   |
| 10   | 1  |         | 0.035    | 0.006       | 0.035        | 0.035      | 0.006   |
| 10   | 2  |         | 0.029    | 0.006       | 0.029        | 0.029      | 0.006   |
| 10   | 3  |         | 0.028    | 0.006       | 0.028        | 0.028      | 0.006   |
| 11   | 1  |         | 0.022    | 0.032       | 0.022        | 0.022      | 0.032   |
| 11   | 2  |         | 0.047    | 0.032       | 0.047        | 0.047      | 0.032   |
| 11   | 3  |         | 0.028    | 0.032       | 0.028        | 0.028      | 0.032   |
| 12   | 1  |         | 0.026    | 0.038       | 0.026        | 0.026      | 0.038   |
| 12   | 2  |         | 0.023    | 0.038       | 0.023        | 0.023      | 0.038   |
| 12   | 3  |         | 0.022    | 0.041       | 0.022        | 0.022      | 0.041   |
| Tot  | al |         | 5.545    | 1.256       | 8.582        | 4.865      | 0.576   |

  

| 1992 | M. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|---------|----------|-------------|--------------|------------|---------|
| 1    | 1       | 6.509    | 0.072       | 8.063        | 6.437      | 0.000   |
| 1    | 2       | 6.249    | 0.072       | 7.819        | 6.177      | 0.000   |
| 1    | 3       | 9.157    | 0.079       | 11.071       | 9.077      | 0.000   |
| 2    | 1       | 6.459    | 0.079       | 8.351        | 6.380      | 0.000   |
| 2    | 2       | 3.272    | 0.079       | 4.845        | 3.192      | 0.000   |
| 2    | 3       | 2.480    | 0.063       | 3.730        | 2.416      | 0.000   |
| 3    | 1       | 4.047    | 0.072       | 5.530        | 3.975      | 0.000   |
| 3    | 2       | 3.489    | 0.072       | 4.950        | 3.417      | 0.000   |
| 3    | 3       | 3.959    | 0.079       | 5.429        | 3.880      | 0.000   |
| 4    | 1       | 2.965    | 0.089       | 4.395        | 2.876      | 0.000   |
| 4    | 2       | 2.442    | 0.089       | 3.752        | 2.353      | 0.000   |
| 4    | 3       | 3.290    | 0.089       | 4.644        | 3.201      | 0.000   |
| 5    | 1       | 3.267    | 0.086       | 4.551        | 3.181      | 0.000   |
| 5    | 2       | 2.698    | 0.086       | 3.914        | 2.611      | 0.000   |
| 5    | 3       | 1.440    | 0.095       | 2.493        | 1.345      | 0.000   |
| 6    | 1       | 1.288    | 0.089       | 2.183        | 1.199      | 0.000   |
| 6    | 2       | 1.545    | 0.089       | 2.448        | 1.455      | 0.000   |
| 6    | 3       | 1.217    | 0.089       | 2.045        | 1.128      | 0.000   |
| 7    | 1       | 1.329    | 0.086       | 2.122        | 1.243      | 0.000   |
| 7    | 2       | 1.304    | 0.086       | 2.046        | 1.218      | 0.000   |
| 7    | 3       | 1.353    | 0.095       | 2.064        | 1.258      | 0.000   |
| 8    | 1       | 1.148    | 0.070       | 1.651        | 1.078      | 0.000   |
| 8    | 2       | 1.022    | 0.070       | 1.530        | 0.952      | 0.000   |
| 8    | 3       | 1.187    | 0.077       | 1.769        | 1.110      | 0.000   |
| 9    | 1       | 1.387    | 0.004       | 1.511        | 1.383      | 0.000   |
| 9    | 2       | 2.212    | 0.004       | 2.352        | 2.208      | 0.000   |
| 9    | 3       | 3.812    | 0.004       | 3.966        | 3.808      | 0.000   |
| 10   | 1       | 2.479    | 0.004       | 2.627        | 2.474      | 0.000   |
| 10   | 2       | 2.455    | 0.004       | 2.575        | 2.451      | 0.000   |
| 10   | 3       | 3.449    | 0.005       | 3.609        | 3.445      | 0.000   |
| 11   | 1       | 3.140    | 0.060       | 3.767        | 3.080      | 0.000   |
| 11   | 2       | 2.924    | 0.060       | 3.571        | 2.864      | 0.000   |
| 11   | 3       | 3.623    | 0.060       | 4.275        | 3.563      | 0.000   |
| 12   | 1       | 1.559    | 0.072       | 2.155        | 1.487      | 0.000   |
| 12   | 2       | 1.408    | 0.072       | 1.967        | 1.336      | 0.000   |
| 12   | 3       | 1.122    | 0.079       | 1.682        | 1.043      | 0.000   |
| Tot  | al      | 102.687  | 2.386       | 135.451      | 100.300    | 0.000   |

| 1992 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 2.090    | 0.242    | 2.090     | 1.848        | 0.000      |         |
| 1    | 2  | 2.182    | 0.242    | 2.182     | 1.940        | 0.000      |         |
| 1    | 3  | 2.240    | 0.267    | 2.240     | 1.974        | 0.000      |         |
| 2    | 1  | 1.754    | 0.268    | 1.754     | 1.486        | 0.000      |         |
| 2    | 2  | 2.514    | 0.268    | 2.514     | 2.246        | 0.000      |         |
| 2    | 3  | 1.833    | 0.214    | 1.833     | 1.619        | 0.000      |         |
| 3    | 1  | 2.022    | 0.242    | 2.022     | 1.780        | 0.000      |         |
| 3    | 2  | 2.819    | 0.242    | 2.819     | 2.576        | 0.000      |         |
| 3    | 3  | 2.884    | 0.267    | 2.884     | 2.618        | 0.000      |         |
| 4    | 1  | 1.604    | 0.302    | 1.604     | 1.302        | 0.000      |         |
| 4    | 2  | 1.709    | 0.302    | 1.709     | 1.407        | 0.000      |         |
| 4    | 3  | 1.418    | 0.302    | 1.418     | 1.115        | 0.000      |         |
| 5    | 1  | 1.367    | 0.293    | 1.367     | 1.074        | 0.000      |         |
| 5    | 2  | 1.165    | 0.293    | 1.165     | 0.872        | 0.000      |         |
| 5    | 3  | 1.133    | 0.322    | 1.133     | 0.811        | 0.000      |         |
| 6    | 1  | 1.005    | 0.302    | 1.005     | 0.702        | 0.000      |         |
| 6    | 2  | 1.083    | 0.302    | 1.083     | 0.781        | 0.000      |         |
| 6    | 3  | 0.838    | 0.302    | 0.838     | 0.536        | 0.000      |         |
| 7    | 1  | 0.721    | 0.293    | 0.721     | 0.428        | 0.000      |         |
| 7    | 2  | 0.680    | 0.293    | 0.680     | 0.388        | 0.000      |         |
| 7    | 3  | 0.723    | 0.322    | 0.723     | 0.401        | 0.000      |         |
| 8    | 1  | 0.531    | 0.236    | 0.531     | 0.296        | 0.000      |         |
| 8    | 2  | 0.622    | 0.236    | 0.622     | 0.386        | 0.000      |         |
| 8    | 3  | 0.681    | 0.259    | 0.681     | 0.422        | 0.000      |         |
| 9    | 1  | 0.889    | 0.005    | 0.889     | 0.884        | 0.000      |         |
| 9    | 2  | 0.931    | 0.005    | 0.931     | 0.926        | 0.000      |         |
| 9    | 3  | 0.875    | 0.005    | 0.875     | 0.871        | 0.000      |         |
| 10   | 1  | 0.846    | 0.005    | 0.846     | 0.841        | 0.000      |         |
| 10   | 2  | 0.743    | 0.005    | 0.743     | 0.738        | 0.000      |         |
| 10   | 3  | 0.816    | 0.005    | 0.816     | 0.811        | 0.000      |         |
| 11   | 1  | 0.585    | 0.201    | 0.585     | 0.384        | 0.000      |         |
| 11   | 2  | 0.819    | 0.201    | 0.819     | 0.617        | 0.000      |         |
| 11   | 3  | 0.862    | 0.201    | 0.862     | 0.661        | 0.000      |         |
| 12   | 1  | 0.968    | 0.242    | 0.968     | 0.726        | 0.000      |         |
| 12   | 2  | 0.628    | 0.242    | 0.628     | 0.386        | 0.000      |         |
| 12   | 3  | 0.599    | 0.267    | 0.599     | 0.333        | 0.000      |         |
| Tot  | al | 45.180   | 7.995    | 45.180    | 37.185       | 0.000      |         |

| 1992 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 2.445    | 0.174    | 2.640     | 2.271        | 0.000      |         |
| 1    | 2  | 2.961    | 0.174    | 3.155     | 2.786        | 0.000      |         |
| 1    | 3  | 2.839    | 0.191    | 3.053     | 2.648        | 0.000      |         |
| 2    | 1  | 2.108    | 0.192    | 2.324     | 1.916        | 0.000      |         |
| 2    | 2  | 3.858    | 0.192    | 4.073     | 3.666        | 0.000      |         |
| 2    | 3  | 3.486    | 0.154    | 3.658     | 3.332        | 0.000      |         |
| 3    | 1  | 3.685    | 0.174    | 3.880     | 3.511        | 0.000      |         |
| 3    | 2  | 3.995    | 0.174    | 4.189     | 3.821        | 0.000      |         |
| 3    | 3  | 3.934    | 0.191    | 4.148     | 3.742        | 0.000      |         |
| 4    | 1  | 2.863    | 0.219    | 3.106     | 2.644        | 0.000      |         |
| 4    | 2  | 3.156    | 0.219    | 3.399     | 2.937        | 0.000      |         |
| 4    | 3  | 2.343    | 0.219    | 2.586     | 2.124        | 0.000      |         |
| 5    | 1  | 2.091    | 0.212    | 2.326     | 1.879        | 0.000      |         |
| 5    | 2  | 1.801    | 0.212    | 2.036     | 1.589        | 0.000      |         |
| 5    | 3  | 1.678    | 0.234    | 1.937     | 1.445        | 0.000      |         |
| 6    | 1  | 1.386    | 0.219    | 1.629     | 1.167        | 0.000      |         |
| 6    | 2  | 1.402    | 0.219    | 1.645     | 1.183        | 0.000      |         |
| 6    | 3  | 1.112    | 0.219    | 1.354     | 0.892        | 0.000      |         |
| 7    | 1  | 0.966    | 0.212    | 1.201     | 0.754        | 0.000      |         |
| 7    | 2  | 0.928    | 0.212    | 1.163     | 0.716        | 0.000      |         |
| 7    | 3  | 0.951    | 0.234    | 1.210     | 0.718        | 0.000      |         |
| 8    | 1  | 0.766    | 0.174    | 0.955     | 0.591        | 0.000      |         |
| 8    | 2  | 0.838    | 0.174    | 1.028     | 0.664        | 0.000      |         |
| 8    | 3  | 0.915    | 0.192    | 1.123     | 0.723        | 0.000      |         |
| 9    | 1  | 1.365    | 0.005    | 1.369     | 1.360        | 0.000      |         |
| 9    | 2  | 1.605    | 0.005    | 1.609     | 1.600        | 0.000      |         |
| 9    | 3  | 1.723    | 0.005    | 1.727     | 1.718        | 0.000      |         |
| 10   | 1  | 1.506    | 0.005    | 1.510     | 1.501        | 0.000      |         |
| 10   | 2  | 1.526    | 0.005    | 1.531     | 1.521        | 0.000      |         |
| 10   | 3  | 1.757    | 0.006    | 1.762     | 1.751        | 0.000      |         |
| 11   | 1  | 1.183    | 0.147    | 1.345     | 1.035        | 0.000      |         |
| 11   | 2  | 1.585    | 0.147    | 1.747     | 1.438        | 0.000      |         |
| 11   | 3  | 1.874    | 0.147    | 2.036     | 1.726        | 0.000      |         |
| 12   | 1  | 2.062    | 0.174    | 2.256     | 1.888        | 0.000      |         |
| 12   | 2  | 1.177    | 0.174    | 1.371     | 1.002        | 0.000      |         |
| 12   | 3  | 0.993    | 0.191    | 1.207     | 0.801        | 0.000      |         |
| Tot  | al | 70.862   | 5.803    | 77.291    | 65.058       | 0.000      |         |

| 1992 |     | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|----------|----------|-----------|--------------|------------|---------|
|      | 1   |          | 2.187    | 0.328     | 2.187        | 1.859      | 0.000   |
|      | 1   | 2        | 2.239    | 0.328     | 2.239        | 1.911      | 0.000   |
|      | 1   | 3        | 2.429    | 0.361     | 2.429        | 2.068      | 0.000   |
|      | 2   | 1        | 1.934    | 0.363     | 1.934        | 1.571      | 0.000   |
|      | 2   | 2        | 2.495    | 0.363     | 2.495        | 2.133      | 0.000   |
|      | 2   | 3        | 2.055    | 0.290     | 2.055        | 1.765      | 0.000   |
|      | 3   | 1        | 2.069    | 0.328     | 2.069        | 1.741      | 0.000   |
|      | 3   | 2        | 2.555    | 0.328     | 2.555        | 2.227      | 0.000   |
|      | 3   | 3        | 3.094    | 0.361     | 3.094        | 2.733      | 0.000   |
|      | 4   | 1        | 2.034    | 0.470     | 2.034        | 1.564      | 0.000   |
|      | 4   | 2        | 1.802    | 0.470     | 1.802        | 1.331      | 0.000   |
|      | 4   | 3        | 1.594    | 0.470     | 1.594        | 1.123      | 0.000   |
|      | 5   | 1        | 1.501    | 0.455     | 1.501        | 1.046      | 0.000   |
|      | 5   | 2        | 1.315    | 0.455     | 1.315        | 0.859      | 0.000   |
|      | 5   | 3        | 1.300    | 0.501     | 1.300        | 0.799      | 0.000   |
|      | 6   | 1        | 1.102    | 0.470     | 1.102        | 0.631      | 0.000   |
|      | 6   | 2        | 1.156    | 0.470     | 1.156        | 0.686      | 0.000   |
|      | 6   | 3        | 0.984    | 0.470     | 0.984        | 0.513      | 0.000   |
|      | 7   | 1        | 0.843    | 0.455     | 0.843        | 0.388      | 0.000   |
|      | 7   | 2        | 0.768    | 0.455     | 0.768        | 0.312      | 0.000   |
|      | 7   | 3        | 0.800    | 0.501     | 0.800        | 0.300      | 0.000   |
|      | 8   | 1        | 0.627    | 0.451     | 0.627        | 0.176      | 0.000   |
|      | 8   | 2        | 0.668    | 0.451     | 0.668        | 0.217      | 0.000   |
|      | 8   | 3        | 0.771    | 0.496     | 0.771        | 0.275      | 0.000   |
|      | 9   | 1        | 0.928    | 0.002     | 0.928        | 0.926      | 0.000   |
|      | 9   | 2        | 1.040    | 0.002     | 1.040        | 1.038      | 0.000   |
|      | 9   | 3        | 0.960    | 0.002     | 0.960        | 0.958      | 0.000   |
|      | 10  | 1        | 0.922    | 0.002     | 0.922        | 0.920      | 0.000   |
|      | 10  | 2        | 0.843    | 0.002     | 0.843        | 0.841      | 0.000   |
|      | 10  | 3        | 0.884    | 0.002     | 0.884        | 0.882      | 0.000   |
|      | 11  | 1        | 0.710    | 0.335     | 0.710        | 0.375      | 0.000   |
|      | 11  | 2        | 0.844    | 0.335     | 0.844        | 0.509      | 0.000   |
|      | 11  | 3        | 0.876    | 0.335     | 0.876        | 0.541      | 0.000   |
|      | 12  | 1        | 0.989    | 0.328     | 0.989        | 0.661      | 0.000   |
|      | 12  | 2        | 0.778    | 0.328     | 0.778        | 0.450      | 0.000   |
|      | 12  | 3        | 0.721    | 0.361     | 0.721        | 0.360      | 0.000   |
|      | Tot | al       | 48.815   | 12.125    | 48.815       | 36.691     | 0.000   |
|      |     |          |          |           |              |            |         |
| 1992 | U.  | Lematang | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|      | 1   |          | 3.387    | 0.475     | 3.387        | 2.912      | 0.000   |
|      | 1   | 2        | 2.971    | 0.475     | 2.971        | 2.496      | 0.000   |
|      | 1   | 3        | 5.161    | 0.522     | 5.161        | 4.639      | 0.000   |
|      | 2   | 1        | 4.073    | 0.523     | 4.073        | 3.550      | 0.000   |
|      | 2   | 2        | 3.218    | 0.523     | 3.218        | 2.695      | 0.000   |
|      | 2   | 3        | 3.128    | 0.418     | 3.128        | 2.710      | 0.000   |
|      | 3   | 1        | 3.036    | 0.475     | 3.036        | 2.561      | 0.000   |
|      | 3   | 2        | 3.475    | 0.475     | 3.475        | 3.000      | 0.000   |
|      | 3   | 3        | 4.393    | 0.522     | 4.393        | 3.871      | 0.000   |
|      | 4   | 1        | 2.426    | 0.521     | 2.426        | 1.905      | 0.000   |
|      | 4   | 2        | 2.132    | 0.521     | 2.132        | 1.611      | 0.000   |
|      | 4   | 3        | 2.551    | 0.521     | 2.551        | 2.031      | 0.000   |
|      | 5   | 1        | 2.699    | 0.505     | 2.699        | 2.194      | 0.000   |
|      | 5   | 2        | 1.885    | 0.505     | 1.885        | 1.380      | 0.000   |
|      | 5   | 3        | 1.894    | 0.555     | 1.894        | 1.338      | 0.000   |
|      | 6   | 1        | 1.767    | 0.521     | 1.767        | 1.246      | 0.000   |
|      | 6   | 2        | 2.498    | 0.521     | 2.498        | 1.977      | 0.000   |
|      | 6   | 3        | 1.774    | 0.521     | 1.774        | 1.253      | 0.000   |
|      | 7   | 1        | 2.095    | 0.505     | 2.095        | 1.591      | 0.000   |
|      | 7   | 2        | 1.859    | 0.505     | 1.859        | 1.354      | 0.000   |
|      | 7   | 3        | 3.173    | 0.555     | 3.173        | 2.618      | 0.000   |
|      | 8   | 1        | 1.067    | 0.505     | 1.067        | 0.563      | 0.000   |
|      | 8   | 2        | 1.575    | 0.505     | 1.575        | 1.070      | 0.000   |
|      | 8   | 3        | 2.180    | 0.555     | 2.180        | 1.625      | 0.000   |
|      | 9   | 1        | 2.197    | 0.028     | 2.197        | 2.169      | 0.000   |
|      | 9   | 2        | 2.922    | 0.028     | 2.922        | 2.894      | 0.000   |
|      | 9   | 3        | 2.501    | 0.028     | 2.501        | 2.473      | 0.000   |
|      | 10  | 1        | 3.931    | 0.028     | 3.931        | 3.903      | 0.000   |
|      | 10  | 2        | 3.109    | 0.028     | 3.109        | 3.080      | 0.000   |
|      | 10  | 3        | 4.108    | 0.031     | 4.108        | 4.077      | 0.000   |
|      | 11  | 1        | 3.621    | 0.490     | 3.621        | 3.131      | 0.000   |
|      | 11  | 2        | 4.990    | 0.490     | 4.990        | 4.500      | 0.000   |
|      | 11  | 3        | 2.941    | 0.490     | 2.941        | 2.451      | 0.000   |
|      | 12  | 1        | 1.448    | 0.475     | 1.448        | 0.973      | 0.000   |
|      | 12  | 2        | 1.289    | 0.475     | 1.289        | 0.814      | 0.000   |
|      | 12  | 3        | 1.265    | 0.522     | 1.265        | 0.742      | 0.000   |
|      | Tot | al       | 98.739   | 15.340    | 98.739       | 83.399     | 0.000   |

| 1992 | L. | Lematang | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 6.206    | 0.420     | 6.591        | 5.786      | 0.000   |
| 1    | 2  |          | 4.469    | 0.420     | 4.855        | 4.050      | 0.000   |
| 1    | 3  |          | 6.137    | 0.462     | 6.561        | 5.675      | 0.000   |
| 2    | 1  |          | 4.961    | 0.464     | 5.385        | 4.497      | 0.000   |
| 2    | 2  |          | 4.584    | 0.464     | 5.008        | 4.120      | 0.000   |
| 2    | 3  |          | 3.968    | 0.371     | 4.307        | 3.597      | 0.000   |
| 3    | 1  |          | 3.839    | 0.420     | 4.224        | 3.419      | 0.000   |
| 3    | 2  |          | 4.503    | 0.420     | 4.888        | 4.083      | 0.000   |
| 3    | 3  |          | 6.111    | 0.462     | 6.535        | 5.650      | 0.000   |
| 4    | 1  |          | 4.262    | 0.566     | 4.684        | 3.696      | 0.000   |
| 4    | 2  |          | 3.602    | 0.566     | 4.024        | 3.036      | 0.000   |
| 4    | 3  |          | 4.063    | 0.566     | 4.485        | 3.497      | 0.000   |
| 5    | 1  |          | 4.441    | 0.548     | 4.851        | 3.894      | 0.000   |
| 5    | 2  |          | 3.306    | 0.548     | 3.715        | 2.758      | 0.000   |
| 5    | 3  |          | 2.844    | 0.602     | 3.295        | 2.242      | 0.000   |
| 6    | 1  |          | 2.412    | 0.566     | 2.835        | 1.847      | 0.000   |
| 6    | 2  |          | 3.037    | 0.566     | 3.459        | 2.471      | 0.000   |
| 6    | 3  |          | 2.208    | 0.566     | 2.630        | 1.642      | 0.000   |
| 7    | 1  |          | 2.427    | 0.548     | 2.837        | 1.879      | 0.000   |
| 7    | 2  |          | 2.106    | 0.548     | 2.516        | 1.558      | 0.000   |
| 7    | 3  |          | 3.365    | 0.602     | 3.815        | 2.762      | 0.000   |
| 8    | 1  |          | 1.171    | 0.548     | 1.581        | 0.624      | 0.000   |
| 8    | 2  |          | 1.615    | 0.548     | 2.025        | 1.068      | 0.000   |
| 8    | 3  |          | 2.175    | 0.602     | 2.626        | 1.573      | 0.000   |
| 9    | 1  |          | 2.575    | 0.009     | 2.604        | 2.566      | 0.000   |
| 9    | 2  |          | 3.287    | 0.009     | 3.315        | 3.278      | 0.000   |
| 9    | 3  |          | 2.828    | 0.009     | 2.856        | 2.819      | 0.000   |
| 10   | 1  |          | 4.399    | 0.009     | 4.427        | 4.390      | 0.000   |
| 10   | 2  |          | 3.608    | 0.009     | 3.636        | 3.598      | 0.000   |
| 10   | 3  |          | 5.027    | 0.010     | 5.057        | 5.016      | 0.000   |
| 11   | 1  |          | 4.477    | 0.433     | 4.875        | 4.044      | 0.000   |
| 11   | 2  |          | 5.818    | 0.433     | 6.215        | 5.385      | 0.000   |
| 11   | 3  |          | 4.069    | 0.433     | 4.467        | 3.636      | 0.000   |
| 12   | 1  |          | 2.012    | 0.420     | 2.398        | 1.592      | 0.000   |
| 12   | 2  |          | 1.731    | 0.420     | 2.116        | 1.311      | 0.000   |
| 12   | 3  |          | 1.839    | 0.462     | 2.263        | 1.377      | 0.000   |
| Tot  | al |          | 129.483  | 15.047    | 141.960      | 114.437    | 0.000   |
| 1992 |    | U. Ogan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 3.257    | 0.354     | 3.257        | 2.903      | 0.000   |
| 1    | 2  |          | 2.836    | 0.354     | 2.836        | 2.482      | 0.000   |
| 1    | 3  |          | 2.837    | 0.390     | 2.837        | 2.447      | 0.000   |
| 2    | 1  |          | 2.806    | 0.388     | 2.806        | 2.418      | 0.000   |
| 2    | 2  |          | 2.760    | 0.388     | 2.760        | 2.372      | 0.000   |
| 2    | 3  |          | 1.803    | 0.311     | 1.803        | 1.492      | 0.000   |
| 3    | 1  |          | 2.348    | 0.354     | 2.348        | 1.993      | 0.000   |
| 3    | 2  |          | 2.823    | 0.354     | 2.823        | 2.468      | 0.000   |
| 3    | 3  |          | 3.426    | 0.390     | 3.426        | 3.036      | 0.000   |
| 4    | 1  |          | 2.937    | 0.379     | 2.937        | 2.558      | 0.000   |
| 4    | 2  |          | 2.151    | 0.379     | 2.151        | 1.772      | 0.000   |
| 4    | 3  |          | 2.529    | 0.379     | 2.529        | 2.150      | 0.000   |
| 5    | 1  |          | 2.754    | 0.368     | 2.754        | 2.385      | 0.000   |
| 5    | 2  |          | 2.245    | 0.368     | 2.245        | 1.876      | 0.000   |
| 5    | 3  |          | 1.460    | 0.405     | 1.460        | 1.055      | 0.000   |
| 6    | 1  |          | 1.227    | 0.379     | 1.227        | 0.847      | 0.000   |
| 6    | 2  |          | 1.068    | 0.379     | 1.068        | 0.689      | 0.000   |
| 6    | 3  |          | 0.878    | 0.379     | 0.878        | 0.499      | 0.000   |
| 7    | 1  |          | 1.024    | 0.368     | 1.024        | 0.656      | 0.000   |
| 7    | 2  |          | 1.137    | 0.368     | 1.137        | 0.769      | 0.000   |
| 7    | 3  |          | 1.126    | 0.405     | 1.126        | 0.721      | 0.000   |
| 8    | 1  |          | 0.848    | 0.105     | 0.848        | 0.743      | 0.000   |
| 8    | 2  |          | 0.656    | 0.105     | 0.656        | 0.551      | 0.000   |
| 8    | 3  |          | 0.877    | 0.116     | 0.877        | 0.762      | 0.000   |
| 9    | 1  |          | 0.831    | 0.037     | 0.831        | 0.794      | 0.000   |
| 9    | 2  |          | 0.820    | 0.037     | 0.820        | 0.782      | 0.000   |
| 9    | 3  |          | 0.717    | 0.037     | 0.717        | 0.679      | 0.000   |
| 10   | 1  |          | 0.887    | 0.037     | 0.887        | 0.850      | 0.000   |
| 10   | 2  |          | 0.776    | 0.037     | 0.776        | 0.739      | 0.000   |
| 10   | 3  |          | 1.304    | 0.041     | 1.304        | 1.263      | 0.000   |
| 11   | 1  |          | 1.926    | 0.141     | 1.926        | 1.785      | 0.000   |
| 11   | 2  |          | 2.906    | 0.141     | 2.906        | 2.765      | 0.000   |
| 11   | 3  |          | 1.991    | 0.141     | 1.991        | 1.850      | 0.000   |
| 12   | 1  |          | 1.137    | 0.354     | 1.137        | 0.783      | 0.000   |
| 12   | 2  |          | 1.260    | 0.354     | 1.260        | 0.906      | 0.000   |
| 12   | 3  |          | 1.108    | 0.390     | 1.108        | 0.718      | 0.000   |
| Tot  | al |          | 63.474   | 9.918     | 63.474       | 53.556     | 0.000   |

| 1992 |     | L. Ogan  | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|----------|----------|-------------|--------------|------------|---------|
|      | 1   |          | 8.631    | 0.586       | 8.922        | 8.046      | 0.000   |
|      | 1   | 2        | 6.355    | 0.586       | 6.646        | 5.770      | 0.000   |
|      | 1   | 3        | 5.550    | 0.644       | 5.870        | 4.905      | 0.000   |
|      | 2   | 1        | 5.590    | 0.647       | 5.908        | 4.942      | 0.000   |
|      | 2   | 2        | 5.727    | 0.647       | 6.045        | 5.080      | 0.000   |
|      | 2   | 3        | 3.936    | 0.518       | 4.191        | 3.418      | 0.000   |
|      | 3   | 1        | 4.784    | 0.586       | 5.075        | 4.198      | 0.000   |
|      | 3   | 2        | 6.238    | 0.586       | 6.529        | 5.653      | 0.000   |
|      | 3   | 3        | 7.523    | 0.644       | 7.843        | 6.879      | 0.000   |
|      | 4   | 1        | 5.792    | 0.163       | 6.102        | 5.629      | 0.000   |
|      | 4   | 2        | 5.051    | 0.163       | 5.362        | 4.889      | 0.000   |
|      | 4   | 3        | 5.803    | 0.163       | 6.114        | 5.640      | 0.000   |
|      | 5   | 1        | 6.238    | 0.158       | 6.540        | 6.080      | 0.000   |
|      | 5   | 2        | 5.408    | 0.158       | 5.710        | 5.250      | 0.000   |
|      | 5   | 3        | 3.604    | 0.174       | 3.936        | 3.430      | 0.000   |
|      | 6   | 1        | 2.752    | 0.163       | 3.063        | 2.589      | 0.000   |
|      | 6   | 2        | 2.322    | 0.163       | 2.633        | 2.159      | 0.000   |
|      | 6   | 3        | 1.886    | 0.163       | 2.197        | 1.723      | 0.000   |
|      | 7   | 1        | 1.884    | 0.158       | 2.186        | 1.726      | 0.000   |
|      | 7   | 2        | 1.938    | 0.158       | 2.240        | 1.780      | 0.000   |
|      | 7   | 3        | 1.970    | 0.174       | 2.302        | 1.797      | 0.000   |
|      | 8   | 1        | 1.696    | 0.122       | 1.787        | 1.574      | 0.000   |
|      | 8   | 2        | 1.359    | 0.122       | 1.451        | 1.237      | 0.000   |
|      | 8   | 3        | 1.671    | 0.134       | 1.772        | 1.538      | 0.000   |
|      | 9   | 1        | 1.709    | 0.009       | 1.746        | 1.700      | 0.000   |
|      | 9   | 2        | 1.661    | 0.009       | 1.698        | 1.652      | 0.000   |
|      | 9   | 3        | 1.484    | 0.009       | 1.521        | 1.475      | 0.000   |
|      | 10  | 1        | 1.901    | 0.009       | 1.938        | 1.891      | 0.000   |
|      | 10  | 2        | 1.704    | 0.009       | 1.741        | 1.695      | 0.000   |
|      | 10  | 3        | 2.979    | 0.010       | 3.020        | 2.969      | 0.000   |
|      | 11  | 1        | 4.301    | 0.574       | 4.421        | 3.727      | 0.000   |
|      | 11  | 2        | 5.004    | 0.574       | 5.124        | 4.430      | 0.000   |
|      | 11  | 3        | 4.378    | 0.574       | 4.498        | 3.804      | 0.000   |
|      | 12  | 1        | 2.665    | 0.586       | 2.956        | 2.079      | 0.000   |
|      | 12  | 2        | 2.887    | 0.586       | 3.178        | 2.301      | 0.000   |
|      | 12  | 3        | 3.708    | 0.644       | 4.028        | 3.064      | 0.000   |
|      | Tot | al       | 138.089  | 11.371      | 146.294      | 126.718    | 0.000   |
|      |     |          |          |             |              |            |         |
| 1992 | U.  | Komering | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|      | 1   | 1        | 3.739    | 0.884       | 3.739        | 2.855      | 0.000   |
|      | 1   | 2        | 4.833    | 0.884       | 4.833        | 3.950      | 0.000   |
|      | 1   | 3        | 2.909    | 0.972       | 2.909        | 1.937      | 0.000   |
|      | 2   | 1        | 2.952    | 0.973       | 2.952        | 1.980      | 0.000   |
|      | 2   | 2        | 2.753    | 0.973       | 2.753        | 1.781      | 0.000   |
|      | 2   | 3        | 2.798    | 0.778       | 2.798        | 2.019      | 0.000   |
|      | 3   | 1        | 2.103    | 0.884       | 2.103        | 1.220      | 0.000   |
|      | 3   | 2        | 4.105    | 0.884       | 4.105        | 3.221      | 0.000   |
|      | 3   | 3        | 5.194    | 0.972       | 5.194        | 4.222      | 0.000   |
|      | 4   | 1        | 3.477    | 1.094       | 3.477        | 2.383      | 0.000   |
|      | 4   | 2        | 2.319    | 1.094       | 2.319        | 1.225      | 0.000   |
|      | 4   | 3        | 3.118    | 1.094       | 3.118        | 2.024      | 0.000   |
|      | 5   | 1        | 3.727    | 1.060       | 3.727        | 2.666      | 0.000   |
|      | 5   | 2        | 4.769    | 1.060       | 4.769        | 3.709      | 0.000   |
|      | 5   | 3        | 2.967    | 1.166       | 2.967        | 1.801      | 0.000   |
|      | 6   | 1        | 2.394    | 1.094       | 2.394        | 1.300      | 0.000   |
|      | 6   | 2        | 2.005    | 1.094       | 2.005        | 0.911      | 0.000   |
|      | 6   | 3        | 1.627    | 1.094       | 1.627        | 0.533      | 0.000   |
|      | 7   | 1        | 1.734    | 1.060       | 1.734        | 0.674      | 0.000   |
|      | 7   | 2        | 1.690    | 1.060       | 1.690        | 0.629      | 0.000   |
|      | 7   | 3        | 1.518    | 1.166       | 1.518        | 0.385      | 0.033   |
|      | 8   | 1        | 1.524    | 0.053       | 1.524        | 1.472      | 0.000   |
|      | 8   | 2        | 1.439    | 0.053       | 1.439        | 1.387      | 0.000   |
|      | 8   | 3        | 1.447    | 0.058       | 1.447        | 1.389      | 0.000   |
|      | 9   | 1        | 1.327    | 0.053       | 1.327        | 1.274      | 0.000   |
|      | 9   | 2        | 1.210    | 0.053       | 1.210        | 1.157      | 0.000   |
|      | 9   | 3        | 1.026    | 0.053       | 1.026        | 0.973      | 0.000   |
|      | 10  | 1        | 1.097    | 0.053       | 1.097        | 1.044      | 0.000   |
|      | 10  | 2        | 0.891    | 0.053       | 0.891        | 0.839      | 0.000   |
|      | 10  | 3        | 0.999    | 0.058       | 0.999        | 0.942      | 0.000   |
|      | 11  | 1        | 1.420    | 0.053       | 1.420        | 1.367      | 0.000   |
|      | 11  | 2        | 5.230    | 0.053       | 5.230        | 5.178      | 0.000   |
|      | 11  | 3        | 4.076    | 0.053       | 4.076        | 4.023      | 0.000   |
|      | 12  | 1        | 2.911    | 0.884       | 2.911        | 2.028      | 0.000   |
|      | 12  | 2        | 1.862    | 0.884       | 1.862        | 0.978      | 0.000   |
|      | 12  | 3        | 1.689    | 0.972       | 1.689        | 0.717      | 0.000   |
|      | Tot | al       | 90.881   | 24.720      | 90.881       | 66.193     | 0.033   |

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| 1992 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 7.890                | 0.964       | 8.674        | 6.926      | 0.000   |
| 1    | 2  | 8.484                | 0.964       | 9.268        | 7.520      | 0.000   |
| 1    | 3  | 5.970                | 1.061       | 6.833        | 4.910      | 0.000   |
| 2    | 1  | 7.224                | 1.063       | 8.087        | 6.161      | 0.000   |
| 2    | 2  | 6.847                | 1.063       | 7.710        | 5.784      | 0.000   |
| 2    | 3  | 5.111                | 0.851       | 5.801        | 4.260      | 0.000   |
| 3    | 1  | 4.215                | 0.964       | 4.999        | 3.251      | 0.000   |
| 3    | 2  | 7.247                | 0.964       | 8.031        | 6.282      | 0.000   |
| 3    | 3  | 9.439                | 1.061       | 10.301       | 8.378      | 0.000   |
| 4    | 1  | 7.238                | 1.295       | 8.207        | 5.943      | 0.000   |
| 4    | 2  | 4.596                | 1.295       | 5.565        | 3.301      | 0.000   |
| 4    | 3  | 5.641                | 1.295       | 6.610        | 4.345      | 0.000   |
| 5    | 1  | 7.019                | 1.255       | 7.959        | 5.764      | 0.000   |
| 5    | 2  | 7.307                | 1.255       | 8.246        | 6.052      | 0.000   |
| 5    | 3  | 4.653                | 1.380       | 5.687        | 3.273      | 0.000   |
| 6    | 1  | 3.473                | 1.295       | 4.442        | 2.178      | 0.000   |
| 6    | 2  | 2.852                | 1.295       | 3.821        | 1.557      | 0.000   |
| 6    | 3  | 2.197                | 1.295       | 3.166        | 0.902      | 0.000   |
| 7    | 1  | 2.550                | 1.255       | 3.489        | 1.295      | 0.000   |
| 7    | 2  | 3.017                | 1.255       | 3.957        | 1.762      | 0.000   |
| 7    | 3  | 2.911                | 1.380       | 3.915        | 1.530      | 0.000   |
| 8    | 1  | 3.254                | 1.003       | 3.307        | 2.251      | 0.000   |
| 8    | 2  | 2.862                | 1.003       | 2.914        | 1.859      | 0.000   |
| 8    | 3  | 2.994                | 1.104       | 3.052        | 1.890      | 0.000   |
| 9    | 1  | 2.601                | 0.041       | 2.653        | 2.560      | 0.000   |
| 9    | 2  | 2.396                | 0.041       | 2.449        | 2.355      | 0.000   |
| 9    | 3  | 2.128                | 0.041       | 2.180        | 2.087      | 0.000   |
| 10   | 1  | 2.265                | 0.041       | 2.318        | 2.224      | 0.000   |
| 10   | 2  | 1.936                | 0.041       | 1.989        | 1.895      | 0.000   |
| 10   | 3  | 2.214                | 0.045       | 2.272        | 2.169      | 0.000   |
| 11   | 1  | 2.945                | 0.781       | 2.997        | 2.164      | 0.000   |
| 11   | 2  | 7.412                | 0.781       | 7.465        | 6.631      | 0.000   |
| 11   | 3  | 6.441                | 0.781       | 6.493        | 5.660      | 0.000   |
| 12   | 1  | 3.919                | 0.964       | 4.703        | 2.955      | 0.000   |
| 12   | 2  | 3.098                | 0.964       | 3.882        | 2.133      | 0.000   |
| 12   | 3  | 2.998                | 1.061       | 3.860        | 1.937      | 0.000   |
| Tot  | al | 165.346              | 33.201      | 187.301      | 132.145    | 0.000   |

| 1992 | L. | Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|------------------|-------------|--------------|------------|---------|
| 1    | 1  | 37.138           | 0.914       | 42.287       | 36.225     | 0.000   |
| 1    | 2  | 32.503           | 0.914       | 37.668       | 31.589     | 0.000   |
| 1    | 3  | 33.248           | 1.005       | 39.117       | 32.243     | 0.000   |
| 2    | 1  | 29.368           | 0.980       | 35.219       | 28.388     | 0.000   |
| 2    | 2  | 29.176           | 0.980       | 34.708       | 28.196     | 0.000   |
| 2    | 3  | 23.165           | 0.784       | 27.583       | 22.381     | 0.000   |
| 3    | 1  | 24.739           | 0.914       | 29.816       | 23.825     | 0.000   |
| 3    | 2  | 31.157           | 0.914       | 36.213       | 30.244     | 0.000   |
| 3    | 3  | 37.932           | 1.005       | 43.356       | 36.927     | 0.000   |
| 4    | 1  | 27.873           | 1.168       | 33.347       | 26.705     | 0.000   |
| 4    | 2  | 22.737           | 1.168       | 28.091       | 21.569     | 0.000   |
| 4    | 3  | 24.412           | 1.168       | 29.810       | 23.244     | 0.000   |
| 5    | 1  | 26.284           | 1.139       | 31.488       | 25.145     | 0.000   |
| 5    | 2  | 23.323           | 1.139       | 28.460       | 22.184     | 0.000   |
| 5    | 3  | 16.125           | 1.253       | 21.489       | 14.872     | 0.000   |
| 6    | 1  | 12.613           | 1.168       | 17.552       | 11.446     | 0.000   |
| 6    | 2  | 12.394           | 1.168       | 17.342       | 11.226     | 0.000   |
| 6    | 3  | 9.344            | 1.168       | 14.215       | 8.176      | 0.000   |
| 7    | 1  | 9.597            | 1.139       | 14.309       | 8.457      | 0.000   |
| 7    | 2  | 9.583            | 1.139       | 14.245       | 8.444      | 0.000   |
| 7    | 3  | 10.732           | 1.253       | 15.726       | 9.479      | 0.000   |
| 8    | 1  | 8.194            | 1.128       | 11.195       | 7.065      | 0.000   |
| 8    | 2  | 7.770            | 1.128       | 10.777       | 6.642      | 0.000   |
| 8    | 3  | 9.014            | 1.241       | 12.345       | 7.773      | 0.000   |
| 9    | 1  | 11.730           | 0.298       | 12.047       | 11.432     | 0.000   |
| 9    | 2  | 13.436           | 0.298       | 13.769       | 13.138     | 0.000   |
| 9    | 3  | 14.190           | 0.298       | 14.537       | 13.892     | 0.000   |
| 10   | 1  | 14.752           | 0.298       | 15.093       | 14.453     | 0.000   |
| 10   | 2  | 13.310           | 0.298       | 13.624       | 13.012     | 0.000   |
| 10   | 3  | 18.423           | 0.328       | 18.795       | 18.095     | 0.000   |
| 11   | 1  | 17.353           | 0.925       | 20.477       | 16.429     | 0.000   |
| 11   | 2  | 24.046           | 0.925       | 27.190       | 23.121     | 0.000   |
| 11   | 3  | 22.327           | 0.925       | 25.476       | 21.403     | 0.000   |
| 12   | 1  | 14.156           | 0.914       | 18.348       | 13.242     | 0.000   |
| 12   | 2  | 11.886           | 0.914       | 16.040       | 10.972     | 0.000   |
| 12   | 3  | 12.498           | 1.005       | 17.013       | 11.493     | 0.000   |
| Tot  | al | 696.528          | 33.401      | 838.768      | 663.127    | 0.000   |

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| 1992 | Mu | si Mouth | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 38.925   | 0.491     | 44.987       | 38.531     | 0.000   |
| 1    | 2  |          | 33.695   | 0.491     | 39.773       | 33.301     | 0.000   |
| 1    | 3  |          | 34.122   | 0.540     | 40.996       | 33.689     | 0.000   |
| 2    | 1  |          | 30.846   | 0.543     | 37.677       | 30.411     | 0.000   |
| 2    | 2  |          | 31.618   | 0.543     | 38.130       | 31.182     | 0.000   |
| 2    | 3  |          | 25.115   | 0.434     | 30.317       | 24.767     | 0.000   |
| 3    | 1  |          | 26.835   | 0.491     | 32.825       | 26.441     | 0.000   |
| 3    | 2  |          | 33.925   | 0.491     | 39.895       | 33.531     | 0.000   |
| 3    | 3  |          | 41.711   | 0.540     | 48.140       | 41.278     | 0.000   |
| 4    | 1  |          | 30.428   | 0.705     | 37.070       | 29.863     | 0.000   |
| 4    | 2  |          | 24.290   | 0.705     | 30.812       | 23.725     | 0.000   |
| 4    | 3  |          | 25.492   | 0.705     | 32.058       | 24.927     | 0.000   |
| 5    | 1  |          | 27.222   | 0.683     | 33.565       | 26.675     | 0.000   |
| 5    | 2  |          | 24.703   | 0.683     | 30.979       | 24.156     | 0.000   |
| 5    | 3  |          | 16.976   | 0.751     | 23.593       | 16.373     | 0.000   |
| 6    | 1  |          | 13.221   | 0.705     | 19.327       | 12.655     | 0.000   |
| 6    | 2  |          | 12.898   | 0.705     | 19.013       | 12.332     | 0.000   |
| 6    | 3  |          | 9.672    | 0.705     | 15.711       | 9.106      | 0.000   |
| 7    | 1  |          | 9.736    | 0.683     | 15.587       | 9.188      | 0.000   |
| 7    | 2  |          | 9.792    | 0.683     | 15.593       | 9.245      | 0.000   |
| 7    | 3  |          | 11.086   | 0.751     | 17.334       | 10.484     | 0.000   |
| 8    | 1  |          | 8.652    | 0.671     | 12.781       | 8.114      | 0.000   |
| 8    | 2  |          | 8.015    | 0.671     | 12.151       | 7.477      | 0.000   |
| 8    | 3  |          | 9.037    | 0.738     | 13.609       | 8.445      | 0.000   |
| 9    | 1  |          | 12.961   | 0.007     | 13.576       | 12.954     | 0.000   |
| 9    | 2  |          | 14.359   | 0.007     | 14.990       | 14.352     | 0.000   |
| 9    | 3  |          | 15.073   | 0.007     | 15.719       | 15.067     | 0.000   |
| 10   | 1  |          | 15.908   | 0.007     | 16.548       | 15.901     | 0.000   |
| 10   | 2  |          | 14.456   | 0.007     | 15.068       | 14.449     | 0.000   |
| 10   | 3  |          | 21.167   | 0.007     | 21.867       | 21.159     | 0.000   |
| 11   | 1  |          | 19.364   | 0.497     | 23.413       | 18.965     | 0.000   |
| 11   | 2  |          | 26.214   | 0.497     | 30.283       | 25.815     | 0.000   |
| 11   | 3  |          | 24.327   | 0.497     | 28.401       | 23.928     | 0.000   |
| 12   | 1  |          | 16.058   | 0.491     | 21.163       | 15.664     | 0.000   |
| 12   | 2  |          | 14.110   | 0.491     | 19.177       | 13.716     | 0.000   |
| 12   | 3  |          | 15.631   | 0.540     | 21.151       | 15.198     | 0.000   |
| Tot  | al |          | 747.639  | 18.159    | 923.281      | 733.063    | 0.000   |

| 1993 | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|---------|----------|-----------|--------------|------------|---------|
| 1    | 1       | 1.898    | 0.823     | 1.830        | 1.138      | 0.000   |
| 1    | 2       | 2.732    | 0.934     | 2.665        | 1.862      | 0.000   |
| 1    | 3       | 3.035    | 1.060     | 2.961        | 2.045      | 0.000   |
| 2    | 1       | 2.710    | 1.076     | 2.635        | 1.704      | 0.000   |
| 2    | 2       | 2.107    | 1.046     | 2.032        | 1.131      | 0.000   |
| 2    | 3       | 2.120    | 0.829     | 2.060        | 1.347      | 0.000   |
| 3    | 1       | 4.051    | 1.149     | 3.984        | 2.966      | 0.000   |
| 3    | 2       | 1.753    | 0.887     | 1.686        | 0.930      | 0.000   |
| 3    | 3       | 2.075    | 1.000     | 2.001        | 1.145      | 0.000   |
| 4    | 1       | 1.656    | 1.009     | 1.572        | 0.732      | 0.005   |
| 4    | 2       | 1.804    | 1.045     | 1.719        | 0.838      | 0.000   |
| 4    | 3       | 4.925    | 1.489     | 4.840        | 3.515      | 0.000   |
| 5    | 1       | 2.730    | 1.224     | 2.648        | 1.582      | 0.000   |
| 5    | 2       | 3.193    | 1.133     | 3.111        | 2.138      | 0.000   |
| 5    | 3       | 2.590    | 1.234     | 2.500        | 1.441      | 0.000   |
| 6    | 1       | 1.222    | 0.992     | 1.149        | 0.563      | 0.302   |
| 6    | 2       | 1.405    | 1.011     | 1.320        | 0.584      | 0.139   |
| 6    | 3       | 1.345    | 1.006     | 1.264        | 0.576      | 0.192   |
| 7    | 1       | 1.208    | 0.952     | 1.143        | 0.571      | 0.276   |
| 7    | 2       | 1.060    | 0.961     | 0.989        | 0.534      | 0.433   |
| 7    | 3       | 1.520    | 1.091     | 1.429        | 0.639      | 0.156   |
| 8    | 1       | 1.248    | 0.913     | 1.182        | 0.569      | 0.197   |
| 8    | 2       | 0.909    | 0.865     | 0.848        | 0.481      | 0.437   |
| 8    | 3       | 1.117    | 0.967     | 1.045        | 0.585      | 0.435   |
| 9    | 1       | 0.854    | 0.154     | 0.854        | 0.700      | 0.000   |
| 9    | 2       | 0.719    | 0.133     | 0.719        | 0.586      | 0.000   |
| 9    | 3       | 0.697    | 0.129     | 0.697        | 0.568      | 0.000   |
| 10   | 1       | 0.738    | 0.134     | 0.738        | 0.604      | 0.000   |
| 10   | 2       | 0.843    | 0.136     | 0.843        | 0.707      | 0.000   |
| 10   | 3       | 0.917    | 0.159     | 0.917        | 0.758      | 0.000   |
| 11   | 1       | 1.010    | 0.770     | 0.954        | 0.539      | 0.292   |
| 11   | 2       | 1.099    | 0.775     | 1.043        | 0.556      | 0.208   |
| 11   | 3       | 1.568    | 0.778     | 1.512        | 0.856      | 0.000   |
| 12   | 1       | 2.300    | 0.947     | 2.233        | 1.417      | 0.000   |
| 12   | 2       | 2.146    | 0.940     | 2.079        | 1.270      | 0.000   |
| 12   | 3       | 1.713    | 0.918     | 1.638        | 0.865      | 0.000   |
| Tot  | al      | 65.017   | 30.669    | 62.836       | 39.041     | 3.073   |

| 1993 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 0.058    | 0.295     | 0.058        | 0.028      | 0.266   |
| 1    | 2  |         | 0.412    | 0.295     | 0.412        | 0.117      | 0.000   |
| 1    | 3  |         | 0.576    | 0.325     | 0.576        | 0.251      | 0.000   |
| 2    | 1  |         | 0.603    | 0.325     | 0.603        | 0.278      | 0.000   |
| 2    | 2  |         | 0.953    | 0.325     | 0.953        | 0.628      | 0.000   |
| 2    | 3  |         | 0.836    | 0.260     | 0.836        | 0.576      | 0.000   |
| 3    | 1  |         | 1.050    | 0.295     | 1.050        | 0.754      | 0.000   |
| 3    | 2  |         | 0.814    | 0.295     | 0.814        | 0.519      | 0.000   |
| 3    | 3  |         | 0.621    | 0.325     | 0.621        | 0.296      | 0.000   |
| 4    | 1  |         | 0.474    | 0.365     | 0.474        | 0.108      | 0.000   |
| 4    | 2  |         | 0.460    | 0.365     | 0.460        | 0.094      | 0.000   |
| 4    | 3  |         | 0.929    | 0.365     | 0.929        | 0.564      | 0.000   |
| 5    | 1  |         | 1.395    | 0.354     | 1.395        | 1.040      | 0.000   |
| 5    | 2  |         | 1.149    | 0.354     | 1.149        | 0.795      | 0.000   |
| 5    | 3  |         | 0.877    | 0.390     | 0.877        | 0.487      | 0.000   |
| 6    | 1  |         | 0.701    | 0.365     | 0.701        | 0.335      | 0.000   |
| 6    | 2  |         | 0.572    | 0.365     | 0.572        | 0.207      | 0.000   |
| 6    | 3  |         | 0.503    | 0.365     | 0.503        | 0.137      | 0.000   |
| 7    | 1  |         | 0.425    | 0.354     | 0.425        | 0.070      | 0.000   |
| 7    | 2  |         | 0.412    | 0.354     | 0.412        | 0.057      | 0.000   |
| 7    | 3  |         | 0.479    | 0.390     | 0.479        | 0.089      | 0.000   |
| 8    | 1  |         | 0.489    | 0.192     | 0.489        | 0.297      | 0.000   |
| 8    | 2  |         | 0.394    | 0.192     | 0.394        | 0.203      | 0.000   |
| 8    | 3  |         | 0.373    | 0.211     | 0.373        | 0.162      | 0.000   |
| 9    | 1  |         | 0.308    | 0.019     | 0.308        | 0.289      | 0.000   |
| 9    | 2  |         | 0.262    | 0.019     | 0.262        | 0.243      | 0.000   |
| 9    | 3  |         | 0.230    | 0.019     | 0.230        | 0.211      | 0.000   |
| 10   | 1  |         | 0.208    | 0.019     | 0.208        | 0.189      | 0.000   |
| 10   | 2  |         | 0.188    | 0.019     | 0.188        | 0.169      | 0.000   |
| 10   | 3  |         | 0.214    | 0.021     | 0.214        | 0.194      | 0.000   |
| 11   | 1  |         | 0.250    | 0.166     | 0.250        | 0.084      | 0.000   |
| 11   | 2  |         | 0.300    | 0.166     | 0.300        | 0.134      | 0.000   |
| 11   | 3  |         | 0.349    | 0.166     | 0.349        | 0.183      | 0.000   |
| 12   | 1  |         | 0.683    | 0.295     | 0.683        | 0.387      | 0.000   |
| 12   | 2  |         | 0.717    | 0.295     | 0.717        | 0.421      | 0.000   |
| 12   | 3  |         | 0.553    | 0.325     | 0.553        | 0.228      | 0.000   |
| Tot  | al |         | 19.815   | 9.252     | 19.815       | 10.828     | 0.266   |

| 1993 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.056    | 0.211     | 0.056        | 0.039      | 0.195   |
| 1    | 2  |          | 0.486    | 0.211     | 0.486        | 0.274      | 0.000   |
| 1    | 3  |          | 0.610    | 0.233     | 0.610        | 0.377      | 0.000   |
| 2    | 1  |          | 0.577    | 0.234     | 0.577        | 0.344      | 0.000   |
| 2    | 2  |          | 0.802    | 0.234     | 0.802        | 0.568      | 0.000   |
| 2    | 3  |          | 0.728    | 0.187     | 0.728        | 0.541      | 0.000   |
| 3    | 1  |          | 0.845    | 0.211     | 0.845        | 0.634      | 0.000   |
| 3    | 2  |          | 0.759    | 0.211     | 0.759        | 0.548      | 0.000   |
| 3    | 3  |          | 0.715    | 0.233     | 0.715        | 0.483      | 0.000   |
| 4    | 1  |          | 0.556    | 0.265     | 0.556        | 0.291      | 0.000   |
| 4    | 2  |          | 0.507    | 0.265     | 0.507        | 0.242      | 0.000   |
| 4    | 3  |          | 0.798    | 0.265     | 0.798        | 0.532      | 0.000   |
| 5    | 1  |          | 1.209    | 0.257     | 1.209        | 0.952      | 0.000   |
| 5    | 2  |          | 1.052    | 0.257     | 1.052        | 0.795      | 0.000   |
| 5    | 3  |          | 0.824    | 0.282     | 0.824        | 0.542      | 0.000   |
| 6    | 1  |          | 0.673    | 0.265     | 0.673        | 0.408      | 0.000   |
| 6    | 2  |          | 0.591    | 0.265     | 0.591        | 0.326      | 0.000   |
| 6    | 3  |          | 0.524    | 0.265     | 0.524        | 0.259      | 0.000   |
| 7    | 1  |          | 0.456    | 0.257     | 0.456        | 0.199      | 0.000   |
| 7    | 2  |          | 0.431    | 0.257     | 0.431        | 0.174      | 0.000   |
| 7    | 3  |          | 0.496    | 0.282     | 0.496        | 0.214      | 0.000   |
| 8    | 1  |          | 0.500    | 0.229     | 0.500        | 0.271      | 0.000   |
| 8    | 2  |          | 0.420    | 0.229     | 0.420        | 0.191      | 0.000   |
| 8    | 3  |          | 0.407    | 0.252     | 0.407        | 0.155      | 0.000   |
| 9    | 1  |          | 0.342    | 0.006     | 0.342        | 0.337      | 0.000   |
| 9    | 2  |          | 0.290    | 0.006     | 0.290        | 0.284      | 0.000   |
| 9    | 3  |          | 0.253    | 0.006     | 0.253        | 0.247      | 0.000   |
| 10   | 1  |          | 0.228    | 0.006     | 0.228        | 0.223      | 0.000   |
| 10   | 2  |          | 0.206    | 0.006     | 0.206        | 0.200      | 0.000   |
| 10   | 3  |          | 0.234    | 0.006     | 0.234        | 0.228      | 0.000   |
| 11   | 1  |          | 0.282    | 0.195     | 0.282        | 0.087      | 0.000   |
| 11   | 2  |          | 0.340    | 0.195     | 0.340        | 0.146      | 0.000   |
| 11   | 3  |          | 0.384    | 0.195     | 0.384        | 0.190      | 0.000   |
| 12   | 1  |          | 0.688    | 0.211     | 0.688        | 0.476      | 0.000   |
| 12   | 2  |          | 0.682    | 0.211     | 0.682        | 0.471      | 0.000   |
| 12   | 3  |          | 0.591    | 0.233     | 0.591        | 0.359      | 0.000   |
| Tot  | al |          | 19.543   | 7.132     | 19.543       | 12.606     | 0.195   |



| 1993 | U. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.092               | 0.315       | 0.092        | 0.046      | 0.269   |
| 1    | 2  | 0.673               | 0.315       | 0.673        | 0.358      | 0.000   |
| 1    | 3  | 0.773               | 0.347       | 0.773        | 0.427      | 0.000   |
| 2    | 1  | 0.871               | 0.348       | 0.871        | 0.523      | 0.000   |
| 2    | 2  | 1.383               | 0.348       | 1.383        | 1.035      | 0.000   |
| 2    | 3  | 0.941               | 0.278       | 0.941        | 0.662      | 0.000   |
| 3    | 1  | 1.319               | 0.315       | 1.319        | 1.004      | 0.000   |
| 3    | 2  | 0.924               | 0.315       | 0.924        | 0.609      | 0.000   |
| 3    | 3  | 0.930               | 0.347       | 0.930        | 0.584      | 0.000   |
| 4    | 1  | 0.617               | 0.393       | 0.617        | 0.224      | 0.000   |
| 4    | 2  | 0.584               | 0.393       | 0.584        | 0.191      | 0.000   |
| 4    | 3  | 1.385               | 0.393       | 1.385        | 0.992      | 0.000   |
| 5    | 1  | 1.661               | 0.380       | 1.661        | 1.281      | 0.000   |
| 5    | 2  | 1.062               | 0.380       | 1.062        | 0.681      | 0.000   |
| 5    | 3  | 0.838               | 0.418       | 0.838        | 0.420      | 0.000   |
| 6    | 1  | 0.722               | 0.393       | 0.722        | 0.329      | 0.000   |
| 6    | 2  | 0.644               | 0.393       | 0.644        | 0.251      | 0.000   |
| 6    | 3  | 0.556               | 0.393       | 0.556        | 0.163      | 0.000   |
| 7    | 1  | 0.479               | 0.380       | 0.479        | 0.099      | 0.000   |
| 7    | 2  | 0.501               | 0.380       | 0.501        | 0.121      | 0.000   |
| 7    | 3  | 0.592               | 0.418       | 0.592        | 0.174      | 0.000   |
| 8    | 1  | 0.587               | 0.157       | 0.587        | 0.429      | 0.000   |
| 8    | 2  | 0.458               | 0.157       | 0.458        | 0.301      | 0.000   |
| 8    | 3  | 0.468               | 0.173       | 0.468        | 0.295      | 0.000   |
| 9    | 1  | 0.419               | 0.008       | 0.419        | 0.410      | 0.000   |
| 9    | 2  | 0.319               | 0.008       | 0.319        | 0.311      | 0.000   |
| 9    | 3  | 0.280               | 0.008       | 0.280        | 0.271      | 0.000   |
| 10   | 1  | 0.273               | 0.008       | 0.273        | 0.264      | 0.000   |
| 10   | 2  | 0.243               | 0.008       | 0.243        | 0.234      | 0.000   |
| 10   | 3  | 0.344               | 0.009       | 0.344        | 0.335      | 0.000   |
| 11   | 1  | 0.431               | 0.135       | 0.431        | 0.296      | 0.000   |
| 11   | 2  | 0.533               | 0.135       | 0.533        | 0.398      | 0.000   |
| 11   | 3  | 0.547               | 0.135       | 0.547        | 0.411      | 0.000   |
| 12   | 1  | 1.194               | 0.315       | 1.194        | 0.879      | 0.000   |
| 12   | 2  | 0.856               | 0.315       | 0.856        | 0.541      | 0.000   |
| 12   | 3  | 0.635               | 0.347       | 0.635        | 0.288      | 0.000   |
| Tot  | al | 25.132              | 9.563       | 25.132       | 15.839     | 0.269   |

  

| 1993 | L. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.069               | 0.038       | 0.107        | 0.057      | 0.026   |
| 1    | 2  | 0.541               | 0.038       | 0.795        | 0.503      | 0.000   |
| 1    | 3  | 0.648               | 0.041       | 0.927        | 0.606      | 0.000   |
| 2    | 1  | 0.739               | 0.041       | 1.019        | 0.698      | 0.000   |
| 2    | 2  | 1.316               | 0.041       | 1.596        | 1.275      | 0.000   |
| 2    | 3  | 0.899               | 0.033       | 1.123        | 0.866      | 0.000   |
| 3    | 1  | 1.274               | 0.038       | 1.528        | 1.236      | 0.000   |
| 3    | 2  | 0.857               | 0.038       | 1.111        | 0.820      | 0.000   |
| 3    | 3  | 0.828               | 0.041       | 1.107        | 0.787      | 0.000   |
| 4    | 1  | 0.437               | 0.046       | 0.753        | 0.392      | 0.000   |
| 4    | 2  | 0.388               | 0.046       | 0.704        | 0.343      | 0.000   |
| 4    | 3  | 1.271               | 0.046       | 1.587        | 1.226      | 0.000   |
| 5    | 1  | 1.653               | 0.044       | 1.959        | 1.609      | 0.000   |
| 5    | 2  | 1.007               | 0.044       | 1.313        | 0.963      | 0.000   |
| 5    | 3  | 0.695               | 0.049       | 1.031        | 0.646      | 0.000   |
| 6    | 1  | 0.562               | 0.046       | 0.878        | 0.517      | 0.000   |
| 6    | 2  | 0.466               | 0.046       | 0.782        | 0.420      | 0.000   |
| 6    | 3  | 0.362               | 0.046       | 0.678        | 0.317      | 0.000   |
| 7    | 1  | 0.280               | 0.044       | 0.586        | 0.235      | 0.000   |
| 7    | 2  | 0.298               | 0.044       | 0.604        | 0.253      | 0.000   |
| 7    | 3  | 0.375               | 0.049       | 0.712        | 0.327      | 0.000   |
| 8    | 1  | 0.580               | 0.037       | 0.708        | 0.544      | 0.000   |
| 8    | 2  | 0.432               | 0.037       | 0.560        | 0.396      | 0.000   |
| 8    | 3  | 0.426               | 0.040       | 0.567        | 0.386      | 0.000   |
| 9    | 1  | 0.495               | 0.006       | 0.503        | 0.489      | 0.000   |
| 9    | 2  | 0.382               | 0.006       | 0.390        | 0.376      | 0.000   |
| 9    | 3  | 0.333               | 0.006       | 0.342        | 0.327      | 0.000   |
| 10   | 1  | 0.320               | 0.006       | 0.329        | 0.314      | 0.000   |
| 10   | 2  | 0.285               | 0.006       | 0.294        | 0.280      | 0.000   |
| 10   | 3  | 0.397               | 0.006       | 0.406        | 0.390      | 0.000   |
| 11   | 1  | 0.395               | 0.032       | 0.505        | 0.363      | 0.000   |
| 11   | 2  | 0.514               | 0.032       | 0.624        | 0.482      | 0.000   |
| 11   | 3  | 0.542               | 0.032       | 0.651        | 0.510      | 0.000   |
| 12   | 1  | 1.125               | 0.038       | 1.378        | 1.087      | 0.000   |
| 12   | 2  | 0.775               | 0.038       | 1.029        | 0.737      | 0.000   |
| 12   | 3  | 0.499               | 0.041       | 0.778        | 0.458      | 0.000   |
| Tot  | al | 22.466              | 1.256       | 29.961       | 21.236     | 0.026   |

| 1993 |    | M. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.720    | 0.072    | 2.489     | 1.648        | 0.000      |         |
| 1    | 2  | 3.617    | 0.072    | 5.102     | 3.545        | 0.000      |         |
| 1    | 3  | 4.501    | 0.079    | 6.166     | 4.422        | 0.000      |         |
| 2    | 1  | 3.920    | 0.079    | 5.601     | 3.841        | 0.000      |         |
| 2    | 2  | 4.534    | 0.079    | 6.186     | 4.455        | 0.000      |         |
| 2    | 3  | 4.140    | 0.063    | 5.453     | 4.076        | 0.000      |         |
| 3    | 1  | 6.550    | 0.072    | 8.250     | 6.478        | 0.000      |         |
| 3    | 2  | 3.718    | 0.072    | 5.156     | 3.646        | 0.000      |         |
| 3    | 3  | 3.445    | 0.079    | 5.050     | 3.365        | 0.000      |         |
| 4    | 1  | 2.188    | 0.089    | 3.874     | 2.099        | 0.000      |         |
| 4    | 2  | 2.222    | 0.089    | 3.948     | 2.132        | 0.000      |         |
| 4    | 3  | 6.522    | 0.089    | 8.692     | 6.432        | 0.000      |         |
| 5    | 1  | 5.761    | 0.086    | 7.646     | 5.674        | 0.000      |         |
| 5    | 2  | 5.163    | 0.086    | 6.957     | 5.077        | 0.000      |         |
| 5    | 3  | 3.569    | 0.095    | 5.530     | 3.474        | 0.000      |         |
| 6    | 1  | 2.267    | 0.089    | 3.699     | 2.178        | 0.000      |         |
| 6    | 2  | 1.974    | 0.089    | 3.556     | 1.885        | 0.000      |         |
| 6    | 3  | 1.695    | 0.089    | 3.228     | 1.605        | 0.000      |         |
| 7    | 1  | 1.481    | 0.086    | 2.873     | 1.395        | 0.000      |         |
| 7    | 2  | 1.372    | 0.086    | 2.648     | 1.286        | 0.000      |         |
| 7    | 3  | 1.643    | 0.095    | 3.335     | 1.547        | 0.000      |         |
| 8    | 1  | 1.971    | 0.070    | 3.069     | 1.900        | 0.000      |         |
| 8    | 2  | 1.528    | 0.070    | 2.382     | 1.461        | 0.004      |         |
| 8    | 3  | 1.556    | 0.077    | 2.550     | 1.479        | 0.000      |         |
| 9    | 1  | 1.949    | 0.004    | 2.141     | 1.945        | 0.000      |         |
| 9    | 2  | 1.621    | 0.004    | 1.792     | 1.617        | 0.000      |         |
| 9    | 3  | 1.489    | 0.004    | 1.656     | 1.485        | 0.000      |         |
| 10   | 1  | 1.443    | 0.004    | 1.616     | 1.439        | 0.000      |         |
| 10   | 2  | 1.487    | 0.004    | 1.662     | 1.483        | 0.000      |         |
| 10   | 3  | 1.749    | 0.005    | 1.951     | 1.744        | 0.000      |         |
| 11   | 1  | 1.451    | 0.060    | 2.284     | 1.390        | 0.000      |         |
| 11   | 2  | 1.871    | 0.060    | 2.776     | 1.811        | 0.000      |         |
| 11   | 3  | 2.755    | 0.060    | 3.830     | 2.695        | 0.000      |         |
| 12   | 1  | 4.513    | 0.072    | 6.010     | 4.441        | 0.000      |         |
| 12   | 2  | 3.668    | 0.072    | 5.159     | 3.596        | 0.000      |         |
| 12   | 3  | 2.576    | 0.079    | 4.099     | 2.497        | 0.000      |         |
| Tot  | al | 103.628  | 2.386    | 148.416   | 101.245      | 0.004      |         |
|      |    |          |          |           |              |            |         |
| 1993 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 0.642    | 0.242    | 0.642     | 0.400        | 0.000      |         |
| 1    | 2  | 0.752    | 0.242    | 0.752     | 0.509        | 0.000      |         |
| 1    | 3  | 0.767    | 0.267    | 0.767     | 0.500        | 0.000      |         |
| 2    | 1  | 0.758    | 0.268    | 0.758     | 0.491        | 0.000      |         |
| 2    | 2  | 0.998    | 0.268    | 0.998     | 0.730        | 0.000      |         |
| 2    | 3  | 0.644    | 0.214    | 0.644     | 0.430        | 0.000      |         |
| 3    | 1  | 0.771    | 0.242    | 0.771     | 0.528        | 0.000      |         |
| 3    | 2  | 0.847    | 0.242    | 0.847     | 0.605        | 0.000      |         |
| 3    | 3  | 0.817    | 0.267    | 0.817     | 0.551        | 0.000      |         |
| 4    | 1  | 1.454    | 0.302    | 1.454     | 1.152        | 0.000      |         |
| 4    | 2  | 1.040    | 0.302    | 1.040     | 0.737        | 0.000      |         |
| 4    | 3  | 0.801    | 0.302    | 0.801     | 0.498        | 0.000      |         |
| 5    | 1  | 0.860    | 0.293    | 0.860     | 0.567        | 0.000      |         |
| 5    | 2  | 0.795    | 0.293    | 0.795     | 0.503        | 0.000      |         |
| 5    | 3  | 0.936    | 0.322    | 0.936     | 0.614        | 0.000      |         |
| 6    | 1  | 0.787    | 0.302    | 0.787     | 0.485        | 0.000      |         |
| 6    | 2  | 0.660    | 0.302    | 0.660     | 0.358        | 0.000      |         |
| 6    | 3  | 0.775    | 0.302    | 0.775     | 0.472        | 0.000      |         |
| 7    | 1  | 0.641    | 0.293    | 0.641     | 0.348        | 0.000      |         |
| 7    | 2  | 0.506    | 0.293    | 0.506     | 0.213        | 0.000      |         |
| 7    | 3  | 0.570    | 0.322    | 0.570     | 0.248        | 0.000      |         |
| 8    | 1  | 0.449    | 0.236    | 0.449     | 0.213        | 0.000      |         |
| 8    | 2  | 0.370    | 0.236    | 0.370     | 0.134        | 0.000      |         |
| 8    | 3  | 0.403    | 0.259    | 0.403     | 0.144        | 0.000      |         |
| 9    | 1  | 0.312    | 0.005    | 0.312     | 0.308        | 0.000      |         |
| 9    | 2  | 0.366    | 0.005    | 0.366     | 0.361        | 0.000      |         |
| 9    | 3  | 0.512    | 0.005    | 0.512     | 0.507        | 0.000      |         |
| 10   | 1  | 0.733    | 0.005    | 0.733     | 0.729        | 0.000      |         |
| 10   | 2  | 1.648    | 0.005    | 1.648     | 1.643        | 0.000      |         |
| 10   | 3  | 4.810    | 0.005    | 4.810     | 4.805        | 0.000      |         |
| 11   | 1  | 4.665    | 0.201    | 4.665     | 4.464        | 0.000      |         |
| 11   | 2  | 2.646    | 0.201    | 2.646     | 2.444        | 0.000      |         |
| 11   | 3  | 3.101    | 0.201    | 3.101     | 2.899        | 0.000      |         |
| 12   | 1  | 2.633    | 0.242    | 2.633     | 2.391        | 0.000      |         |
| 12   | 2  | 1.484    | 0.242    | 1.484     | 1.242        | 0.000      |         |
| 12   | 3  | 1.408    | 0.267    | 1.408     | 1.141        | 0.000      |         |
| Tot  | al | 42.360   | 7.995    | 42.360    | 34.365       | 0.000      |         |

| 1993 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.961    | 0.174    | 1.156     | 0.787        | 0.000      |         |
| 1    | 2  | 1.194    | 0.174    | 1.388     | 1.020        | 0.000      |         |
| 1    | 3  | 1.276    | 0.191    | 1.490     | 1.085        | 0.000      |         |
| 2    | 1  | 1.113    | 0.192    | 1.328     | 0.921        | 0.000      |         |
| 2    | 2  | 1.343    | 0.192    | 1.558     | 1.151        | 0.000      |         |
| 2    | 3  | 0.858    | 0.154    | 1.030     | 0.704        | 0.000      |         |
| 3    | 1  | 1.127    | 0.174    | 1.322     | 0.953        | 0.000      |         |
| 3    | 2  | 1.340    | 0.174    | 1.535     | 1.166        | 0.000      |         |
| 3    | 3  | 1.522    | 0.191    | 1.736     | 1.331        | 0.000      |         |
| 4    | 1  | 2.575    | 0.219    | 2.818     | 2.355        | 0.000      |         |
| 4    | 2  | 2.338    | 0.219    | 2.581     | 2.119        | 0.000      |         |
| 4    | 3  | 2.295    | 0.219    | 2.538     | 2.076        | 0.000      |         |
| 5    | 1  | 2.045    | 0.212    | 2.281     | 1.833        | 0.000      |         |
| 5    | 2  | 1.476    | 0.212    | 1.711     | 1.264        | 0.000      |         |
| 5    | 3  | 1.465    | 0.234    | 1.724     | 1.231        | 0.000      |         |
| 6    | 1  | 1.148    | 0.219    | 1.391     | 0.929        | 0.000      |         |
| 6    | 2  | 0.931    | 0.219    | 1.174     | 0.712        | 0.000      |         |
| 6    | 3  | 0.993    | 0.219    | 1.235     | 0.773        | 0.000      |         |
| 7    | 1  | 0.803    | 0.212    | 1.038     | 0.591        | 0.000      |         |
| 7    | 2  | 0.619    | 0.212    | 0.854     | 0.407        | 0.000      |         |
| 7    | 3  | 0.649    | 0.234    | 0.908     | 0.416        | 0.000      |         |
| 8    | 1  | 0.530    | 0.174    | 0.719     | 0.355        | 0.000      |         |
| 8    | 2  | 0.419    | 0.174    | 0.608     | 0.260        | 0.016      |         |
| 8    | 3  | 0.428    | 0.192    | 0.636     | 0.286        | 0.050      |         |
| 9    | 1  | 0.505    | 0.005    | 0.509     | 0.500        | 0.000      |         |
| 9    | 2  | 0.529    | 0.005    | 0.534     | 0.524        | 0.000      |         |
| 9    | 3  | 0.655    | 0.005    | 0.659     | 0.650        | 0.000      |         |
| 10   | 1  | 1.031    | 0.005    | 1.036     | 1.026        | 0.000      |         |
| 10   | 2  | 2.072    | 0.005    | 2.076     | 2.067        | 0.000      |         |
| 10   | 3  | 5.551    | 0.006    | 5.556     | 5.545        | 0.000      |         |
| 11   | 1  | 5.357    | 0.147    | 5.519     | 5.209        | 0.000      |         |
| 11   | 2  | 3.291    | 0.147    | 3.453     | 3.144        | 0.000      |         |
| 11   | 3  | 3.470    | 0.147    | 3.632     | 3.323        | 0.000      |         |
| 12   | 1  | 2.888    | 0.174    | 3.083     | 2.714        | 0.000      |         |
| 12   | 2  | 1.649    | 0.174    | 1.844     | 1.475        | 0.000      |         |
| 12   | 3  | 1.528    | 0.191    | 1.743     | 1.337        | 0.000      |         |
| Tot  | al | 57.974   | 5.803    | 64.404    | 52.237       | 0.066      |         |

  

| 1993 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.681    | 0.328    | 0.681     | 0.353        | 0.000      |         |
| 1    | 2  | 0.783    | 0.328    | 0.783     | 0.456        | 0.000      |         |
| 1    | 3  | 0.864    | 0.361    | 0.864     | 0.503        | 0.000      |         |
| 2    | 1  | 0.802    | 0.363    | 0.802     | 0.439        | 0.000      |         |
| 2    | 2  | 1.062    | 0.363    | 1.062     | 0.699        | 0.000      |         |
| 2    | 3  | 0.741    | 0.290    | 0.741     | 0.451        | 0.000      |         |
| 3    | 1  | 0.860    | 0.328    | 0.860     | 0.532        | 0.000      |         |
| 3    | 2  | 0.891    | 0.328    | 0.891     | 0.563        | 0.000      |         |
| 3    | 3  | 0.896    | 0.361    | 0.896     | 0.535        | 0.000      |         |
| 4    | 1  | 1.332    | 0.470    | 1.332     | 0.862        | 0.000      |         |
| 4    | 2  | 1.268    | 0.470    | 1.268     | 0.797        | 0.000      |         |
| 4    | 3  | 0.951    | 0.470    | 0.951     | 0.481        | 0.000      |         |
| 5    | 1  | 0.924    | 0.455    | 0.924     | 0.469        | 0.000      |         |
| 5    | 2  | 0.894    | 0.455    | 0.894     | 0.439        | 0.000      |         |
| 5    | 3  | 0.998    | 0.501    | 0.998     | 0.497        | 0.000      |         |
| 6    | 1  | 0.894    | 0.470    | 0.894     | 0.423        | 0.000      |         |
| 6    | 2  | 0.769    | 0.470    | 0.769     | 0.298        | 0.000      |         |
| 6    | 3  | 0.828    | 0.470    | 0.828     | 0.358        | 0.000      |         |
| 7    | 1  | 0.749    | 0.455    | 0.749     | 0.294        | 0.000      |         |
| 7    | 2  | 0.624    | 0.455    | 0.624     | 0.168        | 0.000      |         |
| 7    | 3  | 0.640    | 0.501    | 0.640     | 0.140        | 0.000      |         |
| 8    | 1  | 0.540    | 0.451    | 0.540     | 0.089        | 0.000      |         |
| 8    | 2  | 0.457    | 0.451    | 0.457     | 0.054        | 0.048      |         |
| 8    | 3  | 0.459    | 0.496    | 0.459     | 0.059        | 0.096      |         |
| 9    | 1  | 0.378    | 0.002    | 0.378     | 0.376        | 0.000      |         |
| 9    | 2  | 0.403    | 0.002    | 0.403     | 0.401        | 0.000      |         |
| 9    | 3  | 0.545    | 0.002    | 0.545     | 0.544        | 0.000      |         |
| 10   | 1  | 0.768    | 0.002    | 0.768     | 0.766        | 0.000      |         |
| 10   | 2  | 1.329    | 0.002    | 1.329     | 1.327        | 0.000      |         |
| 10   | 3  | 4.050    | 0.002    | 4.050     | 4.049        | 0.000      |         |
| 11   | 1  | 5.170    | 0.335    | 5.170     | 4.835        | 0.000      |         |
| 11   | 2  | 3.450    | 0.335    | 3.450     | 3.115        | 0.000      |         |
| 11   | 3  | 3.195    | 0.335    | 3.195     | 2.860        | 0.000      |         |
| 12   | 1  | 3.180    | 0.328    | 3.180     | 2.852        | 0.000      |         |
| 12   | 2  | 1.933    | 0.328    | 1.933     | 1.605        | 0.000      |         |
| 12   | 3  | 1.621    | 0.361    | 1.621     | 1.260        | 0.000      |         |
| Tot  | al | 45.928   | 12.125   | 45.928    | 33.948       | 0.144      |         |

| 1993 | U. | Lematang<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-----------|--------------|------------|---------|
| 1    | 1  | 2.816                | 0.475     | 2.816        | 2.341      | 0.000   |
| 1    | 2  | 3.970                | 0.475     | 3.970        | 3.495      | 0.000   |
| 1    | 3  | 4.094                | 0.522     | 4.094        | 3.572      | 0.000   |
| 2    | 1  | 3.160                | 0.523     | 3.160        | 2.637      | 0.000   |
| 2    | 2  | 3.205                | 0.523     | 3.205        | 2.683      | 0.000   |
| 2    | 3  | 4.141                | 0.418     | 4.141        | 3.723      | 0.000   |
| 3    | 1  | 3.344                | 0.475     | 3.344        | 2.870      | 0.000   |
| 3    | 2  | 2.173                | 0.475     | 2.173        | 1.698      | 0.000   |
| 3    | 3  | 2.247                | 0.522     | 2.247        | 1.725      | 0.000   |
| 4    | 1  | 2.621                | 0.521     | 2.621        | 2.100      | 0.000   |
| 4    | 2  | 2.559                | 0.521     | 2.559        | 2.039      | 0.000   |
| 4    | 3  | 1.998                | 0.521     | 1.998        | 1.477      | 0.000   |
| 5    | 1  | 1.679                | 0.505     | 1.679        | 1.174      | 0.000   |
| 5    | 2  | 1.217                | 0.505     | 1.217        | 0.712      | 0.000   |
| 5    | 3  | 1.265                | 0.555     | 1.265        | 0.710      | 0.000   |
| 6    | 1  | 1.984                | 0.521     | 1.984        | 1.463      | 0.000   |
| 6    | 2  | 1.593                | 0.521     | 1.593        | 1.072      | 0.000   |
| 6    | 3  | 1.390                | 0.521     | 1.390        | 0.869      | 0.000   |
| 7    | 1  | 1.363                | 0.505     | 1.363        | 0.858      | 0.000   |
| 7    | 2  | 0.852                | 0.505     | 0.852        | 0.347      | 0.000   |
| 7    | 3  | 1.153                | 0.555     | 1.153        | 0.597      | 0.000   |
| 8    | 1  | 0.899                | 0.505     | 0.899        | 0.394      | 0.000   |
| 8    | 2  | 0.744                | 0.505     | 0.744        | 0.240      | 0.001   |
| 8    | 3  | 0.924                | 0.555     | 0.924        | 0.369      | 0.000   |
| 9    | 1  | 0.774                | 0.028     | 0.774        | 0.746      | 0.000   |
| 9    | 2  | 0.941                | 0.028     | 0.941        | 0.913      | 0.000   |
| 9    | 3  | 0.826                | 0.028     | 0.826        | 0.798      | 0.000   |
| 10   | 1  | 0.780                | 0.028     | 0.780        | 0.752      | 0.000   |
| 10   | 2  | 1.010                | 0.028     | 1.010        | 0.982      | 0.000   |
| 10   | 3  | 1.157                | 0.031     | 1.157        | 1.126      | 0.000   |
| 11   | 1  | 2.372                | 0.490     | 2.372        | 1.882      | 0.000   |
| 11   | 2  | 3.422                | 0.490     | 3.422        | 2.933      | 0.000   |
| 11   | 3  | 6.227                | 0.490     | 6.227        | 5.738      | 0.000   |
| 12   | 1  | 1.951                | 0.475     | 1.951        | 1.476      | 0.000   |
| 12   | 2  | 1.955                | 0.475     | 1.955        | 1.481      | 0.000   |
| 12   | 3  | 2.670                | 0.522     | 2.670        | 2.148      | 0.000   |
| Tot  | al | 75.477               | 15.340    | 75.477       | 60.138     | 0.001   |

  

| 1993 | L. | Lematang<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-----------|--------------|------------|---------|
| 1    | 1  | 4.767                | 0.420     | 5.152        | 4.347      | 0.000   |
| 1    | 2  | 6.561                | 0.420     | 6.946        | 6.141      | 0.000   |
| 1    | 3  | 6.563                | 0.462     | 6.987        | 6.101      | 0.000   |
| 2    | 1  | 5.116                | 0.464     | 5.540        | 4.652      | 0.000   |
| 2    | 2  | 5.332                | 0.464     | 5.756        | 4.868      | 0.000   |
| 2    | 3  | 5.195                | 0.371     | 5.534        | 4.824      | 0.000   |
| 3    | 1  | 4.267                | 0.420     | 4.652        | 3.847      | 0.000   |
| 3    | 2  | 3.169                | 0.420     | 3.555        | 2.749      | 0.000   |
| 3    | 3  | 3.265                | 0.462     | 3.689        | 2.803      | 0.000   |
| 4    | 1  | 3.264                | 0.566     | 3.686        | 2.698      | 0.000   |
| 4    | 2  | 3.436                | 0.566     | 3.858        | 2.870      | 0.000   |
| 4    | 3  | 2.932                | 0.566     | 3.354        | 2.366      | 0.000   |
| 5    | 1  | 3.100                | 0.548     | 3.510        | 2.553      | 0.000   |
| 5    | 2  | 2.232                | 0.548     | 2.641        | 1.684      | 0.000   |
| 5    | 3  | 2.017                | 0.602     | 2.467        | 1.414      | 0.000   |
| 6    | 1  | 2.568                | 0.566     | 2.990        | 2.003      | 0.000   |
| 6    | 2  | 2.131                | 0.566     | 2.554        | 1.566      | 0.000   |
| 6    | 3  | 1.928                | 0.566     | 2.350        | 1.362      | 0.000   |
| 7    | 1  | 2.048                | 0.548     | 2.458        | 1.501      | 0.000   |
| 7    | 2  | 1.358                | 0.548     | 1.768        | 0.810      | 0.000   |
| 7    | 3  | 1.652                | 0.602     | 2.103        | 1.050      | 0.000   |
| 8    | 1  | 1.321                | 0.548     | 1.730        | 0.773      | 0.000   |
| 8    | 2  | 1.033                | 0.548     | 1.441        | 0.485      | 0.000   |
| 8    | 3  | 1.228                | 0.602     | 1.678        | 0.625      | 0.000   |
| 9    | 1  | 1.432                | 0.009     | 1.460        | 1.423      | 0.000   |
| 9    | 2  | 1.509                | 0.009     | 1.537        | 1.500      | 0.000   |
| 9    | 3  | 1.309                | 0.009     | 1.337        | 1.299      | 0.000   |
| 10   | 1  | 1.201                | 0.009     | 1.229        | 1.192      | 0.000   |
| 10   | 2  | 1.383                | 0.009     | 1.411        | 1.374      | 0.000   |
| 10   | 3  | 1.536                | 0.010     | 1.566        | 1.525      | 0.000   |
| 11   | 1  | 2.557                | 0.433     | 2.954        | 2.123      | 0.000   |
| 11   | 2  | 4.346                | 0.433     | 4.743        | 3.912      | 0.000   |
| 11   | 3  | 9.119                | 0.433     | 9.517        | 8.686      | 0.000   |
| 12   | 1  | 7.374                | 0.420     | 7.759        | 6.954      | 0.000   |
| 12   | 2  | 7.556                | 0.420     | 7.941        | 7.136      | 0.000   |
| 12   | 3  | 8.213                | 0.462     | 8.637        | 7.751      | 0.000   |
| Tot  | al | 124.016              | 15.047    | 136.492      | 108.970    | 0.000   |

| 1993 |    | U. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 2.536   | 0.354    | 2.536       | 2.182        | 0.000      |         |
| 1    | 2  | 3.454   | 0.354    | 3.454       | 3.099        | 0.000      |         |
| 1    | 3  | 3.686   | 0.390    | 3.686       | 3.297        | 0.000      |         |
| 2    | 1  | 3.232   | 0.388    | 3.232       | 2.844        | 0.000      |         |
| 2    | 2  | 3.492   | 0.388    | 3.492       | 3.103        | 0.000      |         |
| 2    | 3  | 1.603   | 0.311    | 1.603       | 1.293        | 0.000      |         |
| 3    | 1  | 1.724   | 0.354    | 1.724       | 1.369        | 0.000      |         |
| 3    | 2  | 2.546   | 0.354    | 2.546       | 2.191        | 0.000      |         |
| 3    | 3  | 1.938   | 0.390    | 1.938       | 1.548        | 0.000      |         |
| 4    | 1  | 1.343   | 0.379    | 1.343       | 0.964        | 0.000      |         |
| 4    | 2  | 2.784   | 0.379    | 2.784       | 2.405        | 0.000      |         |
| 4    | 3  | 2.313   | 0.379    | 2.313       | 1.933        | 0.000      |         |
| 5    | 1  | 3.038   | 0.368    | 3.038       | 2.670        | 0.000      |         |
| 5    | 2  | 1.501   | 0.368    | 1.501       | 1.132        | 0.000      |         |
| 5    | 3  | 1.381   | 0.405    | 1.381       | 0.976        | 0.000      |         |
| 6    | 1  | 1.322   | 0.379    | 1.322       | 0.943        | 0.000      |         |
| 6    | 2  | 1.264   | 0.379    | 1.264       | 0.884        | 0.000      |         |
| 6    | 3  | 0.986   | 0.379    | 0.986       | 0.607        | 0.000      |         |
| 7    | 1  | 1.379   | 0.368    | 1.379       | 1.011        | 0.000      |         |
| 7    | 2  | 0.877   | 0.368    | 0.877       | 0.508        | 0.000      |         |
| 7    | 3  | 0.987   | 0.405    | 0.987       | 0.582        | 0.000      |         |
| 8    | 1  | 0.855   | 0.105    | 0.855       | 0.750        | 0.000      |         |
| 8    | 2  | 0.671   | 0.105    | 0.671       | 0.565        | 0.000      |         |
| 8    | 3  | 0.786   | 0.116    | 0.786       | 0.670        | 0.000      |         |
| 9    | 1  | 0.696   | 0.037    | 0.696       | 0.659        | 0.000      |         |
| 9    | 2  | 0.638   | 0.037    | 0.638       | 0.600        | 0.000      |         |
| 9    | 3  | 0.504   | 0.037    | 0.504       | 0.467        | 0.000      |         |
| 10   | 1  | 0.437   | 0.037    | 0.437       | 0.400        | 0.000      |         |
| 10   | 2  | 0.457   | 0.037    | 0.457       | 0.420        | 0.000      |         |
| 10   | 3  | 0.608   | 0.041    | 0.608       | 0.567        | 0.000      |         |
| 11   | 1  | 0.753   | 0.141    | 0.753       | 0.612        | 0.000      |         |
| 11   | 2  | 1.132   | 0.141    | 1.132       | 0.991        | 0.000      |         |
| 11   | 3  | 2.912   | 0.141    | 2.912       | 2.771        | 0.000      |         |
| 12   | 1  | 3.286   | 0.354    | 3.286       | 2.932        | 0.000      |         |
| 12   | 2  | 3.699   | 0.354    | 3.699       | 3.344        | 0.000      |         |
| 12   | 3  | 3.748   | 0.390    | 3.748       | 3.359        | 0.000      |         |
| Tot  | al | 64.566  | 9.918    | 64.566      | 54.648       | 0.000      |         |

| 1993 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 6.705   | 0.586    | 6.996       | 6.119        | 0.000      |         |
| 1    | 2  | 6.934   | 0.586    | 7.225       | 6.349        | 0.000      |         |
| 1    | 3  | 7.863   | 0.644    | 8.183       | 7.218        | 0.000      |         |
| 2    | 1  | 6.902   | 0.647    | 7.220       | 6.255        | 0.000      |         |
| 2    | 2  | 6.672   | 0.647    | 6.990       | 6.025        | 0.000      |         |
| 2    | 3  | 3.268   | 0.518    | 3.522       | 2.750        | 0.000      |         |
| 3    | 1  | 4.374   | 0.586    | 4.665       | 3.788        | 0.000      |         |
| 3    | 2  | 6.027   | 0.586    | 6.318       | 5.441        | 0.000      |         |
| 3    | 3  | 4.510   | 0.644    | 4.830       | 3.866        | 0.000      |         |
| 4    | 1  | 3.087   | 0.163    | 3.398       | 2.924        | 0.000      |         |
| 4    | 2  | 5.995   | 0.163    | 6.306       | 5.832        | 0.000      |         |
| 4    | 3  | 5.219   | 0.163    | 5.530       | 5.057        | 0.000      |         |
| 5    | 1  | 5.842   | 0.158    | 6.144       | 5.684        | 0.000      |         |
| 5    | 2  | 3.346   | 0.158    | 3.648       | 3.188        | 0.000      |         |
| 5    | 3  | 3.012   | 0.174    | 3.344       | 2.838        | 0.000      |         |
| 6    | 1  | 2.609   | 0.163    | 2.920       | 2.447        | 0.000      |         |
| 6    | 2  | 2.284   | 0.163    | 2.595       | 2.122        | 0.000      |         |
| 6    | 3  | 1.896   | 0.163    | 2.207       | 1.733        | 0.000      |         |
| 7    | 1  | 2.233   | 0.158    | 2.535       | 2.075        | 0.000      |         |
| 7    | 2  | 1.549   | 0.158    | 1.851       | 1.391        | 0.000      |         |
| 7    | 3  | 1.700   | 0.174    | 2.033       | 1.527        | 0.000      |         |
| 8    | 1  | 1.724   | 0.122    | 1.815       | 1.602        | 0.000      |         |
| 8    | 2  | 1.359   | 0.122    | 1.451       | 1.238        | 0.000      |         |
| 8    | 3  | 1.491   | 0.134    | 1.591       | 1.357        | 0.000      |         |
| 9    | 1  | 1.375   | 0.009    | 1.412       | 1.366        | 0.000      |         |
| 9    | 2  | 1.200   | 0.009    | 1.237       | 1.191        | 0.000      |         |
| 9    | 3  | 0.989   | 0.009    | 1.026       | 0.979        | 0.000      |         |
| 10   | 1  | 0.861   | 0.009    | 0.898       | 0.851        | 0.000      |         |
| 10   | 2  | 0.845   | 0.009    | 0.882       | 0.835        | 0.000      |         |
| 10   | 3  | 1.087   | 0.010    | 1.128       | 1.077        | 0.000      |         |
| 11   | 1  | 1.299   | 0.574    | 1.419       | 0.725        | 0.000      |         |
| 11   | 2  | 1.980   | 0.574    | 2.100       | 1.405        | 0.000      |         |
| 11   | 3  | 4.478   | 0.574    | 4.598       | 3.904        | 0.000      |         |
| 12   | 1  | 6.480   | 0.586    | 6.771       | 5.894        | 0.000      |         |
| 12   | 2  | 7.481   | 0.586    | 7.772       | 6.896        | 0.000      |         |
| 12   | 3  | 8.786   | 0.644    | 9.106       | 8.142        | 0.000      |         |
| Tot  | al | 133.461 | 11.371   | 141.667     | 122.090      | 0.000      |         |

| 1993 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.669                | 0.884       | 1.669        | 0.786      | 0.000   |
| 1    | 2  | 1.877                | 0.884       | 1.877        | 0.993      | 0.000   |
| 1    | 3  | 3.754                | 0.972       | 3.754        | 2.782      | 0.000   |
| 2    | 1  | 2.800                | 0.973       | 2.800        | 1.827      | 0.000   |
| 2    | 2  | 5.215                | 0.973       | 5.215        | 4.242      | 0.000   |
| 2    | 3  | 2.435                | 0.778       | 2.435        | 1.657      | 0.000   |
| 3    | 1  | 2.347                | 0.884       | 2.347        | 1.463      | 0.000   |
| 3    | 2  | 2.618                | 0.884       | 2.618        | 1.734      | 0.000   |
| 3    | 3  | 2.853                | 0.972       | 2.853        | 1.881      | 0.000   |
| 4    | 1  | 2.006                | 1.094       | 2.006        | 0.912      | 0.000   |
| 4    | 2  | 2.139                | 1.094       | 2.139        | 1.045      | 0.000   |
| 4    | 3  | 4.283                | 1.094       | 4.283        | 3.189      | 0.000   |
| 5    | 1  | 3.301                | 1.060       | 3.301        | 2.241      | 0.000   |
| 5    | 2  | 2.120                | 1.060       | 2.120        | 1.059      | 0.000   |
| 5    | 3  | 2.047                | 1.166       | 2.047        | 0.880      | 0.000   |
| 6    | 1  | 1.530                | 1.094       | 1.530        | 0.436      | 0.000   |
| 6    | 2  | 1.563                | 1.094       | 1.563        | 0.469      | 0.000   |
| 6    | 3  | 1.481                | 1.094       | 1.481        | 0.387      | 0.000   |
| 7    | 1  | 1.459                | 1.060       | 1.459        | 0.399      | 0.000   |
| 7    | 2  | 1.246                | 1.060       | 1.246        | 0.350      | 0.164   |
| 7    | 3  | 1.449                | 1.166       | 1.449        | 0.385      | 0.102   |
| 8    | 1  | 1.272                | 0.053       | 1.272        | 1.219      | 0.000   |
| 8    | 2  | 0.973                | 0.053       | 0.973        | 0.921      | 0.000   |
| 8    | 3  | 1.026                | 0.058       | 1.026        | 0.968      | 0.000   |
| 9    | 1  | 0.881                | 0.053       | 0.881        | 0.828      | 0.000   |
| 9    | 2  | 0.795                | 0.053       | 0.795        | 0.742      | 0.000   |
| 9    | 3  | 0.669                | 0.053       | 0.669        | 0.616      | 0.000   |
| 10   | 1  | 0.711                | 0.053       | 0.711        | 0.659      | 0.000   |
| 10   | 2  | 0.923                | 0.053       | 0.923        | 0.870      | 0.000   |
| 10   | 3  | 1.108                | 0.058       | 1.108        | 1.050      | 0.000   |
| 11   | 1  | 1.087                | 0.053       | 1.087        | 1.035      | 0.000   |
| 11   | 2  | 1.506                | 0.053       | 1.506        | 1.453      | 0.000   |
| 11   | 3  | 2.838                | 0.053       | 2.838        | 2.785      | 0.000   |
| 12   | 1  | 4.470                | 0.884       | 4.470        | 3.587      | 0.000   |
| 12   | 2  | 3.177                | 0.884       | 3.177        | 2.293      | 0.000   |
| 12   | 3  | 2.129                | 0.972       | 2.129        | 1.157      | 0.000   |
| Tot  | al | 73.757               | 24.720      | 73.757       | 49.303     | 0.267   |

  

| 1993 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 4.409                | 0.964       | 5.193        | 3.445      | 0.000   |
| 1    | 2  | 5.862                | 0.964       | 6.646        | 4.898      | 0.000   |
| 1    | 3  | 7.923                | 1.061       | 8.785        | 6.862      | 0.000   |
| 2    | 1  | 6.331                | 1.063       | 7.193        | 5.268      | 0.000   |
| 2    | 2  | 8.743                | 1.063       | 9.605        | 7.680      | 0.000   |
| 2    | 3  | 4.195                | 0.851       | 4.885        | 3.344      | 0.000   |
| 3    | 1  | 3.791                | 0.964       | 4.575        | 2.827      | 0.000   |
| 3    | 2  | 5.161                | 0.964       | 5.945        | 4.197      | 0.000   |
| 3    | 3  | 5.367                | 1.061       | 6.229        | 4.306      | 0.000   |
| 4    | 1  | 3.518                | 1.295       | 4.487        | 2.222      | 0.000   |
| 4    | 2  | 5.193                | 1.295       | 6.162        | 3.897      | 0.000   |
| 4    | 3  | 7.267                | 1.295       | 8.236        | 5.971      | 0.000   |
| 5    | 1  | 7.254                | 1.255       | 8.193        | 5.999      | 0.000   |
| 5    | 2  | 4.699                | 1.255       | 5.639        | 3.444      | 0.000   |
| 5    | 3  | 3.581                | 1.380       | 4.614        | 2.201      | 0.000   |
| 6    | 1  | 2.594                | 1.295       | 3.563        | 1.299      | 0.000   |
| 6    | 2  | 2.427                | 1.295       | 3.396        | 1.132      | 0.000   |
| 6    | 3  | 2.130                | 1.295       | 3.099        | 0.835      | 0.000   |
| 7    | 1  | 2.210                | 1.255       | 3.150        | 0.955      | 0.000   |
| 7    | 2  | 1.996                | 1.255       | 2.791        | 0.741      | 0.000   |
| 7    | 3  | 2.208                | 1.380       | 3.151        | 0.827      | 0.000   |
| 8    | 1  | 2.750                | 1.003       | 2.802        | 1.746      | 0.000   |
| 8    | 2  | 2.220                | 1.003       | 2.272        | 1.216      | 0.000   |
| 8    | 3  | 2.433                | 1.104       | 2.491        | 1.329      | 0.000   |
| 9    | 1  | 2.217                | 0.041       | 2.270        | 2.176      | 0.000   |
| 9    | 2  | 1.968                | 0.041       | 2.020        | 1.927      | 0.000   |
| 9    | 3  | 1.658                | 0.041       | 1.711        | 1.617      | 0.000   |
| 10   | 1  | 1.571                | 0.041       | 1.623        | 1.530      | 0.000   |
| 10   | 2  | 1.689                | 0.041       | 1.742        | 1.648      | 0.000   |
| 10   | 3  | 1.851                | 0.045       | 1.909        | 1.806      | 0.000   |
| 11   | 1  | 1.760                | 0.781       | 1.813        | 0.980      | 0.000   |
| 11   | 2  | 2.366                | 0.781       | 2.418        | 1.585      | 0.000   |
| 11   | 3  | 4.560                | 0.781       | 4.613        | 3.779      | 0.000   |
| 12   | 1  | 6.234                | 0.964       | 7.018        | 5.270      | 0.000   |
| 12   | 2  | 6.200                | 0.964       | 6.984        | 5.236      | 0.000   |
| 12   | 3  | 6.174                | 1.061       | 7.036        | 5.113      | 0.000   |
| Tot  | al | 142.509              | 33.201      | 164.259      | 109.309    | 0.000   |

| 1993 |     | L. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|---------|----------|-------------|--------------|------------|---------|
|      | 1   |         | 21.136   | 0.914       | 25.500       | 20.222     | 0.000   |
|      | 1   | 2       | 26.606   | 0.914       | 31.685       | 25.692     | 0.000   |
|      | 1   | 3       | 30.734   | 1.005       | 36.354       | 29.729     | 0.000   |
|      | 2   | 1       | 25.399   | 0.980       | 31.040       | 24.420     | 0.000   |
|      | 2   | 2       | 29.136   | 0.980       | 34.746       | 28.156     | 0.000   |
|      | 2   | 3       | 19.159   | 0.784       | 23.639       | 18.375     | 0.000   |
|      | 3   | 1       | 22.192   | 0.914       | 27.487       | 21.279     | 0.000   |
|      | 3   | 2       | 22.266   | 0.914       | 27.298       | 21.352     | 0.000   |
|      | 3   | 3       | 20.390   | 1.005       | 25.950       | 19.385     | 0.000   |
|      | 4   | 1       | 17.362   | 1.168       | 23.092       | 16.194     | 0.000   |
|      | 4   | 2       | 21.894   | 1.168       | 27.665       | 20.727     | 0.000   |
|      | 4   | 3       | 26.511   | 1.168       | 32.725       | 25.343     | 0.000   |
|      | 5   | 1       | 25.895   | 1.139       | 31.700       | 24.755     | 0.000   |
|      | 5   | 2       | 18.199   | 1.139       | 23.913       | 17.060     | 0.000   |
|      | 5   | 3       | 14.723   | 1.253       | 20.996       | 13.469     | 0.000   |
|      | 6   | 1       | 11.977   | 1.168       | 17.454       | 10.810     | 0.000   |
|      | 6   | 2       | 10.132   | 1.168       | 15.758       | 8.964      | 0.000   |
|      | 6   | 3       | 8.959    | 1.168       | 14.537       | 7.792      | 0.000   |
|      | 7   | 1       | 8.945    | 1.139       | 14.257       | 7.806      | 0.000   |
|      | 7   | 2       | 6.728    | 1.139       | 11.779       | 5.589      | 0.000   |
|      | 7   | 3       | 7.567    | 1.253       | 13.481       | 6.313      | 0.000   |
|      | 8   | 1       | 8.239    | 1.128       | 11.837       | 7.111      | 0.000   |
|      | 8   | 2       | 6.262    | 1.128       | 9.586        | 5.267      | 0.133   |
|      | 8   | 3       | 6.692    | 1.241       | 10.371       | 5.756      | 0.305   |
|      | 9   | 1       | 8.594    | 0.298       | 8.979        | 8.296      | 0.000   |
|      | 9   | 2       | 7.875    | 0.298       | 8.240        | 7.577      | 0.000   |
|      | 9   | 3       | 7.253    | 0.298       | 7.614        | 6.955      | 0.000   |
|      | 10  | 1       | 7.668    | 0.298       | 8.034        | 7.370      | 0.000   |
|      | 10  | 2       | 9.851    | 0.298       | 10.219       | 9.553      | 0.000   |
|      | 10  | 3       | 18.420   | 0.328       | 18.835       | 18.092     | 0.000   |
|      | 11  | 1       | 19.577   | 0.925       | 22.908       | 18.653     | 0.000   |
|      | 11  | 2       | 18.498   | 0.925       | 21.901       | 17.574     | 0.000   |
|      | 11  | 3       | 29.091   | 0.925       | 32.663       | 28.166     | 0.000   |
|      | 12  | 1       | 33.208   | 0.914       | 38.300       | 32.295     | 0.000   |
|      | 12  | 2       | 30.263   | 0.914       | 35.348       | 29.349     | 0.000   |
|      | 12  | 3       | 31.008   | 1.005       | 36.486       | 30.003     | 0.000   |
|      | Tot | al      | 638.412  | 33.401      | 792.377      | 605.449    | 0.438   |

| 1993 | Mu  | si Mouth | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|----------|----------|-------------|--------------|------------|---------|
|      | 1   | 1        | 25.142   | 0.491       | 30.420       | 24.748     | 0.000   |
|      | 1   | 2        | 29.878   | 0.491       | 35.871       | 29.484     | 0.000   |
|      | 1   | 3        | 33.449   | 0.540       | 40.074       | 33.016     | 0.000   |
|      | 2   | 1        | 27.219   | 0.543       | 33.839       | 26.784     | 0.000   |
|      | 2   | 2        | 31.182   | 0.543       | 37.772       | 30.746     | 0.000   |
|      | 2   | 3        | 20.400   | 0.434       | 25.664       | 20.052     | 0.000   |
|      | 3   | 1        | 23.467   | 0.491       | 29.675       | 23.073     | 0.000   |
|      | 3   | 2        | 24.653   | 0.491       | 30.599       | 24.259     | 0.000   |
|      | 3   | 3        | 23.426   | 0.540       | 29.991       | 22.992     | 0.000   |
|      | 4   | 1        | 20.450   | 0.705       | 27.348       | 19.885     | 0.000   |
|      | 4   | 2        | 25.717   | 0.705       | 32.655       | 25.151     | 0.000   |
|      | 4   | 3        | 29.760   | 0.705       | 37.142       | 29.195     | 0.000   |
|      | 5   | 1        | 29.821   | 0.683       | 36.766       | 29.274     | 0.000   |
|      | 5   | 2        | 20.489   | 0.683       | 27.342       | 19.941     | 0.000   |
|      | 5   | 3        | 16.697   | 0.751       | 24.224       | 16.095     | 0.000   |
|      | 6   | 1        | 14.201   | 0.705       | 20.845       | 13.636     | 0.000   |
|      | 6   | 2        | 11.592   | 0.705       | 18.385       | 11.027     | 0.000   |
|      | 6   | 3        | 10.150   | 0.705       | 16.895       | 9.585      | 0.000   |
|      | 7   | 1        | 9.904    | 0.683       | 16.355       | 9.356      | 0.000   |
|      | 7   | 2        | 7.379    | 0.683       | 13.569       | 6.832      | 0.000   |
|      | 7   | 3        | 8.619    | 0.751       | 15.787       | 8.017      | 0.000   |
|      | 8   | 1        | 9.530    | 0.671       | 14.256       | 8.992      | 0.000   |
|      | 8   | 2        | 7.191    | 0.671       | 11.511       | 6.653      | 0.000   |
|      | 8   | 3        | 7.854    | 0.738       | 12.469       | 7.262      | 0.000   |
|      | 9   | 1        | 10.122   | 0.007       | 10.806       | 10.116     | 0.000   |
|      | 9   | 2        | 9.132    | 0.007       | 9.795        | 9.125      | 0.000   |
|      | 9   | 3        | 8.341    | 0.007       | 9.000        | 8.335      | 0.000   |
|      | 10  | 1        | 8.604    | 0.007       | 9.268        | 8.597      | 0.000   |
|      | 10  | 2        | 10.759   | 0.007       | 11.425       | 10.753     | 0.000   |
|      | 10  | 3        | 19.334   | 0.007       | 20.077       | 19.327     | 0.000   |
|      | 11  | 1        | 19.936   | 0.497       | 24.192       | 19.537     | 0.000   |
|      | 11  | 2        | 19.231   | 0.497       | 23.558       | 18.832     | 0.000   |
|      | 11  | 3        | 31.024   | 0.497       | 35.521       | 30.625     | 0.000   |
|      | 12  | 1        | 35.769   | 0.491       | 41.775       | 35.375     | 0.000   |
|      | 12  | 2        | 31.788   | 0.491       | 37.787       | 31.394     | 0.000   |
|      | 12  | 3        | 34.328   | 0.540       | 40.811       | 33.895     | 0.000   |
|      | Tot | al       | 706.538  | 18.159      | 893.467      | 691.962    | 0.000   |

| 1994 |    | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 2.887    | 0.997     | 2.820        | 1.954      | 0.000   |
| 1    | 2  |         | 5.085    | 1.233     | 5.017        | 3.916      | 0.000   |
| 1    | 3  |         | 4.975    | 1.322     | 4.900        | 3.723      | 0.000   |
| 2    | 1  |         | 2.683    | 1.061     | 2.608        | 1.693      | 0.000   |
| 2    | 2  |         | 3.550    | 1.129     | 3.475        | 2.492      | 0.000   |
| 2    | 3  |         | 1.831    | 0.761     | 1.771        | 1.127      | 0.000   |
| 3    | 1  |         | 3.273    | 1.075     | 3.206        | 2.261      | 0.000   |
| 3    | 2  |         | 5.397    | 1.275     | 5.330        | 4.185      | 0.000   |
| 3    | 3  |         | 5.520    | 1.483     | 5.445        | 4.107      | 0.000   |
| 4    | 1  |         | 4.202    | 1.312     | 4.117        | 2.969      | 0.000   |
| 4    | 2  |         | 5.678    | 1.354     | 5.594        | 4.404      | 0.000   |
| 4    | 3  |         | 4.067    | 1.265     | 3.982        | 2.881      | 0.000   |
| 5    | 1  |         | 2.324    | 1.052     | 2.242        | 1.350      | 0.000   |
| 5    | 2  |         | 1.660    | 1.005     | 1.578        | 0.732      | 0.000   |
| 5    | 3  |         | 2.176    | 1.104     | 2.086        | 1.157      | 0.000   |
| 6    | 1  |         | 2.015    | 1.034     | 1.930        | 1.061      | 0.000   |
| 6    | 2  |         | 1.388    | 1.008     | 1.305        | 0.583      | 0.152   |
| 6    | 3  |         | 1.180    | 0.982     | 1.113        | 0.563      | 0.334   |
| 7    | 1  |         | 1.110    | 0.949     | 1.047        | 0.554      | 0.371   |
| 7    | 2  |         | 1.104    | 0.945     | 1.044        | 0.556      | 0.373   |
| 7    | 3  |         | 1.101    | 1.030     | 1.041        | 0.597      | 0.513   |
| 8    | 1  |         | 0.928    | 0.850     | 0.876        | 0.533      | 0.454   |
| 8    | 2  |         | 0.876    | 0.845     | 0.828        | 0.531      | 0.499   |
| 8    | 3  |         | 0.916    | 0.924     | 0.867        | 0.559      | 0.566   |
| 9    | 1  |         | 0.727    | 0.119     | 0.727        | 0.608      | 0.000   |
| 9    | 2  |         | 0.692    | 0.115     | 0.692        | 0.577      | 0.000   |
| 9    | 3  |         | 0.645    | 0.111     | 0.645        | 0.534      | 0.000   |
| 10   | 1  |         | 0.608    | 0.107     | 0.608        | 0.526      | 0.025   |
| 10   | 2  |         | 0.574    | 0.104     | 0.574        | 0.495      | 0.025   |
| 10   | 3  |         | 0.590    | 0.110     | 0.590        | 0.508      | 0.027   |
| 11   | 1  |         | 0.665    | 0.719     | 0.629        | 0.399      | 0.453   |
| 11   | 2  |         | 0.819    | 0.729     | 0.776        | 0.513      | 0.424   |
| 11   | 3  |         | 1.688    | 0.765     | 1.631        | 0.988      | 0.000   |
| 12   | 1  |         | 1.180    | 0.808     | 1.117        | 0.569      | 0.160   |
| 12   | 2  |         | 2.629    | 0.896     | 2.561        | 1.796      | 0.000   |
| 12   | 3  |         | 3.484    | 1.078     | 3.410        | 2.476      | 0.000   |
| Tot  | al |         | 80.228   | 31.654    | 78.182       | 54.474     | 4.377   |
|      |    |         |          |           |              |            |         |
| 1994 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 0.415    | 0.295     | 0.415        | 0.119      | 0.000   |
| 1    | 2  |         | 0.589    | 0.295     | 0.589        | 0.293      | 0.000   |
| 1    | 3  |         | 1.111    | 0.325     | 1.111        | 0.786      | 0.000   |
| 2    | 1  |         | 1.129    | 0.325     | 1.129        | 0.805      | 0.000   |
| 2    | 2  |         | 1.062    | 0.325     | 1.062        | 0.737      | 0.000   |
| 2    | 3  |         | 0.785    | 0.260     | 0.785        | 0.525      | 0.000   |
| 3    | 1  |         | 1.094    | 0.295     | 1.094        | 0.799      | 0.000   |
| 3    | 2  |         | 0.886    | 0.295     | 0.886        | 0.591      | 0.000   |
| 3    | 3  |         | 2.109    | 0.325     | 2.109        | 1.784      | 0.000   |
| 4    | 1  |         | 1.874    | 0.365     | 1.874        | 1.509      | 0.000   |
| 4    | 2  |         | 1.383    | 0.365     | 1.383        | 1.018      | 0.000   |
| 4    | 3  |         | 1.146    | 0.365     | 1.146        | 0.781      | 0.000   |
| 5    | 1  |         | 0.794    | 0.354     | 0.794        | 0.440      | 0.000   |
| 5    | 2  |         | 0.620    | 0.354     | 0.620        | 0.266      | 0.000   |
| 5    | 3  |         | 0.576    | 0.390     | 0.576        | 0.186      | 0.000   |
| 6    | 1  |         | 0.475    | 0.365     | 0.475        | 0.110      | 0.000   |
| 6    | 2  |         | 0.427    | 0.365     | 0.427        | 0.061      | 0.000   |
| 6    | 3  |         | 0.363    | 0.365     | 0.363        | 0.028      | 0.030   |
| 7    | 1  |         | 0.317    | 0.354     | 0.317        | 0.028      | 0.065   |
| 7    | 2  |         | 0.281    | 0.354     | 0.281        | 0.028      | 0.101   |
| 7    | 3  |         | 0.272    | 0.390     | 0.272        | 0.031      | 0.148   |
| 8    | 1  |         | 0.218    | 0.192     | 0.218        | 0.028      | 0.002   |
| 8    | 2  |         | 0.193    | 0.192     | 0.193        | 0.028      | 0.027   |
| 8    | 3  |         | 0.187    | 0.211     | 0.187        | 0.031      | 0.055   |
| 9    | 1  |         | 0.150    | 0.019     | 0.150        | 0.131      | 0.000   |
| 9    | 2  |         | 0.133    | 0.019     | 0.133        | 0.114      | 0.000   |
| 9    | 3  |         | 0.118    | 0.019     | 0.118        | 0.099      | 0.000   |
| 10   | 1  |         | 0.104    | 0.019     | 0.104        | 0.086      | 0.000   |
| 10   | 2  |         | 0.093    | 0.019     | 0.093        | 0.074      | 0.000   |
| 10   | 3  |         | 0.089    | 0.021     | 0.089        | 0.069      | 0.000   |
| 11   | 1  |         | 0.087    | 0.166     | 0.087        | 0.028      | 0.107   |
| 11   | 2  |         | 0.091    | 0.166     | 0.091        | 0.028      | 0.103   |
| 11   | 3  |         | 0.153    | 0.166     | 0.153        | 0.028      | 0.041   |
| 12   | 1  |         | 0.244    | 0.295     | 0.244        | 0.028      | 0.079   |
| 12   | 2  |         | 0.308    | 0.295     | 0.308        | 0.028      | 0.015   |
| 12   | 3  |         | 0.479    | 0.325     | 0.479        | 0.154      | 0.000   |
| Tot  | al |         | 20.357   | 9.252     | 20.357       | 11.877     | 0.772   |



| 1994 |     | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|----------|----------|-----------|--------------|------------|---------|
|      | 1   |          | 0.481    | 0.211     | 0.481        | 0.270      | 0.000   |
|      | 1   | 2        | 0.623    | 0.211     | 0.623        | 0.412      | 0.000   |
|      | 1   | 3        | 1.024    | 0.233     | 1.024        | 0.791      | 0.000   |
|      | 2   | 1        | 1.113    | 0.234     | 1.113        | 0.879      | 0.000   |
|      | 2   | 2        | 1.123    | 0.234     | 1.123        | 0.890      | 0.000   |
|      | 2   | 3        | 0.813    | 0.187     | 0.813        | 0.626      | 0.000   |
|      | 3   | 1        | 1.052    | 0.211     | 1.052        | 0.841      | 0.000   |
|      | 3   | 2        | 0.860    | 0.211     | 0.860        | 0.649      | 0.000   |
|      | 3   | 3        | 1.901    | 0.233     | 1.901        | 1.668      | 0.000   |
|      | 4   | 1        | 1.872    | 0.265     | 1.872        | 1.606      | 0.000   |
|      | 4   | 2        | 1.301    | 0.265     | 1.301        | 1.036      | 0.000   |
|      | 4   | 3        | 1.076    | 0.265     | 1.076        | 0.810      | 0.000   |
|      | 5   | 1        | 0.834    | 0.257     | 0.834        | 0.577      | 0.000   |
|      | 5   | 2        | 0.690    | 0.257     | 0.690        | 0.434      | 0.000   |
|      | 5   | 3        | 0.657    | 0.282     | 0.657        | 0.375      | 0.000   |
|      | 6   | 1        | 0.535    | 0.265     | 0.535        | 0.270      | 0.000   |
|      | 6   | 2        | 0.475    | 0.265     | 0.475        | 0.210      | 0.000   |
|      | 6   | 3        | 0.415    | 0.265     | 0.415        | 0.150      | 0.000   |
|      | 7   | 1        | 0.366    | 0.257     | 0.366        | 0.109      | 0.000   |
|      | 7   | 2        | 0.324    | 0.257     | 0.324        | 0.067      | 0.000   |
|      | 7   | 3        | 0.314    | 0.282     | 0.314        | 0.043      | 0.011   |
|      | 8   | 1        | 0.251    | 0.229     | 0.251        | 0.039      | 0.016   |
|      | 8   | 2        | 0.223    | 0.229     | 0.223        | 0.039      | 0.045   |
|      | 8   | 3        | 0.216    | 0.252     | 0.216        | 0.043      | 0.079   |
|      | 9   | 1        | 0.173    | 0.006     | 0.173        | 0.167      | 0.000   |
|      | 9   | 2        | 0.153    | 0.006     | 0.153        | 0.148      | 0.000   |
|      | 9   | 3        | 0.136    | 0.006     | 0.136        | 0.130      | 0.000   |
|      | 10  | 1        | 0.121    | 0.006     | 0.121        | 0.115      | 0.000   |
|      | 10  | 2        | 0.107    | 0.006     | 0.107        | 0.101      | 0.000   |
|      | 10  | 3        | 0.104    | 0.006     | 0.104        | 0.097      | 0.000   |
|      | 11  | 1        | 0.092    | 0.195     | 0.092        | 0.039      | 0.142   |
|      | 11  | 2        | 0.090    | 0.195     | 0.090        | 0.039      | 0.143   |
|      | 11  | 3        | 0.115    | 0.195     | 0.115        | 0.039      | 0.119   |
|      | 12  | 1        | 0.173    | 0.211     | 0.173        | 0.039      | 0.077   |
|      | 12  | 2        | 0.240    | 0.211     | 0.240        | 0.039      | 0.010   |
|      | 12  | 3        | 0.337    | 0.233     | 0.337        | 0.104      | 0.000   |
|      | Tot | al       | 20.379   | 7.132     | 20.379       | 13.890     | 0.643   |
|      |     |          |          |           |              |            |         |
| 1994 | U.  | Lakitan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|      | 1   | 1        | 0.569    | 0.315     | 0.569        | 0.254      | 0.000   |
|      | 1   | 2        | 0.841    | 0.315     | 0.841        | 0.526      | 0.000   |
|      | 1   | 3        | 1.465    | 0.347     | 1.465        | 1.118      | 0.000   |
|      | 2   | 1        | 1.388    | 0.348     | 1.388        | 1.040      | 0.000   |
|      | 2   | 2        | 1.495    | 0.348     | 1.495        | 1.147      | 0.000   |
|      | 2   | 3        | 0.923    | 0.278     | 0.923        | 0.645      | 0.000   |
|      | 3   | 1        | 1.657    | 0.315     | 1.657        | 1.342      | 0.000   |
|      | 3   | 2        | 1.158    | 0.315     | 1.158        | 0.843      | 0.000   |
|      | 3   | 3        | 3.150    | 0.347     | 3.150        | 2.803      | 0.000   |
|      | 4   | 1        | 1.920    | 0.393     | 1.920        | 1.528      | 0.000   |
|      | 4   | 2        | 1.453    | 0.393     | 1.453        | 1.060      | 0.000   |
|      | 4   | 3        | 1.126    | 0.393     | 1.126        | 0.734      | 0.000   |
|      | 5   | 1        | 0.861    | 0.380     | 0.861        | 0.481      | 0.000   |
|      | 5   | 2        | 0.701    | 0.380     | 0.701        | 0.321      | 0.000   |
|      | 5   | 3        | 0.681    | 0.418     | 0.681        | 0.262      | 0.000   |
|      | 6   | 1        | 0.576    | 0.393     | 0.576        | 0.184      | 0.000   |
|      | 6   | 2        | 0.498    | 0.393     | 0.498        | 0.105      | 0.000   |
|      | 6   | 3        | 0.427    | 0.393     | 0.427        | 0.046      | 0.012   |
|      | 7   | 1        | 0.377    | 0.380     | 0.377        | 0.046      | 0.049   |
|      | 7   | 2        | 0.334    | 0.380     | 0.334        | 0.046      | 0.092   |
|      | 7   | 3        | 0.324    | 0.418     | 0.324        | 0.051      | 0.145   |
|      | 8   | 1        | 0.260    | 0.157     | 0.260        | 0.102      | 0.000   |
|      | 8   | 2        | 0.230    | 0.157     | 0.230        | 0.073      | 0.000   |
|      | 8   | 3        | 0.223    | 0.173     | 0.223        | 0.051      | 0.001   |
|      | 9   | 1        | 0.178    | 0.008     | 0.178        | 0.170      | 0.000   |
|      | 9   | 2        | 0.159    | 0.008     | 0.159        | 0.151      | 0.000   |
|      | 9   | 3        | 0.140    | 0.008     | 0.140        | 0.132      | 0.000   |
|      | 10  | 1        | 0.124    | 0.008     | 0.124        | 0.116      | 0.000   |
|      | 10  | 2        | 0.111    | 0.008     | 0.111        | 0.102      | 0.000   |
|      | 10  | 3        | 0.107    | 0.009     | 0.107        | 0.098      | 0.000   |
|      | 11  | 1        | 0.115    | 0.135     | 0.115        | 0.046      | 0.066   |
|      | 11  | 2        | 0.107    | 0.135     | 0.107        | 0.046      | 0.074   |
|      | 11  | 3        | 0.157    | 0.135     | 0.157        | 0.046      | 0.024   |
|      | 12  | 1        | 0.228    | 0.315     | 0.228        | 0.046      | 0.133   |
|      | 12  | 2        | 0.327    | 0.315     | 0.327        | 0.046      | 0.034   |
|      | 12  | 3        | 0.464    | 0.347     | 0.464        | 0.118      | 0.000   |
|      | Tot | al       | 24.855   | 9.563     | 24.855       | 15.923     | 0.630   |

| 1994 | L. | Lakitan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 0.433    | 0.038       | 0.686        | 0.395      | 0.000   |
| 1    | 2  |         | 0.741    | 0.038       | 0.995        | 0.703      | 0.000   |
| 1    | 3  |         | 1.447    | 0.041       | 1.726        | 1.406      | 0.000   |
| 2    | 1  |         | 1.383    | 0.041       | 1.663        | 1.342      | 0.000   |
| 2    | 2  |         | 1.490    | 0.041       | 1.770        | 1.449      | 0.000   |
| 2    | 3  |         | 0.897    | 0.033       | 1.121        | 0.864      | 0.000   |
| 3    | 1  |         | 1.674    | 0.038       | 1.927        | 1.636      | 0.000   |
| 3    | 2  |         | 1.121    | 0.038       | 1.375        | 1.084      | 0.000   |
| 3    | 3  |         | 3.336    | 0.041       | 3.616        | 3.295      | 0.000   |
| 4    | 1  |         | 2.046    | 0.046       | 2.361        | 2.000      | 0.000   |
| 4    | 2  |         | 1.446    | 0.046       | 1.762        | 1.400      | 0.000   |
| 4    | 3  |         | 1.066    | 0.046       | 1.382        | 1.021      | 0.000   |
| 5    | 1  |         | 0.749    | 0.044       | 1.055        | 0.705      | 0.000   |
| 5    | 2  |         | 0.554    | 0.044       | 0.860        | 0.510      | 0.000   |
| 5    | 3  |         | 0.495    | 0.049       | 0.831        | 0.446      | 0.000   |
| 6    | 1  |         | 0.384    | 0.046       | 0.700        | 0.338      | 0.000   |
| 6    | 2  |         | 0.292    | 0.046       | 0.608        | 0.246      | 0.000   |
| 6    | 3  |         | 0.216    | 0.046       | 0.522        | 0.170      | 0.000   |
| 7    | 1  |         | 0.194    | 0.044       | 0.461        | 0.150      | 0.000   |
| 7    | 2  |         | 0.176    | 0.044       | 0.408        | 0.132      | 0.000   |
| 7    | 3  |         | 0.175    | 0.049       | 0.396        | 0.127      | 0.000   |
| 8    | 1  |         | 0.190    | 0.037       | 0.317        | 0.153      | 0.000   |
| 8    | 2  |         | 0.154    | 0.037       | 0.281        | 0.117      | 0.000   |
| 8    | 3  |         | 0.133    | 0.040       | 0.272        | 0.092      | 0.000   |
| 9    | 1  |         | 0.210    | 0.006       | 0.218        | 0.204      | 0.000   |
| 9    | 2  |         | 0.186    | 0.006       | 0.194        | 0.180      | 0.000   |
| 9    | 3  |         | 0.163    | 0.006       | 0.171        | 0.157      | 0.000   |
| 10   | 1  |         | 0.143    | 0.006       | 0.152        | 0.138      | 0.000   |
| 10   | 2  |         | 0.127    | 0.006       | 0.135        | 0.121      | 0.000   |
| 10   | 3  |         | 0.121    | 0.006       | 0.131        | 0.115      | 0.000   |
| 11   | 1  |         | 0.079    | 0.032       | 0.137        | 0.057      | 0.010   |
| 11   | 2  |         | 0.078    | 0.032       | 0.129        | 0.057      | 0.011   |
| 11   | 3  |         | 0.095    | 0.032       | 0.185        | 0.063      | 0.000   |
| 12   | 1  |         | 0.124    | 0.038       | 0.271        | 0.087      | 0.000   |
| 12   | 2  |         | 0.161    | 0.038       | 0.387        | 0.123      | 0.000   |
| 12   | 3  |         | 0.270    | 0.041       | 0.549        | 0.229      | 0.000   |
| Tot  | al |         | 22.548   | 1.256       | 29.754       | 21.313     | 0.021   |

  

| 1994 | M. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|---------|----------|-------------|--------------|------------|---------|
| 1    | 1       | 3.672    | 0.072       | 5.219        | 3.600      | 0.000   |
| 1    | 2       | 6.731    | 0.072       | 8.515        | 6.659      | 0.000   |
| 1    | 3       | 7.725    | 0.079       | 9.653        | 7.646      | 0.000   |
| 2    | 1       | 5.602    | 0.079       | 7.268        | 5.522      | 0.000   |
| 2    | 2       | 6.572    | 0.079       | 8.306        | 6.493      | 0.000   |
| 2    | 3       | 3.854    | 0.063       | 5.098        | 3.790      | 0.000   |
| 3    | 1       | 6.447    | 0.072       | 8.073        | 6.375      | 0.000   |
| 3    | 2       | 7.488    | 0.072       | 9.314        | 7.416      | 0.000   |
| 3    | 3       | 12.034   | 0.079       | 14.123       | 11.955     | 0.000   |
| 4    | 1       | 8.980    | 0.089       | 10.974       | 8.891      | 0.000   |
| 4    | 2       | 8.954    | 0.089       | 10.989       | 8.865      | 0.000   |
| 4    | 3       | 6.434    | 0.089       | 8.381        | 6.345      | 0.000   |
| 5    | 1       | 3.834    | 0.086       | 5.547        | 3.748      | 0.000   |
| 5    | 2       | 2.630    | 0.086       | 4.296        | 2.544      | 0.000   |
| 5    | 3       | 2.762    | 0.095       | 4.592        | 2.667      | 0.000   |
| 6    | 1       | 2.257    | 0.089       | 3.972        | 2.168      | 0.000   |
| 6    | 2       | 1.543    | 0.089       | 3.111        | 1.453      | 0.000   |
| 6    | 3       | 1.304    | 0.089       | 2.667        | 1.215      | 0.000   |
| 7    | 1       | 1.191    | 0.086       | 2.413        | 1.105      | 0.000   |
| 7    | 2       | 1.101    | 0.086       | 2.254        | 1.015      | 0.000   |
| 7    | 3       | 1.112    | 0.095       | 2.214        | 1.017      | 0.000   |
| 8    | 1       | 1.000    | 0.070       | 1.815        | 0.930      | 0.000   |
| 8    | 2       | 0.934    | 0.070       | 1.660        | 0.864      | 0.000   |
| 8    | 3       | 0.934    | 0.077       | 1.673        | 0.875      | 0.019   |
| 9    | 1       | 1.215    | 0.004       | 1.373        | 1.211      | 0.000   |
| 9    | 2       | 1.112    | 0.004       | 1.265        | 1.108      | 0.000   |
| 9    | 3       | 1.003    | 0.004       | 1.152        | 0.999      | 0.000   |
| 10   | 1       | 0.937    | 0.004       | 1.058        | 0.933      | 0.000   |
| 10   | 2       | 0.855    | 0.004       | 0.973        | 0.855      | 0.004   |
| 10   | 3       | 0.852    | 0.005       | 0.977        | 0.852      | 0.005   |
| 11   | 1       | 0.601    | 0.060       | 1.001        | 0.601      | 0.060   |
| 11   | 2       | 0.710    | 0.060       | 1.139        | 0.710      | 0.060   |
| 11   | 3       | 1.241    | 0.060       | 2.156        | 1.180      | 0.000   |
| 12   | 1       | 0.908    | 0.072       | 1.906        | 0.836      | 0.000   |
| 12   | 2       | 2.222    | 0.072       | 3.621        | 2.150      | 0.000   |
| 12   | 3       | 3.278    | 0.079       | 4.962        | 3.198      | 0.000   |
| Tot  | al      | 120.030  | 2.386       | 163.709      | 117.792    | 0.148   |

| 1994 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.554    | 0.242    | 1.554     | 1.312        | 0.000      |         |
| 1    | 2  | 1.857    | 0.242    | 1.857     | 1.615        | 0.000      |         |
| 1    | 3  | 1.698    | 0.267    | 1.698     | 1.431        | 0.000      |         |
| 2    | 1  | 1.535    | 0.268    | 1.535     | 1.267        | 0.000      |         |
| 2    | 2  | 1.942    | 0.268    | 1.942     | 1.674        | 0.000      |         |
| 2    | 3  | 2.814    | 0.214    | 2.814     | 2.599        | 0.000      |         |
| 3    | 1  | 4.001    | 0.242    | 4.001     | 3.758        | 0.000      |         |
| 3    | 2  | 2.510    | 0.242    | 2.510     | 2.268        | 0.000      |         |
| 3    | 3  | 2.156    | 0.267    | 2.156     | 1.889        | 0.000      |         |
| 4    | 1  | 1.590    | 0.302    | 1.590     | 1.288        | 0.000      |         |
| 4    | 2  | 1.466    | 0.302    | 1.466     | 1.164        | 0.000      |         |
| 4    | 3  | 1.296    | 0.302    | 1.296     | 0.994        | 0.000      |         |
| 5    | 1  | 1.123    | 0.293    | 1.123     | 0.830        | 0.000      |         |
| 5    | 2  | 0.979    | 0.293    | 0.979     | 0.686        | 0.000      |         |
| 5    | 3  | 0.933    | 0.322    | 0.933     | 0.610        | 0.000      |         |
| 6    | 1  | 0.747    | 0.302    | 0.747     | 0.445        | 0.000      |         |
| 6    | 2  | 0.656    | 0.302    | 0.656     | 0.353        | 0.000      |         |
| 6    | 3  | 0.581    | 0.302    | 0.581     | 0.279        | 0.000      |         |
| 7    | 1  | 0.515    | 0.293    | 0.515     | 0.222        | 0.000      |         |
| 7    | 2  | 0.456    | 0.293    | 0.456     | 0.164        | 0.000      |         |
| 7    | 3  | 0.442    | 0.322    | 0.442     | 0.120        | 0.000      |         |
| 8    | 1  | 0.354    | 0.236    | 0.354     | 0.119        | 0.000      |         |
| 8    | 2  | 0.314    | 0.236    | 0.314     | 0.081        | 0.003      |         |
| 8    | 3  | 0.304    | 0.259    | 0.304     | 0.089        | 0.044      |         |
| 9    | 1  | 0.244    | 0.005    | 0.244     | 0.239        | 0.000      |         |
| 9    | 2  | 0.219    | 0.005    | 0.219     | 0.214        | 0.000      |         |
| 9    | 3  | 0.193    | 0.005    | 0.193     | 0.188        | 0.000      |         |
| 10   | 1  | 0.179    | 0.005    | 0.179     | 0.175        | 0.000      |         |
| 10   | 2  | 0.180    | 0.005    | 0.180     | 0.176        | 0.000      |         |
| 10   | 3  | 0.275    | 0.005    | 0.275     | 0.270        | 0.000      |         |
| 11   | 1  | 0.248    | 0.201    | 0.248     | 0.081        | 0.034      |         |
| 11   | 2  | 0.179    | 0.201    | 0.179     | 0.081        | 0.103      |         |
| 11   | 3  | 0.123    | 0.201    | 0.123     | 0.081        | 0.159      |         |
| 12   | 1  | 0.101    | 0.242    | 0.101     | 0.081        | 0.222      |         |
| 12   | 2  | 0.089    | 0.242    | 0.089     | 0.081        | 0.234      |         |
| 12   | 3  | 0.087    | 0.267    | 0.087     | 0.087        | 0.267      |         |
| Tot  | al | 33.938   | 7.995    | 33.938    | 27.009       | 1.067      |         |

  

| 1994 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.720    | 0.174    | 1.915     | 1.546        | 0.000      |         |
| 1    | 2  | 2.107    | 0.174    | 2.301     | 1.932        | 0.000      |         |
| 1    | 3  | 2.079    | 0.191    | 2.293     | 1.887        | 0.000      |         |
| 2    | 1  | 1.827    | 0.192    | 2.042     | 1.635        | 0.000      |         |
| 2    | 2  | 2.149    | 0.192    | 2.364     | 1.957        | 0.000      |         |
| 2    | 3  | 2.936    | 0.154    | 3.108     | 2.782        | 0.000      |         |
| 3    | 1  | 4.463    | 0.174    | 4.658     | 4.289        | 0.000      |         |
| 3    | 2  | 3.256    | 0.174    | 3.450     | 3.081        | 0.000      |         |
| 3    | 3  | 3.200    | 0.191    | 3.414     | 3.008        | 0.000      |         |
| 4    | 1  | 2.133    | 0.219    | 2.376     | 1.914        | 0.000      |         |
| 4    | 2  | 2.139    | 0.219    | 2.382     | 1.919        | 0.000      |         |
| 4    | 3  | 2.212    | 0.219    | 2.455     | 1.993        | 0.000      |         |
| 5    | 1  | 1.936    | 0.212    | 2.172     | 1.724        | 0.000      |         |
| 5    | 2  | 1.772    | 0.212    | 2.008     | 1.560        | 0.000      |         |
| 5    | 3  | 1.618    | 0.234    | 1.876     | 1.384        | 0.000      |         |
| 6    | 1  | 1.326    | 0.219    | 1.568     | 1.106        | 0.000      |         |
| 6    | 2  | 1.020    | 0.219    | 1.263     | 0.801        | 0.000      |         |
| 6    | 3  | 0.841    | 0.219    | 1.083     | 0.621        | 0.000      |         |
| 7    | 1  | 0.719    | 0.212    | 0.954     | 0.507        | 0.000      |         |
| 7    | 2  | 0.610    | 0.212    | 0.845     | 0.397        | 0.000      |         |
| 7    | 3  | 0.560    | 0.234    | 0.819     | 0.327        | 0.000      |         |
| 8    | 1  | 0.468    | 0.174    | 0.657     | 0.293        | 0.000      |         |
| 8    | 2  | 0.419    | 0.174    | 0.606     | 0.260        | 0.015      |         |
| 8    | 3  | 0.433    | 0.192    | 0.606     | 0.286        | 0.045      |         |
| 9    | 1  | 0.553    | 0.005    | 0.558     | 0.548        | 0.000      |         |
| 9    | 2  | 0.481    | 0.005    | 0.486     | 0.476        | 0.000      |         |
| 9    | 3  | 0.422    | 0.005    | 0.426     | 0.417        | 0.000      |         |
| 10   | 1  | 0.401    | 0.005    | 0.406     | 0.396        | 0.000      |         |
| 10   | 2  | 0.435    | 0.005    | 0.440     | 0.430        | 0.000      |         |
| 10   | 3  | 0.542    | 0.006    | 0.547     | 0.536        | 0.000      |         |
| 11   | 1  | 0.349    | 0.147    | 0.483     | 0.260        | 0.059      |         |
| 11   | 2  | 0.366    | 0.147    | 0.445     | 0.260        | 0.041      |         |
| 11   | 3  | 0.429    | 0.147    | 0.463     | 0.281        | 0.000      |         |
| 12   | 1  | 0.346    | 0.174    | 0.363     | 0.260        | 0.088      |         |
| 12   | 2  | 0.303    | 0.174    | 0.310     | 0.260        | 0.131      |         |
| 12   | 3  | 0.331    | 0.191    | 0.331     | 0.286        | 0.147      |         |
| Tot  | al | 46.900   | 5.803    | 52.475    | 41.622       | 0.526      |         |

| 1994 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 1.603    | 0.328     | 1.603        | 1.275        | 0.000      |         |
| 1    | 2  |          | 1.971    | 0.328     | 1.971        | 1.643        | 0.000      |         |
| 1    | 3  |          | 1.855    | 0.361     | 1.855        | 1.494        | 0.000      |         |
| 2    | 1  |          | 1.551    | 0.363     | 1.551        | 1.188        | 0.000      |         |
| 2    | 2  |          | 1.770    | 0.363     | 1.770        | 1.407        | 0.000      |         |
| 2    | 3  |          | 2.483    | 0.290     | 2.483        | 2.192        | 0.000      |         |
| 3    | 1  |          | 4.062    | 0.328     | 4.062        | 3.734        | 0.000      |         |
| 3    | 2  |          | 3.270    | 0.328     | 3.270        | 2.942        | 0.000      |         |
| 3    | 3  |          | 2.432    | 0.361     | 2.432        | 2.071        | 0.000      |         |
| 4    | 1  |          | 1.819    | 0.470     | 1.819        | 1.349        | 0.000      |         |
| 4    | 2  |          | 1.627    | 0.470     | 1.627        | 1.157        | 0.000      |         |
| 4    | 3  |          | 1.464    | 0.470     | 1.464        | 0.994        | 0.000      |         |
| 5    | 1  |          | 1.287    | 0.455     | 1.287        | 0.831        | 0.000      |         |
| 5    | 2  |          | 1.141    | 0.455     | 1.141        | 0.686        | 0.000      |         |
| 5    | 3  |          | 1.081    | 0.501     | 1.081        | 0.581        | 0.000      |         |
| 6    | 1  |          | 0.867    | 0.470     | 0.867        | 0.397        | 0.000      |         |
| 6    | 2  |          | 0.761    | 0.470     | 0.761        | 0.291        | 0.000      |         |
| 6    | 3  |          | 0.673    | 0.470     | 0.673        | 0.203        | 0.000      |         |
| 7    | 1  |          | 0.596    | 0.455     | 0.596        | 0.141        | 0.000      |         |
| 7    | 2  |          | 0.528    | 0.455     | 0.528        | 0.073        | 0.000      |         |
| 7    | 3  |          | 0.512    | 0.501     | 0.512        | 0.059        | 0.048      |         |
| 8    | 1  |          | 0.410    | 0.451     | 0.410        | 0.054        | 0.095      |         |
| 8    | 2  |          | 0.363    | 0.451     | 0.363        | 0.054        | 0.142      |         |
| 8    | 3  |          | 0.352    | 0.496     | 0.352        | 0.059        | 0.203      |         |
| 9    | 1  |          | 0.282    | 0.002     | 0.282        | 0.280        | 0.000      |         |
| 9    | 2  |          | 0.252    | 0.002     | 0.252        | 0.251        | 0.000      |         |
| 9    | 3  |          | 0.224    | 0.002     | 0.224        | 0.222        | 0.000      |         |
| 10   | 1  |          | 0.206    | 0.002     | 0.206        | 0.204        | 0.000      |         |
| 10   | 2  |          | 0.200    | 0.002     | 0.200        | 0.199        | 0.000      |         |
| 10   | 3  |          | 0.281    | 0.002     | 0.281        | 0.279        | 0.000      |         |
| 11   | 1  |          | 0.272    | 0.335     | 0.272        | 0.054        | 0.117      |         |
| 11   | 2  |          | 0.220    | 0.335     | 0.220        | 0.054        | 0.169      |         |
| 11   | 3  |          | 0.176    | 0.335     | 0.176        | 0.054        | 0.214      |         |
| 12   | 1  |          | 0.139    | 0.328     | 0.139        | 0.054        | 0.243      |         |
| 12   | 2  |          | 0.119    | 0.328     | 0.119        | 0.054        | 0.263      |         |
| 12   | 3  |          | 0.116    | 0.361     | 0.116        | 0.059        | 0.304      |         |
| Tot  | al |          | 36.966   | 12.125    | 36.966       | 26.638       | 1.797      |         |
|      |    |          |          |           |              |              |            |         |
| 1994 |    | U.       | Lematang | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 5.996    | 0.475     | 5.996        | 5.521        | 0.000      |         |
| 1    | 2  |          | 4.807    | 0.475     | 4.807        | 4.333        | 0.000      |         |
| 1    | 3  |          | 1.751    | 0.522     | 1.751        | 1.228        | 0.000      |         |
| 2    | 1  |          | 4.529    | 0.523     | 4.529        | 4.006        | 0.000      |         |
| 2    | 2  |          | 3.226    | 0.523     | 3.226        | 2.703        | 0.000      |         |
| 2    | 3  |          | 2.826    | 0.418     | 2.826        | 2.407        | 0.000      |         |
| 3    | 1  |          | 3.204    | 0.475     | 3.204        | 2.729        | 0.000      |         |
| 3    | 2  |          | 4.246    | 0.475     | 4.246        | 3.771        | 0.000      |         |
| 3    | 3  |          | 4.126    | 0.522     | 4.126        | 3.603        | 0.000      |         |
| 4    | 1  |          | 2.609    | 0.521     | 2.609        | 2.089        | 0.000      |         |
| 4    | 2  |          | 4.580    | 0.521     | 4.580        | 4.059        | 0.000      |         |
| 4    | 3  |          | 2.458    | 0.521     | 2.458        | 1.937        | 0.000      |         |
| 5    | 1  |          | 2.237    | 0.505     | 2.237        | 1.732        | 0.000      |         |
| 5    | 2  |          | 1.796    | 0.505     | 1.796        | 1.292        | 0.000      |         |
| 5    | 3  |          | 1.336    | 0.555     | 1.336        | 0.781        | 0.000      |         |
| 6    | 1  |          | 1.210    | 0.521     | 1.210        | 0.689        | 0.000      |         |
| 6    | 2  |          | 1.095    | 0.521     | 1.095        | 0.574        | 0.000      |         |
| 6    | 3  |          | 0.969    | 0.521     | 0.969        | 0.448        | 0.000      |         |
| 7    | 1  |          | 0.913    | 0.505     | 0.913        | 0.408        | 0.000      |         |
| 7    | 2  |          | 0.875    | 0.505     | 0.875        | 0.370        | 0.000      |         |
| 7    | 3  |          | 0.887    | 0.555     | 0.887        | 0.332        | 0.000      |         |
| 8    | 1  |          | 0.760    | 0.505     | 0.760        | 0.255        | 0.000      |         |
| 8    | 2  |          | 0.717    | 0.505     | 0.717        | 0.240        | 0.028      |         |
| 8    | 3  |          | 0.736    | 0.555     | 0.736        | 0.264        | 0.083      |         |
| 9    | 1  |          | 0.628    | 0.028     | 0.628        | 0.600        | 0.000      |         |
| 9    | 2  |          | 0.596    | 0.028     | 0.596        | 0.568        | 0.000      |         |
| 9    | 3  |          | 0.557    | 0.028     | 0.557        | 0.529        | 0.000      |         |
| 10   | 1  |          | 0.528    | 0.028     | 0.528        | 0.500        | 0.000      |         |
| 10   | 2  |          | 0.502    | 0.028     | 0.502        | 0.474        | 0.000      |         |
| 10   | 3  |          | 0.539    | 0.031     | 0.539        | 0.508        | 0.000      |         |
| 11   | 1  |          | 0.546    | 0.490     | 0.546        | 0.240        | 0.184      |         |
| 11   | 2  |          | 0.522    | 0.490     | 0.522        | 0.240        | 0.208      |         |
| 11   | 3  |          | 0.671    | 0.490     | 0.671        | 0.240        | 0.059      |         |
| 12   | 1  |          | 0.767    | 0.475     | 0.767        | 0.292        | 0.000      |         |
| 12   | 2  |          | 0.844    | 0.475     | 0.844        | 0.370        | 0.000      |         |
| 12   | 3  |          | 0.976    | 0.522     | 0.976        | 0.453        | 0.000      |         |
| Tot  | al |          | 65.566   | 15.340    | 65.566       | 50.787       | 0.562      |         |

| 1994 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 11.208               | 0.420       | 11.594       | 10.788     | 0.000   |
| 1    | 2  | 9.565                | 0.420       | 9.950        | 9.145      | 0.000   |
| 1    | 3  | 6.098                | 0.462       | 6.522        | 5.636      | 0.000   |
| 2    | 1  | 8.445                | 0.464       | 8.869        | 7.982      | 0.000   |
| 2    | 2  | 6.469                | 0.464       | 6.893        | 6.005      | 0.000   |
| 2    | 3  | 5.079                | 0.371       | 5.418        | 4.708      | 0.000   |
| 3    | 1  | 6.113                | 0.420       | 6.499        | 5.693      | 0.000   |
| 3    | 2  | 7.240                | 0.420       | 7.625        | 6.820      | 0.000   |
| 3    | 3  | 7.789                | 0.462       | 8.213        | 7.328      | 0.000   |
| 4    | 1  | 6.013                | 0.566       | 6.435        | 5.447      | 0.000   |
| 4    | 2  | 7.807                | 0.566       | 8.230        | 7.242      | 0.000   |
| 4    | 3  | 5.666                | 0.566       | 6.088        | 5.100      | 0.000   |
| 5    | 1  | 4.286                | 0.548       | 4.695        | 3.738      | 0.000   |
| 5    | 2  | 3.277                | 0.548       | 3.686        | 2.729      | 0.000   |
| 5    | 3  | 2.624                | 0.602       | 3.075        | 2.022      | 0.000   |
| 6    | 1  | 2.172                | 0.566       | 2.595        | 1.607      | 0.000   |
| 6    | 2  | 1.911                | 0.566       | 2.333        | 1.345      | 0.000   |
| 6    | 3  | 1.632                | 0.566       | 2.055        | 1.067      | 0.000   |
| 7    | 1  | 1.460                | 0.548       | 1.869        | 0.912      | 0.000   |
| 7    | 2  | 1.312                | 0.548       | 1.722        | 0.765      | 0.000   |
| 7    | 3  | 1.258                | 0.602       | 1.708        | 0.655      | 0.000   |
| 8    | 1  | 1.008                | 0.548       | 1.417        | 0.460      | 0.000   |
| 8    | 2  | 0.912                | 0.548       | 1.299        | 0.366      | 0.001   |
| 8    | 3  | 0.917                | 0.602       | 1.301        | 0.403      | 0.088   |
| 9    | 1  | 1.052                | 0.009       | 1.081        | 1.043      | 0.000   |
| 9    | 2  | 0.969                | 0.009       | 0.998        | 0.960      | 0.000   |
| 9    | 3  | 0.885                | 0.009       | 0.913        | 0.875      | 0.000   |
| 10   | 1  | 0.815                | 0.009       | 0.843        | 0.806      | 0.000   |
| 10   | 2  | 0.754                | 0.009       | 0.782        | 0.745      | 0.000   |
| 10   | 3  | 0.779                | 0.010       | 0.810        | 0.769      | 0.000   |
| 11   | 1  | 0.543                | 0.433       | 0.794        | 0.366      | 0.256   |
| 11   | 2  | 0.577                | 0.433       | 0.808        | 0.366      | 0.223   |
| 11   | 3  | 0.755                | 0.433       | 1.106        | 0.366      | 0.044   |
| 12   | 1  | 1.046                | 0.420       | 1.432        | 0.626      | 0.000   |
| 12   | 2  | 1.523                | 0.420       | 1.908        | 1.103      | 0.000   |
| 12   | 3  | 2.015                | 0.462       | 2.439        | 1.554      | 0.000   |
| Tot  | al | 121.976              | 15.047      | 134.004      | 107.542    | 0.612   |
|      |    |                      |             |              |            |         |
| 1994 |    | U. Ogan<br>Water R.  | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 4.410                | 0.354       | 4.410        | 4.055      | 0.000   |
| 1    | 2  | 4.192                | 0.354       | 4.192        | 3.837      | 0.000   |
| 1    | 3  | 3.721                | 0.390       | 3.721        | 3.332      | 0.000   |
| 2    | 1  | 3.234                | 0.388       | 3.234        | 2.846      | 0.000   |
| 2    | 2  | 3.182                | 0.388       | 3.182        | 2.793      | 0.000   |
| 2    | 3  | 1.945                | 0.311       | 1.945        | 1.634      | 0.000   |
| 3    | 1  | 2.743                | 0.354       | 2.743        | 2.389      | 0.000   |
| 3    | 2  | 3.540                | 0.354       | 3.540        | 3.186      | 0.000   |
| 3    | 3  | 4.434                | 0.390       | 4.434        | 4.044      | 0.000   |
| 4    | 1  | 3.251                | 0.379       | 3.251        | 2.872      | 0.000   |
| 4    | 2  | 3.360                | 0.379       | 3.360        | 2.980      | 0.000   |
| 4    | 3  | 3.584                | 0.379       | 3.584        | 3.204      | 0.000   |
| 5    | 1  | 2.113                | 0.368       | 2.113        | 1.745      | 0.000   |
| 5    | 2  | 1.849                | 0.368       | 1.849        | 1.481      | 0.000   |
| 5    | 3  | 1.519                | 0.405       | 1.519        | 1.113      | 0.000   |
| 6    | 1  | 1.255                | 0.379       | 1.255        | 0.876      | 0.000   |
| 6    | 2  | 1.057                | 0.379       | 1.057        | 0.678      | 0.000   |
| 6    | 3  | 0.933                | 0.379       | 0.933        | 0.554      | 0.000   |
| 7    | 1  | 0.832                | 0.368       | 0.832        | 0.463      | 0.000   |
| 7    | 2  | 0.733                | 0.368       | 0.733        | 0.365      | 0.000   |
| 7    | 3  | 0.710                | 0.405       | 0.710        | 0.305      | 0.000   |
| 8    | 1  | 0.569                | 0.105       | 0.569        | 0.464      | 0.000   |
| 8    | 2  | 0.504                | 0.105       | 0.504        | 0.399      | 0.000   |
| 8    | 3  | 0.488                | 0.116       | 0.488        | 0.373      | 0.000   |
| 9    | 1  | 0.391                | 0.037       | 0.391        | 0.354      | 0.000   |
| 9    | 2  | 0.347                | 0.037       | 0.347        | 0.310      | 0.000   |
| 9    | 3  | 0.313                | 0.037       | 0.313        | 0.275      | 0.000   |
| 10   | 1  | 0.273                | 0.037       | 0.273        | 0.236      | 0.000   |
| 10   | 2  | 0.244                | 0.037       | 0.244        | 0.206      | 0.000   |
| 10   | 3  | 0.234                | 0.041       | 0.234        | 0.193      | 0.000   |
| 11   | 1  | 0.192                | 0.141       | 0.192        | 0.116      | 0.065   |
| 11   | 2  | 0.248                | 0.141       | 0.248        | 0.116      | 0.009   |
| 11   | 3  | 0.392                | 0.141       | 0.392        | 0.251      | 0.000   |
| 12   | 1  | 0.606                | 0.354       | 0.606        | 0.252      | 0.000   |
| 12   | 2  | 0.946                | 0.354       | 0.946        | 0.592      | 0.000   |
| 12   | 3  | 1.518                | 0.390       | 1.518        | 1.129      | 0.000   |
| Tot  | al | 59.862               | 9.918       | 59.862       | 50.018     | 0.073   |

| 1994 |     | L. Ogan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|----------|----------|-----------|--------------|------------|---------|
|      | 1   |          | 10.290   | 0.586     | 10.581       | 9.704      | 0.000   |
|      | 1   | 2        | 9.044    | 0.586     | 9.335        | 8.458      | 0.000   |
|      | 1   | 3        | 7.269    | 0.644     | 7.589        | 6.625      | 0.000   |
|      | 2   | 1        | 6.430    | 0.647     | 6.748        | 5.783      | 0.000   |
|      | 2   | 2        | 6.060    | 0.647     | 6.378        | 5.412      | 0.000   |
|      | 2   | 3        | 3.666    | 0.518     | 3.921        | 3.148      | 0.000   |
|      | 3   | 1        | 4.859    | 0.586     | 5.150        | 4.273      | 0.000   |
|      | 3   | 2        | 6.106    | 0.586     | 6.397        | 5.520      | 0.000   |
|      | 3   | 3        | 7.636    | 0.644     | 7.956        | 6.991      | 0.000   |
|      | 4   | 1        | 6.615    | 0.163     | 6.926        | 6.453      | 0.000   |
|      | 4   | 2        | 6.663    | 0.163     | 6.974        | 6.500      | 0.000   |
|      | 4   | 3        | 7.144    | 0.163     | 7.455        | 6.981      | 0.000   |
|      | 5   | 1        | 4.647    | 0.158     | 4.949        | 4.490      | 0.000   |
|      | 5   | 2        | 3.506    | 0.158     | 3.808        | 3.348      | 0.000   |
|      | 5   | 3        | 2.947    | 0.174     | 3.279        | 2.773      | 0.000   |
|      | 6   | 1        | 2.335    | 0.163     | 2.646        | 2.172      | 0.000   |
|      | 6   | 2        | 1.967    | 0.163     | 2.278        | 1.804      | 0.000   |
|      | 6   | 3        | 1.695    | 0.163     | 2.005        | 1.532      | 0.000   |
|      | 7   | 1        | 1.500    | 0.158     | 1.802        | 1.342      | 0.000   |
|      | 7   | 2        | 1.286    | 0.158     | 1.589        | 1.129      | 0.000   |
|      | 7   | 3        | 1.195    | 0.174     | 1.527        | 1.021      | 0.000   |
|      | 8   | 1        | 1.130    | 0.122     | 1.221        | 1.008      | 0.000   |
|      | 8   | 2        | 0.990    | 0.122     | 1.082        | 0.869      | 0.000   |
|      | 8   | 3        | 0.948    | 0.134     | 1.049        | 0.814      | 0.000   |
|      | 9   | 1        | 0.802    | 0.009     | 0.840        | 0.793      | 0.000   |
|      | 9   | 2        | 0.708    | 0.009     | 0.745        | 0.698      | 0.000   |
|      | 9   | 3        | 0.629    | 0.009     | 0.666        | 0.619      | 0.000   |
|      | 10  | 1        | 0.548    | 0.009     | 0.585        | 0.539      | 0.000   |
|      | 10  | 2        | 0.484    | 0.009     | 0.521        | 0.475      | 0.000   |
|      | 10  | 3        | 0.462    | 0.010     | 0.503        | 0.451      | 0.000   |
|      | 11  | 1        | 0.340    | 0.574     | 0.408        | 0.257      | 0.492   |
|      | 11  | 2        | 0.384    | 0.574     | 0.497        | 0.257      | 0.447   |
|      | 11  | 3        | 0.660    | 0.574     | 0.780        | 0.257      | 0.171   |
|      | 12  | 1        | 0.842    | 0.586     | 1.133        | 0.257      | 0.000   |
|      | 12  | 2        | 1.387    | 0.586     | 1.678        | 0.802      | 0.000   |
|      | 12  | 3        | 2.014    | 0.644     | 2.334        | 1.369      | 0.000   |
|      | Tot | al       | 115.186  | 11.371    | 123.332      | 104.925    | 1.111   |
|      |     |          |          |           |              |            |         |
| 1994 | U.  | Komering | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|      | 1   |          | 2.693    | 0.884     | 2.693        | 1.810      | 0.000   |
|      | 1   | 2        | 5.235    | 0.884     | 5.235        | 4.352      | 0.000   |
|      | 1   | 3        | 4.102    | 0.972     | 4.102        | 3.130      | 0.000   |
|      | 2   | 1        | 3.276    | 0.973     | 3.276        | 2.303      | 0.000   |
|      | 2   | 2        | 3.656    | 0.973     | 3.656        | 2.683      | 0.000   |
|      | 2   | 3        | 2.079    | 0.778     | 2.079        | 1.301      | 0.000   |
|      | 3   | 1        | 2.833    | 0.884     | 2.833        | 1.949      | 0.000   |
|      | 3   | 2        | 3.728    | 0.884     | 3.728        | 2.844      | 0.000   |
|      | 3   | 3        | 3.210    | 0.972     | 3.210        | 2.238      | 0.000   |
|      | 4   | 1        | 2.545    | 1.094     | 2.545        | 1.451      | 0.000   |
|      | 4   | 2        | 2.075    | 1.094     | 2.075        | 0.981      | 0.000   |
|      | 4   | 3        | 3.354    | 1.094     | 3.354        | 2.260      | 0.000   |
|      | 5   | 1        | 3.003    | 1.060     | 3.003        | 1.942      | 0.000   |
|      | 5   | 2        | 1.773    | 1.060     | 1.773        | 0.713      | 0.000   |
|      | 5   | 3        | 1.777    | 1.166     | 1.777        | 0.611      | 0.000   |
|      | 6   | 1        | 1.546    | 1.094     | 1.546        | 0.452      | 0.000   |
|      | 6   | 2        | 1.182    | 1.094     | 1.182        | 0.350      | 0.261   |
|      | 6   | 3        | 0.951    | 1.094     | 0.951        | 0.350      | 0.493   |
|      | 7   | 1        | 1.043    | 1.060     | 1.043        | 0.350      | 0.367   |
|      | 7   | 2        | 0.813    | 1.060     | 0.813        | 0.350      | 0.597   |
|      | 7   | 3        | 0.775    | 1.166     | 0.775        | 0.385      | 0.777   |
|      | 8   | 1        | 0.620    | 0.053     | 0.620        | 0.567      | 0.000   |
|      | 8   | 2        | 0.550    | 0.053     | 0.550        | 0.497      | 0.000   |
|      | 8   | 3        | 0.535    | 0.058     | 0.535        | 0.477      | 0.000   |
|      | 9   | 1        | 0.427    | 0.053     | 0.427        | 0.374      | 0.000   |
|      | 9   | 2        | 0.382    | 0.053     | 0.382        | 0.350      | 0.021   |
|      | 9   | 3        | 0.342    | 0.053     | 0.342        | 0.342      | 0.053   |
|      | 10  | 1        | 0.298    | 0.053     | 0.298        | 0.298      | 0.053   |
|      | 10  | 2        | 0.284    | 0.053     | 0.284        | 0.284      | 0.053   |
|      | 10  | 3        | 0.259    | 0.058     | 0.259        | 0.259      | 0.058   |
|      | 11  | 1        | 0.212    | 0.053     | 0.212        | 0.212      | 0.053   |
|      | 11  | 2        | 0.313    | 0.053     | 0.313        | 0.313      | 0.053   |
|      | 11  | 3        | 0.455    | 0.053     | 0.455        | 0.402      | 0.000   |
|      | 12  | 1        | 0.562    | 0.884     | 0.562        | 0.350      | 0.671   |
|      | 12  | 2        | 0.752    | 0.884     | 0.752        | 0.350      | 0.482   |
|      | 12  | 3        | 1.793    | 0.972     | 1.793        | 0.821      | 0.000   |
|      | Tot | al       | 59.432   | 24.720    | 59.432       | 38.702     | 3.990   |

| 1994 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 7.573                | 0.964       | 8.357        | 6.608      | 0.000   |
| 1    | 2  | 9.363                | 0.964       | 10.147       | 8.399      | 0.000   |
| 1    | 3  | 8.506                | 1.061       | 9.369        | 7.446      | 0.000   |
| 2    | 1  | 6.576                | 1.063       | 7.438        | 5.513      | 0.000   |
| 2    | 2  | 6.862                | 1.063       | 7.724        | 5.799      | 0.000   |
| 2    | 3  | 3.714                | 0.851       | 4.403        | 2.863      | 0.000   |
| 3    | 1  | 4.529                | 0.964       | 5.313        | 3.564      | 0.000   |
| 3    | 2  | 6.526                | 0.964       | 7.310        | 5.562      | 0.000   |
| 3    | 3  | 7.837                | 1.061       | 8.699        | 6.776      | 0.000   |
| 4    | 1  | 6.409                | 1.295       | 7.378        | 5.114      | 0.000   |
| 4    | 2  | 5.432                | 1.295       | 6.401        | 4.136      | 0.000   |
| 4    | 3  | 7.747                | 1.295       | 8.716        | 6.452      | 0.000   |
| 5    | 1  | 5.994                | 1.255       | 6.934        | 4.740      | 0.000   |
| 5    | 2  | 4.106                | 1.255       | 5.046        | 2.851      | 0.000   |
| 5    | 3  | 3.288                | 1.380       | 4.321        | 1.907      | 0.000   |
| 6    | 1  | 2.543                | 1.295       | 3.512        | 1.248      | 0.000   |
| 6    | 2  | 2.157                | 1.295       | 2.896        | 0.862      | 0.000   |
| 6    | 3  | 1.928                | 1.295       | 2.464        | 0.633      | 0.000   |
| 7    | 1  | 1.759                | 1.255       | 2.375        | 0.546      | 0.042   |
| 7    | 2  | 1.575                | 1.255       | 1.989        | 0.546      | 0.226   |
| 7    | 3  | 1.563                | 1.380       | 1.913        | 0.601      | 0.418   |
| 8    | 1  | 1.479                | 1.003       | 1.531        | 0.546      | 0.071   |
| 8    | 2  | 1.305                | 1.003       | 1.357        | 0.546      | 0.245   |
| 8    | 3  | 1.260                | 1.104       | 1.318        | 0.601      | 0.444   |
| 9    | 1  | 1.001                | 0.041       | 1.054        | 0.960      | 0.000   |
| 9    | 2  | 0.905                | 0.041       | 0.937        | 0.864      | 0.000   |
| 9    | 3  | 0.841                | 0.041       | 0.841        | 0.800      | 0.000   |
| 10   | 1  | 0.737                | 0.041       | 0.737        | 0.696      | 0.000   |
| 10   | 2  | 0.674                | 0.041       | 0.674        | 0.633      | 0.000   |
| 10   | 3  | 0.643                | 0.045       | 0.643        | 0.601      | 0.003   |
| 11   | 1  | 0.524                | 0.781       | 0.524        | 0.524      | 0.781   |
| 11   | 2  | 0.769                | 0.781       | 0.769        | 0.546      | 0.558   |
| 11   | 3  | 1.344                | 0.781       | 1.397        | 0.563      | 0.000   |
| 12   | 1  | 2.699                | 0.964       | 2.892        | 1.735      | 0.000   |
| 12   | 2  | 3.713                | 0.964       | 4.073        | 2.749      | 0.000   |
| 12   | 3  | 4.847                | 1.061       | 5.709        | 3.786      | 0.000   |
| Tot  | al | 128.729              | 33.201      | 147.161      | 98.315     | 2.786   |

  

| 1994 | L. | Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|------------------|-------------|--------------|------------|---------|
| 1    | 1  | 39.398           | 0.914       | 44.540       | 38.485     | 0.000   |
| 1    | 2  | 41.835           | 0.914       | 47.213       | 40.921     | 0.000   |
| 1    | 3  | 35.380           | 1.005       | 41.262       | 34.375     | 0.000   |
| 2    | 1  | 31.814           | 0.980       | 37.439       | 30.834     | 0.000   |
| 2    | 2  | 31.201           | 0.980       | 36.894       | 30.221     | 0.000   |
| 2    | 3  | 22.879           | 0.784       | 27.291       | 22.095     | 0.000   |
| 3    | 1  | 32.722           | 0.914       | 37.942       | 31.808     | 0.000   |
| 3    | 2  | 36.502           | 0.914       | 41.923       | 35.589     | 0.000   |
| 3    | 3  | 44.003           | 1.005       | 50.046       | 42.998     | 0.000   |
| 4    | 1  | 33.964           | 1.168       | 40.002       | 32.797     | 0.000   |
| 4    | 2  | 34.635           | 1.168       | 40.714       | 33.467     | 0.000   |
| 4    | 3  | 32.725           | 1.168       | 38.716       | 31.557     | 0.000   |
| 5    | 1  | 23.465           | 1.139       | 29.097       | 22.325     | 0.000   |
| 5    | 2  | 17.113           | 1.139       | 22.698       | 15.973     | 0.000   |
| 5    | 3  | 14.521           | 1.253       | 20.663       | 13.267     | 0.000   |
| 6    | 1  | 11.383           | 1.168       | 17.142       | 10.215     | 0.000   |
| 6    | 2  | 8.976            | 1.168       | 14.358       | 7.809      | 0.000   |
| 6    | 3  | 7.473            | 1.168       | 12.445       | 6.305      | 0.000   |
| 7    | 1  | 6.581            | 1.139       | 11.365       | 5.442      | 0.000   |
| 7    | 2  | 5.761            | 1.139       | 10.128       | 4.621      | 0.000   |
| 7    | 3  | 5.391            | 1.253       | 9.842        | 4.672      | 0.534   |
| 8    | 1  | 4.696            | 1.128       | 7.971        | 4.323      | 0.756   |
| 8    | 2  | 4.225            | 1.128       | 7.213        | 3.939      | 0.842   |
| 8    | 3  | 4.278            | 1.241       | 7.152        | 4.019      | 0.983   |
| 9    | 1  | 5.634            | 0.298       | 5.985        | 5.336      | 0.000   |
| 9    | 2  | 5.055            | 0.298       | 5.381        | 4.757      | 0.000   |
| 9    | 3  | 4.548            | 0.298       | 4.838        | 4.250      | 0.000   |
| 10   | 1  | 4.152            | 0.298       | 4.413        | 3.853      | 0.000   |
| 10   | 2  | 3.928            | 0.298       | 4.182        | 3.684      | 0.054   |
| 10   | 3  | 4.121            | 0.328       | 4.393        | 3.886      | 0.093   |
| 11   | 1  | 2.758            | 0.925       | 4.035        | 2.577      | 0.743   |
| 11   | 2  | 3.001            | 0.925       | 4.498        | 2.820      | 0.743   |
| 11   | 3  | 3.868            | 0.925       | 6.799        | 3.415      | 0.471   |
| 12   | 1  | 4.955            | 0.914       | 8.598        | 4.748      | 0.707   |
| 12   | 2  | 8.470            | 0.914       | 12.538       | 7.556      | 0.000   |
| 12   | 3  | 11.692           | 1.005       | 16.755       | 10.687     | 0.000   |
| Tot  | al | 593.100          | 33.401      | 736.473      | 565.627    | 5.928   |

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| 1994 | Mu | si Mouth | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  |          | 44.063   | 0.491       | 50.119       | 43.669     | 0.000   |
| 1    | 2  |          | 45.180   | 0.491       | 51.472       | 44.786     | 0.000   |
| 1    | 3  |          | 38.470   | 0.540       | 45.357       | 38.037     | 0.000   |
| 2    | 1  |          | 34.865   | 0.543       | 41.469       | 34.429     | 0.000   |
| 2    | 2  |          | 33.700   | 0.543       | 40.373       | 33.265     | 0.000   |
| 2    | 3  |          | 24.575   | 0.434       | 29.771       | 24.227     | 0.000   |
| 3    | 1  |          | 35.196   | 0.491       | 41.330       | 34.802     | 0.000   |
| 3    | 2  |          | 39.639   | 0.491       | 45.973       | 39.245     | 0.000   |
| 3    | 3  |          | 48.012   | 0.540       | 55.060       | 47.578     | 0.000   |
| 4    | 1  |          | 37.094   | 0.705       | 44.299       | 36.529     | 0.000   |
| 4    | 2  |          | 37.429   | 0.705       | 44.676       | 36.864     | 0.000   |
| 4    | 3  |          | 36.548   | 0.705       | 43.706       | 35.982     | 0.000   |
| 5    | 1  |          | 26.180   | 0.683       | 32.951       | 25.632     | 0.000   |
| 5    | 2  |          | 18.610   | 0.683       | 25.335       | 18.062     | 0.000   |
| 5    | 3  |          | 15.681   | 0.751       | 23.076       | 15.078     | 0.000   |
| 6    | 1  |          | 12.169   | 0.705       | 19.096       | 11.603     | 0.000   |
| 6    | 2  |          | 9.541    | 0.705       | 16.090       | 8.975      | 0.000   |
| 6    | 3  |          | 7.801    | 0.705       | 13.941       | 7.236      | 0.000   |
| 7    | 1  |          | 6.939    | 0.683       | 12.863       | 6.392      | 0.000   |
| 7    | 2  |          | 5.922    | 0.683       | 11.428       | 5.375      | 0.000   |
| 7    | 3  |          | 5.904    | 0.751       | 11.074       | 5.302      | 0.000   |
| 8    | 1  |          | 5.306    | 0.671       | 8.954        | 4.768      | 0.000   |
| 8    | 2  |          | 4.812    | 0.671       | 8.087        | 4.274      | 0.000   |
| 8    | 3  |          | 4.864    | 0.738       | 7.997        | 4.345      | 0.092   |
| 9    | 1  |          | 6.012    | 0.007       | 6.661        | 6.005      | 0.000   |
| 9    | 2  |          | 5.356    | 0.007       | 5.980        | 5.349      | 0.000   |
| 9    | 3  |          | 4.781    | 0.007       | 5.369        | 4.774      | 0.000   |
| 10   | 1  |          | 4.324    | 0.007       | 4.884        | 4.317      | 0.000   |
| 10   | 2  |          | 4.120    | 0.007       | 4.618        | 4.113      | 0.000   |
| 10   | 3  |          | 4.342    | 0.007       | 4.850        | 4.335      | 0.000   |
| 11   | 1  |          | 3.230    | 0.497       | 4.687        | 3.230      | 0.497   |
| 11   | 2  |          | 4.162    | 0.497       | 5.839        | 3.898      | 0.170   |
| 11   | 3  |          | 4.800    | 0.497       | 8.184        | 4.401      | 0.000   |
| 12   | 1  |          | 6.517    | 0.491       | 10.366       | 6.123      | 0.000   |
| 12   | 2  |          | 10.316   | 0.491       | 15.298       | 9.922      | 0.000   |
| 12   | 3  |          | 13.260   | 0.540       | 19.329       | 12.827     | 0.000   |
| Tot  | al |          | 649.718  | 18.159      | 820.564      | 635.749    | 0.759   |
|      |    |          |          |             |              |            |         |
| 1995 |    | U. Musi  | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 3.181    | 0.954       | 3.114        | 2.291      | 0.000   |
| 1    | 2  |          | 4.800    | 1.221       | 4.733        | 3.643      | 0.000   |
| 1    | 3  |          | 5.928    | 1.373       | 5.853        | 4.624      | 0.000   |
| 2    | 1  |          | 7.295    | 1.418       | 7.220        | 5.947      | 0.000   |
| 2    | 2  |          | 3.675    | 1.211       | 3.600        | 2.534      | 0.000   |
| 2    | 3  |          | 5.397    | 1.135       | 5.337        | 4.318      | 0.000   |
| 3    | 1  |          | 2.397    | 0.998       | 2.330        | 1.463      | 0.000   |
| 3    | 2  |          | 3.934    | 1.174       | 3.867        | 2.824      | 0.000   |
| 3    | 3  |          | 3.943    | 1.155       | 3.868        | 2.858      | 0.000   |
| 4    | 1  |          | 3.267    | 1.141       | 3.182        | 2.206      | 0.000   |
| 4    | 2  |          | 3.518    | 1.250       | 3.433        | 2.347      | 0.000   |
| 4    | 3  |          | 8.374    | 1.514       | 8.290        | 6.940      | 0.000   |
| 5    | 1  |          | 4.210    | 1.347       | 4.128        | 2.941      | 0.000   |
| 5    | 2  |          | 1.894    | 1.037       | 1.812        | 0.934      | 0.000   |
| 5    | 3  |          | 2.491    | 1.276       | 2.401        | 1.301      | 0.000   |
| 6    | 1  |          | 1.890    | 1.109       | 1.805        | 0.860      | 0.000   |
| 6    | 2  |          | 1.671    | 1.051       | 1.586        | 0.699      | 0.000   |
| 6    | 3  |          | 1.926    | 1.121       | 1.841        | 0.884      | 0.000   |
| 7    | 1  |          | 1.668    | 1.061       | 1.586        | 0.685      | 0.000   |
| 7    | 2  |          | 1.639    | 1.066       | 1.557        | 0.650      | 0.000   |
| 7    | 3  |          | 1.713    | 1.162       | 1.622        | 0.663      | 0.034   |
| 8    | 1  |          | 1.295    | 0.924       | 1.229        | 0.577      | 0.161   |
| 8    | 2  |          | 1.194    | 0.909       | 1.128        | 0.560      | 0.247   |
| 8    | 3  |          | 1.215    | 0.984       | 1.142        | 0.599      | 0.355   |
| 9    | 1  |          | 1.215    | 0.189       | 1.215        | 1.027      | 0.000   |
| 9    | 2  |          | 0.958    | 0.165       | 0.958        | 0.793      | 0.000   |
| 9    | 3  |          | 1.001    | 0.173       | 1.001        | 0.828      | 0.000   |
| 10   | 1  |          | 1.052    | 0.168       | 1.052        | 0.884      | 0.000   |
| 10   | 2  |          | 0.999    | 0.164       | 0.999        | 0.835      | 0.000   |
| 10   | 3  |          | 1.413    | 0.219       | 1.413        | 1.194      | 0.000   |
| 11   | 1  |          | 1.403    | 0.803       | 1.346        | 0.666      | 0.000   |
| 11   | 2  |          | 1.556    | 0.839       | 1.500        | 0.782      | 0.000   |
| 11   | 3  |          | 1.069    | 0.778       | 1.013        | 0.550      | 0.240   |
| 12   | 1  |          | 1.240    | 0.834       | 1.172        | 0.570      | 0.127   |
| 12   | 2  |          | 1.616    | 0.864       | 1.549        | 0.816      | 0.000   |
| 12   | 3  |          | 1.874    | 0.941       | 1.800        | 1.003      | 0.000   |
| Tot  | al |          | 93.914   | 33.729      | 91.683       | 63.293     | 1.164   |



| 1995 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.594   | 0.295    | 0.594     | 0.298        | 0.000      |         |
| 1    | 2  | 1.229   | 0.295    | 1.229     | 0.934        | 0.000      |         |
| 1    | 3  | 1.781   | 0.325    | 1.781     | 1.456        | 0.000      |         |
| 2    | 1  | 1.503   | 0.325    | 1.503     | 1.178        | 0.000      |         |
| 2    | 2  | 0.932   | 0.325    | 0.932     | 0.607        | 0.000      |         |
| 2    | 3  | 0.557   | 0.260    | 0.557     | 0.297        | 0.000      |         |
| 3    | 1  | 0.709   | 0.295    | 0.709     | 0.414        | 0.000      |         |
| 3    | 2  | 0.899   | 0.295    | 0.899     | 0.604        | 0.000      |         |
| 3    | 3  | 1.070   | 0.325    | 1.070     | 0.745        | 0.000      |         |
| 4    | 1  | 0.872   | 0.365    | 0.872     | 0.506        | 0.000      |         |
| 4    | 2  | 0.863   | 0.365    | 0.863     | 0.498        | 0.000      |         |
| 4    | 3  | 1.452   | 0.365    | 1.452     | 1.086        | 0.000      |         |
| 5    | 1  | 1.674   | 0.354    | 1.674     | 1.320        | 0.000      |         |
| 5    | 2  | 1.360   | 0.354    | 1.360     | 1.006        | 0.000      |         |
| 5    | 3  | 1.208   | 0.390    | 1.208     | 0.819        | 0.000      |         |
| 6    | 1  | 1.226   | 0.365    | 1.226     | 0.860        | 0.000      |         |
| 6    | 2  | 0.948   | 0.365    | 0.948     | 0.582        | 0.000      |         |
| 6    | 3  | 0.882   | 0.365    | 0.882     | 0.517        | 0.000      |         |
| 7    | 1  | 1.085   | 0.354    | 1.085     | 0.731        | 0.000      |         |
| 7    | 2  | 1.082   | 0.354    | 1.082     | 0.728        | 0.000      |         |
| 7    | 3  | 1.229   | 0.390    | 1.229     | 0.839        | 0.000      |         |
| 8    | 1  | 0.859   | 0.192    | 0.859     | 0.667        | 0.000      |         |
| 8    | 2  | 0.726   | 0.192    | 0.726     | 0.534        | 0.000      |         |
| 8    | 3  | 0.668   | 0.211    | 0.668     | 0.457        | 0.000      |         |
| 9    | 1  | 0.532   | 0.019    | 0.532     | 0.513        | 0.000      |         |
| 9    | 2  | 0.469   | 0.019    | 0.469     | 0.450        | 0.000      |         |
| 9    | 3  | 0.425   | 0.019    | 0.425     | 0.406        | 0.000      |         |
| 10   | 1  | 0.409   | 0.019    | 0.409     | 0.390        | 0.000      |         |
| 10   | 2  | 0.359   | 0.019    | 0.359     | 0.340        | 0.000      |         |
| 10   | 3  | 0.469   | 0.021    | 0.469     | 0.449        | 0.000      |         |
| 11   | 1  | 0.477   | 0.166    | 0.477     | 0.311        | 0.000      |         |
| 11   | 2  | 0.633   | 0.166    | 0.633     | 0.467        | 0.000      |         |
| 11   | 3  | 0.543   | 0.166    | 0.543     | 0.376        | 0.000      |         |
| 12   | 1  | 0.429   | 0.295    | 0.429     | 0.133        | 0.000      |         |
| 12   | 2  | 0.418   | 0.295    | 0.418     | 0.123        | 0.000      |         |
| 12   | 3  | 0.410   | 0.325    | 0.410     | 0.085        | 0.000      |         |
| Tot  | al | 30.980  | 9.252    | 30.980    | 21.727       | 0.000      |         |

| 1995 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.420    | 0.211    | 0.420     | 0.209        | 0.000      |         |
| 1    | 2  | 1.015    | 0.211    | 1.015     | 0.804        | 0.000      |         |
| 1    | 3  | 1.573    | 0.233    | 1.573     | 1.341        | 0.000      |         |
| 2    | 1  | 1.336    | 0.234    | 1.336     | 1.102        | 0.000      |         |
| 2    | 2  | 0.858    | 0.234    | 0.858     | 0.624        | 0.000      |         |
| 2    | 3  | 0.568    | 0.187    | 0.568     | 0.381        | 0.000      |         |
| 3    | 1  | 0.840    | 0.211    | 0.840     | 0.628        | 0.000      |         |
| 3    | 2  | 1.160    | 0.211    | 1.160     | 0.948        | 0.000      |         |
| 3    | 3  | 1.398    | 0.233    | 1.398     | 1.166        | 0.000      |         |
| 4    | 1  | 1.024    | 0.265    | 1.024     | 0.759        | 0.000      |         |
| 4    | 2  | 0.941    | 0.265    | 0.941     | 0.675        | 0.000      |         |
| 4    | 3  | 1.349    | 0.265    | 1.349     | 1.084        | 0.000      |         |
| 5    | 1  | 1.619    | 0.257    | 1.619     | 1.362        | 0.000      |         |
| 5    | 2  | 1.442    | 0.257    | 1.442     | 1.185        | 0.000      |         |
| 5    | 3  | 1.324    | 0.282    | 1.324     | 1.042        | 0.000      |         |
| 6    | 1  | 1.254    | 0.265    | 1.254     | 0.989        | 0.000      |         |
| 6    | 2  | 1.013    | 0.265    | 1.013     | 0.748        | 0.000      |         |
| 6    | 3  | 0.989    | 0.265    | 0.989     | 0.724        | 0.000      |         |
| 7    | 1  | 1.137    | 0.257    | 1.137     | 0.880        | 0.000      |         |
| 7    | 2  | 1.245    | 0.257    | 1.245     | 0.988        | 0.000      |         |
| 7    | 3  | 1.400    | 0.282    | 1.400     | 1.117        | 0.000      |         |
| 8    | 1  | 0.989    | 0.229    | 0.989     | 0.761        | 0.000      |         |
| 8    | 2  | 0.850    | 0.229    | 0.850     | 0.622        | 0.000      |         |
| 8    | 3  | 0.799    | 0.252    | 0.799     | 0.547        | 0.000      |         |
| 9    | 1  | 0.632    | 0.006    | 0.632     | 0.627        | 0.000      |         |
| 9    | 2  | 0.573    | 0.006    | 0.573     | 0.568        | 0.000      |         |
| 9    | 3  | 0.522    | 0.006    | 0.522     | 0.517        | 0.000      |         |
| 10   | 1  | 0.501    | 0.006    | 0.501     | 0.495        | 0.000      |         |
| 10   | 2  | 0.452    | 0.006    | 0.452     | 0.446        | 0.000      |         |
| 10   | 3  | 0.562    | 0.006    | 0.562     | 0.556        | 0.000      |         |
| 11   | 1  | 0.547    | 0.195    | 0.547     | 0.352        | 0.000      |         |
| 11   | 2  | 0.709    | 0.195    | 0.709     | 0.514        | 0.000      |         |
| 11   | 3  | 0.625    | 0.195    | 0.625     | 0.431        | 0.000      |         |
| 12   | 1  | 0.510    | 0.211    | 0.510     | 0.298        | 0.000      |         |
| 12   | 2  | 0.452    | 0.211    | 0.452     | 0.241        | 0.000      |         |
| 12   | 3  | 0.451    | 0.233    | 0.451     | 0.218        | 0.000      |         |
| Tot  | al | 33.081   | 7.132    | 33.081    | 25.949       | 0.000      |         |

| 1995 | U. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.665               | 0.315       | 0.665        | 0.350      | 0.000   |
| 1    | 2  | 1.603               | 0.315       | 1.603        | 1.288      | 0.000   |
| 1    | 3  | 1.889               | 0.347       | 1.889        | 1.543      | 0.000   |
| 2    | 1  | 1.448               | 0.348       | 1.448        | 1.100      | 0.000   |
| 2    | 2  | 0.884               | 0.348       | 0.884        | 0.536      | 0.000   |
| 2    | 3  | 0.905               | 0.278       | 0.905        | 0.627      | 0.000   |
| 3    | 1  | 1.475               | 0.315       | 1.475        | 1.160      | 0.000   |
| 3    | 2  | 1.750               | 0.315       | 1.750        | 1.435      | 0.000   |
| 3    | 3  | 1.637               | 0.347       | 1.637        | 1.290      | 0.000   |
| 4    | 1  | 1.185               | 0.393       | 1.185        | 0.792      | 0.000   |
| 4    | 2  | 1.188               | 0.393       | 1.188        | 0.795      | 0.000   |
| 4    | 3  | 1.957               | 0.393       | 1.957        | 1.564      | 0.000   |
| 5    | 1  | 2.000               | 0.380       | 2.000        | 1.620      | 0.000   |
| 5    | 2  | 1.350               | 0.380       | 1.350        | 0.970      | 0.000   |
| 5    | 3  | 1.755               | 0.418       | 1.755        | 1.337      | 0.000   |
| 6    | 1  | 1.552               | 0.393       | 1.552        | 1.160      | 0.000   |
| 6    | 2  | 1.025               | 0.393       | 1.025        | 0.632      | 0.000   |
| 6    | 3  | 1.327               | 0.393       | 1.327        | 0.934      | 0.000   |
| 7    | 1  | 1.525               | 0.380       | 1.525        | 1.145      | 0.000   |
| 7    | 2  | 1.827               | 0.380       | 1.827        | 1.446      | 0.000   |
| 7    | 3  | 1.600               | 0.418       | 1.600        | 1.182      | 0.000   |
| 8    | 1  | 0.952               | 0.157       | 0.952        | 0.795      | 0.000   |
| 8    | 2  | 0.850               | 0.157       | 0.850        | 0.693      | 0.000   |
| 8    | 3  | 0.759               | 0.173       | 0.759        | 0.585      | 0.000   |
| 9    | 1  | 0.607               | 0.008       | 0.607        | 0.598      | 0.000   |
| 9    | 2  | 0.586               | 0.008       | 0.586        | 0.577      | 0.000   |
| 9    | 3  | 0.538               | 0.008       | 0.538        | 0.530      | 0.000   |
| 10   | 1  | 0.535               | 0.008       | 0.535        | 0.527      | 0.000   |
| 10   | 2  | 0.500               | 0.008       | 0.500        | 0.492      | 0.000   |
| 10   | 3  | 0.708               | 0.009       | 0.708        | 0.699      | 0.000   |
| 11   | 1  | 0.692               | 0.135       | 0.692        | 0.557      | 0.000   |
| 11   | 2  | 1.145               | 0.135       | 1.145        | 1.010      | 0.000   |
| 11   | 3  | 0.698               | 0.135       | 0.698        | 0.563      | 0.000   |
| 12   | 1  | 0.548               | 0.315       | 0.548        | 0.233      | 0.000   |
| 12   | 2  | 0.511               | 0.315       | 0.511        | 0.196      | 0.000   |
| 12   | 3  | 0.519               | 0.347       | 0.519        | 0.173      | 0.000   |
| Tot  | al | 40.695              | 9.563       | 40.695       | 31.133     | 0.000   |
| 1995 | L. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 0.523               | 0.038       | 0.777        | 0.486      | 0.000   |
| 1    | 2  | 1.610               | 0.038       | 1.863        | 1.572      | 0.000   |
| 1    | 3  | 1.990               | 0.041       | 2.269        | 1.948      | 0.000   |
| 2    | 1  | 1.484               | 0.041       | 1.765        | 1.444      | 0.000   |
| 2    | 2  | 0.808               | 0.041       | 1.088        | 0.767      | 0.000   |
| 2    | 3  | 0.827               | 0.033       | 1.051        | 0.795      | 0.000   |
| 3    | 1  | 1.445               | 0.038       | 1.699        | 1.408      | 0.000   |
| 3    | 2  | 1.791               | 0.038       | 2.044        | 1.753      | 0.000   |
| 3    | 3  | 1.697               | 0.041       | 1.976        | 1.656      | 0.000   |
| 4    | 1  | 1.116               | 0.046       | 1.431        | 1.070      | 0.000   |
| 4    | 2  | 1.100               | 0.046       | 1.416        | 1.055      | 0.000   |
| 4    | 3  | 1.973               | 0.046       | 2.289        | 1.928      | 0.000   |
| 5    | 1  | 2.082               | 0.044       | 2.388        | 2.038      | 0.000   |
| 5    | 2  | 1.381               | 0.044       | 1.687        | 1.337      | 0.000   |
| 5    | 3  | 1.733               | 0.049       | 2.069        | 1.684      | 0.000   |
| 6    | 1  | 1.538               | 0.046       | 1.854        | 1.492      | 0.000   |
| 6    | 2  | 0.943               | 0.046       | 1.258        | 0.897      | 0.000   |
| 6    | 3  | 1.240               | 0.046       | 1.556        | 1.195      | 0.000   |
| 7    | 1  | 1.503               | 0.044       | 1.809        | 1.459      | 0.000   |
| 7    | 2  | 1.827               | 0.044       | 2.133        | 1.782      | 0.000   |
| 7    | 3  | 1.603               | 0.049       | 1.939        | 1.554      | 0.000   |
| 8    | 1  | 1.052               | 0.037       | 1.180        | 1.016      | 0.000   |
| 8    | 2  | 0.915               | 0.037       | 1.043        | 0.879      | 0.000   |
| 8    | 3  | 0.798               | 0.040       | 0.938        | 0.758      | 0.000   |
| 9    | 1  | 0.740               | 0.006       | 0.749        | 0.734      | 0.000   |
| 9    | 2  | 0.707               | 0.006       | 0.715        | 0.701      | 0.000   |
| 9    | 3  | 0.650               | 0.006       | 0.658        | 0.644      | 0.000   |
| 10   | 1  | 0.643               | 0.006       | 0.652        | 0.637      | 0.000   |
| 10   | 2  | 0.598               | 0.006       | 0.606        | 0.592      | 0.000   |
| 10   | 3  | 0.833               | 0.006       | 0.843        | 0.827      | 0.000   |
| 11   | 1  | 0.715               | 0.032       | 0.825        | 0.683      | 0.000   |
| 11   | 2  | 1.215               | 0.032       | 1.325        | 1.183      | 0.000   |
| 11   | 3  | 0.745               | 0.032       | 0.855        | 0.713      | 0.000   |
| 12   | 1  | 0.417               | 0.038       | 0.671        | 0.380      | 0.000   |
| 12   | 2  | 0.366               | 0.038       | 0.620        | 0.329      | 0.000   |
| 12   | 3  | 0.349               | 0.041       | 0.628        | 0.308      | 0.000   |
| Tot  | al | 40.958              | 1.256       | 48.668       | 39.702     | 0.000   |

| 1995 |    | M. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 3.729    | 0.072     | 5.234        | 3.657      | 0.000   |
| 1    | 2  |          | 7.655    | 0.072     | 9.426        | 7.583      | 0.000   |
| 1    | 3  |          | 10.191   | 0.079     | 12.170       | 10.112     | 0.000   |
| 2    | 1  |          | 10.602   | 0.079     | 12.626       | 10.523     | 0.000   |
| 2    | 2  |          | 5.758    | 0.079     | 7.574        | 5.679      | 0.000   |
| 2    | 3  |          | 6.732    | 0.063     | 8.351        | 6.669      | 0.000   |
| 3    | 1  |          | 5.021    | 0.072     | 6.569        | 4.949      | 0.000   |
| 3    | 2  |          | 7.115    | 0.072     | 8.840        | 7.043      | 0.000   |
| 3    | 3  |          | 7.520    | 0.079     | 9.280        | 7.441      | 0.000   |
| 4    | 1  |          | 5.398    | 0.089     | 7.220        | 5.309      | 0.000   |
| 4    | 2  |          | 5.426    | 0.089     | 7.357        | 5.336      | 0.000   |
| 4    | 3  |          | 11.865   | 0.089     | 14.061       | 11.776     | 0.000   |
| 5    | 1  |          | 8.291    | 0.086     | 10.299       | 8.205      | 0.000   |
| 5    | 2  |          | 4.997    | 0.086     | 6.695        | 4.911      | 0.000   |
| 5    | 3  |          | 5.435    | 0.095     | 7.438        | 5.340      | 0.000   |
| 6    | 1  |          | 4.788    | 0.089     | 6.579        | 4.699      | 0.000   |
| 6    | 2  |          | 3.422    | 0.089     | 5.154        | 3.332      | 0.000   |
| 6    | 3  |          | 3.773    | 0.089     | 5.576        | 3.684      | 0.000   |
| 7    | 1  |          | 4.208    | 0.086     | 5.930        | 4.122      | 0.000   |
| 7    | 2  |          | 4.562    | 0.086     | 6.289        | 4.476      | 0.000   |
| 7    | 3  |          | 4.582    | 0.095     | 6.443        | 4.487      | 0.000   |
| 8    | 1  |          | 3.327    | 0.070     | 4.466        | 3.257      | 0.000   |
| 8    | 2  |          | 2.891    | 0.070     | 3.945        | 2.821      | 0.000   |
| 8    | 3  |          | 2.665    | 0.077     | 3.743        | 2.588      | 0.000   |
| 9    | 1  |          | 3.154    | 0.004     | 3.382        | 3.150      | 0.000   |
| 9    | 2  |          | 3.107    | 0.004     | 3.311        | 3.103      | 0.000   |
| 9    | 3  |          | 3.008    | 0.004     | 3.220        | 3.004      | 0.000   |
| 10   | 1  |          | 3.047    | 0.004     | 3.254        | 3.043      | 0.000   |
| 10   | 2  |          | 2.756    | 0.004     | 2.958        | 2.751      | 0.000   |
| 10   | 3  |          | 3.683    | 0.005     | 3.944        | 3.678      | 0.000   |
| 11   | 1  |          | 2.560    | 0.060     | 3.659        | 2.499      | 0.000   |
| 11   | 2  |          | 3.762    | 0.060     | 4.898        | 3.702      | 0.000   |
| 11   | 3  |          | 2.871    | 0.060     | 3.754        | 2.811      | 0.000   |
| 12   | 1  |          | 2.107    | 0.072     | 3.391        | 2.035      | 0.000   |
| 12   | 2  |          | 2.044    | 0.072     | 3.459        | 1.972      | 0.000   |
| 12   | 3  |          | 2.126    | 0.079     | 3.672        | 2.046      | 0.000   |
| Tot  | al |          | 174.181  | 2.386     | 224.168      | 171.795    | 0.000   |
|      |    |          |          |           |              |            |         |
| 1995 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.361    | 0.242     | 0.361        | 0.119      | 0.000   |
| 1    | 2  |          | 0.330    | 0.242     | 0.330        | 0.088      | 0.000   |
| 1    | 3  |          | 1.494    | 0.267     | 1.494        | 1.227      | 0.000   |
| 2    | 1  |          | 1.654    | 0.268     | 1.654        | 1.386      | 0.000   |
| 2    | 2  |          | 2.804    | 0.268     | 2.804        | 2.536      | 0.000   |
| 2    | 3  |          | 1.706    | 0.214     | 1.706        | 1.492      | 0.000   |
| 3    | 1  |          | 2.736    | 0.242     | 2.736        | 2.494      | 0.000   |
| 3    | 2  |          | 2.226    | 0.242     | 2.226        | 1.984      | 0.000   |
| 3    | 3  |          | 1.913    | 0.267     | 1.913        | 1.646      | 0.000   |
| 4    | 1  |          | 2.537    | 0.302     | 2.537        | 2.235      | 0.000   |
| 4    | 2  |          | 1.602    | 0.302     | 1.602        | 1.300      | 0.000   |
| 4    | 3  |          | 1.307    | 0.302     | 1.307        | 1.005      | 0.000   |
| 5    | 1  |          | 0.952    | 0.293     | 0.952        | 0.659      | 0.000   |
| 5    | 2  |          | 1.141    | 0.293     | 1.141        | 0.848      | 0.000   |
| 5    | 3  |          | 1.096    | 0.322     | 1.096        | 0.774      | 0.000   |
| 6    | 1  |          | 0.865    | 0.302     | 0.865        | 0.562      | 0.000   |
| 6    | 2  |          | 0.718    | 0.302     | 0.718        | 0.415      | 0.000   |
| 6    | 3  |          | 0.652    | 0.302     | 0.652        | 0.349      | 0.000   |
| 7    | 1  |          | 0.575    | 0.293     | 0.575        | 0.282      | 0.000   |
| 7    | 2  |          | 0.679    | 0.293     | 0.679        | 0.386      | 0.000   |
| 7    | 3  |          | 0.579    | 0.322     | 0.579        | 0.256      | 0.000   |
| 8    | 1  |          | 0.454    | 0.236     | 0.454        | 0.218      | 0.000   |
| 8    | 2  |          | 0.396    | 0.236     | 0.396        | 0.160      | 0.000   |
| 8    | 3  |          | 0.522    | 0.259     | 0.522        | 0.263      | 0.000   |
| 9    | 1  |          | 0.795    | 0.005     | 0.795        | 0.791      | 0.000   |
| 9    | 2  |          | 0.969    | 0.005     | 0.969        | 0.964      | 0.000   |
| 9    | 3  |          | 1.302    | 0.005     | 1.302        | 1.297      | 0.000   |
| 10   | 1  |          | 1.371    | 0.005     | 1.371        | 1.366      | 0.000   |
| 10   | 2  |          | 1.312    | 0.005     | 1.312        | 1.308      | 0.000   |
| 10   | 3  |          | 1.535    | 0.005     | 1.535        | 1.530      | 0.000   |
| 11   | 1  |          | 1.057    | 0.201     | 1.057        | 0.855      | 0.000   |
| 11   | 2  |          | 1.212    | 0.201     | 1.212        | 1.011      | 0.000   |
| 11   | 3  |          | 0.851    | 0.201     | 0.851        | 0.650      | 0.000   |
| 12   | 1  |          | 0.760    | 0.242     | 0.760        | 0.518      | 0.000   |
| 12   | 2  |          | 0.595    | 0.242     | 0.595        | 0.353      | 0.000   |
| 12   | 3  |          | 0.572    | 0.267     | 0.572        | 0.306      | 0.000   |
| Tot  | al |          | 41.629   | 7.995     | 41.629       | 33.634     | 0.000   |

| 1995 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.378    | 0.174     | 0.573        | 0.260      | 0.056   |
| 1    | 2  |          | 0.316    | 0.174     | 0.511        | 0.260      | 0.118   |
| 1    | 3  |          | 1.441    | 0.191     | 1.656        | 1.250      | 0.000   |
| 2    | 1  |          | 1.566    | 0.192     | 1.781        | 1.374      | 0.000   |
| 2    | 2  |          | 2.700    | 0.192     | 2.915        | 2.508      | 0.000   |
| 2    | 3  |          | 1.613    | 0.154     | 1.785        | 1.459      | 0.000   |
| 3    | 1  |          | 2.639    | 0.174     | 2.834        | 2.465      | 0.000   |
| 3    | 2  |          | 2.124    | 0.174     | 2.319        | 1.950      | 0.000   |
| 3    | 3  |          | 1.810    | 0.191     | 2.024        | 1.618      | 0.000   |
| 4    | 1  |          | 2.379    | 0.219     | 2.622        | 2.160      | 0.000   |
| 4    | 2  |          | 1.432    | 0.219     | 1.675        | 1.213      | 0.000   |
| 4    | 3  |          | 1.119    | 0.219     | 1.361        | 0.899      | 0.000   |
| 5    | 1  |          | 0.762    | 0.212     | 0.997        | 0.549      | 0.000   |
| 5    | 2  |          | 0.944    | 0.212     | 1.180        | 0.732      | 0.000   |
| 5    | 3  |          | 0.875    | 0.234     | 1.134        | 0.642      | 0.000   |
| 6    | 1  |          | 0.653    | 0.219     | 0.896        | 0.434      | 0.000   |
| 6    | 2  |          | 0.502    | 0.219     | 0.745        | 0.283      | 0.000   |
| 6    | 3  |          | 0.433    | 0.219     | 0.676        | 0.260      | 0.046   |
| 7    | 1  |          | 0.361    | 0.212     | 0.596        | 0.260      | 0.112   |
| 7    | 2  |          | 0.463    | 0.212     | 0.698        | 0.260      | 0.009   |
| 7    | 3  |          | 0.338    | 0.234     | 0.597        | 0.286      | 0.181   |
| 8    | 1  |          | 0.279    | 0.174     | 0.469        | 0.260      | 0.155   |
| 8    | 2  |          | 0.219    | 0.174     | 0.409        | 0.219      | 0.174   |
| 8    | 3  |          | 0.326    | 0.192     | 0.535        | 0.286      | 0.151   |
| 9    | 1  |          | 0.801    | 0.005     | 0.805        | 0.796      | 0.000   |
| 9    | 2  |          | 0.973    | 0.005     | 0.978        | 0.968      | 0.000   |
| 9    | 3  |          | 1.305    | 0.005     | 1.310        | 1.300      | 0.000   |
| 10   | 1  |          | 1.374    | 0.005     | 1.379        | 1.369      | 0.000   |
| 10   | 2  |          | 1.319    | 0.005     | 1.324        | 1.314      | 0.000   |
| 10   | 3  |          | 1.549    | 0.006     | 1.554        | 1.543      | 0.000   |
| 11   | 1  |          | 0.913    | 0.147     | 1.075        | 0.765      | 0.000   |
| 11   | 2  |          | 1.063    | 0.147     | 1.225        | 0.915      | 0.000   |
| 11   | 3  |          | 0.696    | 0.147     | 0.858        | 0.548      | 0.000   |
| 12   | 1  |          | 0.572    | 0.174     | 0.767        | 0.398      | 0.000   |
| 12   | 2  |          | 0.406    | 0.174     | 0.601        | 0.260      | 0.028   |
| 12   | 3  |          | 0.362    | 0.191     | 0.576        | 0.286      | 0.116   |
| Tot  | al |          | 37.007   | 5.803     | 43.437       | 32.352     | 1.147   |

  

| 1995 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.330    | 0.328     | 0.330        | 0.054      | 0.052   |
| 1    | 2  |          | 0.368    | 0.328     | 0.368        | 0.054      | 0.014   |
| 1    | 3  |          | 1.329    | 0.361     | 1.329        | 0.968      | 0.000   |
| 2    | 1  |          | 1.639    | 0.363     | 1.639        | 1.276      | 0.000   |
| 2    | 2  |          | 2.329    | 0.363     | 2.329        | 1.966      | 0.000   |
| 2    | 3  |          | 1.999    | 0.290     | 1.999        | 1.709      | 0.000   |
| 3    | 1  |          | 2.617    | 0.328     | 2.617        | 2.289      | 0.000   |
| 3    | 2  |          | 2.652    | 0.328     | 2.652        | 2.325      | 0.000   |
| 3    | 3  |          | 2.300    | 0.361     | 2.300        | 1.939      | 0.000   |
| 4    | 1  |          | 2.355    | 0.470     | 2.355        | 1.885      | 0.000   |
| 4    | 2  |          | 1.933    | 0.470     | 1.933        | 1.463      | 0.000   |
| 4    | 3  |          | 1.550    | 0.470     | 1.550        | 1.080      | 0.000   |
| 5    | 1  |          | 1.173    | 0.455     | 1.173        | 0.717      | 0.000   |
| 5    | 2  |          | 1.245    | 0.455     | 1.245        | 0.790      | 0.000   |
| 5    | 3  |          | 1.254    | 0.501     | 1.254        | 0.754      | 0.000   |
| 6    | 1  |          | 1.011    | 0.470     | 1.011        | 0.541      | 0.000   |
| 6    | 2  |          | 0.866    | 0.470     | 0.866        | 0.396      | 0.000   |
| 6    | 3  |          | 0.767    | 0.470     | 0.767        | 0.297      | 0.000   |
| 7    | 1  |          | 0.682    | 0.455     | 0.682        | 0.227      | 0.000   |
| 7    | 2  |          | 0.714    | 0.455     | 0.714        | 0.259      | 0.000   |
| 7    | 3  |          | 0.695    | 0.501     | 0.695        | 0.194      | 0.000   |
| 8    | 1  |          | 0.537    | 0.451     | 0.537        | 0.086      | 0.000   |
| 8    | 2  |          | 0.475    | 0.451     | 0.475        | 0.054      | 0.030   |
| 8    | 3  |          | 0.557    | 0.496     | 0.557        | 0.061      | 0.000   |
| 9    | 1  |          | 0.820    | 0.002     | 0.820        | 0.818      | 0.000   |
| 9    | 2  |          | 0.954    | 0.002     | 0.954        | 0.952      | 0.000   |
| 9    | 3  |          | 1.157    | 0.002     | 1.157        | 1.155      | 0.000   |
| 10   | 1  |          | 1.449    | 0.002     | 1.449        | 1.448      | 0.000   |
| 10   | 2  |          | 1.312    | 0.002     | 1.312        | 1.310      | 0.000   |
| 10   | 3  |          | 1.535    | 0.002     | 1.535        | 1.533      | 0.000   |
| 11   | 1  |          | 1.202    | 0.335     | 1.202        | 0.867      | 0.000   |
| 11   | 2  |          | 1.191    | 0.335     | 1.191        | 0.855      | 0.000   |
| 11   | 3  |          | 1.044    | 0.335     | 1.044        | 0.709      | 0.000   |
| 12   | 1  |          | 0.920    | 0.328     | 0.920        | 0.592      | 0.000   |
| 12   | 2  |          | 0.762    | 0.328     | 0.762        | 0.434      | 0.000   |
| 12   | 3  |          | 0.722    | 0.361     | 0.722        | 0.361      | 0.000   |
| Tot  | al |          | 44.445   | 12.125    | 44.445       | 32.417     | 0.097   |

| 1995 | U. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 2.125                | 0.475       | 2.125        | 1.650      | 0.000   |
| 1    | 2  | 2.866                | 0.475       | 2.866        | 2.392      | 0.000   |
| 1    | 3  | 2.967                | 0.522       | 2.967        | 2.445      | 0.000   |
| 2    | 1  | 4.307                | 0.523       | 4.307        | 3.785      | 0.000   |
| 2    | 2  | 5.202                | 0.523       | 5.202        | 4.679      | 0.000   |
| 2    | 3  | 4.081                | 0.418       | 4.081        | 3.662      | 0.000   |
| 3    | 1  | 3.054                | 0.475       | 3.054        | 2.580      | 0.000   |
| 3    | 2  | 3.929                | 0.475       | 3.929        | 3.454      | 0.000   |
| 3    | 3  | 3.466                | 0.522       | 3.466        | 2.944      | 0.000   |
| 4    | 1  | 2.419                | 0.521       | 2.419        | 1.898      | 0.000   |
| 4    | 2  | 3.125                | 0.521       | 3.125        | 2.605      | 0.000   |
| 4    | 3  | 2.084                | 0.521       | 2.084        | 1.563      | 0.000   |
| 5    | 1  | 1.743                | 0.505       | 1.743        | 1.238      | 0.000   |
| 5    | 2  | 1.258                | 0.505       | 1.258        | 0.753      | 0.000   |
| 5    | 3  | 3.622                | 0.555       | 3.622        | 3.067      | 0.000   |
| 6    | 1  | 1.369                | 0.521       | 1.369        | 0.848      | 0.000   |
| 6    | 2  | 1.111                | 0.521       | 1.111        | 0.590      | 0.000   |
| 6    | 3  | 1.487                | 0.521       | 1.487        | 0.966      | 0.000   |
| 7    | 1  | 1.224                | 0.505       | 1.224        | 0.719      | 0.000   |
| 7    | 2  | 0.990                | 0.505       | 0.990        | 0.485      | 0.000   |
| 7    | 3  | 0.876                | 0.555       | 0.876        | 0.321      | 0.000   |
| 8    | 1  | 0.999                | 0.505       | 0.999        | 0.494      | 0.000   |
| 8    | 2  | 0.809                | 0.505       | 0.809        | 0.304      | 0.000   |
| 8    | 3  | 0.984                | 0.555       | 0.984        | 0.429      | 0.000   |
| 9    | 1  | 1.376                | 0.028       | 1.376        | 1.348      | 0.000   |
| 9    | 2  | 3.565                | 0.028       | 3.565        | 3.537      | 0.000   |
| 9    | 3  | 2.082                | 0.028       | 2.082        | 2.054      | 0.000   |
| 10   | 1  | 2.871                | 0.028       | 2.871        | 2.843      | 0.000   |
| 10   | 2  | 2.544                | 0.028       | 2.544        | 2.516      | 0.000   |
| 10   | 3  | 2.878                | 0.031       | 2.878        | 2.847      | 0.000   |
| 11   | 1  | 3.598                | 0.490       | 3.598        | 3.108      | 0.000   |
| 11   | 2  | 3.816                | 0.490       | 3.816        | 3.327      | 0.000   |
| 11   | 3  | 2.916                | 0.490       | 2.916        | 2.426      | 0.000   |
| 12   | 1  | 1.364                | 0.475       | 1.364        | 0.890      | 0.000   |
| 12   | 2  | 1.266                | 0.475       | 1.266        | 0.791      | 0.000   |
| 12   | 3  | 1.413                | 0.522       | 1.413        | 0.890      | 0.000   |
| Tot  | al | 85.786               | 15.340      | 85.786       | 70.446     | 0.000   |
| 1995 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 3.568                | 0.420       | 3.953        | 3.148      | 0.000   |
| 1    | 2  | 5.157                | 0.420       | 5.542        | 4.737      | 0.000   |
| 1    | 3  | 8.421                | 0.462       | 8.845        | 7.960      | 0.000   |
| 2    | 1  | 7.754                | 0.464       | 8.177        | 7.290      | 0.000   |
| 2    | 2  | 7.738                | 0.464       | 8.162        | 7.274      | 0.000   |
| 2    | 3  | 5.489                | 0.371       | 5.829        | 5.118      | 0.000   |
| 3    | 1  | 5.311                | 0.420       | 5.696        | 4.891      | 0.000   |
| 3    | 2  | 7.148                | 0.420       | 7.533        | 6.728      | 0.000   |
| 3    | 3  | 6.869                | 0.462       | 7.293        | 6.407      | 0.000   |
| 4    | 1  | 4.631                | 0.566       | 5.054        | 4.066      | 0.000   |
| 4    | 2  | 5.353                | 0.566       | 5.775        | 4.788      | 0.000   |
| 4    | 3  | 4.434                | 0.566       | 4.857        | 3.869      | 0.000   |
| 5    | 1  | 3.584                | 0.548       | 3.993        | 3.036      | 0.000   |
| 5    | 2  | 2.605                | 0.548       | 3.015        | 2.057      | 0.000   |
| 5    | 3  | 4.720                | 0.602       | 5.170        | 4.117      | 0.000   |
| 6    | 1  | 2.207                | 0.566       | 2.629        | 1.641      | 0.000   |
| 6    | 2  | 1.795                | 0.566       | 2.218        | 1.230      | 0.000   |
| 6    | 3  | 2.059                | 0.566       | 2.482        | 1.494      | 0.000   |
| 7    | 1  | 1.796                | 0.548       | 2.206        | 1.249      | 0.000   |
| 7    | 2  | 1.462                | 0.548       | 1.872        | 0.915      | 0.000   |
| 7    | 3  | 1.260                | 0.602       | 1.710        | 0.657      | 0.000   |
| 8    | 1  | 1.256                | 0.548       | 1.665        | 0.708      | 0.000   |
| 8    | 2  | 1.007                | 0.548       | 1.417        | 0.459      | 0.000   |
| 8    | 3  | 1.107                | 0.602       | 1.558        | 0.505      | 0.000   |
| 9    | 1  | 1.814                | 0.009       | 1.842        | 1.805      | 0.000   |
| 9    | 2  | 3.947                | 0.009       | 3.975        | 3.938      | 0.000   |
| 9    | 3  | 2.433                | 0.009       | 2.461        | 2.424      | 0.000   |
| 10   | 1  | 3.313                | 0.009       | 3.341        | 3.304      | 0.000   |
| 10   | 2  | 2.970                | 0.009       | 2.998        | 2.961      | 0.000   |
| 10   | 3  | 3.679                | 0.010       | 3.710        | 3.669      | 0.000   |
| 11   | 1  | 4.217                | 0.433       | 4.615        | 3.784      | 0.000   |
| 11   | 2  | 5.235                | 0.433       | 5.632        | 4.801      | 0.000   |
| 11   | 3  | 3.976                | 0.433       | 4.374        | 3.543      | 0.000   |
| 12   | 1  | 1.970                | 0.420       | 2.356        | 1.551      | 0.000   |
| 12   | 2  | 1.824                | 0.420       | 2.210        | 1.405      | 0.000   |
| 12   | 3  | 1.947                | 0.462       | 2.371        | 1.485      | 0.000   |
| Tot  | al | 134.058              | 15.047      | 146.535      | 119.012    | 0.000   |

| 1995 |    | U. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 2.594   | 0.354    | 2.594       | 2.239        | 0.000      |         |
| 1    | 2  | 3.198   | 0.354    | 3.198       | 2.844        | 0.000      |         |
| 1    | 3  | 4.836   | 0.390    | 4.836       | 4.446        | 0.000      |         |
| 2    | 1  | 3.719   | 0.388    | 3.719       | 3.331        | 0.000      |         |
| 2    | 2  | 3.491   | 0.388    | 3.491       | 3.103        | 0.000      |         |
| 2    | 3  | 2.734   | 0.311    | 2.734       | 2.423        | 0.000      |         |
| 3    | 1  | 3.810   | 0.354    | 3.810       | 3.456        | 0.000      |         |
| 3    | 2  | 4.816   | 0.354    | 4.816       | 4.461        | 0.000      |         |
| 3    | 3  | 4.165   | 0.390    | 4.165       | 3.775        | 0.000      |         |
| 4    | 1  | 4.693   | 0.379    | 4.693       | 4.314        | 0.000      |         |
| 4    | 2  | 4.729   | 0.379    | 4.729       | 4.350        | 0.000      |         |
| 4    | 3  | 3.868   | 0.379    | 3.868       | 3.488        | 0.000      |         |
| 5    | 1  | 4.180   | 0.368    | 4.180       | 3.812        | 0.000      |         |
| 5    | 2  | 2.623   | 0.368    | 2.623       | 2.254        | 0.000      |         |
| 5    | 3  | 2.732   | 0.405    | 2.732       | 2.327        | 0.000      |         |
| 6    | 1  | 1.963   | 0.379    | 1.963       | 1.583        | 0.000      |         |
| 6    | 2  | 1.614   | 0.379    | 1.614       | 1.235        | 0.000      |         |
| 6    | 3  | 1.431   | 0.379    | 1.431       | 1.051        | 0.000      |         |
| 7    | 1  | 1.482   | 0.368    | 1.482       | 1.113        | 0.000      |         |
| 7    | 2  | 1.311   | 0.368    | 1.311       | 0.943        | 0.000      |         |
| 7    | 3  | 1.121   | 0.405    | 1.121       | 0.716        | 0.000      |         |
| 8    | 1  | 0.945   | 0.105    | 0.945       | 0.840        | 0.000      |         |
| 8    | 2  | 0.841   | 0.105    | 0.841       | 0.736        | 0.000      |         |
| 8    | 3  | 0.778   | 0.116    | 0.778       | 0.662        | 0.000      |         |
| 9    | 1  | 0.752   | 0.037    | 0.752       | 0.715        | 0.000      |         |
| 9    | 2  | 0.894   | 0.037    | 0.894       | 0.857        | 0.000      |         |
| 9    | 3  | 0.793   | 0.037    | 0.793       | 0.756        | 0.000      |         |
| 10   | 1  | 0.928   | 0.037    | 0.928       | 0.890        | 0.000      |         |
| 10   | 2  | 0.915   | 0.037    | 0.915       | 0.878        | 0.000      |         |
| 10   | 3  | 1.103   | 0.041    | 1.103       | 1.062        | 0.000      |         |
| 11   | 1  | 1.138   | 0.141    | 1.138       | 0.998        | 0.000      |         |
| 11   | 2  | 2.223   | 0.141    | 2.223       | 2.082        | 0.000      |         |
| 11   | 3  | 1.366   | 0.141    | 1.366       | 1.225        | 0.000      |         |
| 12   | 1  | 1.026   | 0.354    | 1.026       | 0.672        | 0.000      |         |
| 12   | 2  | 1.503   | 0.354    | 1.503       | 1.148        | 0.000      |         |
| 12   | 3  | 1.584   | 0.390    | 1.584       | 1.194        | 0.000      |         |
| Tot  | al | 81.898  | 9.918    | 81.898      | 71.981       | 0.000      |         |
|      |    |         |          |             |              |            |         |
| 1995 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 2.970   | 0.586    | 3.261       | 2.384        | 0.000      |         |
| 1    | 2  | 4.150   | 0.586    | 4.441       | 3.565        | 0.000      |         |
| 1    | 3  | 6.912   | 0.644    | 7.232       | 6.267        | 0.000      |         |
| 2    | 1  | 5.373   | 0.647    | 5.691       | 4.725        | 0.000      |         |
| 2    | 2  | 4.686   | 0.647    | 5.004       | 4.039        | 0.000      |         |
| 2    | 3  | 3.673   | 0.518    | 3.927       | 3.155        | 0.000      |         |
| 3    | 1  | 5.239   | 0.586    | 5.530       | 4.654        | 0.000      |         |
| 3    | 2  | 6.843   | 0.586    | 7.134       | 6.257        | 0.000      |         |
| 3    | 3  | 6.251   | 0.644    | 6.571       | 5.607        | 0.000      |         |
| 4    | 1  | 6.131   | 0.163    | 6.442       | 5.969        | 0.000      |         |
| 4    | 2  | 6.954   | 0.163    | 7.265       | 6.791        | 0.000      |         |
| 4    | 3  | 6.415   | 0.163    | 6.726       | 6.252        | 0.000      |         |
| 5    | 1  | 7.499   | 0.158    | 7.801       | 7.341        | 0.000      |         |
| 5    | 2  | 4.877   | 0.158    | 5.179       | 4.720        | 0.000      |         |
| 5    | 3  | 4.092   | 0.174    | 4.425       | 3.919        | 0.000      |         |
| 6    | 1  | 2.815   | 0.163    | 3.126       | 2.652        | 0.000      |         |
| 6    | 2  | 2.365   | 0.163    | 2.676       | 2.202        | 0.000      |         |
| 6    | 3  | 2.155   | 0.163    | 2.466       | 1.993        | 0.000      |         |
| 7    | 1  | 2.212   | 0.158    | 2.515       | 2.055        | 0.000      |         |
| 7    | 2  | 1.859   | 0.158    | 2.161       | 1.701        | 0.000      |         |
| 7    | 3  | 1.588   | 0.174    | 1.920       | 1.415        | 0.000      |         |
| 8    | 1  | 1.520   | 0.122    | 1.612       | 1.399        | 0.000      |         |
| 8    | 2  | 1.357   | 0.122    | 1.448       | 1.235        | 0.000      |         |
| 8    | 3  | 1.239   | 0.134    | 1.340       | 1.105        | 0.000      |         |
| 9    | 1  | 1.158   | 0.009    | 1.195       | 1.149        | 0.000      |         |
| 9    | 2  | 1.248   | 0.009    | 1.285       | 1.239        | 0.000      |         |
| 9    | 3  | 1.130   | 0.009    | 1.167       | 1.120        | 0.000      |         |
| 10   | 1  | 1.350   | 0.009    | 1.387       | 1.340        | 0.000      |         |
| 10   | 2  | 1.266   | 0.009    | 1.304       | 1.257        | 0.000      |         |
| 10   | 3  | 1.683   | 0.010    | 1.724       | 1.672        | 0.000      |         |
| 11   | 1  | 1.694   | 0.574    | 1.814       | 1.119        | 0.000      |         |
| 11   | 2  | 3.153   | 0.574    | 3.273       | 2.579        | 0.000      |         |
| 11   | 3  | 2.251   | 0.574    | 2.371       | 1.677        | 0.000      |         |
| 12   | 1  | 1.508   | 0.586    | 1.799       | 0.922        | 0.000      |         |
| 12   | 2  | 2.195   | 0.586    | 2.486       | 1.609        | 0.000      |         |
| 12   | 3  | 2.397   | 0.644    | 2.717       | 1.752        | 0.000      |         |
| Tot  | al | 120.209 | 11.371   | 128.414     | 108.837      | 0.000      |         |

| 1995 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 2.198                | 0.884       | 2.198        | 1.315      | 0.000   |
| 1    | 2  | 3.767                | 0.884       | 3.767        | 2.883      | 0.000   |
| 1    | 3  | 3.281                | 0.972       | 3.281        | 2.309      | 0.000   |
| 2    | 1  | 7.699                | 0.973       | 7.699        | 6.727      | 0.000   |
| 2    | 2  | 5.716                | 0.973       | 5.716        | 4.744      | 0.000   |
| 2    | 3  | 7.849                | 0.778       | 7.849        | 7.071      | 0.000   |
| 3    | 1  | 7.292                | 0.884       | 7.292        | 6.409      | 0.000   |
| 3    | 2  | 4.872                | 0.884       | 4.872        | 3.988      | 0.000   |
| 3    | 3  | 5.289                | 0.972       | 5.289        | 4.317      | 0.000   |
| 4    | 1  | 8.465                | 1.094       | 8.465        | 7.371      | 0.000   |
| 4    | 2  | 8.551                | 1.094       | 8.551        | 7.457      | 0.000   |
| 4    | 3  | 8.152                | 1.094       | 8.152        | 7.058      | 0.000   |
| 5    | 1  | 9.725                | 1.060       | 9.725        | 8.665      | 0.000   |
| 5    | 2  | 7.401                | 1.060       | 7.401        | 6.341      | 0.000   |
| 5    | 3  | 5.423                | 1.166       | 5.423        | 4.257      | 0.000   |
| 6    | 1  | 3.839                | 1.094       | 3.839        | 2.745      | 0.000   |
| 6    | 2  | 3.371                | 1.094       | 3.371        | 2.277      | 0.000   |
| 6    | 3  | 2.971                | 1.094       | 2.971        | 1.877      | 0.000   |
| 7    | 1  | 2.600                | 1.060       | 2.600        | 1.540      | 0.000   |
| 7    | 2  | 2.306                | 1.060       | 2.306        | 1.246      | 0.000   |
| 7    | 3  | 2.238                | 1.166       | 2.238        | 1.072      | 0.000   |
| 8    | 1  | 1.794                | 0.053       | 1.794        | 1.741      | 0.000   |
| 8    | 2  | 1.587                | 0.053       | 1.587        | 1.534      | 0.000   |
| 8    | 3  | 1.534                | 0.058       | 1.534        | 1.476      | 0.000   |
| 9    | 1  | 1.392                | 0.053       | 1.392        | 1.339      | 0.000   |
| 9    | 2  | 1.161                | 0.053       | 1.161        | 1.108      | 0.000   |
| 9    | 3  | 1.038                | 0.053       | 1.038        | 0.986      | 0.000   |
| 10   | 1  | 1.054                | 0.053       | 1.054        | 1.001      | 0.000   |
| 10   | 2  | 0.944                | 0.053       | 0.944        | 0.891      | 0.000   |
| 10   | 3  | 1.079                | 0.058       | 1.079        | 1.022      | 0.000   |
| 11   | 1  | 1.077                | 0.053       | 1.077        | 1.025      | 0.000   |
| 11   | 2  | 1.162                | 0.053       | 1.162        | 1.109      | 0.000   |
| 11   | 3  | 0.891                | 0.053       | 0.891        | 0.839      | 0.000   |
| 12   | 1  | 0.933                | 0.884       | 0.933        | 0.350      | 0.301   |
| 12   | 2  | 1.320                | 0.884       | 1.320        | 0.437      | 0.000   |
| 12   | 3  | 1.629                | 0.972       | 1.629        | 0.657      | 0.000   |
| Tot  | al | 131.602              | 24.720      | 131.602      | 107.182    | 0.301   |

  

| 1995 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 5.152                | 0.964       | 5.936        | 4.187      | 0.000   |
| 1    | 2  | 7.748                | 0.964       | 8.532        | 6.783      | 0.000   |
| 1    | 3  | 8.787                | 1.061       | 9.650        | 7.727      | 0.000   |
| 2    | 1  | 12.075               | 1.063       | 12.937       | 11.011     | 0.000   |
| 2    | 2  | 8.531                | 1.063       | 9.393        | 7.468      | 0.000   |
| 2    | 3  | 9.737                | 0.851       | 10.427       | 8.887      | 0.000   |
| 3    | 1  | 9.153                | 0.964       | 9.937        | 8.189      | 0.000   |
| 3    | 2  | 8.043                | 0.964       | 8.827        | 7.079      | 0.000   |
| 3    | 3  | 10.268               | 1.061       | 11.130       | 9.207      | 0.000   |
| 4    | 1  | 13.130               | 1.295       | 14.098       | 11.834     | 0.000   |
| 4    | 2  | 13.881               | 1.295       | 14.850       | 12.585     | 0.000   |
| 4    | 3  | 13.172               | 1.295       | 14.141       | 11.876     | 0.000   |
| 5    | 1  | 14.889               | 1.255       | 15.829       | 13.635     | 0.000   |
| 5    | 2  | 10.389               | 1.255       | 11.329       | 9.135      | 0.000   |
| 5    | 3  | 7.665                | 1.380       | 8.698        | 6.284      | 0.000   |
| 6    | 1  | 5.352                | 1.295       | 6.321        | 4.057      | 0.000   |
| 6    | 2  | 4.685                | 1.295       | 5.654        | 3.390      | 0.000   |
| 6    | 3  | 4.220                | 1.295       | 5.189        | 2.925      | 0.000   |
| 7    | 1  | 3.962                | 1.255       | 4.902        | 2.708      | 0.000   |
| 7    | 2  | 3.590                | 1.255       | 4.530        | 2.335      | 0.000   |
| 7    | 3  | 3.218                | 1.380       | 4.251        | 1.837      | 0.000   |
| 8    | 1  | 3.349                | 1.003       | 3.402        | 2.346      | 0.000   |
| 8    | 2  | 2.964                | 1.003       | 3.017        | 1.961      | 0.000   |
| 8    | 3  | 2.836                | 1.104       | 2.893        | 1.732      | 0.000   |
| 9    | 1  | 2.448                | 0.041       | 2.501        | 2.407      | 0.000   |
| 9    | 2  | 2.133                | 0.041       | 2.186        | 2.092      | 0.000   |
| 9    | 3  | 1.977                | 0.041       | 2.030        | 1.936      | 0.000   |
| 10   | 1  | 1.965                | 0.041       | 2.018        | 1.924      | 0.000   |
| 10   | 2  | 1.769                | 0.041       | 1.822        | 1.728      | 0.000   |
| 10   | 3  | 2.039                | 0.045       | 2.096        | 1.993      | 0.000   |
| 11   | 1  | 1.945                | 0.781       | 1.998        | 1.165      | 0.000   |
| 11   | 2  | 2.406                | 0.781       | 2.459        | 1.626      | 0.000   |
| 11   | 3  | 2.541                | 0.781       | 2.594        | 1.760      | 0.000   |
| 12   | 1  | 1.952                | 0.964       | 2.472        | 0.988      | 0.000   |
| 12   | 2  | 3.007                | 0.964       | 3.791        | 2.042      | 0.000   |
| 12   | 3  | 4.670                | 1.061       | 5.533        | 3.610      | 0.000   |
| Tot  | al | 215.650              | 33.201      | 237.370      | 182.449    | 0.000   |

| 1995 |    | L. Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 15.175              | 0.914       | 20.188       | 14.261     | 0.000   |
| 1    | 2  | 24.992              | 0.914       | 30.252       | 24.078     | 0.000   |
| 1    | 3  | 37.817              | 1.005       | 43.751       | 36.812     | 0.000   |
| 2    | 1  | 39.769              | 0.980       | 45.752       | 38.789     | 0.000   |
| 2    | 2  | 32.106              | 0.980       | 37.881       | 31.126     | 0.000   |
| 2    | 3  | 29.644              | 0.784       | 34.431       | 28.861     | 0.000   |
| 3    | 1  | 30.369              | 0.914       | 35.512       | 29.455     | 0.000   |
| 3    | 2  | 34.686              | 0.914       | 40.006       | 33.772     | 0.000   |
| 3    | 3  | 35.628              | 1.005       | 41.342       | 34.623     | 0.000   |
| 4    | 1  | 34.290              | 1.168       | 40.156       | 33.122     | 0.000   |
| 4    | 2  | 35.087              | 1.168       | 41.063       | 33.920     | 0.000   |
| 4    | 3  | 38.905              | 1.168       | 45.145       | 37.738     | 0.000   |
| 5    | 1  | 36.847              | 1.139       | 42.774       | 35.707     | 0.000   |
| 5    | 2  | 25.329              | 1.139       | 30.946       | 24.189     | 0.000   |
| 5    | 3  | 23.579              | 1.253       | 29.894       | 22.326     | 0.000   |
| 6    | 1  | 16.091              | 1.168       | 21.926       | 14.923     | 0.000   |
| 6    | 2  | 12.743              | 1.168       | 18.519       | 11.576     | 0.000   |
| 6    | 3  | 12.460              | 1.168       | 18.270       | 11.292     | 0.000   |
| 7    | 1  | 12.386              | 1.139       | 17.938       | 11.247     | 0.000   |
| 7    | 2  | 11.659              | 1.139       | 17.298       | 10.520     | 0.000   |
| 7    | 3  | 10.638              | 1.253       | 16.666       | 9.384      | 0.000   |
| 8    | 1  | 9.512               | 1.128       | 13.025       | 8.384      | 0.000   |
| 8    | 2  | 8.212               | 1.128       | 11.602       | 7.084      | 0.000   |
| 8    | 3  | 7.785               | 1.241       | 11.491       | 6.544      | 0.000   |
| 9    | 1  | 10.865              | 0.298       | 11.286       | 10.567     | 0.000   |
| 9    | 2  | 12.958              | 0.298       | 13.355       | 12.659     | 0.000   |
| 9    | 3  | 11.612              | 0.298       | 12.017       | 11.313     | 0.000   |
| 10   | 1  | 13.211              | 0.298       | 13.612       | 12.913     | 0.000   |
| 10   | 2  | 12.021              | 0.298       | 12.418       | 11.723     | 0.000   |
| 10   | 3  | 15.105              | 0.328       | 15.579       | 14.777     | 0.000   |
| 11   | 1  | 11.783              | 0.925       | 15.379       | 10.858     | 0.000   |
| 11   | 2  | 16.655              | 0.925       | 20.289       | 15.731     | 0.000   |
| 11   | 3  | 12.998              | 0.925       | 16.377       | 12.073     | 0.000   |
| 12   | 1  | 8.126               | 0.914       | 12.740       | 7.212      | 0.000   |
| 12   | 2  | 9.405               | 0.914       | 14.392       | 8.491      | 0.000   |
| 12   | 3  | 11.430              | 1.005       | 16.838       | 10.425     | 0.000   |
| Tot  | al | 721.877             | 33.401      | 880.108      | 688.476    | 0.000   |

| 1995 | Mu | si Mouth<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 15.905               | 0.491       | 21.832       | 15.511     | 0.000   |
| 1    | 2  | 26.126               | 0.491       | 32.300       | 25.732     | 0.000   |
| 1    | 3  | 40.477               | 0.540       | 47.415       | 40.043     | 0.000   |
| 2    | 1  | 42.500               | 0.543       | 49.463       | 42.065     | 0.000   |
| 2    | 2  | 34.114               | 0.543       | 40.869       | 33.679     | 0.000   |
| 2    | 3  | 31.915               | 0.434       | 37.485       | 31.566     | 0.000   |
| 3    | 1  | 32.145               | 0.491       | 38.202       | 31.751     | 0.000   |
| 3    | 2  | 36.486               | 0.491       | 42.720       | 36.093     | 0.000   |
| 3    | 3  | 38.083               | 0.540       | 44.803       | 37.650     | 0.000   |
| 4    | 1  | 36.145               | 0.705       | 43.179       | 35.580     | 0.000   |
| 4    | 2  | 36.394               | 0.705       | 43.537       | 35.829     | 0.000   |
| 4    | 3  | 41.415               | 0.705       | 48.822       | 40.849     | 0.000   |
| 5    | 1  | 39.753               | 0.683       | 46.820       | 39.205     | 0.000   |
| 5    | 2  | 27.762               | 0.683       | 34.519       | 27.215     | 0.000   |
| 5    | 3  | 24.978               | 0.751       | 32.546       | 24.376     | 0.000   |
| 6    | 1  | 16.989               | 0.705       | 23.992       | 16.424     | 0.000   |
| 6    | 2  | 13.322               | 0.705       | 20.266       | 12.757     | 0.000   |
| 6    | 3  | 12.922               | 0.705       | 19.900       | 12.357     | 0.000   |
| 7    | 1  | 13.081               | 0.683       | 19.773       | 12.534     | 0.000   |
| 7    | 2  | 12.102               | 0.683       | 18.881       | 11.555     | 0.000   |
| 7    | 3  | 10.949               | 0.751       | 18.231       | 10.347     | 0.000   |
| 8    | 1  | 9.736                | 0.671       | 14.378       | 9.197      | 0.000   |
| 8    | 2  | 8.325                | 0.671       | 12.843       | 7.787      | 0.000   |
| 8    | 3  | 7.704                | 0.738       | 12.651       | 7.112      | 0.000   |
| 9    | 1  | 11.467               | 0.007       | 12.186       | 11.460     | 0.000   |
| 9    | 2  | 13.452               | 0.007       | 14.148       | 13.446     | 0.000   |
| 9    | 3  | 12.021               | 0.007       | 12.725       | 12.015     | 0.000   |
| 10   | 1  | 13.560               | 0.007       | 14.259       | 13.553     | 0.000   |
| 10   | 2  | 12.304               | 0.007       | 12.998       | 12.297     | 0.000   |
| 10   | 3  | 15.629               | 0.007       | 16.431       | 15.622     | 0.000   |
| 11   | 1  | 11.640               | 0.497       | 16.162       | 11.241     | 0.000   |
| 11   | 2  | 16.688               | 0.497       | 21.246       | 16.288     | 0.000   |
| 11   | 3  | 13.078               | 0.497       | 17.382       | 12.679     | 0.000   |
| 12   | 1  | 8.359                | 0.491       | 13.886       | 7.965      | 0.000   |
| 12   | 2  | 10.112               | 0.491       | 16.013       | 9.718      | 0.000   |
| 12   | 3  | 13.098               | 0.540       | 19.511       | 12.664     | 0.000   |
| Tot  | al | 760.738              | 18.159      | 952.370      | 746.161    | 0.000   |



| 1996 |    | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 2.099   | 0.869    | 2.032     | 1.294        | 0.000      |         |
| 1    | 2  | 2.270   | 0.866    | 2.203     | 1.468        | 0.000      |         |
| 1    | 3  | 1.531   | 0.928    | 1.457     | 0.673        | 0.000      |         |
| 2    | 1  | 2.841   | 0.995    | 2.766     | 1.916        | 0.000      |         |
| 2    | 2  | 1.982   | 0.969    | 1.907     | 1.084        | 0.000      |         |
| 2    | 3  | 3.527   | 0.847    | 3.467     | 2.736        | 0.000      |         |
| 3    | 1  | 2.001   | 0.958    | 1.933     | 1.107        | 0.000      |         |
| 3    | 2  | 3.645   | 1.051    | 3.577     | 2.657        | 0.000      |         |
| 3    | 3  | 4.428   | 1.040    | 4.354     | 3.458        | 0.000      |         |
| 4    | 1  | 3.096   | 1.121    | 3.011     | 2.055        | 0.000      |         |
| 4    | 2  | 2.258   | 1.059    | 2.173     | 1.279        | 0.000      |         |
| 4    | 3  | 5.357   | 1.418    | 5.272     | 4.018        | 0.000      |         |
| 5    | 1  | 3.064   | 1.108    | 2.982     | 2.033        | 0.000      |         |
| 5    | 2  | 1.410   | 0.973    | 1.332     | 0.594        | 0.095      |         |
| 5    | 3  | 1.736   | 1.075    | 1.647     | 0.753        | 0.008      |         |
| 6    | 1  | 1.676   | 1.042    | 1.591     | 0.714        | 0.000      |         |
| 6    | 2  | 1.529   | 1.019    | 1.444     | 0.607        | 0.021      |         |
| 6    | 3  | 1.206   | 0.979    | 1.140     | 0.570        | 0.305      |         |
| 7    | 1  | 1.910   | 1.002    | 1.828     | 0.986        | 0.000      |         |
| 7    | 2  | 2.358   | 1.029    | 2.276     | 1.406        | 0.000      |         |
| 7    | 3  | 1.704   | 1.083    | 1.613     | 0.705        | 0.000      |         |
| 8    | 1  | 1.426   | 0.890    | 1.359     | 0.612        | 0.000      |         |
| 8    | 2  | 1.648   | 0.908    | 1.582     | 0.817        | 0.000      |         |
| 8    | 3  | 1.640   | 0.971    | 1.567     | 0.754        | 0.000      |         |
| 9    | 1  | 1.517   | 0.154    | 1.517     | 1.363        | 0.000      |         |
| 9    | 2  | 1.399   | 0.153    | 1.399     | 1.246        | 0.000      |         |
| 9    | 3  | 1.159   | 0.136    | 1.159     | 1.023        | 0.000      |         |
| 10   | 1  | 1.453   | 0.138    | 1.453     | 1.315        | 0.000      |         |
| 10   | 2  | 1.263   | 0.137    | 1.263     | 1.125        | 0.000      |         |
| 10   | 3  | 1.349   | 0.151    | 1.349     | 1.199        | 0.000      |         |
| 11   | 1  | 1.401   | 0.757    | 1.345     | 0.710        | 0.000      |         |
| 11   | 2  | 1.800   | 0.774    | 1.744     | 1.092        | 0.000      |         |
| 11   | 3  | 2.789   | 0.812    | 2.733     | 2.042        | 0.000      |         |
| 12   | 1  | 1.803   | 0.859    | 1.735     | 1.007        | 0.000      |         |
| 12   | 2  | 1.970   | 0.858    | 1.902     | 1.175        | 0.000      |         |
| 12   | 3  | 2.481   | 1.013    | 2.407     | 1.538        | 0.000      |         |
| Tot  | al | 76.727  | 30.142   | 74.522    | 49.132       | 0.430      |         |
|      |    |         |          |           |              |            |         |
| 1996 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 0.463   | 0.295    | 0.463     | 0.168        | 0.000      |         |
| 1    | 2  | 0.487   | 0.295    | 0.487     | 0.192        | 0.000      |         |
| 1    | 3  | 0.418   | 0.325    | 0.418     | 0.094        | 0.000      |         |
| 2    | 1  | 0.330   | 0.325    | 0.330     | 0.028        | 0.023      |         |
| 2    | 2  | 0.396   | 0.325    | 0.396     | 0.071        | 0.000      |         |
| 2    | 3  | 0.339   | 0.260    | 0.339     | 0.079        | 0.000      |         |
| 3    | 1  | 0.400   | 0.295    | 0.400     | 0.105        | 0.000      |         |
| 3    | 2  | 0.475   | 0.295    | 0.475     | 0.179        | 0.000      |         |
| 3    | 3  | 0.549   | 0.325    | 0.549     | 0.224        | 0.000      |         |
| 4    | 1  | 0.451   | 0.365    | 0.451     | 0.086        | 0.000      |         |
| 4    | 2  | 0.373   | 0.365    | 0.373     | 0.028        | 0.020      |         |
| 4    | 3  | 0.525   | 0.365    | 0.525     | 0.160        | 0.000      |         |
| 5    | 1  | 0.690   | 0.354    | 0.690     | 0.336        | 0.000      |         |
| 5    | 2  | 0.566   | 0.354    | 0.566     | 0.212        | 0.000      |         |
| 5    | 3  | 0.443   | 0.390    | 0.443     | 0.053        | 0.000      |         |
| 6    | 1  | 0.429   | 0.365    | 0.429     | 0.063        | 0.000      |         |
| 6    | 2  | 0.543   | 0.365    | 0.543     | 0.178        | 0.000      |         |
| 6    | 3  | 0.431   | 0.365    | 0.431     | 0.065        | 0.000      |         |
| 7    | 1  | 0.435   | 0.354    | 0.435     | 0.081        | 0.000      |         |
| 7    | 2  | 0.621   | 0.354    | 0.621     | 0.266        | 0.000      |         |
| 7    | 3  | 0.582   | 0.390    | 0.582     | 0.192        | 0.000      |         |
| 8    | 1  | 0.436   | 0.192    | 0.436     | 0.245        | 0.000      |         |
| 8    | 2  | 0.431   | 0.192    | 0.431     | 0.240        | 0.000      |         |
| 8    | 3  | 0.399   | 0.211    | 0.399     | 0.188        | 0.000      |         |
| 9    | 1  | 0.319   | 0.019    | 0.319     | 0.300        | 0.000      |         |
| 9    | 2  | 0.275   | 0.019    | 0.275     | 0.256        | 0.000      |         |
| 9    | 3  | 0.237   | 0.019    | 0.237     | 0.218        | 0.000      |         |
| 10   | 1  | 0.209   | 0.019    | 0.209     | 0.190        | 0.000      |         |
| 10   | 2  | 0.185   | 0.019    | 0.185     | 0.166        | 0.000      |         |
| 10   | 3  | 0.183   | 0.021    | 0.183     | 0.162        | 0.000      |         |
| 11   | 1  | 0.153   | 0.166    | 0.153     | 0.028        | 0.041      |         |
| 11   | 2  | 0.142   | 0.166    | 0.142     | 0.028        | 0.052      |         |
| 11   | 3  | 0.193   | 0.166    | 0.193     | 0.028        | 0.001      |         |
| 12   | 1  | 0.239   | 0.295    | 0.239     | 0.028        | 0.084      |         |
| 12   | 2  | 0.174   | 0.295    | 0.174     | 0.028        | 0.150      |         |
| 12   | 3  | 0.205   | 0.325    | 0.205     | 0.031        | 0.151      |         |
| Tot  | al | 13.727  | 9.252    | 13.727    | 4.996        | 0.522      |         |

| 1996 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.485    | 0.211     | 0.485        | 0.274        | 0.000      |         |
| 1    | 2  |          | 0.475    | 0.211     | 0.475        | 0.264        | 0.000      |         |
| 1    | 3  |          | 0.429    | 0.233     | 0.429        | 0.196        | 0.000      |         |
| 2    | 1  |          | 0.349    | 0.234     | 0.349        | 0.116        | 0.000      |         |
| 2    | 2  |          | 0.378    | 0.234     | 0.378        | 0.144        | 0.000      |         |
| 2    | 3  |          | 0.320    | 0.187     | 0.320        | 0.133        | 0.000      |         |
| 3    | 1  |          | 0.381    | 0.211     | 0.381        | 0.169        | 0.000      |         |
| 3    | 2  |          | 0.445    | 0.211     | 0.445        | 0.234        | 0.000      |         |
| 3    | 3  |          | 0.494    | 0.233     | 0.494        | 0.262        | 0.000      |         |
| 4    | 1  |          | 0.405    | 0.265     | 0.405        | 0.139        | 0.000      |         |
| 4    | 2  |          | 0.357    | 0.265     | 0.357        | 0.092        | 0.000      |         |
| 4    | 3  |          | 0.434    | 0.265     | 0.434        | 0.169        | 0.000      |         |
| 5    | 1  |          | 0.485    | 0.257     | 0.485        | 0.228        | 0.000      |         |
| 5    | 2  |          | 0.482    | 0.257     | 0.482        | 0.226        | 0.000      |         |
| 5    | 3  |          | 0.447    | 0.282     | 0.447        | 0.165        | 0.000      |         |
| 6    | 1  |          | 0.451    | 0.265     | 0.451        | 0.185        | 0.000      |         |
| 6    | 2  |          | 0.564    | 0.265     | 0.564        | 0.299        | 0.000      |         |
| 6    | 3  |          | 0.465    | 0.265     | 0.465        | 0.199        | 0.000      |         |
| 7    | 1  |          | 0.456    | 0.257     | 0.456        | 0.199        | 0.000      |         |
| 7    | 2  |          | 0.569    | 0.257     | 0.569        | 0.312        | 0.000      |         |
| 7    | 3  |          | 0.561    | 0.282     | 0.561        | 0.279        | 0.000      |         |
| 8    | 1  |          | 0.434    | 0.229     | 0.434        | 0.205        | 0.000      |         |
| 8    | 2  |          | 0.415    | 0.229     | 0.415        | 0.186        | 0.000      |         |
| 8    | 3  |          | 0.394    | 0.252     | 0.394        | 0.142        | 0.000      |         |
| 9    | 1  |          | 0.318    | 0.006     | 0.318        | 0.313        | 0.000      |         |
| 9    | 2  |          | 0.275    | 0.006     | 0.275        | 0.270        | 0.000      |         |
| 9    | 3  |          | 0.240    | 0.006     | 0.240        | 0.234        | 0.000      |         |
| 10   | 1  |          | 0.212    | 0.006     | 0.212        | 0.206        | 0.000      |         |
| 10   | 2  |          | 0.188    | 0.006     | 0.188        | 0.182        | 0.000      |         |
| 10   | 3  |          | 0.185    | 0.006     | 0.185        | 0.179        | 0.000      |         |
| 11   | 1  |          | 0.149    | 0.195     | 0.149        | 0.039        | 0.084      |         |
| 11   | 2  |          | 0.143    | 0.195     | 0.143        | 0.039        | 0.090      |         |
| 11   | 3  |          | 0.168    | 0.195     | 0.168        | 0.039        | 0.066      |         |
| 12   | 1  |          | 0.200    | 0.211     | 0.200        | 0.039        | 0.050      |         |
| 12   | 2  |          | 0.158    | 0.211     | 0.158        | 0.039        | 0.092      |         |
| 12   | 3  |          | 0.180    | 0.233     | 0.180        | 0.043        | 0.095      |         |
| Tot  | al |          | 13.095   | 7.132     | 13.095       | 6.440        | 0.478      |         |
|      |    |          |          |           |              |              |            |         |
| 1996 |    | U.       | Lakitan  | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.629    | 0.315     | 0.629        | 0.314        | 0.000      |         |
| 1    | 2  |          | 0.591    | 0.315     | 0.591        | 0.276        | 0.000      |         |
| 1    | 3  |          | 0.495    | 0.347     | 0.495        | 0.149        | 0.000      |         |
| 2    | 1  |          | 0.418    | 0.348     | 0.418        | 0.070        | 0.000      |         |
| 2    | 2  |          | 0.508    | 0.348     | 0.508        | 0.160        | 0.000      |         |
| 2    | 3  |          | 0.419    | 0.278     | 0.419        | 0.140        | 0.000      |         |
| 3    | 1  |          | 0.530    | 0.315     | 0.530        | 0.215        | 0.000      |         |
| 3    | 2  |          | 0.746    | 0.315     | 0.746        | 0.431        | 0.000      |         |
| 3    | 3  |          | 0.780    | 0.347     | 0.780        | 0.434        | 0.000      |         |
| 4    | 1  |          | 0.559    | 0.393     | 0.559        | 0.166        | 0.000      |         |
| 4    | 2  |          | 0.465    | 0.393     | 0.465        | 0.073        | 0.000      |         |
| 4    | 3  |          | 0.782    | 0.393     | 0.782        | 0.389        | 0.000      |         |
| 5    | 1  |          | 0.761    | 0.380     | 0.761        | 0.380        | 0.000      |         |
| 5    | 2  |          | 0.739    | 0.380     | 0.739        | 0.359        | 0.000      |         |
| 5    | 3  |          | 0.538    | 0.418     | 0.538        | 0.120        | 0.000      |         |
| 6    | 1  |          | 0.632    | 0.393     | 0.632        | 0.239        | 0.000      |         |
| 6    | 2  |          | 0.788    | 0.393     | 0.788        | 0.396        | 0.000      |         |
| 6    | 3  |          | 0.527    | 0.393     | 0.527        | 0.134        | 0.000      |         |
| 7    | 1  |          | 0.555    | 0.380     | 0.555        | 0.175        | 0.000      |         |
| 7    | 2  |          | 0.710    | 0.380     | 0.710        | 0.330        | 0.000      |         |
| 7    | 3  |          | 0.670    | 0.418     | 0.670        | 0.252        | 0.000      |         |
| 8    | 1  |          | 0.499    | 0.157     | 0.499        | 0.341        | 0.000      |         |
| 8    | 2  |          | 0.527    | 0.157     | 0.527        | 0.369        | 0.000      |         |
| 8    | 3  |          | 0.467    | 0.173     | 0.467        | 0.294        | 0.000      |         |
| 9    | 1  |          | 0.379    | 0.008     | 0.379        | 0.371        | 0.000      |         |
| 9    | 2  |          | 0.321    | 0.008     | 0.321        | 0.312        | 0.000      |         |
| 9    | 3  |          | 0.277    | 0.008     | 0.277        | 0.268        | 0.000      |         |
| 10   | 1  |          | 0.245    | 0.008     | 0.245        | 0.237        | 0.000      |         |
| 10   | 2  |          | 0.220    | 0.008     | 0.220        | 0.212        | 0.000      |         |
| 10   | 3  |          | 0.229    | 0.009     | 0.229        | 0.219        | 0.000      |         |
| 11   | 1  |          | 0.179    | 0.135     | 0.179        | 0.046        | 0.002      |         |
| 11   | 2  |          | 0.200    | 0.135     | 0.200        | 0.065        | 0.000      |         |
| 11   | 3  |          | 0.262    | 0.135     | 0.262        | 0.126        | 0.000      |         |
| 12   | 1  |          | 0.273    | 0.315     | 0.273        | 0.046        | 0.088      |         |
| 12   | 2  |          | 0.196    | 0.315     | 0.196        | 0.046        | 0.165      |         |
| 12   | 3  |          | 0.262    | 0.347     | 0.262        | 0.051        | 0.135      |         |
| Tot  | al |          | 17.378   | 9.563     | 17.378       | 8.205        | 0.390      |         |

| 1996 | L. | Lakitan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 0.495    | 0.038     | 0.749        | 0.458      | 0.000   |
| 1    | 2  |         | 0.455    | 0.038     | 0.709        | 0.418      | 0.000   |
| 1    | 3  |         | 0.323    | 0.041     | 0.603        | 0.282      | 0.000   |
| 2    | 1  |         | 0.225    | 0.041     | 0.506        | 0.185      | 0.000   |
| 2    | 2  |         | 0.323    | 0.041     | 0.604        | 0.283      | 0.000   |
| 2    | 3  |         | 0.276    | 0.033     | 0.500        | 0.244      | 0.000   |
| 3    | 1  |         | 0.373    | 0.038     | 0.627        | 0.336      | 0.000   |
| 3    | 2  |         | 0.608    | 0.038     | 0.862        | 0.570      | 0.000   |
| 3    | 3  |         | 0.634    | 0.041     | 0.913        | 0.592      | 0.000   |
| 4    | 1  |         | 0.349    | 0.046     | 0.665        | 0.303      | 0.000   |
| 4    | 2  |         | 0.243    | 0.046     | 0.559        | 0.197      | 0.000   |
| 4    | 3  |         | 0.581    | 0.046     | 0.897        | 0.535      | 0.000   |
| 5    | 1  |         | 0.583    | 0.044     | 0.889        | 0.539      | 0.000   |
| 5    | 2  |         | 0.560    | 0.044     | 0.866        | 0.515      | 0.000   |
| 5    | 3  |         | 0.317    | 0.049     | 0.654        | 0.269      | 0.000   |
| 6    | 1  |         | 0.431    | 0.046     | 0.747        | 0.386      | 0.000   |
| 6    | 2  |         | 0.621    | 0.046     | 0.937        | 0.575      | 0.000   |
| 6    | 3  |         | 0.329    | 0.046     | 0.645        | 0.284      | 0.000   |
| 7    | 1  |         | 0.364    | 0.044     | 0.670        | 0.320      | 0.000   |
| 7    | 2  |         | 0.546    | 0.044     | 0.852        | 0.501      | 0.000   |
| 7    | 3  |         | 0.474    | 0.049     | 0.810        | 0.425      | 0.000   |
| 8    | 1  |         | 0.480    | 0.037     | 0.607        | 0.443      | 0.000   |
| 8    | 2  |         | 0.504    | 0.037     | 0.632        | 0.467      | 0.000   |
| 8    | 3  |         | 0.427    | 0.040     | 0.567        | 0.387      | 0.000   |
| 9    | 1  |         | 0.452    | 0.006     | 0.461        | 0.446      | 0.000   |
| 9    | 2  |         | 0.382    | 0.006     | 0.391        | 0.377      | 0.000   |
| 9    | 3  |         | 0.329    | 0.006     | 0.337        | 0.323      | 0.000   |
| 10   | 1  |         | 0.290    | 0.006     | 0.299        | 0.284      | 0.000   |
| 10   | 2  |         | 0.259    | 0.006     | 0.268        | 0.254      | 0.000   |
| 10   | 3  |         | 0.266    | 0.006     | 0.276        | 0.260      | 0.000   |
| 11   | 1  |         | 0.109    | 0.032     | 0.218        | 0.077      | 0.000   |
| 11   | 2  |         | 0.128    | 0.032     | 0.238        | 0.096      | 0.000   |
| 11   | 3  |         | 0.197    | 0.032     | 0.307        | 0.165      | 0.000   |
| 12   | 1  |         | 0.143    | 0.038     | 0.326        | 0.106      | 0.000   |
| 12   | 2  |         | 0.117    | 0.038     | 0.239        | 0.079      | 0.000   |
| 12   | 3  |         | 0.139    | 0.041     | 0.310        | 0.098      | 0.000   |
| Tot  | al |         | 13.336   | 1.256     | 20.734       | 12.079     | 0.000   |
| 1996 |    | M. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 2.790    | 0.072     | 4.209        | 2.718      | 0.000   |
| 1    | 2  |         | 3.001    | 0.072     | 4.417        | 2.929      | 0.000   |
| 1    | 3  |         | 2.001    | 0.079     | 3.535        | 1.922      | 0.000   |
| 2    | 1  |         | 3.019    | 0.079     | 4.601        | 2.939      | 0.000   |
| 2    | 2  |         | 2.644    | 0.079     | 4.218        | 2.565      | 0.000   |
| 2    | 3  |         | 4.191    | 0.063     | 5.522        | 4.127      | 0.000   |
| 3    | 1  |         | 2.626    | 0.072     | 4.134        | 2.554      | 0.000   |
| 3    | 2  |         | 4.432    | 0.072     | 6.033        | 4.360      | 0.000   |
| 3    | 3  |         | 5.914    | 0.079     | 7.559        | 5.835      | 0.000   |
| 4    | 1  |         | 3.998    | 0.089     | 5.800        | 3.908      | 0.000   |
| 4    | 2  |         | 2.489    | 0.089     | 4.214        | 2.400      | 0.000   |
| 4    | 3  |         | 5.777    | 0.089     | 7.876        | 5.687      | 0.000   |
| 5    | 1  |         | 3.941    | 0.086     | 5.709        | 3.854      | 0.000   |
| 5    | 2  |         | 2.148    | 0.086     | 3.706        | 2.061      | 0.000   |
| 5    | 3  |         | 1.816    | 0.095     | 3.612        | 1.721      | 0.000   |
| 6    | 1  |         | 1.849    | 0.089     | 3.573        | 1.760      | 0.000   |
| 6    | 2  |         | 2.127    | 0.089     | 3.809        | 2.037      | 0.000   |
| 6    | 3  |         | 1.543    | 0.089     | 2.959        | 1.454      | 0.000   |
| 7    | 1  |         | 1.970    | 0.086     | 3.633        | 1.883      | 0.000   |
| 7    | 2  |         | 2.855    | 0.086     | 4.545        | 2.769      | 0.000   |
| 7    | 3  |         | 1.985    | 0.095     | 3.795        | 1.890      | 0.000   |
| 8    | 1  |         | 1.810    | 0.070     | 3.044        | 1.740      | 0.000   |
| 8    | 2  |         | 2.020    | 0.070     | 3.272        | 1.950      | 0.000   |
| 8    | 3  |         | 1.787    | 0.077     | 3.135        | 1.710      | 0.000   |
| 9    | 1  |         | 2.667    | 0.004     | 2.860        | 2.663      | 0.000   |
| 9    | 2  |         | 2.567    | 0.004     | 2.759        | 2.563      | 0.000   |
| 9    | 3  |         | 2.391    | 0.004     | 2.566        | 2.387      | 0.000   |
| 10   | 1  |         | 2.600    | 0.004     | 2.776        | 2.596      | 0.000   |
| 10   | 2  |         | 2.372    | 0.004     | 2.548        | 2.368      | 0.000   |
| 10   | 3  |         | 2.413    | 0.005     | 2.606        | 2.408      | 0.000   |
| 11   | 1  |         | 1.443    | 0.060     | 2.396        | 1.383      | 0.000   |
| 11   | 2  |         | 1.706    | 0.060     | 2.663        | 1.646      | 0.000   |
| 11   | 3  |         | 2.679    | 0.060     | 3.735        | 2.618      | 0.000   |
| 12   | 1  |         | 1.572    | 0.072     | 2.803        | 1.500      | 0.000   |
| 12   | 2  |         | 1.642    | 0.072     | 2.725        | 1.570      | 0.000   |
| 12   | 3  |         | 2.024    | 0.079     | 3.337        | 1.944      | 0.000   |
| Tot  | al |         | 94.808   | 2.386     | 140.683      | 92.421     | 0.000   |

| 1996 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.590    | 0.242     | 0.590        | 0.348      | 0.000   |
| 1    | 2  |          | 0.540    | 0.242     | 0.540        | 0.298      | 0.000   |
| 1    | 3  |          | 0.732    | 0.267     | 0.732        | 0.466      | 0.000   |
| 2    | 1  |          | 0.729    | 0.268     | 0.729        | 0.462      | 0.000   |
| 2    | 2  |          | 0.647    | 0.268     | 0.647        | 0.380      | 0.000   |
| 2    | 3  |          | 0.685    | 0.214     | 0.685        | 0.470      | 0.000   |
| 3    | 1  |          | 1.515    | 0.242     | 1.515        | 1.273      | 0.000   |
| 3    | 2  |          | 2.183    | 0.242     | 2.183        | 1.941      | 0.000   |
| 3    | 3  |          | 2.435    | 0.267     | 2.435        | 2.168      | 0.000   |
| 4    | 1  |          | 1.727    | 0.302     | 1.727        | 1.424      | 0.000   |
| 4    | 2  |          | 1.044    | 0.302     | 1.044        | 0.742      | 0.000   |
| 4    | 3  |          | 1.042    | 0.302     | 1.042        | 0.739      | 0.000   |
| 5    | 1  |          | 1.109    | 0.293     | 1.109        | 0.816      | 0.000   |
| 5    | 2  |          | 1.179    | 0.293     | 1.179        | 0.886      | 0.000   |
| 5    | 3  |          | 1.013    | 0.322     | 1.013        | 0.690      | 0.000   |
| 6    | 1  |          | 0.772    | 0.302     | 0.772        | 0.470      | 0.000   |
| 6    | 2  |          | 0.692    | 0.302     | 0.692        | 0.390      | 0.000   |
| 6    | 3  |          | 0.593    | 0.302     | 0.593        | 0.291      | 0.000   |
| 7    | 1  |          | 0.521    | 0.293     | 0.521        | 0.228      | 0.000   |
| 7    | 2  |          | 0.462    | 0.293     | 0.462        | 0.169      | 0.000   |
| 7    | 3  |          | 0.435    | 0.322     | 0.435        | 0.113      | 0.000   |
| 8    | 1  |          | 0.350    | 0.236     | 0.350        | 0.115      | 0.000   |
| 8    | 2  |          | 0.409    | 0.236     | 0.409        | 0.174      | 0.000   |
| 8    | 3  |          | 0.440    | 0.259     | 0.440        | 0.180      | 0.000   |
| 9    | 1  |          | 0.536    | 0.005     | 0.536        | 0.531      | 0.000   |
| 9    | 2  |          | 0.686    | 0.005     | 0.686        | 0.682      | 0.000   |
| 9    | 3  |          | 0.714    | 0.005     | 0.714        | 0.710      | 0.000   |
| 10   | 1  |          | 0.773    | 0.005     | 0.773        | 0.768      | 0.000   |
| 10   | 2  |          | 0.799    | 0.005     | 0.799        | 0.794      | 0.000   |
| 10   | 3  |          | 0.612    | 0.005     | 0.612        | 0.607      | 0.000   |
| 11   | 1  |          | 0.723    | 0.201     | 0.723        | 0.521      | 0.000   |
| 11   | 2  |          | 0.699    | 0.201     | 0.699        | 0.498      | 0.000   |
| 11   | 3  |          | 1.458    | 0.201     | 1.458        | 1.256      | 0.000   |
| 12   | 1  |          | 1.445    | 0.242     | 1.445        | 1.203      | 0.000   |
| 12   | 2  |          | 1.539    | 0.242     | 1.539        | 1.297      | 0.000   |
| 12   | 3  |          | 1.627    | 0.267     | 1.627        | 1.361      | 0.000   |
| Tot  | al |          | 33.454   | 7.995     | 33.454       | 25.459     | 0.000   |
|      |    |          |          |           |              |            |         |
| 1996 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.419    | 0.174     | 0.614        | 0.260      | 0.015   |
| 1    | 2  |          | 0.433    | 0.174     | 0.627        | 0.260      | 0.002   |
| 1    | 3  |          | 0.628    | 0.191     | 0.842        | 0.436      | 0.000   |
| 2    | 1  |          | 0.602    | 0.192     | 0.817        | 0.410      | 0.000   |
| 2    | 2  |          | 0.551    | 0.192     | 0.766        | 0.359      | 0.000   |
| 2    | 3  |          | 0.677    | 0.154     | 0.849        | 0.523      | 0.000   |
| 3    | 1  |          | 1.566    | 0.174     | 1.761        | 1.392      | 0.000   |
| 3    | 2  |          | 2.328    | 0.174     | 2.523        | 2.154      | 0.000   |
| 3    | 3  |          | 2.760    | 0.191     | 2.974        | 2.569      | 0.000   |
| 4    | 1  |          | 2.025    | 0.219     | 2.268        | 1.805      | 0.000   |
| 4    | 2  |          | 1.152    | 0.219     | 1.395        | 0.933      | 0.000   |
| 4    | 3  |          | 1.074    | 0.219     | 1.317        | 0.855      | 0.000   |
| 5    | 1  |          | 1.130    | 0.212     | 1.365        | 0.918      | 0.000   |
| 5    | 2  |          | 1.203    | 0.212     | 1.438        | 0.990      | 0.000   |
| 5    | 3  |          | 0.984    | 0.234     | 1.243        | 0.750      | 0.000   |
| 6    | 1  |          | 0.725    | 0.219     | 0.968        | 0.506      | 0.000   |
| 6    | 2  |          | 0.657    | 0.219     | 0.900        | 0.438      | 0.000   |
| 6    | 3  |          | 0.524    | 0.219     | 0.767        | 0.305      | 0.000   |
| 7    | 1  |          | 0.420    | 0.212     | 0.655        | 0.260      | 0.052   |
| 7    | 2  |          | 0.342    | 0.212     | 0.577        | 0.260      | 0.131   |
| 7    | 3  |          | 0.289    | 0.234     | 0.548        | 0.286      | 0.230   |
| 8    | 1  |          | 0.256    | 0.174     | 0.446        | 0.256      | 0.174   |
| 8    | 2  |          | 0.306    | 0.174     | 0.495        | 0.260      | 0.129   |
| 8    | 3  |          | 0.320    | 0.192     | 0.528        | 0.286      | 0.158   |
| 9    | 1  |          | 0.706    | 0.005     | 0.710        | 0.700      | 0.000   |
| 9    | 2  |          | 1.052    | 0.005     | 1.057        | 1.047      | 0.000   |
| 9    | 3  |          | 1.249    | 0.005     | 1.254        | 1.244      | 0.000   |
| 10   | 1  |          | 1.426    | 0.005     | 1.431        | 1.421      | 0.000   |
| 10   | 2  |          | 1.398    | 0.005     | 1.402        | 1.393      | 0.000   |
| 10   | 3  |          | 1.614    | 0.006     | 1.619        | 1.608      | 0.000   |
| 11   | 1  |          | 1.377    | 0.147     | 1.539        | 1.230      | 0.000   |
| 11   | 2  |          | 1.303    | 0.147     | 1.465        | 1.156      | 0.000   |
| 11   | 3  |          | 1.936    | 0.147     | 2.098        | 1.789      | 0.000   |
| 12   | 1  |          | 2.256    | 0.174     | 2.451        | 2.082      | 0.000   |
| 12   | 2  |          | 1.921    | 0.174     | 2.115        | 1.747      | 0.000   |
| 12   | 3  |          | 1.862    | 0.191     | 2.077        | 1.671      | 0.000   |
| Tot  | al |          | 39.471   | 5.803     | 45.900       | 34.558     | 0.891   |

| 1996 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.653    | 0.328     | 0.653        | 0.326        | 0.000      |         |
| 1    | 2  |          | 0.638    | 0.328     | 0.638        | 0.310        | 0.000      |         |
| 1    | 3  |          | 0.777    | 0.361     | 0.777        | 0.417        | 0.000      |         |
| 2    | 1  |          | 0.788    | 0.363     | 0.788        | 0.425        | 0.000      |         |
| 2    | 2  |          | 0.703    | 0.363     | 0.703        | 0.340        | 0.000      |         |
| 2    | 3  |          | 0.709    | 0.290     | 0.709        | 0.419        | 0.000      |         |
| 3    | 1  |          | 1.458    | 0.328     | 1.458        | 1.130        | 0.000      |         |
| 3    | 2  |          | 2.194    | 0.328     | 2.194        | 1.866        | 0.000      |         |
| 3    | 3  |          | 2.654    | 0.361     | 2.654        | 2.293        | 0.000      |         |
| 4    | 1  |          | 2.000    | 0.470     | 2.000        | 1.530        | 0.000      |         |
| 4    | 2  |          | 1.357    | 0.470     | 1.357        | 0.887        | 0.000      |         |
| 4    | 3  |          | 1.156    | 0.470     | 1.156        | 0.686        | 0.000      |         |
| 5    | 1  |          | 1.147    | 0.455     | 1.147        | 0.692        | 0.000      |         |
| 5    | 2  |          | 1.204    | 0.455     | 1.204        | 0.749        | 0.000      |         |
| 5    | 3  |          | 1.140    | 0.501     | 1.140        | 0.640        | 0.000      |         |
| 6    | 1  |          | 0.873    | 0.470     | 0.873        | 0.402        | 0.000      |         |
| 6    | 2  |          | 0.785    | 0.470     | 0.785        | 0.314        | 0.000      |         |
| 6    | 3  |          | 0.690    | 0.470     | 0.690        | 0.219        | 0.000      |         |
| 7    | 1  |          | 0.605    | 0.455     | 0.605        | 0.150        | 0.000      |         |
| 7    | 2  |          | 0.537    | 0.455     | 0.537        | 0.082        | 0.000      |         |
| 7    | 3  |          | 0.510    | 0.501     | 0.510        | 0.059        | 0.050      |         |
| 8    | 1  |          | 0.408    | 0.451     | 0.408        | 0.054        | 0.097      |         |
| 8    | 2  |          | 0.421    | 0.451     | 0.421        | 0.054        | 0.084      |         |
| 8    | 3  |          | 0.471    | 0.496     | 0.471        | 0.059        | 0.084      |         |
| 9    | 1  |          | 0.530    | 0.002     | 0.530        | 0.528        | 0.000      |         |
| 9    | 2  |          | 0.676    | 0.002     | 0.676        | 0.674        | 0.000      |         |
| 9    | 3  |          | 0.744    | 0.002     | 0.744        | 0.742        | 0.000      |         |
| 10   | 1  |          | 0.801    | 0.002     | 0.801        | 0.799        | 0.000      |         |
| 10   | 2  |          | 0.828    | 0.002     | 0.828        | 0.826        | 0.000      |         |
| 10   | 3  |          | 0.733    | 0.002     | 0.733        | 0.731        | 0.000      |         |
| 11   | 1  |          | 0.737    | 0.335     | 0.737        | 0.402        | 0.000      |         |
| 11   | 2  |          | 0.716    | 0.335     | 0.716        | 0.381        | 0.000      |         |
| 11   | 3  |          | 1.184    | 0.335     | 1.184        | 0.849        | 0.000      |         |
| 12   | 1  |          | 1.454    | 0.328     | 1.454        | 1.126        | 0.000      |         |
| 12   | 2  |          | 1.542    | 0.328     | 1.542        | 1.214        | 0.000      |         |
| 12   | 3  |          | 1.818    | 0.361     | 1.818        | 1.457        | 0.000      |         |
| Tot  | al |          | 35.640   | 12.125    | 35.640       | 23.831       | 0.316      |         |
|      |    |          |          |           |              |              |            |         |
| 1996 |    | U.       | Lematang | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 3.327    | 0.475     | 3.327        | 2.852        | 0.000      |         |
| 1    | 2  |          | 1.871    | 0.475     | 1.871        | 1.396        | 0.000      |         |
| 1    | 3  |          | 3.118    | 0.522     | 3.118        | 2.595        | 0.000      |         |
| 2    | 1  |          | 3.394    | 0.523     | 3.394        | 2.871        | 0.000      |         |
| 2    | 2  |          | 5.332    | 0.523     | 5.332        | 4.809        | 0.000      |         |
| 2    | 3  |          | 3.539    | 0.418     | 3.539        | 3.121        | 0.000      |         |
| 3    | 1  |          | 1.888    | 0.475     | 1.888        | 1.413        | 0.000      |         |
| 3    | 2  |          | 3.602    | 0.475     | 3.602        | 3.127        | 0.000      |         |
| 3    | 3  |          | 7.032    | 0.522     | 7.032        | 6.510        | 0.000      |         |
| 4    | 1  |          | 3.508    | 0.521     | 3.508        | 2.987        | 0.000      |         |
| 4    | 2  |          | 2.549    | 0.521     | 2.549        | 2.029        | 0.000      |         |
| 4    | 3  |          | 3.338    | 0.521     | 3.338        | 2.817        | 0.000      |         |
| 5    | 1  |          | 1.532    | 0.505     | 1.532        | 1.027        | 0.000      |         |
| 5    | 2  |          | 1.298    | 0.505     | 1.298        | 0.793        | 0.000      |         |
| 5    | 3  |          | 1.484    | 0.555     | 1.484        | 0.929        | 0.000      |         |
| 6    | 1  |          | 1.303    | 0.521     | 1.303        | 0.782        | 0.000      |         |
| 6    | 2  |          | 1.267    | 0.521     | 1.267        | 0.747        | 0.000      |         |
| 6    | 3  |          | 1.055    | 0.521     | 1.055        | 0.534        | 0.000      |         |
| 7    | 1  |          | 1.018    | 0.505     | 1.018        | 0.513        | 0.000      |         |
| 7    | 2  |          | 1.146    | 0.505     | 1.146        | 0.641        | 0.000      |         |
| 7    | 3  |          | 1.231    | 0.555     | 1.231        | 0.676        | 0.000      |         |
| 8    | 1  |          | 1.208    | 0.505     | 1.208        | 0.703        | 0.000      |         |
| 8    | 2  |          | 1.090    | 0.505     | 1.090        | 0.585        | 0.000      |         |
| 8    | 3  |          | 1.247    | 0.555     | 1.247        | 0.691        | 0.000      |         |
| 9    | 1  |          | 1.963    | 0.028     | 1.963        | 1.935        | 0.000      |         |
| 9    | 2  |          | 2.778    | 0.028     | 2.778        | 2.750        | 0.000      |         |
| 9    | 3  |          | 2.945    | 0.028     | 2.945        | 2.917        | 0.000      |         |
| 10   | 1  |          | 3.279    | 0.028     | 3.279        | 3.251        | 0.000      |         |
| 10   | 2  |          | 2.387    | 0.028     | 2.387        | 2.359        | 0.000      |         |
| 10   | 3  |          | 2.645    | 0.031     | 2.645        | 2.614        | 0.000      |         |
| 11   | 1  |          | 2.264    | 0.490     | 2.264        | 1.774        | 0.000      |         |
| 11   | 2  |          | 1.530    | 0.490     | 1.530        | 1.041        | 0.000      |         |
| 11   | 3  |          | 1.729    | 0.490     | 1.729        | 1.239        | 0.000      |         |
| 12   | 1  |          | 1.353    | 0.475     | 1.353        | 0.878        | 0.000      |         |
| 12   | 2  |          | 1.089    | 0.475     | 1.089        | 0.614        | 0.000      |         |
| 12   | 3  |          | 1.013    | 0.522     | 1.013        | 0.490        | 0.000      |         |
| Tot  | al |          | 82.351   | 15.340    | 82.351       | 67.011       | 0.000      |         |

| 1996 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 4.582                | 0.420       | 4.967        | 4.162      | 0.000   |
| 1    | 2  | 3.023                | 0.420       | 3.408        | 2.603      | 0.000   |
| 1    | 3  | 4.725                | 0.462       | 5.149        | 4.263      | 0.000   |
| 2    | 1  | 6.101                | 0.464       | 6.525        | 5.637      | 0.000   |
| 2    | 2  | 8.834                | 0.464       | 9.257        | 8.370      | 0.000   |
| 2    | 3  | 5.881                | 0.371       | 6.220        | 5.510      | 0.000   |
| 3    | 1  | 4.278                | 0.420       | 4.663        | 3.858      | 0.000   |
| 3    | 2  | 5.384                | 0.420       | 5.770        | 4.964      | 0.000   |
| 3    | 3  | 9.756                | 0.462       | 10.180       | 9.295      | 0.000   |
| 4    | 1  | 6.253                | 0.566       | 6.675        | 5.687      | 0.000   |
| 4    | 2  | 4.742                | 0.566       | 5.165        | 4.177      | 0.000   |
| 4    | 3  | 7.253                | 0.566       | 7.675        | 6.687      | 0.000   |
| 5    | 1  | 4.856                | 0.548       | 5.266        | 4.309      | 0.000   |
| 5    | 2  | 3.027                | 0.548       | 3.436        | 2.479      | 0.000   |
| 5    | 3  | 2.872                | 0.602       | 3.322        | 2.269      | 0.000   |
| 6    | 1  | 2.410                | 0.566       | 2.832        | 1.845      | 0.000   |
| 6    | 2  | 2.295                | 0.566       | 2.717        | 1.729      | 0.000   |
| 6    | 3  | 1.904                | 0.566       | 2.326        | 1.339      | 0.000   |
| 7    | 1  | 1.749                | 0.548       | 2.159        | 1.202      | 0.000   |
| 7    | 2  | 1.868                | 0.548       | 2.277        | 1.320      | 0.000   |
| 7    | 3  | 1.841                | 0.602       | 2.291        | 1.238      | 0.000   |
| 8    | 1  | 1.642                | 0.548       | 2.052        | 1.095      | 0.000   |
| 8    | 2  | 1.431                | 0.548       | 1.840        | 0.883      | 0.000   |
| 8    | 3  | 1.535                | 0.602       | 1.986        | 0.933      | 0.000   |
| 9    | 1  | 2.671                | 0.009       | 2.699        | 2.661      | 0.000   |
| 9    | 2  | 3.708                | 0.009       | 3.737        | 3.699      | 0.000   |
| 9    | 3  | 3.732                | 0.009       | 3.760        | 3.722      | 0.000   |
| 10   | 1  | 4.073                | 0.009       | 4.101        | 4.063      | 0.000   |
| 10   | 2  | 3.228                | 0.009       | 3.256        | 3.218      | 0.000   |
| 10   | 3  | 3.473                | 0.010       | 3.503        | 3.462      | 0.000   |
| 11   | 1  | 2.521                | 0.433       | 2.919        | 2.088      | 0.000   |
| 11   | 2  | 1.721                | 0.433       | 2.119        | 1.288      | 0.000   |
| 11   | 3  | 2.097                | 0.433       | 2.495        | 1.664      | 0.000   |
| 12   | 1  | 1.945                | 0.420       | 2.331        | 1.525      | 0.000   |
| 12   | 2  | 1.561                | 0.420       | 1.946        | 1.141      | 0.000   |
| 12   | 3  | 1.364                | 0.462       | 1.788        | 0.902      | 0.000   |
| Tot  | al | 130.336              | 15.047      | 142.812      | 115.289    | 0.000   |
|      |    |                      |             |              |            |         |
| 1996 |    | U. Ogan<br>Water R.  | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 3.273                | 0.354       | 3.273        | 2.918      | 0.000   |
| 1    | 2  | 1.806                | 0.354       | 1.806        | 1.452      | 0.000   |
| 1    | 3  | 2.485                | 0.390       | 2.485        | 2.095      | 0.000   |
| 2    | 1  | 2.914                | 0.388       | 2.914        | 2.525      | 0.000   |
| 2    | 2  | 3.079                | 0.388       | 3.079        | 2.690      | 0.000   |
| 2    | 3  | 2.360                | 0.311       | 2.360        | 2.050      | 0.000   |
| 3    | 1  | 1.759                | 0.354       | 1.759        | 1.404      | 0.000   |
| 3    | 2  | 1.880                | 0.354       | 1.880        | 1.525      | 0.000   |
| 3    | 3  | 2.843                | 0.390       | 2.843        | 2.454      | 0.000   |
| 4    | 1  | 2.400                | 0.379       | 2.400        | 2.020      | 0.000   |
| 4    | 2  | 1.520                | 0.379       | 1.520        | 1.140      | 0.000   |
| 4    | 3  | 2.512                | 0.379       | 2.512        | 2.133      | 0.000   |
| 5    | 1  | 1.784                | 0.368       | 1.784        | 1.416      | 0.000   |
| 5    | 2  | 1.115                | 0.368       | 1.115        | 0.746      | 0.000   |
| 5    | 3  | 1.095                | 0.405       | 1.095        | 0.690      | 0.000   |
| 6    | 1  | 0.988                | 0.379       | 0.988        | 0.608      | 0.000   |
| 6    | 2  | 0.825                | 0.379       | 0.825        | 0.445      | 0.000   |
| 6    | 3  | 0.697                | 0.379       | 0.697        | 0.318      | 0.000   |
| 7    | 1  | 0.674                | 0.368       | 0.674        | 0.305      | 0.000   |
| 7    | 2  | 0.763                | 0.368       | 0.763        | 0.394      | 0.000   |
| 7    | 3  | 0.606                | 0.405       | 0.606        | 0.201      | 0.000   |
| 8    | 1  | 0.497                | 0.105       | 0.497        | 0.392      | 0.000   |
| 8    | 2  | 0.532                | 0.105       | 0.532        | 0.427      | 0.000   |
| 8    | 3  | 0.488                | 0.116       | 0.488        | 0.373      | 0.000   |
| 9    | 1  | 0.578                | 0.037       | 0.578        | 0.541      | 0.000   |
| 9    | 2  | 0.748                | 0.037       | 0.748        | 0.711      | 0.000   |
| 9    | 3  | 0.720                | 0.037       | 0.720        | 0.683      | 0.000   |
| 10   | 1  | 0.700                | 0.037       | 0.700        | 0.663      | 0.000   |
| 10   | 2  | 0.712                | 0.037       | 0.712        | 0.675      | 0.000   |
| 10   | 3  | 0.762                | 0.041       | 0.762        | 0.721      | 0.000   |
| 11   | 1  | 0.692                | 0.141       | 0.692        | 0.551      | 0.000   |
| 11   | 2  | 0.521                | 0.141       | 0.521        | 0.381      | 0.000   |
| 11   | 3  | 0.868                | 0.141       | 0.868        | 0.727      | 0.000   |
| 12   | 1  | 0.880                | 0.354       | 0.880        | 0.526      | 0.000   |
| 12   | 2  | 0.882                | 0.354       | 0.882        | 0.528      | 0.000   |
| 12   | 3  | 0.866                | 0.390       | 0.866        | 0.476      | 0.000   |
| Tot  | al | 47.824               | 9.918       | 47.824       | 37.906     | 0.000   |

| 1996 |    | L. Ogan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 4.325   | 0.586    | 4.616     | 3.739        | 0.000      |         |
| 1    | 2  | 2.538   | 0.586    | 2.829     | 1.953        | 0.000      |         |
| 1    | 3  | 3.309   | 0.644    | 3.629     | 2.664        | 0.000      |         |
| 2    | 1  | 4.464   | 0.647    | 4.783     | 3.817        | 0.000      |         |
| 2    | 2  | 4.900   | 0.647    | 5.218     | 4.253        | 0.000      |         |
| 2    | 3  | 3.954   | 0.518    | 4.208     | 3.436        | 0.000      |         |
| 3    | 1  | 3.112   | 0.586    | 3.403     | 2.527        | 0.000      |         |
| 3    | 2  | 3.268   | 0.586    | 3.559     | 2.683        | 0.000      |         |
| 3    | 3  | 4.596   | 0.644    | 4.916     | 3.951        | 0.000      |         |
| 4    | 1  | 3.997   | 0.163    | 4.308     | 3.834        | 0.000      |         |
| 4    | 2  | 2.878   | 0.163    | 3.189     | 2.715        | 0.000      |         |
| 4    | 3  | 4.309   | 0.163    | 4.620     | 4.146        | 0.000      |         |
| 5    | 1  | 3.295   | 0.158    | 3.597     | 3.137        | 0.000      |         |
| 5    | 2  | 2.038   | 0.158    | 2.340     | 1.880        | 0.000      |         |
| 5    | 3  | 1.879   | 0.174    | 2.211     | 1.705        | 0.000      |         |
| 6    | 1  | 1.667   | 0.163    | 1.978     | 1.504        | 0.000      |         |
| 6    | 2  | 1.451   | 0.163    | 1.762     | 1.289        | 0.000      |         |
| 6    | 3  | 1.192   | 0.163    | 1.503     | 1.030        | 0.000      |         |
| 7    | 1  | 1.051   | 0.158    | 1.353     | 0.893        | 0.000      |         |
| 7    | 2  | 1.117   | 0.158    | 1.419     | 0.959        | 0.000      |         |
| 7    | 3  | 0.893   | 0.174    | 1.225     | 0.719        | 0.000      |         |
| 8    | 1  | 0.901   | 0.122    | 0.992     | 0.779        | 0.000      |         |
| 8    | 2  | 0.871   | 0.122    | 0.962     | 0.749        | 0.000      |         |
| 8    | 3  | 0.825   | 0.134    | 0.926     | 0.691        | 0.000      |         |
| 9    | 1  | 0.955   | 0.009    | 0.992     | 0.946        | 0.000      |         |
| 9    | 2  | 1.186   | 0.009    | 1.223     | 1.176        | 0.000      |         |
| 9    | 3  | 1.053   | 0.009    | 1.090     | 1.043        | 0.000      |         |
| 10   | 1  | 1.004   | 0.009    | 1.041     | 0.995        | 0.000      |         |
| 10   | 2  | 1.112   | 0.009    | 1.149     | 1.103        | 0.000      |         |
| 10   | 3  | 1.239   | 0.010    | 1.280     | 1.228        | 0.000      |         |
| 11   | 1  | 0.928   | 0.574    | 1.048     | 0.354        | 0.000      |         |
| 11   | 2  | 0.774   | 0.574    | 0.894     | 0.257        | 0.057      |         |
| 11   | 3  | 1.378   | 0.574    | 1.497     | 0.803        | 0.000      |         |
| 12   | 1  | 1.273   | 0.586    | 1.564     | 0.687        | 0.000      |         |
| 12   | 2  | 1.136   | 0.586    | 1.427     | 0.550        | 0.000      |         |
| 12   | 3  | 1.029   | 0.644    | 1.349     | 0.385        | 0.000      |         |
| Tot  | al | 75.896  | 11.371   | 84.102    | 64.582       | 0.057      |         |

| 1996 | U. | Komering | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.902    | 0.884    | 1.902     | 1.018        | 0.000      |         |
| 1    | 2  | 2.639    | 0.884    | 2.639     | 1.755        | 0.000      |         |
| 1    | 3  | 1.812    | 0.972    | 1.812     | 0.840        | 0.000      |         |
| 2    | 1  | 1.572    | 0.973    | 1.572     | 0.600        | 0.000      |         |
| 2    | 2  | 2.213    | 0.973    | 2.213     | 1.240        | 0.000      |         |
| 2    | 3  | 2.704    | 0.778    | 2.704     | 1.926        | 0.000      |         |
| 3    | 1  | 2.071    | 0.884    | 2.071     | 1.187        | 0.000      |         |
| 3    | 2  | 1.739    | 0.884    | 1.739     | 0.856        | 0.000      |         |
| 3    | 3  | 3.164    | 0.972    | 3.164     | 2.192        | 0.000      |         |
| 4    | 1  | 3.031    | 1.094    | 3.031     | 1.937        | 0.000      |         |
| 4    | 2  | 1.919    | 1.094    | 1.919     | 0.825        | 0.000      |         |
| 4    | 3  | 3.032    | 1.094    | 3.032     | 1.938        | 0.000      |         |
| 5    | 1  | 3.671    | 1.060    | 3.671     | 2.611        | 0.000      |         |
| 5    | 2  | 1.682    | 1.060    | 1.682     | 0.622        | 0.000      |         |
| 5    | 3  | 1.753    | 1.166    | 1.753     | 0.586        | 0.000      |         |
| 6    | 1  | 1.557    | 1.094    | 1.557     | 0.463        | 0.000      |         |
| 6    | 2  | 1.363    | 1.094    | 1.363     | 0.350        | 0.081      |         |
| 6    | 3  | 1.110    | 1.094    | 1.110     | 0.350        | 0.334      |         |
| 7    | 1  | 1.505    | 1.060    | 1.505     | 0.445        | 0.000      |         |
| 7    | 2  | 2.797    | 1.060    | 2.797     | 1.736        | 0.000      |         |
| 7    | 3  | 1.813    | 1.166    | 1.813     | 0.646        | 0.000      |         |
| 8    | 1  | 1.408    | 0.053    | 1.408     | 1.356        | 0.000      |         |
| 8    | 2  | 1.503    | 0.053    | 1.503     | 1.451        | 0.000      |         |
| 8    | 3  | 1.549    | 0.058    | 1.549     | 1.491        | 0.000      |         |
| 9    | 1  | 1.354    | 0.053    | 1.354     | 1.302        | 0.000      |         |
| 9    | 2  | 1.486    | 0.053    | 1.486     | 1.433        | 0.000      |         |
| 9    | 3  | 1.143    | 0.053    | 1.143     | 1.090        | 0.000      |         |
| 10   | 1  | 1.214    | 0.053    | 1.214     | 1.161        | 0.000      |         |
| 10   | 2  | 1.119    | 0.053    | 1.119     | 1.066        | 0.000      |         |
| 10   | 3  | 1.011    | 0.058    | 1.011     | 0.953        | 0.000      |         |
| 11   | 1  | 0.901    | 0.053    | 0.901     | 0.848        | 0.000      |         |
| 11   | 2  | 0.789    | 0.053    | 0.789     | 0.736        | 0.000      |         |
| 11   | 3  | 1.266    | 0.053    | 1.266     | 1.213        | 0.000      |         |
| 12   | 1  | 3.042    | 0.884    | 3.042     | 2.159        | 0.000      |         |
| 12   | 2  | 4.971    | 0.884    | 4.971     | 4.087        | 0.000      |         |
| 12   | 3  | 4.569    | 0.972    | 4.569     | 3.597        | 0.000      |         |
| Tot  | al | 72.374   | 24.720   | 72.374    | 48.068       | 0.415      |         |

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| 1996 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 5.896                | 0.964       | 6.680        | 4.931      | 0.000   |
| 1    | 2  | 4.680                | 0.964       | 5.464        | 3.716      | 0.000   |
| 1    | 3  | 3.677                | 1.061       | 4.539        | 2.616      | 0.000   |
| 2    | 1  | 4.798                | 1.063       | 5.661        | 3.735      | 0.000   |
| 2    | 2  | 4.905                | 1.063       | 5.768        | 3.842      | 0.000   |
| 2    | 3  | 5.221                | 0.851       | 5.911        | 4.371      | 0.000   |
| 3    | 1  | 4.125                | 0.964       | 4.909        | 3.161      | 0.000   |
| 3    | 2  | 3.895                | 0.964       | 4.679        | 2.930      | 0.000   |
| 3    | 3  | 5.136                | 1.061       | 5.999        | 4.076      | 0.000   |
| 4    | 1  | 4.868                | 1.295       | 5.837        | 3.573      | 0.000   |
| 4    | 2  | 3.308                | 1.295       | 4.277        | 2.013      | 0.000   |
| 4    | 3  | 4.730                | 1.295       | 5.699        | 3.435      | 0.000   |
| 5    | 1  | 5.038                | 1.255       | 5.978        | 3.783      | 0.000   |
| 5    | 2  | 2.319                | 1.255       | 3.259        | 1.064      | 0.000   |
| 5    | 3  | 2.119                | 1.380       | 3.152        | 0.738      | 0.000   |
| 6    | 1  | 1.800                | 1.295       | 2.769        | 0.546      | 0.041   |
| 6    | 2  | 1.662                | 1.295       | 2.560        | 0.546      | 0.179   |
| 6    | 3  | 1.533                | 1.295       | 2.208        | 0.546      | 0.308   |
| 7    | 1  | 1.643                | 1.255       | 2.582        | 0.546      | 0.158   |
| 7    | 2  | 2.808                | 1.255       | 3.747        | 1.553      | 0.000   |
| 7    | 3  | 1.641                | 1.380       | 2.674        | 0.601      | 0.340   |
| 8    | 1  | 2.014                | 1.003       | 2.066        | 1.010      | 0.000   |
| 8    | 2  | 2.080                | 1.003       | 2.132        | 1.076      | 0.000   |
| 8    | 3  | 2.113                | 1.104       | 2.171        | 1.010      | 0.000   |
| 9    | 1  | 1.820                | 0.041       | 1.872        | 1.779      | 0.000   |
| 9    | 2  | 1.930                | 0.041       | 1.983        | 1.889      | 0.000   |
| 9    | 3  | 1.514                | 0.041       | 1.567        | 1.473      | 0.000   |
| 10   | 1  | 1.606                | 0.041       | 1.658        | 1.565      | 0.000   |
| 10   | 2  | 1.822                | 0.041       | 1.875        | 1.781      | 0.000   |
| 10   | 3  | 2.111                | 0.045       | 2.169        | 2.066      | 0.000   |
| 11   | 1  | 1.900                | 0.781       | 1.952        | 1.119      | 0.000   |
| 11   | 2  | 1.890                | 0.781       | 1.942        | 1.109      | 0.000   |
| 11   | 3  | 3.631                | 0.781       | 3.683        | 2.850      | 0.000   |
| 12   | 1  | 4.091                | 0.964       | 4.875        | 3.127      | 0.000   |
| 12   | 2  | 5.575                | 0.964       | 6.359        | 4.611      | 0.000   |
| 12   | 3  | 5.475                | 1.061       | 6.337        | 4.414      | 0.000   |
| Tot  | al | 115.375              | 33.201      | 136.994      | 83.201     | 1.027   |

| 1996 | L. | Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|------------------|-------------|--------------|------------|---------|
| 1    | 1  | 18.009           | 0.914       | 23.011       | 17.096     | 0.000   |
| 1    | 2  | 13.455           | 0.914       | 18.465       | 12.542     | 0.000   |
| 1    | 3  | 14.852           | 1.005       | 20.340       | 13.847     | 0.000   |
| 2    | 1  | 20.057           | 0.980       | 25.598       | 19.077     | 0.000   |
| 2    | 2  | 22.385           | 0.980       | 27.919       | 21.405     | 0.000   |
| 2    | 3  | 20.771           | 0.784       | 25.270       | 19.988     | 0.000   |
| 3    | 1  | 16.974           | 0.914       | 22.077       | 16.060     | 0.000   |
| 3    | 2  | 20.961           | 0.914       | 26.158       | 20.048     | 0.000   |
| 3    | 3  | 30.542           | 1.005       | 36.141       | 29.537     | 0.000   |
| 4    | 1  | 22.871           | 1.168       | 28.718       | 21.704     | 0.000   |
| 4    | 2  | 15.566           | 1.168       | 21.334       | 14.398     | 0.000   |
| 4    | 3  | 23.929           | 1.168       | 30.073       | 22.762     | 0.000   |
| 5    | 1  | 19.020           | 1.139       | 24.709       | 17.881     | 0.000   |
| 5    | 2  | 11.249           | 1.139       | 16.727       | 10.109     | 0.000   |
| 5    | 3  | 9.954            | 1.253       | 16.061       | 8.700      | 0.000   |
| 6    | 1  | 8.638            | 1.168       | 14.372       | 7.470      | 0.000   |
| 6    | 2  | 8.458            | 1.168       | 13.971       | 7.291      | 0.000   |
| 6    | 3  | 6.661            | 1.168       | 11.580       | 5.493      | 0.000   |
| 7    | 1  | 6.535            | 1.139       | 11.949       | 5.395      | 0.000   |
| 7    | 2  | 8.602            | 1.139       | 14.107       | 7.462      | 0.000   |
| 7    | 3  | 6.386            | 1.253       | 12.012       | 5.133      | 0.000   |
| 8    | 1  | 6.305            | 1.128       | 9.819        | 5.177      | 0.000   |
| 8    | 2  | 6.302            | 1.128       | 9.882        | 5.173      | 0.000   |
| 8    | 3  | 6.088            | 1.241       | 9.990        | 4.846      | 0.000   |
| 9    | 1  | 9.987            | 0.298       | 10.373       | 9.689      | 0.000   |
| 9    | 2  | 11.791           | 0.298       | 12.176       | 11.493     | 0.000   |
| 9    | 3  | 11.229           | 0.298       | 11.597       | 10.931     | 0.000   |
| 10   | 1  | 12.024           | 0.298       | 12.394       | 11.726     | 0.000   |
| 10   | 2  | 11.373           | 0.298       | 11.742       | 11.074     | 0.000   |
| 10   | 3  | 12.572           | 0.328       | 12.978       | 12.244     | 0.000   |
| 11   | 1  | 8.039            | 0.925       | 11.489       | 7.115      | 0.000   |
| 11   | 2  | 7.316            | 0.925       | 10.724       | 6.391      | 0.000   |
| 11   | 3  | 12.881           | 0.925       | 16.435       | 11.957     | 0.000   |
| 12   | 1  | 12.630           | 0.914       | 17.456       | 11.716     | 0.000   |
| 12   | 2  | 12.853           | 0.914       | 17.531       | 11.939     | 0.000   |
| 12   | 3  | 12.667           | 1.005       | 17.934       | 11.662     | 0.000   |
| Tot  | al | 479.932          | 33.401      | 633.114      | 446.531    | 0.000   |



| 1996 | Mu | si Mouth | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 19.421   | 0.491     | 25.337       | 19.028     | 0.000   |
| 1    | 2  |          | 14.114   | 0.491     | 20.038       | 13.721     | 0.000   |
| 1    | 3  |          | 16.172   | 0.540     | 22.664       | 15.738     | 0.000   |
| 2    | 1  |          | 22.283   | 0.543     | 28.804       | 21.848     | 0.000   |
| 2    | 2  |          | 23.963   | 0.543     | 30.476       | 23.527     | 0.000   |
| 2    | 3  |          | 22.623   | 0.434     | 27.905       | 22.275     | 0.000   |
| 3    | 1  |          | 18.540   | 0.491     | 24.557       | 18.146     | 0.000   |
| 3    | 2  |          | 22.231   | 0.491     | 28.341       | 21.837     | 0.000   |
| 3    | 3  |          | 33.037   | 0.540     | 39.641       | 32.604     | 0.000   |
| 4    | 1  |          | 25.558   | 0.705     | 32.572       | 24.993     | 0.000   |
| 4    | 2  |          | 17.436   | 0.705     | 24.372       | 16.871     | 0.000   |
| 4    | 3  |          | 25.390   | 0.705     | 32.702       | 24.825     | 0.000   |
| 5    | 1  |          | 20.182   | 0.683     | 27.010       | 19.635     | 0.000   |
| 5    | 2  |          | 11.882   | 0.683     | 18.499       | 11.334     | 0.000   |
| 5    | 3  |          | 10.474   | 0.751     | 17.835       | 9.872      | 0.000   |
| 6    | 1  |          | 9.106    | 0.705     | 16.008       | 8.541      | 0.000   |
| 6    | 2  |          | 9.402    | 0.705     | 16.083       | 8.837      | 0.000   |
| 6    | 3  |          | 7.472    | 0.705     | 13.559       | 6.907      | 0.000   |
| 7    | 1  |          | 7.236    | 0.683     | 13.790       | 6.689      | 0.000   |
| 7    | 2  |          | 9.351    | 0.683     | 15.996       | 8.804      | 0.000   |
| 7    | 3  |          | 6.946    | 0.751     | 13.825       | 6.344      | 0.000   |
| 8    | 1  |          | 6.568    | 0.671     | 11.211       | 6.030      | 0.000   |
| 8    | 2  |          | 6.397    | 0.671     | 11.106       | 5.859      | 0.000   |
| 8    | 3  |          | 6.153    | 0.738     | 11.297       | 5.561      | 0.000   |
| 9    | 1  |          | 10.900   | 0.007     | 11.584       | 10.893     | 0.000   |
| 9    | 2  |          | 12.959   | 0.007     | 13.643       | 12.952     | 0.000   |
| 9    | 3  |          | 13.334   | 0.007     | 14.000       | 13.327     | 0.000   |
| 10   | 1  |          | 14.648   | 0.007     | 15.316       | 14.641     | 0.000   |
| 10   | 2  |          | 14.533   | 0.007     | 15.201       | 14.526     | 0.000   |
| 10   | 3  |          | 16.859   | 0.007     | 17.593       | 16.852     | 0.000   |
| 11   | 1  |          | 10.016   | 0.497     | 14.390       | 9.616      | 0.000   |
| 11   | 2  |          | 8.588    | 0.497     | 12.921       | 8.188      | 0.000   |
| 11   | 3  |          | 14.439   | 0.497     | 18.917       | 14.040     | 0.000   |
| 12   | 1  |          | 14.809   | 0.491     | 20.550       | 14.416     | 0.000   |
| 12   | 2  |          | 14.584   | 0.491     | 20.175       | 14.190     | 0.000   |
| 12   | 3  |          | 14.459   | 0.540     | 20.732       | 14.026     | 0.000   |
| Tot  | al |          | 532.067  | 18.159    | 718.650      | 517.491    | 0.000   |
| 1997 |    | U. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 2.399    | 0.909     | 2.331        | 1.553      | 0.000   |
| 1    | 2  |          | 2.163    | 0.951     | 2.095        | 1.276      | 0.000   |
| 1    | 3  |          | 1.584    | 0.904     | 1.510        | 0.750      | 0.000   |
| 2    | 1  |          | 1.025    | 0.864     | 0.971        | 0.549      | 0.372   |
| 2    | 2  |          | 1.004    | 0.863     | 0.951        | 0.546      | 0.392   |
| 2    | 3  |          | 0.728    | 0.683     | 0.690        | 0.428      | 0.381   |
| 3    | 1  |          | 1.154    | 0.808     | 1.092        | 0.564      | 0.186   |
| 3    | 2  |          | 1.464    | 0.845     | 1.396        | 0.682      | 0.000   |
| 3    | 3  |          | 1.771    | 0.938     | 1.697        | 0.904      | 0.000   |
| 4    | 1  |          | 2.234    | 1.064     | 2.149        | 1.249      | 0.000   |
| 4    | 2  |          | 2.314    | 1.082     | 2.229        | 1.311      | 0.000   |
| 4    | 3  |          | 1.710    | 1.004     | 1.630        | 0.808      | 0.022   |
| 5    | 1  |          | 4.559    | 1.137     | 4.477        | 3.498      | 0.000   |
| 5    | 2  |          | 2.937    | 1.061     | 2.855        | 1.953      | 0.000   |
| 5    | 3  |          | 2.461    | 1.129     | 2.371        | 1.417      | 0.000   |
| 6    | 1  |          | 1.350    | 0.987     | 1.279        | 0.592      | 0.170   |
| 6    | 2  |          | 1.181    | 0.968     | 1.122        | 0.574      | 0.320   |
| 6    | 3  |          | 1.111    | 0.962     | 1.056        | 0.565      | 0.384   |
| 7    | 1  |          | 1.159    | 0.946     | 1.097        | 0.566      | 0.320   |
| 7    | 2  |          | 0.988    | 0.926     | 0.939        | 0.548      | 0.470   |
| 7    | 3  |          | 1.150    | 1.020     | 1.095        | 0.615      | 0.455   |
| 8    | 1  |          | 0.954    | 0.839     | 0.909        | 0.547      | 0.417   |
| 8    | 2  |          | 0.863    | 0.832     | 0.822        | 0.535      | 0.501   |
| 8    | 3  |          | 0.886    | 0.910     | 0.845        | 0.585      | 0.608   |
| 9    | 1  |          | 0.763    | 0.108     | 0.763        | 0.655      | 0.000   |
| 9    | 2  |          | 0.681    | 0.104     | 0.681        | 0.577      | 0.000   |
| 9    | 3  |          | 0.641    | 0.101     | 0.641        | 0.540      | 0.000   |
| 10   | 1  |          | 0.618    | 0.098     | 0.618        | 0.532      | 0.012   |
| 10   | 2  |          | 0.581    | 0.097     | 0.581        | 0.509      | 0.025   |
| 10   | 3  |          | 0.587    | 0.100     | 0.587        | 0.514      | 0.027   |
| 11   | 1  |          | 0.524    | 0.698     | 0.501        | 0.345      | 0.519   |
| 11   | 2  |          | 0.543    | 0.703     | 0.517        | 0.344      | 0.504   |
| 11   | 3  |          | 0.876    | 0.741     | 0.826        | 0.523      | 0.388   |
| 12   | 1  |          | 2.252    | 0.880     | 2.185        | 1.435      | 0.000   |
| 12   | 2  |          | 2.003    | 0.932     | 1.936        | 1.135      | 0.000   |
| 12   | 3  |          | 1.118    | 0.880     | 1.055        | 0.597      | 0.347   |
| Tot  | al |          | 50.334   | 28.075    | 48.498       | 30.319     | 6.818   |

| 1997 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 0.244    | 0.295     | 0.244        | 0.028      | 0.079   |
| 1    | 2  |         | 0.325    | 0.295     | 0.325        | 0.030      | 0.000   |
| 1    | 3  |         | 0.304    | 0.325     | 0.304        | 0.031      | 0.051   |
| 2    | 1  |         | 0.215    | 0.325     | 0.215        | 0.028      | 0.138   |
| 2    | 2  |         | 0.184    | 0.325     | 0.184        | 0.028      | 0.168   |
| 2    | 3  |         | 0.133    | 0.260     | 0.133        | 0.022      | 0.149   |
| 3    | 1  |         | 0.159    | 0.295     | 0.159        | 0.028      | 0.164   |
| 3    | 2  |         | 0.241    | 0.295     | 0.241        | 0.028      | 0.082   |
| 3    | 3  |         | 0.340    | 0.325     | 0.340        | 0.031      | 0.016   |
| 4    | 1  |         | 0.425    | 0.365     | 0.425        | 0.060      | 0.000   |
| 4    | 2  |         | 0.418    | 0.365     | 0.418        | 0.053      | 0.000   |
| 4    | 3  |         | 0.353    | 0.365     | 0.353        | 0.028      | 0.040   |
| 5    | 1  |         | 0.303    | 0.354     | 0.303        | 0.028      | 0.079   |
| 5    | 2  |         | 0.328    | 0.354     | 0.328        | 0.028      | 0.054   |
| 5    | 3  |         | 0.358    | 0.390     | 0.358        | 0.031      | 0.063   |
| 6    | 1  |         | 0.272    | 0.365     | 0.272        | 0.028      | 0.122   |
| 6    | 2  |         | 0.211    | 0.365     | 0.211        | 0.028      | 0.182   |
| 6    | 3  |         | 0.179    | 0.365     | 0.179        | 0.028      | 0.214   |
| 7    | 1  |         | 0.179    | 0.354     | 0.179        | 0.028      | 0.203   |
| 7    | 2  |         | 0.156    | 0.354     | 0.156        | 0.028      | 0.226   |
| 7    | 3  |         | 0.144    | 0.390     | 0.144        | 0.031      | 0.276   |
| 8    | 1  |         | 0.116    | 0.192     | 0.116        | 0.028      | 0.104   |
| 8    | 2  |         | 0.103    | 0.192     | 0.103        | 0.028      | 0.117   |
| 8    | 3  |         | 0.098    | 0.211     | 0.098        | 0.031      | 0.144   |
| 9    | 1  |         | 0.078    | 0.019     | 0.078        | 0.060      | 0.000   |
| 9    | 2  |         | 0.069    | 0.019     | 0.069        | 0.051      | 0.000   |
| 9    | 3  |         | 0.061    | 0.019     | 0.061        | 0.043      | 0.000   |
| 10   | 1  |         | 0.054    | 0.019     | 0.054        | 0.036      | 0.000   |
| 10   | 2  |         | 0.054    | 0.019     | 0.054        | 0.035      | 0.000   |
| 10   | 3  |         | 0.049    | 0.021     | 0.049        | 0.031      | 0.003   |
| 11   | 1  |         | 0.038    | 0.166     | 0.038        | 0.028      | 0.156   |
| 11   | 2  |         | 0.046    | 0.166     | 0.046        | 0.028      | 0.148   |
| 11   | 3  |         | 0.157    | 0.166     | 0.157        | 0.028      | 0.037   |
| 12   | 1  |         | 0.370    | 0.295     | 0.370        | 0.075      | 0.000   |
| 12   | 2  |         | 0.975    | 0.295     | 0.975        | 0.680      | 0.000   |
| 12   | 3  |         | 0.690    | 0.325     | 0.690        | 0.365      | 0.000   |
| Tot  | al |         | 8.432    | 9.252     | 8.432        | 2.196      | 3.017   |

| 1997 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.211    | 0.211     | 0.211        | 0.039      | 0.039   |
| 1    | 2  |          | 0.345    | 0.211     | 0.345        | 0.134      | 0.000   |
| 1    | 3  |          | 0.363    | 0.233     | 0.363        | 0.130      | 0.000   |
| 2    | 1  |          | 0.275    | 0.234     | 0.275        | 0.041      | 0.000   |
| 2    | 2  |          | 0.241    | 0.234     | 0.241        | 0.039      | 0.032   |
| 2    | 3  |          | 0.179    | 0.187     | 0.179        | 0.031      | 0.040   |
| 3    | 1  |          | 0.286    | 0.211     | 0.286        | 0.074      | 0.000   |
| 3    | 2  |          | 0.553    | 0.211     | 0.553        | 0.342      | 0.000   |
| 3    | 3  |          | 0.848    | 0.233     | 0.848        | 0.616      | 0.000   |
| 4    | 1  |          | 1.114    | 0.265     | 1.114        | 0.849      | 0.000   |
| 4    | 2  |          | 1.162    | 0.265     | 1.162        | 0.897      | 0.000   |
| 4    | 3  |          | 0.939    | 0.265     | 0.939        | 0.673      | 0.000   |
| 5    | 1  |          | 0.586    | 0.257     | 0.586        | 0.329      | 0.000   |
| 5    | 2  |          | 0.518    | 0.257     | 0.518        | 0.262      | 0.000   |
| 5    | 3  |          | 0.548    | 0.282     | 0.548        | 0.265      | 0.000   |
| 6    | 1  |          | 0.440    | 0.265     | 0.440        | 0.174      | 0.000   |
| 6    | 2  |          | 0.374    | 0.265     | 0.374        | 0.109      | 0.000   |
| 6    | 3  |          | 0.326    | 0.265     | 0.326        | 0.061      | 0.000   |
| 7    | 1  |          | 0.304    | 0.257     | 0.304        | 0.047      | 0.000   |
| 7    | 2  |          | 0.267    | 0.257     | 0.267        | 0.039      | 0.029   |
| 7    | 3  |          | 0.254    | 0.282     | 0.254        | 0.043      | 0.071   |
| 8    | 1  |          | 0.203    | 0.229     | 0.203        | 0.039      | 0.065   |
| 8    | 2  |          | 0.181    | 0.229     | 0.181        | 0.039      | 0.087   |
| 8    | 3  |          | 0.175    | 0.252     | 0.175        | 0.043      | 0.120   |
| 9    | 1  |          | 0.140    | 0.006     | 0.140        | 0.134      | 0.000   |
| 9    | 2  |          | 0.124    | 0.006     | 0.124        | 0.118      | 0.000   |
| 9    | 3  |          | 0.110    | 0.006     | 0.110        | 0.104      | 0.000   |
| 10   | 1  |          | 0.097    | 0.006     | 0.097        | 0.091      | 0.000   |
| 10   | 2  |          | 0.091    | 0.006     | 0.091        | 0.085      | 0.000   |
| 10   | 3  |          | 0.085    | 0.006     | 0.085        | 0.079      | 0.000   |
| 11   | 1  |          | 0.067    | 0.195     | 0.067        | 0.039      | 0.166   |
| 11   | 2  |          | 0.074    | 0.195     | 0.074        | 0.039      | 0.159   |
| 11   | 3  |          | 0.163    | 0.195     | 0.163        | 0.039      | 0.071   |
| 12   | 1  |          | 0.282    | 0.211     | 0.282        | 0.070      | 0.000   |
| 12   | 2  |          | 0.736    | 0.211     | 0.736        | 0.524      | 0.000   |
| 12   | 3  |          | 0.574    | 0.233     | 0.574        | 0.341      | 0.000   |
| Tot  | al |          | 13.233   | 7.132     | 13.233       | 6.979      | 0.878   |

| 1997 | U. | Lakitan<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-----------|--------------|------------|---------|
| 1    | 1  | 0.306               | 0.315     | 0.306        | 0.046      | 0.055   |
| 1    | 2  | 0.470               | 0.315     | 0.470        | 0.155      | 0.000   |
| 1    | 3  | 0.477               | 0.347     | 0.477        | 0.131      | 0.000   |
| 2    | 1  | 0.327               | 0.348     | 0.327        | 0.046      | 0.066   |
| 2    | 2  | 0.308               | 0.348     | 0.308        | 0.046      | 0.086   |
| 2    | 3  | 0.242               | 0.278     | 0.242        | 0.037      | 0.073   |
| 3    | 1  | 0.448               | 0.315     | 0.448        | 0.133      | 0.000   |
| 3    | 2  | 1.082               | 0.315     | 1.082        | 0.767      | 0.000   |
| 3    | 3  | 1.268               | 0.347     | 1.268        | 0.922      | 0.000   |
| 4    | 1  | 1.571               | 0.393     | 1.571        | 1.179      | 0.000   |
| 4    | 2  | 1.506               | 0.393     | 1.506        | 1.114      | 0.000   |
| 4    | 3  | 0.885               | 0.393     | 0.885        | 0.493      | 0.000   |
| 5    | 1  | 0.614               | 0.380     | 0.614        | 0.234      | 0.000   |
| 5    | 2  | 0.652               | 0.380     | 0.652        | 0.272      | 0.000   |
| 5    | 3  | 0.680               | 0.418     | 0.680        | 0.262      | 0.000   |
| 6    | 1  | 0.531               | 0.393     | 0.531        | 0.138      | 0.000   |
| 6    | 2  | 0.429               | 0.393     | 0.429        | 0.046      | 0.009   |
| 6    | 3  | 0.377               | 0.393     | 0.377        | 0.046      | 0.061   |
| 7    | 1  | 0.377               | 0.380     | 0.377        | 0.046      | 0.049   |
| 7    | 2  | 0.312               | 0.380     | 0.312        | 0.046      | 0.114   |
| 7    | 3  | 0.298               | 0.418     | 0.298        | 0.051      | 0.171   |
| 8    | 1  | 0.240               | 0.157     | 0.240        | 0.082      | 0.000   |
| 8    | 2  | 0.215               | 0.157     | 0.215        | 0.057      | 0.000   |
| 8    | 3  | 0.205               | 0.173     | 0.205        | 0.051      | 0.018   |
| 9    | 1  | 0.164               | 0.008     | 0.164        | 0.156      | 0.000   |
| 9    | 2  | 0.146               | 0.008     | 0.146        | 0.137      | 0.000   |
| 9    | 3  | 0.129               | 0.008     | 0.129        | 0.121      | 0.000   |
| 10   | 1  | 0.115               | 0.008     | 0.115        | 0.106      | 0.000   |
| 10   | 2  | 0.116               | 0.008     | 0.116        | 0.108      | 0.000   |
| 10   | 3  | 0.099               | 0.009     | 0.099        | 0.090      | 0.000   |
| 11   | 1  | 0.079               | 0.135     | 0.079        | 0.046      | 0.102   |
| 11   | 2  | 0.097               | 0.135     | 0.097        | 0.046      | 0.084   |
| 11   | 3  | 0.249               | 0.135     | 0.249        | 0.114      | 0.000   |
| 12   | 1  | 0.425               | 0.315     | 0.425        | 0.110      | 0.000   |
| 12   | 2  | 1.039               | 0.315     | 1.039        | 0.724      | 0.000   |
| 12   | 3  | 0.583               | 0.347     | 0.583        | 0.237      | 0.000   |
| Tot  | al | 17.064              | 9.563     | 17.064       | 8.392      | 0.890   |

  

| 1997 | L. | Lakitan<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-----------|--------------|------------|---------|
| 1    | 1  | 0.153               | 0.038     | 0.362        | 0.115      | 0.000   |
| 1    | 2  | 0.305               | 0.038     | 0.559        | 0.267      | 0.000   |
| 1    | 3  | 0.293               | 0.041     | 0.572        | 0.251      | 0.000   |
| 2    | 1  | 0.172               | 0.041     | 0.399        | 0.131      | 0.000   |
| 2    | 2  | 0.160               | 0.041     | 0.371        | 0.119      | 0.000   |
| 2    | 3  | 0.124               | 0.033     | 0.289        | 0.091      | 0.000   |
| 3    | 1  | 0.270               | 0.038     | 0.524        | 0.233      | 0.000   |
| 3    | 2  | 0.978               | 0.038     | 1.232        | 0.941      | 0.000   |
| 3    | 3  | 1.212               | 0.041     | 1.491        | 1.171      | 0.000   |
| 4    | 1  | 1.532               | 0.046     | 1.848        | 1.486      | 0.000   |
| 4    | 2  | 1.474               | 0.046     | 1.789        | 1.428      | 0.000   |
| 4    | 3  | 0.794               | 0.046     | 1.110        | 0.749      | 0.000   |
| 5    | 1  | 0.448               | 0.044     | 0.754        | 0.404      | 0.000   |
| 5    | 2  | 0.472               | 0.044     | 0.778        | 0.428      | 0.000   |
| 5    | 3  | 0.477               | 0.049     | 0.814        | 0.429      | 0.000   |
| 6    | 1  | 0.322               | 0.046     | 0.638        | 0.277      | 0.000   |
| 6    | 2  | 0.212               | 0.046     | 0.521        | 0.167      | 0.000   |
| 6    | 3  | 0.190               | 0.046     | 0.457        | 0.145      | 0.000   |
| 7    | 1  | 0.186               | 0.044     | 0.453        | 0.141      | 0.000   |
| 7    | 2  | 0.164               | 0.044     | 0.378        | 0.120      | 0.000   |
| 7    | 3  | 0.161               | 0.049     | 0.361        | 0.112      | 0.000   |
| 8    | 1  | 0.162               | 0.037     | 0.290        | 0.126      | 0.000   |
| 8    | 2  | 0.132               | 0.037     | 0.259        | 0.095      | 0.000   |
| 8    | 3  | 0.123               | 0.040     | 0.249        | 0.083      | 0.000   |
| 9    | 1  | 0.190               | 0.006     | 0.198        | 0.184      | 0.000   |
| 9    | 2  | 0.168               | 0.006     | 0.176        | 0.162      | 0.000   |
| 9    | 3  | 0.148               | 0.006     | 0.156        | 0.142      | 0.000   |
| 10   | 1  | 0.130               | 0.006     | 0.139        | 0.125      | 0.000   |
| 10   | 2  | 0.131               | 0.006     | 0.139        | 0.125      | 0.000   |
| 10   | 3  | 0.111               | 0.006     | 0.121        | 0.105      | 0.000   |
| 11   | 1  | 0.068               | 0.032     | 0.096        | 0.057      | 0.021   |
| 11   | 2  | 0.073               | 0.032     | 0.116        | 0.057      | 0.016   |
| 11   | 3  | 0.180               | 0.032     | 0.290        | 0.148      | 0.000   |
| 12   | 1  | 0.242               | 0.038     | 0.495        | 0.204      | 0.000   |
| 12   | 2  | 0.970               | 0.038     | 1.224        | 0.933      | 0.000   |
| 12   | 3  | 0.446               | 0.041     | 0.725        | 0.405      | 0.000   |
| Tot  | al | 13.374              | 1.256     | 20.373       | 12.156     | 0.037   |

| 1997 |    | M. Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 2.023               | 0.072       | 3.345        | 1.951      | 0.000   |
| 1    | 2  | 2.028               | 0.072       | 3.530        | 1.956      | 0.000   |
| 1    | 3  | 1.492               | 0.079       | 2.960        | 1.412      | 0.000   |
| 2    | 1  | 1.004               | 0.079       | 2.012        | 0.924      | 0.000   |
| 2    | 2  | 0.949               | 0.079       | 1.876        | 0.870      | 0.000   |
| 2    | 3  | 0.729               | 0.063       | 1.382        | 0.669      | 0.003   |
| 3    | 1  | 1.101               | 0.072       | 2.180        | 1.029      | 0.000   |
| 3    | 2  | 2.242               | 0.072       | 3.572        | 2.170      | 0.000   |
| 3    | 3  | 3.029               | 0.079       | 4.560        | 2.950      | 0.000   |
| 4    | 1  | 3.962               | 0.089       | 5.708        | 3.873      | 0.000   |
| 4    | 2  | 4.025               | 0.089       | 5.788        | 3.935      | 0.000   |
| 4    | 3  | 2.562               | 0.089       | 4.198        | 2.473      | 0.000   |
| 5    | 1  | 4.581               | 0.086       | 6.315        | 4.494      | 0.000   |
| 5    | 2  | 3.031               | 0.086       | 4.709        | 2.945      | 0.000   |
| 5    | 3  | 2.495               | 0.095       | 4.301        | 2.400      | 0.000   |
| 6    | 1  | 1.353               | 0.089       | 2.788        | 1.263      | 0.000   |
| 6    | 2  | 1.126               | 0.089       | 2.367        | 1.037      | 0.000   |
| 6    | 3  | 1.022               | 0.089       | 2.139        | 0.933      | 0.000   |
| 7    | 1  | 0.986               | 0.086       | 2.135        | 0.899      | 0.000   |
| 7    | 2  | 0.910               | 0.086       | 1.830        | 0.847      | 0.023   |
| 7    | 3  | 0.969               | 0.095       | 1.942        | 0.899      | 0.025   |
| 8    | 1  | 0.871               | 0.070       | 1.590        | 0.826      | 0.025   |
| 8    | 2  | 0.807               | 0.070       | 1.427        | 0.784      | 0.047   |
| 8    | 3  | 0.843               | 0.077       | 1.426        | 0.831      | 0.064   |
| 9    | 1  | 1.081               | 0.004       | 1.228        | 1.077      | 0.000   |
| 9    | 2  | 0.950               | 0.004       | 1.092        | 0.946      | 0.000   |
| 9    | 3  | 0.866               | 0.004       | 1.005        | 0.863      | 0.000   |
| 10   | 1  | 0.817               | 0.004       | 0.942        | 0.817      | 0.004   |
| 10   | 2  | 0.784               | 0.004       | 0.895        | 0.784      | 0.004   |
| 10   | 3  | 0.757               | 0.005       | 0.870        | 0.757      | 0.005   |
| 11   | 1  | 0.498               | 0.060       | 0.725        | 0.498      | 0.060   |
| 11   | 2  | 0.498               | 0.060       | 0.775        | 0.498      | 0.060   |
| 11   | 3  | 0.815               | 0.060       | 1.462        | 0.815      | 0.060   |
| 12   | 1  | 1.955               | 0.072       | 3.386        | 1.883      | 0.000   |
| 12   | 2  | 3.459               | 0.072       | 4.942        | 3.387      | 0.000   |
| 12   | 3  | 1.875               | 0.079       | 3.095        | 1.858      | 0.062   |
| Tot  | al | 58.497              | 2.386       | 94.497       | 56.555     | 0.444   |

| 1997 |    | U. Rawas<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.738                | 0.242       | 1.738        | 1.496      | 0.000   |
| 1    | 2  | 2.108                | 0.242       | 2.108        | 1.866      | 0.000   |
| 1    | 3  | 2.200                | 0.267       | 2.200        | 1.933      | 0.000   |
| 2    | 1  | 1.635                | 0.268       | 1.635        | 1.368      | 0.000   |
| 2    | 2  | 1.521                | 0.268       | 1.521        | 1.254      | 0.000   |
| 2    | 3  | 1.201                | 0.214       | 1.201        | 0.987      | 0.000   |
| 3    | 1  | 2.568                | 0.242       | 2.568        | 2.325      | 0.000   |
| 3    | 2  | 3.658                | 0.242       | 3.658        | 3.416      | 0.000   |
| 3    | 3  | 4.442                | 0.267       | 4.442        | 4.176      | 0.000   |
| 4    | 1  | 3.287                | 0.302       | 3.287        | 2.985      | 0.000   |
| 4    | 2  | 3.677                | 0.302       | 3.677        | 3.375      | 0.000   |
| 4    | 3  | 2.437                | 0.302       | 2.437        | 2.135      | 0.000   |
| 5    | 1  | 2.412                | 0.293       | 2.412        | 2.120      | 0.000   |
| 5    | 2  | 2.350                | 0.293       | 2.350        | 2.057      | 0.000   |
| 5    | 3  | 1.783                | 0.322       | 1.783        | 1.461      | 0.000   |
| 6    | 1  | 1.412                | 0.302       | 1.412        | 1.110      | 0.000   |
| 6    | 2  | 1.145                | 0.302       | 1.145        | 0.842      | 0.000   |
| 6    | 3  | 1.074                | 0.302       | 1.074        | 0.771      | 0.000   |
| 7    | 1  | 1.018                | 0.293       | 1.018        | 0.725      | 0.000   |
| 7    | 2  | 0.849                | 0.293       | 0.849        | 0.556      | 0.000   |
| 7    | 3  | 0.807                | 0.322       | 0.807        | 0.484      | 0.000   |
| 8    | 1  | 0.658                | 0.236       | 0.658        | 0.422      | 0.000   |
| 8    | 2  | 0.602                | 0.236       | 0.602        | 0.367      | 0.000   |
| 8    | 3  | 0.557                | 0.259       | 0.557        | 0.298      | 0.000   |
| 9    | 1  | 0.445                | 0.005       | 0.445        | 0.440      | 0.000   |
| 9    | 2  | 0.394                | 0.005       | 0.394        | 0.390      | 0.000   |
| 9    | 3  | 0.350                | 0.005       | 0.350        | 0.345      | 0.000   |
| 10   | 1  | 0.311                | 0.005       | 0.311        | 0.306      | 0.000   |
| 10   | 2  | 0.276                | 0.005       | 0.276        | 0.272      | 0.000   |
| 10   | 3  | 0.286                | 0.005       | 0.286        | 0.281      | 0.000   |
| 11   | 1  | 0.250                | 0.201       | 0.250        | 0.081      | 0.032   |
| 11   | 2  | 0.303                | 0.201       | 0.303        | 0.102      | 0.000   |
| 11   | 3  | 0.273                | 0.201       | 0.273        | 0.081      | 0.009   |
| 12   | 1  | 0.373                | 0.242       | 0.373        | 0.131      | 0.000   |
| 12   | 2  | 0.540                | 0.242       | 0.540        | 0.298      | 0.000   |
| 12   | 3  | 0.406                | 0.267       | 0.406        | 0.140      | 0.000   |
| Tot  | al | 49.347               | 7.995       | 49.347       | 41.393     | 0.042   |

| 1997 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.882    | 0.174    | 2.077     | 1.708        | 0.000      |         |
| 1    | 2  | 2.229    | 0.174    | 2.424     | 2.055        | 0.000      |         |
| 1    | 3  | 2.288    | 0.191    | 2.503     | 2.097        | 0.000      |         |
| 2    | 1  | 1.653    | 0.192    | 1.868     | 1.461        | 0.000      |         |
| 2    | 2  | 1.510    | 0.192    | 1.725     | 1.318        | 0.000      |         |
| 2    | 3  | 1.176    | 0.154    | 1.348     | 1.022        | 0.000      |         |
| 3    | 1  | 2.600    | 0.174    | 2.794     | 2.426        | 0.000      |         |
| 3    | 2  | 4.196    | 0.174    | 4.390     | 4.021        | 0.000      |         |
| 3    | 3  | 5.444    | 0.191    | 5.658     | 5.253        | 0.000      |         |
| 4    | 1  | 4.024    | 0.219    | 4.267     | 3.805        | 0.000      |         |
| 4    | 2  | 4.506    | 0.219    | 4.749     | 4.287        | 0.000      |         |
| 4    | 3  | 2.980    | 0.219    | 3.223     | 2.761        | 0.000      |         |
| 5    | 1  | 2.762    | 0.212    | 2.997     | 2.550        | 0.000      |         |
| 5    | 2  | 2.596    | 0.212    | 2.831     | 2.384        | 0.000      |         |
| 5    | 3  | 1.980    | 0.234    | 2.239     | 1.747        | 0.000      |         |
| 6    | 1  | 1.534    | 0.219    | 1.777     | 1.315        | 0.000      |         |
| 6    | 2  | 1.217    | 0.219    | 1.460     | 0.998        | 0.000      |         |
| 6    | 3  | 1.115    | 0.219    | 1.357     | 0.895        | 0.000      |         |
| 7    | 1  | 1.051    | 0.212    | 1.286     | 0.839        | 0.000      |         |
| 7    | 2  | 0.847    | 0.212    | 1.083     | 0.635        | 0.000      |         |
| 7    | 3  | 0.766    | 0.234    | 1.025     | 0.533        | 0.000      |         |
| 8    | 1  | 0.650    | 0.174    | 0.839     | 0.475        | 0.000      |         |
| 8    | 2  | 0.568    | 0.174    | 0.757     | 0.393        | 0.000      |         |
| 8    | 3  | 0.496    | 0.192    | 0.705     | 0.304        | 0.000      |         |
| 9    | 1  | 0.559    | 0.005    | 0.564     | 0.554        | 0.000      |         |
| 9    | 2  | 0.499    | 0.005    | 0.504     | 0.494        | 0.000      |         |
| 9    | 3  | 0.439    | 0.005    | 0.443     | 0.434        | 0.000      |         |
| 10   | 1  | 0.390    | 0.005    | 0.395     | 0.385        | 0.000      |         |
| 10   | 2  | 0.358    | 0.005    | 0.362     | 0.353        | 0.000      |         |
| 10   | 3  | 0.405    | 0.006    | 0.410     | 0.399        | 0.000      |         |
| 11   | 1  | 0.303    | 0.147    | 0.439     | 0.260        | 0.104      |         |
| 11   | 2  | 0.466    | 0.147    | 0.628     | 0.318        | 0.000      |         |
| 11   | 3  | 0.424    | 0.147    | 0.579     | 0.277        | 0.000      |         |
| 12   | 1  | 0.404    | 0.174    | 0.599     | 0.260        | 0.030      |         |
| 12   | 2  | 0.535    | 0.174    | 0.730     | 0.361        | 0.000      |         |
| 12   | 3  | 0.373    | 0.191    | 0.587     | 0.286        | 0.105      |         |
| Tot  | al | 55.226   | 5.803    | 61.623    | 49.662       | 0.239      |         |
|      |    |          |          |           |              |            |         |
| 1997 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 1.653    | 0.328    | 1.653     | 1.325        | 0.000      |         |
| 1    | 2  | 2.074    | 0.328    | 2.074     | 1.746        | 0.000      |         |
| 1    | 3  | 2.362    | 0.361    | 2.362     | 2.001        | 0.000      |         |
| 2    | 1  | 1.910    | 0.363    | 1.910     | 1.547        | 0.000      |         |
| 2    | 2  | 1.635    | 0.363    | 1.635     | 1.272        | 0.000      |         |
| 2    | 3  | 1.218    | 0.290    | 1.218     | 0.928        | 0.000      |         |
| 3    | 1  | 2.018    | 0.328    | 2.018     | 1.690        | 0.000      |         |
| 3    | 2  | 3.286    | 0.328    | 3.286     | 2.958        | 0.000      |         |
| 3    | 3  | 4.742    | 0.361    | 4.742     | 4.381        | 0.000      |         |
| 4    | 1  | 3.814    | 0.470    | 3.814     | 3.344        | 0.000      |         |
| 4    | 2  | 3.936    | 0.470    | 3.936     | 3.465        | 0.000      |         |
| 4    | 3  | 3.061    | 0.470    | 3.061     | 2.591        | 0.000      |         |
| 5    | 1  | 2.731    | 0.455    | 2.731     | 2.276        | 0.000      |         |
| 5    | 2  | 2.577    | 0.455    | 2.577     | 2.122        | 0.000      |         |
| 5    | 3  | 2.136    | 0.501    | 2.136     | 1.636        | 0.000      |         |
| 6    | 1  | 1.615    | 0.470    | 1.615     | 1.145        | 0.000      |         |
| 6    | 2  | 1.371    | 0.470    | 1.371     | 0.901        | 0.000      |         |
| 6    | 3  | 1.233    | 0.470    | 1.233     | 0.762        | 0.000      |         |
| 7    | 1  | 1.163    | 0.455    | 1.163     | 0.708        | 0.000      |         |
| 7    | 2  | 1.022    | 0.455    | 1.022     | 0.567        | 0.000      |         |
| 7    | 3  | 0.973    | 0.501    | 0.973     | 0.472        | 0.000      |         |
| 8    | 1  | 0.781    | 0.451    | 0.781     | 0.330        | 0.000      |         |
| 8    | 2  | 0.711    | 0.451    | 0.711     | 0.260        | 0.000      |         |
| 8    | 3  | 0.674    | 0.496    | 0.674     | 0.178        | 0.000      |         |
| 9    | 1  | 0.536    | 0.002    | 0.536     | 0.534        | 0.000      |         |
| 9    | 2  | 0.475    | 0.002    | 0.475     | 0.473        | 0.000      |         |
| 9    | 3  | 0.421    | 0.002    | 0.421     | 0.419        | 0.000      |         |
| 10   | 1  | 0.374    | 0.002    | 0.374     | 0.372        | 0.000      |         |
| 10   | 2  | 0.332    | 0.002    | 0.332     | 0.330        | 0.000      |         |
| 10   | 3  | 0.333    | 0.002    | 0.333     | 0.331        | 0.000      |         |
| 11   | 1  | 0.280    | 0.335    | 0.280     | 0.054        | 0.110      |         |
| 11   | 2  | 0.316    | 0.335    | 0.316     | 0.054        | 0.073      |         |
| 11   | 3  | 0.313    | 0.335    | 0.313     | 0.054        | 0.076      |         |
| 12   | 1  | 0.374    | 0.328    | 0.374     | 0.054        | 0.008      |         |
| 12   | 2  | 0.544    | 0.328    | 0.544     | 0.217        | 0.000      |         |
| 12   | 3  | 0.510    | 0.361    | 0.510     | 0.149        | 0.000      |         |
| Tot  | al | 53.503   | 12.125   | 53.503    | 41.645       | 0.267      |         |

| 1997 | U. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.989                | 0.475       | 0.989        | 0.514      | 0.000   |
| 1    | 2  | 1.302                | 0.475       | 1.302        | 0.827      | 0.000   |
| 1    | 3  | 1.170                | 0.522       | 1.170        | 0.647      | 0.000   |
| 2    | 1  | 0.693                | 0.523       | 0.693        | 0.240      | 0.070   |
| 2    | 2  | 0.663                | 0.523       | 0.663        | 0.240      | 0.099   |
| 2    | 3  | 0.535                | 0.418       | 0.535        | 0.192      | 0.075   |
| 3    | 1  | 0.912                | 0.475       | 0.912        | 0.437      | 0.000   |
| 3    | 2  | 1.047                | 0.475       | 1.047        | 0.572      | 0.000   |
| 3    | 3  | 1.156                | 0.522       | 1.156        | 0.634      | 0.000   |
| 4    | 1  | 1.159                | 0.521       | 1.159        | 0.638      | 0.000   |
| 4    | 2  | 1.401                | 0.521       | 1.401        | 0.880      | 0.000   |
| 4    | 3  | 0.775                | 0.521       | 0.775        | 0.254      | 0.000   |
| 5    | 1  | 1.547                | 0.505       | 1.547        | 1.042      | 0.000   |
| 5    | 2  | 1.336                | 0.505       | 1.336        | 0.831      | 0.000   |
| 5    | 3  | 0.920                | 0.555       | 0.920        | 0.364      | 0.000   |
| 6    | 1  | 0.728                | 0.521       | 0.728        | 0.240      | 0.033   |
| 6    | 2  | 0.651                | 0.521       | 0.651        | 0.240      | 0.110   |
| 6    | 3  | 0.612                | 0.521       | 0.612        | 0.240      | 0.149   |
| 7    | 1  | 0.548                | 0.505       | 0.548        | 0.240      | 0.197   |
| 7    | 2  | 0.511                | 0.505       | 0.511        | 0.240      | 0.234   |
| 7    | 3  | 0.567                | 0.555       | 0.567        | 0.264      | 0.253   |
| 8    | 1  | 0.465                | 0.505       | 0.465        | 0.240      | 0.280   |
| 8    | 2  | 0.424                | 0.505       | 0.424        | 0.240      | 0.321   |
| 8    | 3  | 0.438                | 0.555       | 0.438        | 0.264      | 0.381   |
| 9    | 1  | 0.389                | 0.028       | 0.389        | 0.361      | 0.000   |
| 9    | 2  | 0.354                | 0.028       | 0.354        | 0.326      | 0.000   |
| 9    | 3  | 0.332                | 0.028       | 0.332        | 0.304      | 0.000   |
| 10   | 1  | 0.313                | 0.028       | 0.313        | 0.285      | 0.000   |
| 10   | 2  | 0.297                | 0.028       | 0.297        | 0.269      | 0.000   |
| 10   | 3  | 0.307                | 0.031       | 0.307        | 0.276      | 0.000   |
| 11   | 1  | 0.265                | 0.490       | 0.265        | 0.240      | 0.464   |
| 11   | 2  | 0.280                | 0.490       | 0.280        | 0.240      | 0.450   |
| 11   | 3  | 0.379                | 0.490       | 0.379        | 0.240      | 0.351   |
| 12   | 1  | 0.554                | 0.475       | 0.554        | 0.240      | 0.161   |
| 12   | 2  | 0.490                | 0.475       | 0.490        | 0.240      | 0.225   |
| 12   | 3  | 0.342                | 0.522       | 0.342        | 0.264      | 0.445   |
| Tot  | al | 24.846               | 15.340      | 24.846       | 13.805     | 4.299   |

  

| 1997 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.388                | 0.420       | 1.774        | 0.968      | 0.000   |
| 1    | 2  | 1.937                | 0.420       | 2.323        | 1.518      | 0.000   |
| 1    | 3  | 2.244                | 0.462       | 2.668        | 1.782      | 0.000   |
| 2    | 1  | 1.373                | 0.464       | 1.741        | 0.909      | 0.000   |
| 2    | 2  | 1.133                | 0.464       | 1.477        | 0.670      | 0.000   |
| 2    | 3  | 0.888                | 0.371       | 1.166        | 0.517      | 0.000   |
| 3    | 1  | 1.383                | 0.420       | 1.769        | 0.963      | 0.000   |
| 3    | 2  | 1.823                | 0.420       | 2.208        | 1.403      | 0.000   |
| 3    | 3  | 2.248                | 0.462       | 2.672        | 1.786      | 0.000   |
| 4    | 1  | 2.625                | 0.566       | 3.048        | 2.060      | 0.000   |
| 4    | 2  | 2.684                | 0.566       | 3.106        | 2.118      | 0.000   |
| 4    | 3  | 1.656                | 0.566       | 2.078        | 1.090      | 0.000   |
| 5    | 1  | 2.380                | 0.548       | 2.789        | 1.832      | 0.000   |
| 5    | 2  | 2.861                | 0.548       | 3.270        | 2.313      | 0.000   |
| 5    | 3  | 1.963                | 0.602       | 2.413        | 1.360      | 0.000   |
| 6    | 1  | 1.430                | 0.566       | 1.826        | 0.864      | 0.000   |
| 6    | 2  | 1.242                | 0.566       | 1.576        | 0.676      | 0.000   |
| 6    | 3  | 1.117                | 0.566       | 1.419        | 0.551      | 0.000   |
| 7    | 1  | 1.010                | 0.548       | 1.262        | 0.462      | 0.000   |
| 7    | 2  | 0.921                | 0.548       | 1.143        | 0.374      | 0.000   |
| 7    | 3  | 0.932                | 0.602       | 1.180        | 0.403      | 0.073   |
| 8    | 1  | 0.771                | 0.548       | 0.957        | 0.366      | 0.142   |
| 8    | 2  | 0.712                | 0.548       | 0.865        | 0.366      | 0.202   |
| 8    | 3  | 0.716                | 0.602       | 0.862        | 0.403      | 0.289   |
| 9    | 1  | 0.699                | 0.009       | 0.727        | 0.689      | 0.000   |
| 9    | 2  | 0.625                | 0.009       | 0.653        | 0.616      | 0.000   |
| 9    | 3  | 0.569                | 0.009       | 0.597        | 0.560      | 0.000   |
| 10   | 1  | 0.520                | 0.009       | 0.548        | 0.511      | 0.000   |
| 10   | 2  | 0.477                | 0.009       | 0.505        | 0.468      | 0.000   |
| 10   | 3  | 0.478                | 0.010       | 0.509        | 0.468      | 0.000   |
| 11   | 1  | 0.402                | 0.433       | 0.428        | 0.366      | 0.397   |
| 11   | 2  | 0.396                | 0.433       | 0.434        | 0.366      | 0.403   |
| 11   | 3  | 0.491                | 0.433       | 0.607        | 0.366      | 0.309   |
| 12   | 1  | 0.667                | 0.420       | 0.923        | 0.366      | 0.119   |
| 12   | 2  | 0.953                | 0.420       | 1.158        | 0.533      | 0.000   |
| 12   | 3  | 1.416                | 0.462       | 1.484        | 0.954      | 0.000   |
| Tot  | al | 45.128               | 15.047      | 54.165       | 32.017     | 1.935   |

| 1997 |    | U. Ogan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.258   | 0.354    | 1.258     | 0.904        | 0.000      |         |
| 1    | 2  | 1.476   | 0.354    | 1.476     | 1.122        | 0.000      |         |
| 1    | 3  | 1.850   | 0.390    | 1.850     | 1.460        | 0.000      |         |
| 2    | 1  | 0.726   | 0.388    | 0.726     | 0.337        | 0.000      |         |
| 2    | 2  | 0.614   | 0.388    | 0.614     | 0.226        | 0.000      |         |
| 2    | 3  | 0.423   | 0.311    | 0.423     | 0.112        | 0.000      |         |
| 3    | 1  | 0.619   | 0.354    | 0.619     | 0.265        | 0.000      |         |
| 3    | 2  | 0.978   | 0.354    | 0.978     | 0.623        | 0.000      |         |
| 3    | 3  | 1.256   | 0.390    | 1.256     | 0.866        | 0.000      |         |
| 4    | 1  | 1.110   | 0.379    | 1.110     | 0.730        | 0.000      |         |
| 4    | 2  | 1.309   | 0.379    | 1.309     | 0.929        | 0.000      |         |
| 4    | 3  | 1.332   | 0.379    | 1.332     | 0.953        | 0.000      |         |
| 5    | 1  | 1.656   | 0.368    | 1.656     | 1.288        | 0.000      |         |
| 5    | 2  | 2.078   | 0.368    | 2.078     | 1.710        | 0.000      |         |
| 5    | 3  | 1.179   | 0.405    | 1.179     | 0.774        | 0.000      |         |
| 6    | 1  | 0.872   | 0.379    | 0.872     | 0.492        | 0.000      |         |
| 6    | 2  | 0.702   | 0.379    | 0.702     | 0.323        | 0.000      |         |
| 6    | 3  | 0.626   | 0.379    | 0.626     | 0.247        | 0.000      |         |
| 7    | 1  | 0.544   | 0.368    | 0.544     | 0.176        | 0.000      |         |
| 7    | 2  | 0.482   | 0.368    | 0.482     | 0.116        | 0.002      |         |
| 7    | 3  | 0.469   | 0.405    | 0.469     | 0.128        | 0.063      |         |
| 8    | 1  | 0.377   | 0.105    | 0.377     | 0.271        | 0.000      |         |
| 8    | 2  | 0.333   | 0.105    | 0.333     | 0.227        | 0.000      |         |
| 8    | 3  | 0.322   | 0.116    | 0.322     | 0.206        | 0.000      |         |
| 9    | 1  | 0.258   | 0.037    | 0.258     | 0.220        | 0.000      |         |
| 9    | 2  | 0.228   | 0.037    | 0.228     | 0.191        | 0.000      |         |
| 9    | 3  | 0.202   | 0.037    | 0.202     | 0.165        | 0.000      |         |
| 10   | 1  | 0.179   | 0.037    | 0.179     | 0.142        | 0.000      |         |
| 10   | 2  | 0.159   | 0.037    | 0.159     | 0.122        | 0.000      |         |
| 10   | 3  | 0.154   | 0.041    | 0.154     | 0.128        | 0.014      |         |
| 11   | 1  | 0.123   | 0.141    | 0.123     | 0.116        | 0.133      |         |
| 11   | 2  | 0.111   | 0.141    | 0.111     | 0.111        | 0.141      |         |
| 11   | 3  | 0.136   | 0.141    | 0.136     | 0.116        | 0.121      |         |
| 12   | 1  | 0.213   | 0.354    | 0.213     | 0.116        | 0.258      |         |
| 12   | 2  | 0.372   | 0.354    | 0.372     | 0.116        | 0.098      |         |
| 12   | 3  | 0.410   | 0.390    | 0.410     | 0.128        | 0.108      |         |
| Tot  | al | 25.134  | 9.918    | 25.134    | 16.155       | 0.939      |         |

| 1997 |    | L. Ogan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 1.501   | 0.586    | 1.792     | 0.916        | 0.000      |         |
| 1    | 2  | 1.759   | 0.586    | 2.050     | 1.173        | 0.000      |         |
| 1    | 3  | 2.354   | 0.644    | 2.674     | 1.709        | 0.000      |         |
| 2    | 1  | 1.089   | 0.647    | 1.407     | 0.441        | 0.000      |         |
| 2    | 2  | 0.926   | 0.647    | 1.244     | 0.279        | 0.000      |         |
| 2    | 3  | 0.828   | 0.518    | 1.083     | 0.310        | 0.000      |         |
| 3    | 1  | 1.140   | 0.586    | 1.431     | 0.554        | 0.000      |         |
| 3    | 2  | 1.610   | 0.586    | 1.901     | 1.024        | 0.000      |         |
| 3    | 3  | 2.194   | 0.644    | 2.514     | 1.550        | 0.000      |         |
| 4    | 1  | 2.167   | 0.163    | 2.478     | 2.004        | 0.000      |         |
| 4    | 2  | 2.445   | 0.163    | 2.756     | 2.282        | 0.000      |         |
| 4    | 3  | 2.078   | 0.163    | 2.389     | 1.915        | 0.000      |         |
| 5    | 1  | 2.977   | 0.158    | 3.279     | 2.819        | 0.000      |         |
| 5    | 2  | 3.535   | 0.158    | 3.838     | 3.378        | 0.000      |         |
| 5    | 3  | 1.965   | 0.174    | 2.297     | 1.792        | 0.000      |         |
| 6    | 1  | 1.282   | 0.163    | 1.593     | 1.120        | 0.000      |         |
| 6    | 2  | 1.002   | 0.163    | 1.313     | 0.839        | 0.000      |         |
| 6    | 3  | 0.852   | 0.163    | 1.163     | 0.690        | 0.000      |         |
| 7    | 1  | 0.718   | 0.158    | 1.020     | 0.561        | 0.000      |         |
| 7    | 2  | 0.604   | 0.158    | 0.904     | 0.446        | 0.000      |         |
| 7    | 3  | 0.596   | 0.174    | 0.878     | 0.422        | 0.000      |         |
| 8    | 1  | 0.612   | 0.122    | 0.704     | 0.491        | 0.000      |         |
| 8    | 2  | 0.531   | 0.122    | 0.623     | 0.409        | 0.000      |         |
| 8    | 3  | 0.502   | 0.134    | 0.602     | 0.368        | 0.000      |         |
| 9    | 1  | 0.445   | 0.009    | 0.482     | 0.436        | 0.000      |         |
| 9    | 2  | 0.390   | 0.009    | 0.428     | 0.381        | 0.000      |         |
| 9    | 3  | 0.341   | 0.009    | 0.379     | 0.332        | 0.000      |         |
| 10   | 1  | 0.299   | 0.009    | 0.336     | 0.289        | 0.000      |         |
| 10   | 2  | 0.261   | 0.009    | 0.298     | 0.257        | 0.006      |         |
| 10   | 3  | 0.262   | 0.010    | 0.289     | 0.262        | 0.010      |         |
| 11   | 1  | 0.224   | 0.574    | 0.231     | 0.224        | 0.574      |         |
| 11   | 2  | 0.206   | 0.574    | 0.206     | 0.206        | 0.574      |         |
| 11   | 3  | 0.229   | 0.574    | 0.248     | 0.229        | 0.574      |         |
| 12   | 1  | 0.317   | 0.586    | 0.402     | 0.257        | 0.525      |         |
| 12   | 2  | 0.494   | 0.586    | 0.706     | 0.257        | 0.349      |         |
| 12   | 3  | 0.604   | 0.644    | 0.838     | 0.283        | 0.323      |         |
| Tot  | al | 39.340  | 11.371   | 46.775    | 30.905       | 2.936      |         |

| 1997 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 3.868                | 0.884       | 3.868        | 2.984      | 0.000   |
| 1    | 2  | 2.722                | 0.884       | 2.722        | 1.839      | 0.000   |
| 1    | 3  | 2.483                | 0.972       | 2.483        | 1.511      | 0.000   |
| 2    | 1  | 1.605                | 0.973       | 1.605        | 0.632      | 0.000   |
| 2    | 2  | 1.430                | 0.973       | 1.430        | 0.457      | 0.000   |
| 2    | 3  | 1.012                | 0.778       | 1.012        | 0.280      | 0.046   |
| 3    | 1  | 1.312                | 0.884       | 1.312        | 0.428      | 0.000   |
| 3    | 2  | 1.678                | 0.884       | 1.678        | 0.794      | 0.000   |
| 3    | 3  | 2.291                | 0.972       | 2.291        | 1.319      | 0.000   |
| 4    | 1  | 2.013                | 1.094       | 2.013        | 0.920      | 0.000   |
| 4    | 2  | 2.221                | 1.094       | 2.221        | 1.127      | 0.000   |
| 4    | 3  | 3.238                | 1.094       | 3.238        | 2.144      | 0.000   |
| 5    | 1  | 6.508                | 1.060       | 6.508        | 5.448      | 0.000   |
| 5    | 2  | 4.390                | 1.060       | 4.390        | 3.330      | 0.000   |
| 5    | 3  | 3.506                | 1.166       | 3.506        | 2.340      | 0.000   |
| 6    | 1  | 2.306                | 1.094       | 2.306        | 1.213      | 0.000   |
| 6    | 2  | 1.738                | 1.094       | 1.738        | 0.644      | 0.000   |
| 6    | 3  | 1.534                | 1.094       | 1.534        | 0.440      | 0.000   |
| 7    | 1  | 1.399                | 1.060       | 1.399        | 0.350      | 0.011   |
| 7    | 2  | 1.212                | 1.060       | 1.212        | 0.350      | 0.199   |
| 7    | 3  | 1.279                | 1.166       | 1.279        | 0.385      | 0.273   |
| 8    | 1  | 1.199                | 0.053       | 1.199        | 1.147      | 0.000   |
| 8    | 2  | 0.995                | 0.053       | 0.995        | 0.942      | 0.000   |
| 8    | 3  | 0.954                | 0.058       | 0.954        | 0.896      | 0.000   |
| 9    | 1  | 0.824                | 0.053       | 0.824        | 0.772      | 0.000   |
| 9    | 2  | 0.693                | 0.053       | 0.693        | 0.640      | 0.000   |
| 9    | 3  | 0.608                | 0.053       | 0.608        | 0.555      | 0.000   |
| 10   | 1  | 0.549                | 0.053       | 0.549        | 0.497      | 0.000   |
| 10   | 2  | 0.491                | 0.053       | 0.491        | 0.438      | 0.000   |
| 10   | 3  | 0.463                | 0.058       | 0.463        | 0.405      | 0.000   |
| 11   | 1  | 0.370                | 0.053       | 0.370        | 0.350      | 0.032   |
| 11   | 2  | 0.345                | 0.053       | 0.345        | 0.345      | 0.053   |
| 11   | 3  | 0.549                | 0.053       | 0.549        | 0.496      | 0.000   |
| 12   | 1  | 2.060                | 0.884       | 2.060        | 1.176      | 0.000   |
| 12   | 2  | 2.917                | 0.884       | 2.917        | 2.034      | 0.000   |
| 12   | 3  | 1.454                | 0.972       | 1.454        | 0.482      | 0.000   |
| Tot  | al | 64.217               | 24.720      | 64.217       | 40.110     | 0.613   |

  

| 1997 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 5.404                | 0.964       | 6.188        | 4.440      | 0.000   |
| 1    | 2  | 4.041                | 0.964       | 4.825        | 3.077      | 0.000   |
| 1    | 3  | 4.934                | 1.061       | 5.797        | 3.873      | 0.000   |
| 2    | 1  | 2.727                | 1.063       | 3.589        | 1.664      | 0.000   |
| 2    | 2  | 2.082                | 1.063       | 2.944        | 1.018      | 0.000   |
| 2    | 3  | 1.813                | 0.851       | 2.462        | 0.962      | 0.000   |
| 3    | 1  | 2.262                | 0.964       | 3.046        | 1.298      | 0.000   |
| 3    | 2  | 2.890                | 0.964       | 3.674        | 1.925      | 0.000   |
| 3    | 3  | 4.208                | 1.061       | 5.071        | 3.147      | 0.000   |
| 4    | 1  | 2.982                | 1.295       | 3.951        | 1.687      | 0.000   |
| 4    | 2  | 3.424                | 1.295       | 4.393        | 2.129      | 0.000   |
| 4    | 3  | 5.019                | 1.295       | 5.988        | 3.723      | 0.000   |
| 5    | 1  | 7.974                | 1.255       | 8.913        | 6.719      | 0.000   |
| 5    | 2  | 6.147                | 1.255       | 7.086        | 4.892      | 0.000   |
| 5    | 3  | 4.813                | 1.380       | 5.847        | 3.433      | 0.000   |
| 6    | 1  | 2.898                | 1.295       | 3.867        | 1.603      | 0.000   |
| 6    | 2  | 2.001                | 1.295       | 2.970        | 0.706      | 0.000   |
| 6    | 3  | 1.641                | 1.295       | 2.610        | 0.546      | 0.201   |
| 7    | 1  | 1.410                | 1.255       | 2.340        | 0.546      | 0.390   |
| 7    | 2  | 1.286                | 1.255       | 2.050        | 0.546      | 0.515   |
| 7    | 3  | 1.291                | 1.380       | 2.084        | 0.601      | 0.690   |
| 8    | 1  | 1.791                | 1.003       | 1.844        | 0.788      | 0.000   |
| 8    | 2  | 1.513                | 1.003       | 1.566        | 0.546      | 0.036   |
| 8    | 3  | 1.449                | 1.104       | 1.506        | 0.601      | 0.256   |
| 9    | 1  | 1.214                | 0.041       | 1.266        | 1.173      | 0.000   |
| 9    | 2  | 1.032                | 0.041       | 1.084        | 0.991      | 0.000   |
| 9    | 3  | 0.902                | 0.041       | 0.955        | 0.861      | 0.000   |
| 10   | 1  | 0.805                | 0.041       | 0.857        | 0.764      | 0.000   |
| 10   | 2  | 0.711                | 0.041       | 0.763        | 0.670      | 0.000   |
| 10   | 3  | 0.669                | 0.045       | 0.727        | 0.624      | 0.000   |
| 11   | 1  | 0.562                | 0.781       | 0.582        | 0.546      | 0.765   |
| 11   | 2  | 0.536                | 0.781       | 0.536        | 0.536      | 0.781   |
| 11   | 3  | 0.670                | 0.781       | 0.722        | 0.546      | 0.657   |
| 12   | 1  | 1.429                | 0.964       | 2.213        | 0.546      | 0.081   |
| 12   | 2  | 2.301                | 0.964       | 3.085        | 1.337      | 0.000   |
| 12   | 3  | 0.864                | 1.061       | 1.726        | 0.601      | 0.798   |
| Tot  | al | 87.695               | 33.201      | 109.129      | 59.664     | 5.170   |



| 1997 |    | L. Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 13.069              | 0.914       | 17.985       | 12.155     | 0.000   |
| 1    | 2  | 13.398              | 0.914       | 18.494       | 12.485     | 0.000   |
| 1    | 3  | 15.114              | 1.005       | 20.537       | 14.109     | 0.000   |
| 2    | 1  | 8.801               | 0.980       | 13.712       | 7.821      | 0.000   |
| 2    | 2  | 7.403               | 0.980       | 12.209       | 6.423      | 0.000   |
| 2    | 3  | 6.287               | 0.784       | 10.005       | 5.507      | 0.003   |
| 3    | 1  | 10.239              | 0.914       | 14.913       | 9.326      | 0.000   |
| 3    | 2  | 16.346              | 0.914       | 21.271       | 15.432     | 0.000   |
| 3    | 3  | 22.715              | 1.005       | 28.200       | 21.710     | 0.000   |
| 4    | 1  | 20.327              | 1.168       | 26.117       | 19.160     | 0.000   |
| 4    | 2  | 22.137              | 1.168       | 27.945       | 20.969     | 0.000   |
| 4    | 3  | 17.780              | 1.168       | 23.459       | 16.612     | 0.000   |
| 5    | 1  | 23.809              | 1.139       | 29.464       | 22.670     | 0.000   |
| 5    | 2  | 21.036              | 1.139       | 26.634       | 19.896     | 0.000   |
| 5    | 3  | 14.963              | 1.253       | 21.081       | 13.710     | 0.000   |
| 6    | 1  | 9.326               | 1.168       | 14.779       | 8.158      | 0.000   |
| 6    | 2  | 6.990               | 1.168       | 12.188       | 5.823      | 0.000   |
| 6    | 3  | 6.036               | 1.168       | 10.917       | 4.869      | 0.000   |
| 7    | 1  | 5.510               | 1.139       | 10.099       | 4.370      | 0.000   |
| 7    | 2  | 4.746               | 1.139       | 8.822        | 3.778      | 0.171   |
| 7    | 3  | 4.557               | 1.253       | 8.842        | 4.018      | 0.715   |
| 8    | 1  | 4.358               | 1.128       | 7.327        | 4.069      | 0.839   |
| 8    | 2  | 3.744               | 1.128       | 6.488        | 3.509      | 0.893   |
| 8    | 3  | 3.639               | 1.241       | 6.297        | 3.380      | 0.983   |
| 9    | 1  | 4.881               | 0.298       | 5.221        | 4.583      | 0.000   |
| 9    | 2  | 4.274               | 0.298       | 4.610        | 3.975      | 0.000   |
| 9    | 3  | 3.797               | 0.298       | 4.129        | 3.769      | 0.271   |
| 10   | 1  | 3.430               | 0.298       | 3.744        | 3.426      | 0.295   |
| 10   | 2  | 3.135               | 0.298       | 3.429        | 3.131      | 0.295   |
| 10   | 3  | 3.133               | 0.328       | 3.429        | 3.129      | 0.324   |
| 11   | 1  | 2.289               | 0.925       | 2.933        | 2.108      | 0.743   |
| 11   | 2  | 2.408               | 0.925       | 3.203        | 2.226      | 0.743   |
| 11   | 3  | 2.782               | 0.925       | 4.272        | 2.593      | 0.736   |
| 12   | 1  | 4.166               | 0.914       | 8.282        | 3.558      | 0.305   |
| 12   | 2  | 7.164               | 0.914       | 11.704       | 6.251      | 0.000   |
| 12   | 3  | 5.087               | 1.005       | 8.778        | 4.082      | 0.000   |
| Tot  | al | 328.877             | 33.401      | 461.517      | 302.792    | 7.316   |

| 1997 | Mu | si Mouth<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 14.803               | 0.491       | 20.633       | 14.409     | 0.000   |
| 1    | 2  | 14.687               | 0.491       | 20.697       | 14.293     | 0.000   |
| 1    | 3  | 16.580               | 0.540       | 23.008       | 16.147     | 0.000   |
| 2    | 1  | 10.268               | 0.543       | 16.159       | 9.832      | 0.000   |
| 2    | 2  | 8.726                | 0.543       | 14.512       | 8.291      | 0.000   |
| 2    | 3  | 7.313                | 0.434       | 11.811       | 6.965      | 0.000   |
| 3    | 1  | 11.500               | 0.491       | 17.087       | 11.106     | 0.000   |
| 3    | 2  | 17.951               | 0.491       | 23.789       | 17.557     | 0.000   |
| 3    | 3  | 24.780               | 0.540       | 31.270       | 24.347     | 0.000   |
| 4    | 1  | 21.951               | 0.705       | 28.909       | 21.386     | 0.000   |
| 4    | 2  | 24.232               | 0.705       | 31.208       | 23.667     | 0.000   |
| 4    | 3  | 19.538               | 0.705       | 26.385       | 18.973     | 0.000   |
| 5    | 1  | 25.601               | 0.683       | 32.395       | 25.054     | 0.000   |
| 5    | 2  | 23.247               | 0.683       | 29.985       | 22.700     | 0.000   |
| 5    | 3  | 16.280               | 0.751       | 23.651       | 15.677     | 0.000   |
| 6    | 1  | 9.965                | 0.705       | 16.586       | 9.399      | 0.000   |
| 6    | 2  | 7.396                | 0.705       | 13.760       | 6.830      | 0.000   |
| 6    | 3  | 6.242                | 0.705       | 12.290       | 5.677      | 0.000   |
| 7    | 1  | 5.584                | 0.683       | 11.313       | 5.036      | 0.000   |
| 7    | 2  | 4.853                | 0.683       | 9.897        | 4.305      | 0.000   |
| 7    | 3  | 5.060                | 0.751       | 9.883        | 4.458      | 0.000   |
| 8    | 1  | 4.904                | 0.671       | 8.162        | 4.365      | 0.000   |
| 8    | 2  | 4.248                | 0.671       | 7.228        | 3.915      | 0.257   |
| 8    | 3  | 4.097                | 0.738       | 7.013        | 4.097      | 0.738   |
| 9    | 1  | 5.157                | 0.007       | 5.795        | 5.150      | 0.000   |
| 9    | 2  | 4.484                | 0.007       | 5.118        | 4.477      | 0.000   |
| 9    | 3  | 4.220                | 0.007       | 4.580        | 4.213      | 0.000   |
| 10   | 1  | 3.826                | 0.007       | 4.144        | 3.826      | 0.007   |
| 10   | 2  | 3.485                | 0.007       | 3.782        | 3.485      | 0.007   |
| 10   | 3  | 3.472                | 0.007       | 3.772        | 3.472      | 0.007   |
| 11   | 1  | 2.383                | 0.497       | 3.208        | 2.383      | 0.497   |
| 11   | 2  | 2.472                | 0.497       | 3.448        | 2.472      | 0.497   |
| 11   | 3  | 2.835                | 0.497       | 4.513        | 2.835      | 0.497   |
| 12   | 1  | 3.955                | 0.491       | 8.679        | 3.857      | 0.370   |
| 12   | 2  | 6.876                | 0.491       | 12.329       | 6.482      | 0.000   |
| 12   | 3  | 4.935                | 0.540       | 9.630        | 4.502      | 0.000   |
| Tot  | al | 357.904              | 18.159      | 516.629      | 345.640    | 2.878   |

| 1998 |    | U. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 1.340    | 0.833     | 1.272        | 0.590      | 0.025   |
| 1    | 2  |         | 3.946    | 1.206     | 3.878        | 2.803      | 0.000   |
| 1    | 3  |         | 5.675    | 1.311     | 5.601        | 4.434      | 0.000   |
| 2    | 1  |         | 7.579    | 1.418     | 7.504        | 6.231      | 0.000   |
| 2    | 2  |         | 3.405    | 1.138     | 3.330        | 2.337      | 0.000   |
| 2    | 3  |         | 2.520    | 0.950     | 2.461        | 1.627      | 0.000   |
| 3    | 1  |         | 4.367    | 1.198     | 4.300        | 3.233      | 0.000   |
| 3    | 2  |         | 4.339    | 1.149     | 4.272        | 3.254      | 0.000   |
| 3    | 3  |         | 4.996    | 1.272     | 4.921        | 3.793      | 0.000   |
| 4    | 1  |         | 3.049    | 1.072     | 2.964        | 2.056      | 0.000   |
| 4    | 2  |         | 6.213    | 1.308     | 6.128        | 4.985      | 0.000   |
| 4    | 3  |         | 3.457    | 1.184     | 3.372        | 2.352      | 0.000   |
| 5    | 1  |         | 4.689    | 1.174     | 4.607        | 3.591      | 0.000   |
| 5    | 2  |         | 3.554    | 1.140     | 3.471        | 2.490      | 0.000   |
| 5    | 3  |         | 3.259    | 1.148     | 3.169        | 2.196      | 0.000   |
| 6    | 1  |         | 2.113    | 1.039     | 2.028        | 1.153      | 0.000   |
| 6    | 2  |         | 1.756    | 1.010     | 1.672        | 0.829      | 0.003   |
| 6    | 3  |         | 2.217    | 1.013     | 2.132        | 1.284      | 0.000   |
| 7    | 1  |         | 1.515    | 0.968     | 1.441        | 0.660      | 0.036   |
| 7    | 2  |         | 1.582    | 0.962     | 1.511        | 0.752      | 0.055   |
| 7    | 3  |         | 1.677    | 1.059     | 1.598        | 0.762      | 0.059   |
| 8    | 1  |         | 1.350    | 0.884     | 1.284        | 0.596      | 0.066   |
| 8    | 2  |         | 1.448    | 0.894     | 1.382        | 0.632      | 0.000   |
| 8    | 3  |         | 1.646    | 1.002     | 1.573        | 0.729      | 0.000   |
| 9    | 1  |         | 1.518    | 0.198     | 1.518        | 1.321      | 0.000   |
| 9    | 2  |         | 1.126    | 0.150     | 1.126        | 0.976      | 0.000   |
| 9    | 3  |         | 1.102    | 0.152     | 1.102        | 0.949      | 0.000   |
| 10   | 1  |         | 1.305    | 0.176     | 1.305        | 1.129      | 0.000   |
| 10   | 2  |         | 1.296    | 0.172     | 1.296        | 1.124      | 0.000   |
| 10   | 3  |         | 1.349    | 0.180     | 1.349        | 1.168      | 0.000   |
| 11   | 1  |         | 1.440    | 0.788     | 1.383        | 0.717      | 0.000   |
| 11   | 2  |         | 1.115    | 0.758     | 1.059        | 0.562      | 0.175   |
| 11   | 3  |         | 0.953    | 0.740     | 0.905        | 0.542      | 0.318   |
| 12   | 1  |         | 0.965    | 0.795     | 0.911        | 0.537      | 0.362   |
| 12   | 2  |         | 0.871    | 0.778     | 0.827        | 0.532      | 0.439   |
| 12   | 3  |         | 1.259    | 0.902     | 1.184        | 0.609      | 0.229   |
| Tot  | al |         | 91.990   | 32.122    | 89.835       | 63.536     | 1.768   |
|      |    |         |          |           |              |            |         |
| 1998 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 0.450    | 0.295     | 0.450        | 0.154      | 0.000   |
| 1    | 2  |         | 1.066    | 0.295     | 1.066        | 0.771      | 0.000   |
| 1    | 3  |         | 2.124    | 0.325     | 2.124        | 1.799      | 0.000   |
| 2    | 1  |         | 2.081    | 0.325     | 2.081        | 1.756      | 0.000   |
| 2    | 2  |         | 1.688    | 0.325     | 1.688        | 1.363      | 0.000   |
| 2    | 3  |         | 1.451    | 0.260     | 1.451        | 1.191      | 0.000   |
| 3    | 1  |         | 1.315    | 0.295     | 1.315        | 1.019      | 0.000   |
| 3    | 2  |         | 1.584    | 0.295     | 1.584        | 1.289      | 0.000   |
| 3    | 3  |         | 1.583    | 0.325     | 1.583        | 1.258      | 0.000   |
| 4    | 1  |         | 1.294    | 0.365     | 1.294        | 0.929      | 0.000   |
| 4    | 2  |         | 0.957    | 0.365     | 0.957        | 0.591      | 0.000   |
| 4    | 3  |         | 0.935    | 0.365     | 0.935        | 0.569      | 0.000   |
| 5    | 1  |         | 0.900    | 0.354     | 0.900        | 0.546      | 0.000   |
| 5    | 2  |         | 0.809    | 0.354     | 0.809        | 0.455      | 0.000   |
| 5    | 3  |         | 0.755    | 0.390     | 0.755        | 0.366      | 0.000   |
| 6    | 1  |         | 0.607    | 0.365     | 0.607        | 0.242      | 0.000   |
| 6    | 2  |         | 0.514    | 0.365     | 0.514        | 0.149      | 0.000   |
| 6    | 3  |         | 0.448    | 0.365     | 0.448        | 0.083      | 0.000   |
| 7    | 1  |         | 0.395    | 0.354     | 0.395        | 0.040      | 0.000   |
| 7    | 2  |         | 0.350    | 0.354     | 0.350        | 0.028      | 0.033   |
| 7    | 3  |         | 0.342    | 0.390     | 0.342        | 0.031      | 0.079   |
| 8    | 1  |         | 0.283    | 0.192     | 0.283        | 0.092      | 0.000   |
| 8    | 2  |         | 0.285    | 0.192     | 0.285        | 0.093      | 0.000   |
| 8    | 3  |         | 0.367    | 0.211     | 0.367        | 0.156      | 0.000   |
| 9    | 1  |         | 0.355    | 0.019     | 0.355        | 0.336      | 0.000   |
| 9    | 2  |         | 0.291    | 0.019     | 0.291        | 0.272      | 0.000   |
| 9    | 3  |         | 0.237    | 0.019     | 0.237        | 0.218      | 0.000   |
| 10   | 1  |         | 0.259    | 0.019     | 0.259        | 0.240      | 0.000   |
| 10   | 2  |         | 0.313    | 0.019     | 0.313        | 0.294      | 0.000   |
| 10   | 3  |         | 0.278    | 0.021     | 0.278        | 0.258      | 0.000   |
| 11   | 1  |         | 0.267    | 0.166     | 0.267        | 0.101      | 0.000   |
| 11   | 2  |         | 0.260    | 0.166     | 0.260        | 0.094      | 0.000   |
| 11   | 3  |         | 0.201    | 0.166     | 0.201        | 0.035      | 0.000   |
| 12   | 1  |         | 0.177    | 0.295     | 0.177        | 0.028      | 0.146   |
| 12   | 2  |         | 0.160    | 0.295     | 0.160        | 0.028      | 0.164   |
| 12   | 3  |         | 0.291    | 0.325     | 0.291        | 0.031      | 0.064   |
| Tot  | al |         | 25.670   | 9.252     | 25.670       | 16.903     | 0.485   |

| 1998 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.423    | 0.211     | 0.423        | 0.212        | 0.000      |         |
| 1    | 2  |          | 0.896    | 0.211     | 0.896        | 0.685        | 0.000      |         |
| 1    | 3  |          | 1.766    | 0.233     | 1.766        | 1.533        | 0.000      |         |
| 2    | 1  |          | 1.504    | 0.234     | 1.504        | 1.270        | 0.000      |         |
| 2    | 2  |          | 1.229    | 0.234     | 1.229        | 0.995        | 0.000      |         |
| 2    | 3  |          | 1.137    | 0.187     | 1.137        | 0.950        | 0.000      |         |
| 3    | 1  |          | 1.147    | 0.211     | 1.147        | 0.936        | 0.000      |         |
| 3    | 2  |          | 1.310    | 0.211     | 1.310        | 1.098        | 0.000      |         |
| 3    | 3  |          | 1.355    | 0.233     | 1.355        | 1.122        | 0.000      |         |
| 4    | 1  |          | 1.170    | 0.265     | 1.170        | 0.904        | 0.000      |         |
| 4    | 2  |          | 0.973    | 0.265     | 0.973        | 0.708        | 0.000      |         |
| 4    | 3  |          | 0.942    | 0.265     | 0.942        | 0.677        | 0.000      |         |
| 5    | 1  |          | 0.846    | 0.257     | 0.846        | 0.589        | 0.000      |         |
| 5    | 2  |          | 0.759    | 0.257     | 0.759        | 0.502        | 0.000      |         |
| 5    | 3  |          | 0.728    | 0.282     | 0.728        | 0.446        | 0.000      |         |
| 6    | 1  |          | 0.576    | 0.265     | 0.576        | 0.311        | 0.000      |         |
| 6    | 2  |          | 0.505    | 0.265     | 0.505        | 0.240        | 0.000      |         |
| 6    | 3  |          | 0.445    | 0.265     | 0.445        | 0.180        | 0.000      |         |
| 7    | 1  |          | 0.393    | 0.257     | 0.393        | 0.136        | 0.000      |         |
| 7    | 2  |          | 0.348    | 0.257     | 0.348        | 0.092        | 0.000      |         |
| 7    | 3  |          | 0.339    | 0.282     | 0.339        | 0.056        | 0.000      |         |
| 8    | 1  |          | 0.279    | 0.229     | 0.279        | 0.050        | 0.000      |         |
| 8    | 2  |          | 0.275    | 0.229     | 0.275        | 0.046        | 0.000      |         |
| 8    | 3  |          | 0.352    | 0.252     | 0.352        | 0.101        | 0.000      |         |
| 9    | 1  |          | 0.335    | 0.006     | 0.335        | 0.329        | 0.000      |         |
| 9    | 2  |          | 0.280    | 0.006     | 0.280        | 0.274        | 0.000      |         |
| 9    | 3  |          | 0.238    | 0.006     | 0.238        | 0.233        | 0.000      |         |
| 10   | 1  |          | 0.250    | 0.006     | 0.250        | 0.245        | 0.000      |         |
| 10   | 2  |          | 0.286    | 0.006     | 0.286        | 0.280        | 0.000      |         |
| 10   | 3  |          | 0.267    | 0.006     | 0.267        | 0.261        | 0.000      |         |
| 11   | 1  |          | 0.253    | 0.195     | 0.253        | 0.058        | 0.000      |         |
| 11   | 2  |          | 0.251    | 0.195     | 0.251        | 0.056        | 0.000      |         |
| 11   | 3  |          | 0.207    | 0.195     | 0.207        | 0.039        | 0.026      |         |
| 12   | 1  |          | 0.186    | 0.211     | 0.186        | 0.039        | 0.064      |         |
| 12   | 2  |          | 0.168    | 0.211     | 0.168        | 0.039        | 0.083      |         |
| 12   | 3  |          | 0.308    | 0.233     | 0.308        | 0.076        | 0.000      |         |
| Tot  | al |          | 22.727   | 7.132     | 22.727       | 15.768       | 0.173      |         |
|      |    |          |          |           |              |              |            |         |
| 1998 |    | U.       | Lakitan  | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.482    | 0.315     | 0.482        | 0.167        | 0.000      |         |
| 1    | 2  |          | 1.401    | 0.315     | 1.401        | 1.086        | 0.000      |         |
| 1    | 3  |          | 2.344    | 0.347     | 2.344        | 1.998        | 0.000      |         |
| 2    | 1  |          | 1.924    | 0.348     | 1.924        | 1.576        | 0.000      |         |
| 2    | 2  |          | 1.544    | 0.348     | 1.544        | 1.196        | 0.000      |         |
| 2    | 3  |          | 1.645    | 0.278     | 1.645        | 1.366        | 0.000      |         |
| 3    | 1  |          | 1.383    | 0.315     | 1.383        | 1.068        | 0.000      |         |
| 3    | 2  |          | 1.914    | 0.315     | 1.914        | 1.599        | 0.000      |         |
| 3    | 3  |          | 1.845    | 0.347     | 1.845        | 1.498        | 0.000      |         |
| 4    | 1  |          | 1.275    | 0.393     | 1.275        | 0.882        | 0.000      |         |
| 4    | 2  |          | 0.944    | 0.393     | 0.944        | 0.551        | 0.000      |         |
| 4    | 3  |          | 1.009    | 0.393     | 1.009        | 0.617        | 0.000      |         |
| 5    | 1  |          | 0.910    | 0.380     | 0.910        | 0.529        | 0.000      |         |
| 5    | 2  |          | 0.814    | 0.380     | 0.814        | 0.434        | 0.000      |         |
| 5    | 3  |          | 0.736    | 0.418     | 0.736        | 0.318        | 0.000      |         |
| 6    | 1  |          | 0.579    | 0.393     | 0.579        | 0.187        | 0.000      |         |
| 6    | 2  |          | 0.508    | 0.393     | 0.508        | 0.115        | 0.000      |         |
| 6    | 3  |          | 0.444    | 0.393     | 0.444        | 0.052        | 0.000      |         |
| 7    | 1  |          | 0.392    | 0.380     | 0.392        | 0.046        | 0.034      |         |
| 7    | 2  |          | 0.350    | 0.380     | 0.350        | 0.046        | 0.077      |         |
| 7    | 3  |          | 0.343    | 0.418     | 0.343        | 0.051        | 0.126      |         |
| 8    | 1  |          | 0.296    | 0.157     | 0.296        | 0.138        | 0.000      |         |
| 8    | 2  |          | 0.323    | 0.157     | 0.323        | 0.165        | 0.000      |         |
| 8    | 3  |          | 0.439    | 0.173     | 0.439        | 0.266        | 0.000      |         |
| 9    | 1  |          | 0.395    | 0.008     | 0.395        | 0.386        | 0.000      |         |
| 9    | 2  |          | 0.312    | 0.008     | 0.312        | 0.304        | 0.000      |         |
| 9    | 3  |          | 0.269    | 0.008     | 0.269        | 0.261        | 0.000      |         |
| 10   | 1  |          | 0.349    | 0.008     | 0.349        | 0.340        | 0.000      |         |
| 10   | 2  |          | 0.386    | 0.008     | 0.386        | 0.378        | 0.000      |         |
| 10   | 3  |          | 0.333    | 0.009     | 0.333        | 0.324        | 0.000      |         |
| 11   | 1  |          | 0.354    | 0.135     | 0.354        | 0.219        | 0.000      |         |
| 11   | 2  |          | 0.326    | 0.135     | 0.326        | 0.191        | 0.000      |         |
| 11   | 3  |          | 0.250    | 0.135     | 0.250        | 0.114        | 0.000      |         |
| 12   | 1  |          | 0.243    | 0.315     | 0.243        | 0.046        | 0.118      |         |
| 12   | 2  |          | 0.209    | 0.315     | 0.209        | 0.046        | 0.152      |         |
| 12   | 3  |          | 0.410    | 0.347     | 0.410        | 0.063        | 0.000      |         |
| Tot  | al |          | 27.678   | 9.563     | 27.678       | 18.623       | 0.507      |         |

| 1998 | L. | Lakitan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 0.329    | 0.038       | 0.582        | 0.291      | 0.000   |
| 1    | 2  |         | 1.368    | 0.038       | 1.622        | 1.331      | 0.000   |
| 1    | 3  |         | 2.493    | 0.041       | 2.772        | 2.452      | 0.000   |
| 2    | 1  |         | 2.014    | 0.041       | 2.294        | 1.973      | 0.000   |
| 2    | 2  |         | 1.564    | 0.041       | 1.844        | 1.523      | 0.000   |
| 2    | 3  |         | 1.711    | 0.033       | 1.935        | 1.679      | 0.000   |
| 3    | 1  |         | 1.403    | 0.038       | 1.656        | 1.365      | 0.000   |
| 3    | 2  |         | 1.976    | 0.038       | 2.229        | 1.938      | 0.000   |
| 3    | 3  |         | 1.896    | 0.041       | 2.175        | 1.855      | 0.000   |
| 4    | 1  |         | 1.238    | 0.046       | 1.554        | 1.192      | 0.000   |
| 4    | 2  |         | 0.847    | 0.046       | 1.163        | 0.802      | 0.000   |
| 4    | 3  |         | 0.905    | 0.046       | 1.221        | 0.860      | 0.000   |
| 5    | 1  |         | 0.795    | 0.044       | 1.101        | 0.751      | 0.000   |
| 5    | 2  |         | 0.682    | 0.044       | 0.988        | 0.637      | 0.000   |
| 5    | 3  |         | 0.566    | 0.049       | 0.902        | 0.517      | 0.000   |
| 6    | 1  |         | 0.395    | 0.046       | 0.710        | 0.349      | 0.000   |
| 6    | 2  |         | 0.307    | 0.046       | 0.623        | 0.261      | 0.000   |
| 6    | 3  |         | 0.229    | 0.046       | 0.545        | 0.184      | 0.000   |
| 7    | 1  |         | 0.203    | 0.044       | 0.481        | 0.158      | 0.000   |
| 7    | 2  |         | 0.184    | 0.044       | 0.429        | 0.140      | 0.000   |
| 7    | 3  |         | 0.184    | 0.049       | 0.420        | 0.136      | 0.000   |
| 8    | 1  |         | 0.232    | 0.037       | 0.360        | 0.196      | 0.000   |
| 8    | 2  |         | 0.260    | 0.037       | 0.387        | 0.223      | 0.000   |
| 8    | 3  |         | 0.384    | 0.040       | 0.524        | 0.344      | 0.000   |
| 9    | 1  |         | 0.468    | 0.006       | 0.476        | 0.462      | 0.000   |
| 9    | 2  |         | 0.373    | 0.006       | 0.381        | 0.367      | 0.000   |
| 9    | 3  |         | 0.319    | 0.006       | 0.328        | 0.314      | 0.000   |
| 10   | 1  |         | 0.404    | 0.006       | 0.412        | 0.398      | 0.000   |
| 10   | 2  |         | 0.451    | 0.006       | 0.459        | 0.445      | 0.000   |
| 10   | 3  |         | 0.393    | 0.006       | 0.402        | 0.386      | 0.000   |
| 11   | 1  |         | 0.310    | 0.032       | 0.420        | 0.278      | 0.000   |
| 11   | 2  |         | 0.281    | 0.032       | 0.391        | 0.249      | 0.000   |
| 11   | 3  |         | 0.194    | 0.032       | 0.304        | 0.162      | 0.000   |
| 12   | 1  |         | 0.133    | 0.038       | 0.292        | 0.095      | 0.000   |
| 12   | 2  |         | 0.122    | 0.038       | 0.254        | 0.084      | 0.000   |
| 12   | 3  |         | 0.210    | 0.041       | 0.489        | 0.168      | 0.000   |
| Tot  | al |         | 25.822   | 1.256       | 33.127       | 24.566     | 0.000   |
| 1998 |    | M. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 1.426    | 0.072       | 2.790        | 1.354      | 0.000   |
| 1    | 2  |         | 5.808    | 0.072       | 7.565        | 5.736      | 0.000   |
| 1    | 3  |         | 10.510   | 0.079       | 12.427       | 10.431     | 0.000   |
| 2    | 1  |         | 11.544   | 0.079       | 13.567       | 11.464     | 0.000   |
| 2    | 2  |         | 6.521    | 0.079       | 8.264        | 6.442      | 0.000   |
| 2    | 3  |         | 5.705    | 0.063       | 7.139        | 5.641      | 0.000   |
| 3    | 1  |         | 6.948    | 0.072       | 8.697        | 6.876      | 0.000   |
| 3    | 2  |         | 8.134    | 0.072       | 9.834        | 8.062      | 0.000   |
| 3    | 3  |         | 8.903    | 0.079       | 10.781       | 8.823      | 0.000   |
| 4    | 1  |         | 6.021    | 0.089       | 7.775        | 5.932      | 0.000   |
| 4    | 2  |         | 8.153    | 0.089       | 10.142       | 8.064      | 0.000   |
| 4    | 3  |         | 5.309    | 0.089       | 7.174        | 5.220      | 0.000   |
| 5    | 1  |         | 6.238    | 0.086       | 8.073        | 6.152      | 0.000   |
| 5    | 2  |         | 4.755    | 0.086       | 6.555        | 4.668      | 0.000   |
| 5    | 3  |         | 4.129    | 0.095       | 6.003        | 4.034      | 0.000   |
| 6    | 1  |         | 2.564    | 0.089       | 4.284        | 2.474      | 0.000   |
| 6    | 2  |         | 1.937    | 0.089       | 3.626        | 1.848      | 0.000   |
| 6    | 3  |         | 2.146    | 0.089       | 3.840        | 2.056      | 0.000   |
| 7    | 1  |         | 1.372    | 0.086       | 2.945        | 1.286      | 0.000   |
| 7    | 2  |         | 1.346    | 0.086       | 2.837        | 1.259      | 0.000   |
| 7    | 3  |         | 1.330    | 0.095       | 2.904        | 1.235      | 0.000   |
| 8    | 1  |         | 1.203    | 0.070       | 2.377        | 1.133      | 0.000   |
| 8    | 2  |         | 1.248    | 0.070       | 2.485        | 1.178      | 0.000   |
| 8    | 3  |         | 1.578    | 0.077       | 2.957        | 1.501      | 0.000   |
| 9    | 1  |         | 2.572    | 0.004       | 2.808        | 2.568      | 0.000   |
| 9    | 2  |         | 1.998    | 0.004       | 2.187        | 1.994      | 0.000   |
| 9    | 3  |         | 1.824    | 0.004       | 2.015        | 1.820      | 0.000   |
| 10   | 1  |         | 2.115    | 0.004       | 2.329        | 2.110      | 0.000   |
| 10   | 2  |         | 2.237    | 0.004       | 2.448        | 2.233      | 0.000   |
| 10   | 3  |         | 2.181    | 0.005       | 2.404        | 2.176      | 0.000   |
| 11   | 1  |         | 1.359    | 0.060       | 2.444        | 1.299      | 0.000   |
| 11   | 2  |         | 1.134    | 0.060       | 2.050        | 1.074      | 0.000   |
| 11   | 3  |         | 0.933    | 0.060       | 1.696        | 0.886      | 0.013   |
| 12   | 1  |         | 0.868    | 0.072       | 1.663        | 0.808      | 0.012   |
| 12   | 2  |         | 0.821    | 0.072       | 1.486        | 0.785      | 0.036   |
| 12   | 3  |         | 1.062    | 0.079       | 2.342        | 1.015      | 0.032   |
| Tot  | al |         | 133.932  | 2.386       | 180.914      | 131.639    | 0.094   |

| 1998 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.420    | 0.242    | 0.420     | 0.178        | 0.000      |         |
| 1    | 2  | 0.694    | 0.242    | 0.694     | 0.452        | 0.000      |         |
| 1    | 3  | 0.933    | 0.267    | 0.933     | 0.667        | 0.000      |         |
| 2    | 1  | 1.593    | 0.268    | 1.593     | 1.325        | 0.000      |         |
| 2    | 2  | 1.271    | 0.268    | 1.271     | 1.004        | 0.000      |         |
| 2    | 3  | 1.364    | 0.214    | 1.364     | 1.149        | 0.000      |         |
| 3    | 1  | 2.081    | 0.242    | 2.081     | 1.839        | 0.000      |         |
| 3    | 2  | 2.020    | 0.242    | 2.020     | 1.778        | 0.000      |         |
| 3    | 3  | 1.866    | 0.267    | 1.866     | 1.600        | 0.000      |         |
| 4    | 1  | 1.718    | 0.302    | 1.718     | 1.416        | 0.000      |         |
| 4    | 2  | 1.770    | 0.302    | 1.770     | 1.467        | 0.000      |         |
| 4    | 3  | 1.958    | 0.302    | 1.958     | 1.656        | 0.000      |         |
| 5    | 1  | 1.404    | 0.293    | 1.404     | 1.111        | 0.000      |         |
| 5    | 2  | 1.468    | 0.293    | 1.468     | 1.175        | 0.000      |         |
| 5    | 3  | 1.189    | 0.322    | 1.189     | 0.867        | 0.000      |         |
| 6    | 1  | 0.896    | 0.302    | 0.896     | 0.593        | 0.000      |         |
| 6    | 2  | 0.839    | 0.302    | 0.839     | 0.536        | 0.000      |         |
| 6    | 3  | 0.862    | 0.302    | 0.862     | 0.559        | 0.000      |         |
| 7    | 1  | 0.679    | 0.293    | 0.679     | 0.386        | 0.000      |         |
| 7    | 2  | 0.679    | 0.293    | 0.679     | 0.386        | 0.000      |         |
| 7    | 3  | 0.612    | 0.322    | 0.612     | 0.289        | 0.000      |         |
| 8    | 1  | 0.476    | 0.236    | 0.476     | 0.240        | 0.000      |         |
| 8    | 2  | 0.423    | 0.236    | 0.423     | 0.187        | 0.000      |         |
| 8    | 3  | 0.414    | 0.259    | 0.414     | 0.155        | 0.000      |         |
| 9    | 1  | 0.337    | 0.005    | 0.337     | 0.333        | 0.000      |         |
| 9    | 2  | 0.291    | 0.005    | 0.291     | 0.286        | 0.000      |         |
| 9    | 3  | 0.260    | 0.005    | 0.260     | 0.255        | 0.000      |         |
| 10   | 1  | 0.440    | 0.005    | 0.440     | 0.435        | 0.000      |         |
| 10   | 2  | 0.448    | 0.005    | 0.448     | 0.443        | 0.000      |         |
| 10   | 3  | 0.359    | 0.005    | 0.359     | 0.353        | 0.000      |         |
| 11   | 1  | 0.308    | 0.201    | 0.308     | 0.106        | 0.000      |         |
| 11   | 2  | 0.290    | 0.201    | 0.290     | 0.088        | 0.000      |         |
| 11   | 3  | 0.228    | 0.201    | 0.228     | 0.081        | 0.054      |         |
| 12   | 1  | 0.200    | 0.242    | 0.200     | 0.081        | 0.123      |         |
| 12   | 2  | 0.242    | 0.242    | 0.242     | 0.081        | 0.081      |         |
| 12   | 3  | 0.282    | 0.267    | 0.282     | 0.089        | 0.074      |         |
| Tot  | al | 31.313   | 7.995    | 31.313    | 23.650       | 0.332      |         |

| 1998 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.429    | 0.174    | 0.624     | 0.260        | 0.005      |         |
| 1    | 2  | 0.888    | 0.174    | 1.083     | 0.714        | 0.000      |         |
| 1    | 3  | 1.609    | 0.191    | 1.823     | 1.418        | 0.000      |         |
| 2    | 1  | 2.560    | 0.192    | 2.775     | 2.368        | 0.000      |         |
| 2    | 2  | 2.610    | 0.192    | 2.825     | 2.418        | 0.000      |         |
| 2    | 3  | 2.382    | 0.154    | 2.554     | 2.228        | 0.000      |         |
| 3    | 1  | 3.861    | 0.174    | 4.056     | 3.687        | 0.000      |         |
| 3    | 2  | 3.784    | 0.174    | 3.979     | 3.610        | 0.000      |         |
| 3    | 3  | 3.747    | 0.191    | 3.961     | 3.555        | 0.000      |         |
| 4    | 1  | 2.791    | 0.219    | 3.034     | 2.572        | 0.000      |         |
| 4    | 2  | 2.632    | 0.219    | 2.875     | 2.413        | 0.000      |         |
| 4    | 3  | 2.600    | 0.219    | 2.843     | 2.381        | 0.000      |         |
| 5    | 1  | 1.843    | 0.212    | 2.078     | 1.631        | 0.000      |         |
| 5    | 2  | 1.858    | 0.212    | 2.093     | 1.645        | 0.000      |         |
| 5    | 3  | 1.591    | 0.234    | 1.850     | 1.358        | 0.000      |         |
| 6    | 1  | 1.164    | 0.219    | 1.407     | 0.945        | 0.000      |         |
| 6    | 2  | 1.075    | 0.219    | 1.318     | 0.856        | 0.000      |         |
| 6    | 3  | 1.223    | 0.219    | 1.466     | 1.004        | 0.000      |         |
| 7    | 1  | 1.037    | 0.212    | 1.272     | 0.824        | 0.000      |         |
| 7    | 2  | 1.120    | 0.212    | 1.355     | 0.907        | 0.000      |         |
| 7    | 3  | 1.049    | 0.234    | 1.308     | 0.815        | 0.000      |         |
| 8    | 1  | 0.852    | 0.174    | 1.041     | 0.677        | 0.000      |         |
| 8    | 2  | 0.741    | 0.174    | 0.930     | 0.566        | 0.000      |         |
| 8    | 3  | 0.712    | 0.192    | 0.920     | 0.520        | 0.000      |         |
| 9    | 1  | 0.821    | 0.005    | 0.825     | 0.816        | 0.000      |         |
| 9    | 2  | 0.787    | 0.005    | 0.792     | 0.782        | 0.000      |         |
| 9    | 3  | 0.739    | 0.005    | 0.744     | 0.734        | 0.000      |         |
| 10   | 1  | 1.023    | 0.005    | 1.028     | 1.018        | 0.000      |         |
| 10   | 2  | 1.019    | 0.005    | 1.024     | 1.014        | 0.000      |         |
| 10   | 3  | 0.882    | 0.006    | 0.887     | 0.876        | 0.000      |         |
| 11   | 1  | 0.579    | 0.147    | 0.741     | 0.432        | 0.000      |         |
| 11   | 2  | 0.494    | 0.147    | 0.655     | 0.346        | 0.000      |         |
| 11   | 3  | 0.431    | 0.147    | 0.549     | 0.283        | 0.000      |         |
| 12   | 1  | 0.391    | 0.174    | 0.487     | 0.260        | 0.043      |         |
| 12   | 2  | 0.366    | 0.174    | 0.495     | 0.260        | 0.069      |         |
| 12   | 3  | 0.371    | 0.191    | 0.526     | 0.286        | 0.107      |         |
| Tot  | al | 52.058   | 5.803    | 58.222    | 46.478       | 0.224      |         |

| 1998 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.453    | 0.328     | 0.453        | 0.125        | 0.000      |         |
| 1    | 2  |          | 0.687    | 0.328     | 0.687        | 0.359        | 0.000      |         |
| 1    | 3  |          | 0.936    | 0.361     | 0.936        | 0.575        | 0.000      |         |
| 2    | 1  |          | 1.482    | 0.363     | 1.482        | 1.119        | 0.000      |         |
| 2    | 2  |          | 1.427    | 0.363     | 1.427        | 1.064        | 0.000      |         |
| 2    | 3  |          | 1.289    | 0.290     | 1.289        | 0.999        | 0.000      |         |
| 3    | 1  |          | 2.173    | 0.328     | 2.173        | 1.845        | 0.000      |         |
| 3    | 2  |          | 2.189    | 0.328     | 2.189        | 1.862        | 0.000      |         |
| 3    | 3  |          | 2.109    | 0.361     | 2.109        | 1.749        | 0.000      |         |
| 4    | 1  |          | 1.816    | 0.470     | 1.816        | 1.346        | 0.000      |         |
| 4    | 2  |          | 1.880    | 0.470     | 1.880        | 1.409        | 0.000      |         |
| 4    | 3  |          | 2.016    | 0.470     | 2.016        | 1.546        | 0.000      |         |
| 5    | 1  |          | 1.741    | 0.455     | 1.741        | 1.286        | 0.000      |         |
| 5    | 2  |          | 1.536    | 0.455     | 1.536        | 1.081        | 0.000      |         |
| 5    | 3  |          | 1.425    | 0.501     | 1.425        | 0.924        | 0.000      |         |
| 6    | 1  |          | 1.036    | 0.470     | 1.036        | 0.566        | 0.000      |         |
| 6    | 2  |          | 0.927    | 0.470     | 0.927        | 0.457        | 0.000      |         |
| 6    | 3  |          | 0.904    | 0.470     | 0.904        | 0.434        | 0.000      |         |
| 7    | 1  |          | 0.786    | 0.455     | 0.786        | 0.331        | 0.000      |         |
| 7    | 2  |          | 0.736    | 0.455     | 0.736        | 0.281        | 0.000      |         |
| 7    | 3  |          | 0.714    | 0.501     | 0.714        | 0.213        | 0.000      |         |
| 8    | 1  |          | 0.554    | 0.451     | 0.554        | 0.103        | 0.000      |         |
| 8    | 2  |          | 0.490    | 0.451     | 0.490        | 0.054        | 0.016      |         |
| 8    | 3  |          | 0.478    | 0.496     | 0.478        | 0.059        | 0.078      |         |
| 9    | 1  |          | 0.388    | 0.002     | 0.388        | 0.386        | 0.000      |         |
| 9    | 2  |          | 0.340    | 0.002     | 0.340        | 0.338        | 0.000      |         |
| 9    | 3  |          | 0.301    | 0.002     | 0.301        | 0.299        | 0.000      |         |
| 10   | 1  |          | 0.445    | 0.002     | 0.445        | 0.443        | 0.000      |         |
| 10   | 2  |          | 0.491    | 0.002     | 0.491        | 0.489        | 0.000      |         |
| 10   | 3  |          | 0.436    | 0.002     | 0.436        | 0.434        | 0.000      |         |
| 11   | 1  |          | 0.353    | 0.335     | 0.353        | 0.054        | 0.037      |         |
| 11   | 2  |          | 0.336    | 0.335     | 0.336        | 0.054        | 0.053      |         |
| 11   | 3  |          | 0.281    | 0.335     | 0.281        | 0.054        | 0.109      |         |
| 12   | 1  |          | 0.243    | 0.328     | 0.243        | 0.054        | 0.139      |         |
| 12   | 2  |          | 0.255    | 0.328     | 0.255        | 0.054        | 0.127      |         |
| 12   | 3  |          | 0.295    | 0.361     | 0.295        | 0.059        | 0.125      |         |
| Tot  | al |          | 33.944   | 12.125    | 33.944       | 22.503       | 0.683      |         |
|      |    |          |          |           |              |              |            |         |
| 1998 |    | U.       | Lematang | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.551    | 0.475     | 0.551        | 0.240        | 0.164      |         |
| 1    | 2  |          | 0.682    | 0.475     | 0.682        | 0.240        | 0.033      |         |
| 1    | 3  |          | 0.858    | 0.522     | 0.858        | 0.336        | 0.000      |         |
| 2    | 1  |          | 0.989    | 0.523     | 0.989        | 0.467        | 0.000      |         |
| 2    | 2  |          | 0.948    | 0.523     | 0.948        | 0.426        | 0.000      |         |
| 2    | 3  |          | 1.005    | 0.418     | 1.005        | 0.586        | 0.000      |         |
| 3    | 1  |          | 1.928    | 0.475     | 1.928        | 1.453        | 0.000      |         |
| 3    | 2  |          | 2.804    | 0.475     | 2.804        | 2.329        | 0.000      |         |
| 3    | 3  |          | 3.296    | 0.522     | 3.296        | 2.774        | 0.000      |         |
| 4    | 1  |          | 4.325    | 0.521     | 4.325        | 3.804        | 0.000      |         |
| 4    | 2  |          | 3.490    | 0.521     | 3.490        | 2.970        | 0.000      |         |
| 4    | 3  |          | 2.168    | 0.521     | 2.168        | 1.647        | 0.000      |         |
| 5    | 1  |          | 2.164    | 0.505     | 2.164        | 1.659        | 0.000      |         |
| 5    | 2  |          | 2.096    | 0.505     | 2.096        | 1.591        | 0.000      |         |
| 5    | 3  |          | 1.594    | 0.555     | 1.594        | 1.039        | 0.000      |         |
| 6    | 1  |          | 1.427    | 0.521     | 1.427        | 0.906        | 0.000      |         |
| 6    | 2  |          | 1.137    | 0.521     | 1.137        | 0.616        | 0.000      |         |
| 6    | 3  |          | 1.150    | 0.521     | 1.150        | 0.629        | 0.000      |         |
| 7    | 1  |          | 0.867    | 0.505     | 0.867        | 0.362        | 0.000      |         |
| 7    | 2  |          | 0.705    | 0.505     | 0.705        | 0.240        | 0.040      |         |
| 7    | 3  |          | 0.985    | 0.555     | 0.985        | 0.430        | 0.000      |         |
| 8    | 1  |          | 0.797    | 0.505     | 0.797        | 0.292        | 0.000      |         |
| 8    | 2  |          | 0.806    | 0.505     | 0.806        | 0.301        | 0.000      |         |
| 8    | 3  |          | 0.576    | 0.555     | 0.576        | 0.264        | 0.244      |         |
| 9    | 1  |          | 0.789    | 0.028     | 0.789        | 0.761        | 0.000      |         |
| 9    | 2  |          | 0.550    | 0.028     | 0.550        | 0.522        | 0.000      |         |
| 9    | 3  |          | 0.766    | 0.028     | 0.766        | 0.738        | 0.000      |         |
| 10   | 1  |          | 0.662    | 0.028     | 0.662        | 0.634        | 0.000      |         |
| 10   | 2  |          | 0.759    | 0.028     | 0.759        | 0.731        | 0.000      |         |
| 10   | 3  |          | 0.875    | 0.031     | 0.875        | 0.844        | 0.000      |         |
| 11   | 1  |          | 0.743    | 0.490     | 0.743        | 0.254        | 0.000      |         |
| 11   | 2  |          | 0.456    | 0.490     | 0.456        | 0.240        | 0.274      |         |
| 11   | 3  |          | 0.585    | 0.490     | 0.585        | 0.240        | 0.145      |         |
| 12   | 1  |          | 0.680    | 0.475     | 0.680        | 0.240        | 0.035      |         |
| 12   | 2  |          | 0.465    | 0.475     | 0.465        | 0.240        | 0.250      |         |
| 12   | 3  |          | 0.435    | 0.522     | 0.435        | 0.264        | 0.351      |         |
| Tot  | al |          | 45.112   | 15.340    | 45.112       | 31.309       | 1.537      |         |

| 1998 | L. | Lematang<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.207                | 0.420       | 1.461        | 0.787      | 0.000   |
| 1    | 2  | 1.537                | 0.420       | 1.896        | 1.118      | 0.000   |
| 1    | 3  | 2.439                | 0.462       | 2.863        | 1.977      | 0.000   |
| 2    | 1  | 2.170                | 0.464       | 2.594        | 1.706      | 0.000   |
| 2    | 2  | 1.894                | 0.464       | 2.318        | 1.430      | 0.000   |
| 2    | 3  | 1.818                | 0.371       | 2.157        | 1.447      | 0.000   |
| 3    | 1  | 3.006                | 0.420       | 3.391        | 2.586      | 0.000   |
| 3    | 2  | 4.026                | 0.420       | 4.412        | 3.607      | 0.000   |
| 3    | 3  | 5.254                | 0.462       | 5.678        | 4.792      | 0.000   |
| 4    | 1  | 6.897                | 0.566       | 7.319        | 6.331      | 0.000   |
| 4    | 2  | 4.871                | 0.566       | 5.293        | 4.305      | 0.000   |
| 4    | 3  | 2.962                | 0.566       | 3.384        | 2.396      | 0.000   |
| 5    | 1  | 3.049                | 0.548       | 3.458        | 2.501      | 0.000   |
| 5    | 2  | 3.096                | 0.548       | 3.506        | 2.549      | 0.000   |
| 5    | 3  | 2.485                | 0.602       | 2.936        | 1.883      | 0.000   |
| 6    | 1  | 1.966                | 0.566       | 2.389        | 1.401      | 0.000   |
| 6    | 2  | 1.544                | 0.566       | 1.966        | 0.979      | 0.000   |
| 6    | 3  | 1.468                | 0.566       | 1.890        | 0.902      | 0.000   |
| 7    | 1  | 1.104                | 0.548       | 1.513        | 0.556      | 0.000   |
| 7    | 2  | 0.897                | 0.548       | 1.274        | 0.366      | 0.017   |
| 7    | 3  | 1.087                | 0.602       | 1.538        | 0.485      | 0.000   |
| 8    | 1  | 0.830                | 0.548       | 1.239        | 0.366      | 0.084   |
| 8    | 2  | 0.790                | 0.548       | 1.199        | 0.366      | 0.124   |
| 8    | 3  | 0.707                | 0.602       | 0.962        | 0.403      | 0.298   |
| 9    | 1  | 1.087                | 0.009       | 1.115        | 1.077      | 0.000   |
| 9    | 2  | 0.800                | 0.009       | 0.828        | 0.791      | 0.000   |
| 9    | 3  | 0.988                | 0.009       | 1.016        | 0.978      | 0.000   |
| 10   | 1  | 0.856                | 0.009       | 0.884        | 0.846      | 0.000   |
| 10   | 2  | 0.924                | 0.009       | 0.952        | 0.914      | 0.000   |
| 10   | 3  | 1.077                | 0.010       | 1.108        | 1.067      | 0.000   |
| 11   | 1  | 0.659                | 0.433       | 1.057        | 0.366      | 0.140   |
| 11   | 2  | 0.530                | 0.433       | 0.709        | 0.366      | 0.269   |
| 11   | 3  | 0.511                | 0.433       | 0.792        | 0.366      | 0.289   |
| 12   | 1  | 0.549                | 0.420       | 0.907        | 0.366      | 0.236   |
| 12   | 2  | 0.532                | 0.420       | 0.717        | 0.366      | 0.254   |
| 12   | 3  | 0.621                | 0.462       | 0.764        | 0.403      | 0.244   |
| Tot  | al | 66.237               | 15.047      | 77.485       | 53.145     | 1.954   |
|      |    |                      |             |              |            |         |
| 1998 |    | U. Ogan<br>Water R.  | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 0.476                | 0.354       | 0.476        | 0.121      | 0.000   |
| 1    | 2  | 0.772                | 0.354       | 0.772        | 0.418      | 0.000   |
| 1    | 3  | 1.431                | 0.390       | 1.431        | 1.041      | 0.000   |
| 2    | 1  | 1.953                | 0.388       | 1.953        | 1.564      | 0.000   |
| 2    | 2  | 2.196                | 0.388       | 2.196        | 1.808      | 0.000   |
| 2    | 3  | 1.902                | 0.311       | 1.902        | 1.592      | 0.000   |
| 3    | 1  | 2.372                | 0.354       | 2.372        | 2.018      | 0.000   |
| 3    | 2  | 2.283                | 0.354       | 2.283        | 1.929      | 0.000   |
| 3    | 3  | 2.561                | 0.390       | 2.561        | 2.172      | 0.000   |
| 4    | 1  | 2.298                | 0.379       | 2.298        | 1.918      | 0.000   |
| 4    | 2  | 2.029                | 0.379       | 2.029        | 1.650      | 0.000   |
| 4    | 3  | 1.478                | 0.379       | 1.478        | 1.098      | 0.000   |
| 5    | 1  | 2.039                | 0.368       | 2.039        | 1.671      | 0.000   |
| 5    | 2  | 1.899                | 0.368       | 1.899        | 1.530      | 0.000   |
| 5    | 3  | 1.389                | 0.405       | 1.389        | 0.984      | 0.000   |
| 6    | 1  | 1.350                | 0.379       | 1.350        | 0.970      | 0.000   |
| 6    | 2  | 0.929                | 0.379       | 0.929        | 0.550      | 0.000   |
| 6    | 3  | 0.770                | 0.379       | 0.770        | 0.391      | 0.000   |
| 7    | 1  | 0.669                | 0.368       | 0.669        | 0.300      | 0.000   |
| 7    | 2  | 0.561                | 0.368       | 0.561        | 0.193      | 0.000   |
| 7    | 3  | 0.592                | 0.405       | 0.592        | 0.187      | 0.000   |
| 8    | 1  | 0.492                | 0.105       | 0.492        | 0.386      | 0.000   |
| 8    | 2  | 0.682                | 0.105       | 0.682        | 0.577      | 0.000   |
| 8    | 3  | 0.669                | 0.116       | 0.669        | 0.553      | 0.000   |
| 9    | 1  | 0.714                | 0.037       | 0.714        | 0.677      | 0.000   |
| 9    | 2  | 0.503                | 0.037       | 0.503        | 0.466      | 0.000   |
| 9    | 3  | 0.467                | 0.037       | 0.467        | 0.430      | 0.000   |
| 10   | 1  | 0.385                | 0.037       | 0.385        | 0.348      | 0.000   |
| 10   | 2  | 0.443                | 0.037       | 0.443        | 0.406      | 0.000   |
| 10   | 3  | 0.493                | 0.041       | 0.493        | 0.452      | 0.000   |
| 11   | 1  | 0.551                | 0.141       | 0.551        | 0.411      | 0.000   |
| 11   | 2  | 0.532                | 0.141       | 0.532        | 0.392      | 0.000   |
| 11   | 3  | 0.391                | 0.141       | 0.391        | 0.250      | 0.000   |
| 12   | 1  | 0.400                | 0.354       | 0.400        | 0.116      | 0.070   |
| 12   | 2  | 0.428                | 0.354       | 0.428        | 0.116      | 0.042   |
| 12   | 3  | 0.575                | 0.390       | 0.575        | 0.185      | 0.000   |
| Tot  | al | 39.675               | 9.918       | 39.675       | 29.869     | 0.112   |

| 1998 |    | L. Ogan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.628    | 0.586    | 0.919     | 0.257        | 0.214      |         |
| 1    | 2  | 0.944    | 0.586    | 1.235     | 0.359        | 0.000      |         |
| 1    | 3  | 1.694    | 0.644    | 2.014     | 1.050        | 0.000      |         |
| 2    | 1  | 2.260    | 0.647    | 2.578     | 1.612        | 0.000      |         |
| 2    | 2  | 2.626    | 0.647    | 2.944     | 1.979        | 0.000      |         |
| 2    | 3  | 2.338    | 0.518    | 2.593     | 1.820        | 0.000      |         |
| 3    | 1  | 3.064    | 0.586    | 3.355     | 2.479        | 0.000      |         |
| 3    | 2  | 3.525    | 0.586    | 3.816     | 2.939        | 0.000      |         |
| 3    | 3  | 4.775    | 0.644    | 5.095     | 4.131        | 0.000      |         |
| 4    | 1  | 4.338    | 0.163    | 4.649     | 4.175        | 0.000      |         |
| 4    | 2  | 3.209    | 0.163    | 3.520     | 3.047        | 0.000      |         |
| 4    | 3  | 2.219    | 0.163    | 2.530     | 2.057        | 0.000      |         |
| 5    | 1  | 2.863    | 0.158    | 3.165     | 2.705        | 0.000      |         |
| 5    | 2  | 3.170    | 0.158    | 3.472     | 3.012        | 0.000      |         |
| 5    | 3  | 2.575    | 0.174    | 2.907     | 2.401        | 0.000      |         |
| 6    | 1  | 2.019    | 0.163    | 2.330     | 1.857        | 0.000      |         |
| 6    | 2  | 1.440    | 0.163    | 1.751     | 1.278        | 0.000      |         |
| 6    | 3  | 1.221    | 0.163    | 1.531     | 1.058        | 0.000      |         |
| 7    | 1  | 1.018    | 0.158    | 1.320     | 0.861        | 0.000      |         |
| 7    | 2  | 0.823    | 0.158    | 1.125     | 0.666        | 0.000      |         |
| 7    | 3  | 0.829    | 0.174    | 1.161     | 0.655        | 0.000      |         |
| 8    | 1  | 0.850    | 0.122    | 0.942     | 0.729        | 0.000      |         |
| 8    | 2  | 0.995    | 0.122    | 1.086     | 0.873        | 0.000      |         |
| 8    | 3  | 0.990    | 0.134    | 1.090     | 0.856        | 0.000      |         |
| 9    | 1  | 1.095    | 0.009    | 1.132     | 1.086        | 0.000      |         |
| 9    | 2  | 0.796    | 0.009    | 0.833     | 0.786        | 0.000      |         |
| 9    | 3  | 0.762    | 0.009    | 0.800     | 0.753        | 0.000      |         |
| 10   | 1  | 0.680    | 0.009    | 0.717     | 0.670        | 0.000      |         |
| 10   | 2  | 0.719    | 0.009    | 0.756     | 0.710        | 0.000      |         |
| 10   | 3  | 0.893    | 0.010    | 0.934     | 0.883        | 0.000      |         |
| 11   | 1  | 1.171    | 0.574    | 1.291     | 0.597        | 0.000      |         |
| 11   | 2  | 1.285    | 0.574    | 1.405     | 0.711        | 0.000      |         |
| 11   | 3  | 1.059    | 0.574    | 1.179     | 0.485        | 0.000      |         |
| 12   | 1  | 1.036    | 0.586    | 1.270     | 0.450        | 0.000      |         |
| 12   | 2  | 1.079    | 0.586    | 1.337     | 0.494        | 0.000      |         |
| 12   | 3  | 1.850    | 0.644    | 2.170     | 1.205        | 0.000      |         |
| Tot  | al | 62.840   | 11.371   | 70.955    | 51.683       | 0.214      |         |
|      |    |          |          |           |              |            |         |
| 1998 | U. | Komering | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 1.285    | 0.884    | 1.285     | 0.402        | 0.000      |         |
| 1    | 2  | 2.673    | 0.884    | 2.673     | 1.789        | 0.000      |         |
| 1    | 3  | 4.756    | 0.972    | 4.756     | 3.784        | 0.000      |         |
| 2    | 1  | 7.000    | 0.973    | 7.000     | 6.027        | 0.000      |         |
| 2    | 2  | 4.971    | 0.973    | 4.971     | 3.998        | 0.000      |         |
| 2    | 3  | 2.515    | 0.778    | 2.515     | 1.737        | 0.000      |         |
| 3    | 1  | 2.787    | 0.884    | 2.787     | 1.903        | 0.000      |         |
| 3    | 2  | 3.262    | 0.884    | 3.262     | 2.378        | 0.000      |         |
| 3    | 3  | 3.164    | 0.972    | 3.164     | 2.192        | 0.000      |         |
| 4    | 1  | 2.954    | 1.094    | 2.954     | 1.860        | 0.000      |         |
| 4    | 2  | 5.014    | 1.094    | 5.014     | 3.920        | 0.000      |         |
| 4    | 3  | 3.118    | 1.094    | 3.118     | 2.024        | 0.000      |         |
| 5    | 1  | 4.681    | 1.060    | 4.681     | 3.621        | 0.000      |         |
| 5    | 2  | 3.354    | 1.060    | 3.354     | 2.294        | 0.000      |         |
| 5    | 3  | 2.657    | 1.166    | 2.657     | 1.491        | 0.000      |         |
| 6    | 1  | 2.613    | 1.094    | 2.613     | 1.519        | 0.000      |         |
| 6    | 2  | 2.036    | 1.094    | 2.036     | 0.942        | 0.000      |         |
| 6    | 3  | 2.063    | 1.094    | 2.063     | 0.969        | 0.000      |         |
| 7    | 1  | 1.666    | 1.060    | 1.666     | 0.605        | 0.000      |         |
| 7    | 2  | 1.565    | 1.060    | 1.565     | 0.505        | 0.000      |         |
| 7    | 3  | 1.576    | 1.166    | 1.576     | 0.410        | 0.000      |         |
| 8    | 1  | 1.191    | 0.053    | 1.191     | 1.139        | 0.000      |         |
| 8    | 2  | 1.119    | 0.053    | 1.119     | 1.066        | 0.000      |         |
| 8    | 3  | 1.193    | 0.058    | 1.193     | 1.135        | 0.000      |         |
| 9    | 1  | 1.065    | 0.053    | 1.065     | 1.012        | 0.000      |         |
| 9    | 2  | 0.894    | 0.053    | 0.894     | 0.841        | 0.000      |         |
| 9    | 3  | 0.785    | 0.053    | 0.785     | 0.732        | 0.000      |         |
| 10   | 1  | 0.788    | 0.053    | 0.788     | 0.735        | 0.000      |         |
| 10   | 2  | 0.902    | 0.053    | 0.902     | 0.850        | 0.000      |         |
| 10   | 3  | 0.878    | 0.058    | 0.878     | 0.821        | 0.000      |         |
| 11   | 1  | 0.795    | 0.053    | 0.795     | 0.743        | 0.000      |         |
| 11   | 2  | 0.693    | 0.053    | 0.693     | 0.640        | 0.000      |         |
| 11   | 3  | 0.549    | 0.053    | 0.549     | 0.497        | 0.000      |         |
| 12   | 1  | 0.484    | 0.884    | 0.484     | 0.350        | 0.750      |         |
| 12   | 2  | 0.432    | 0.884    | 0.432     | 0.350        | 0.802      |         |
| 12   | 3  | 0.529    | 0.972    | 0.529     | 0.385        | 0.828      |         |
| Tot  | al | 78.006   | 24.720   | 78.006    | 55.666       | 2.380      |         |



| 1998 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.916                | 0.964       | 1.699        | 0.546      | 0.595   |
| 1    | 2  | 2.512                | 0.964       | 3.296        | 1.547      | 0.000   |
| 1    | 3  | 4.724                | 1.061       | 5.586        | 3.663      | 0.000   |
| 2    | 1  | 7.121                | 1.063       | 7.984        | 6.058      | 0.000   |
| 2    | 2  | 6.180                | 1.063       | 7.042        | 5.116      | 0.000   |
| 2    | 3  | 4.310                | 0.851       | 4.999        | 3.459      | 0.000   |
| 3    | 1  | 5.166                | 0.964       | 5.950        | 4.202      | 0.000   |
| 3    | 2  | 5.732                | 0.964       | 6.516        | 4.768      | 0.000   |
| 3    | 3  | 6.193                | 1.061       | 7.055        | 5.132      | 0.000   |
| 4    | 1  | 4.839                | 1.295       | 5.808        | 3.544      | 0.000   |
| 4    | 2  | 6.768                | 1.295       | 7.737        | 5.473      | 0.000   |
| 4    | 3  | 4.520                | 1.295       | 5.488        | 3.224      | 0.000   |
| 5    | 1  | 6.247                | 1.255       | 7.187        | 4.993      | 0.000   |
| 5    | 2  | 5.699                | 1.255       | 6.638        | 4.444      | 0.000   |
| 5    | 3  | 4.357                | 1.380       | 5.390        | 2.977      | 0.000   |
| 6    | 1  | 3.653                | 1.295       | 4.622        | 2.358      | 0.000   |
| 6    | 2  | 2.822                | 1.295       | 3.791        | 1.527      | 0.000   |
| 6    | 3  | 2.614                | 1.295       | 3.583        | 1.319      | 0.000   |
| 7    | 1  | 1.994                | 1.255       | 2.933        | 0.739      | 0.000   |
| 7    | 2  | 1.689                | 1.255       | 2.628        | 0.546      | 0.112   |
| 7    | 3  | 1.565                | 1.380       | 2.599        | 0.601      | 0.416   |
| 8    | 1  | 2.071                | 1.003       | 2.124        | 1.068      | 0.000   |
| 8    | 2  | 2.298                | 1.003       | 2.351        | 1.295      | 0.000   |
| 8    | 3  | 2.537                | 1.104       | 2.595        | 1.434      | 0.000   |
| 9    | 1  | 2.802                | 0.041       | 2.855        | 2.761      | 0.000   |
| 9    | 2  | 2.294                | 0.041       | 2.347        | 2.253      | 0.000   |
| 9    | 3  | 1.791                | 0.041       | 1.844        | 1.750      | 0.000   |
| 10   | 1  | 1.639                | 0.041       | 1.692        | 1.598      | 0.000   |
| 10   | 2  | 1.776                | 0.041       | 1.829        | 1.735      | 0.000   |
| 10   | 3  | 1.888                | 0.045       | 1.946        | 1.843      | 0.000   |
| 11   | 1  | 2.041                | 0.781       | 2.094        | 1.260      | 0.000   |
| 11   | 2  | 2.376                | 0.781       | 2.428        | 1.595      | 0.000   |
| 11   | 3  | 1.874                | 0.781       | 1.927        | 1.094      | 0.000   |
| 12   | 1  | 1.643                | 0.964       | 1.767        | 0.679      | 0.000   |
| 12   | 2  | 1.896                | 0.964       | 1.974        | 0.932      | 0.000   |
| 12   | 3  | 2.502                | 1.061       | 2.635        | 1.441      | 0.000   |
| Tot  | al | 121.051              | 33.201      | 140.940      | 88.972     | 1.123   |

  

| 1998 | L. | Musi<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|------------------|-------------|--------------|------------|---------|
| 1    | 1  | 4.262            | 0.914       | 8.472        | 3.519      | 0.171   |
| 1    | 2  | 11.266           | 0.914       | 16.591       | 10.352     | 0.000   |
| 1    | 3  | 21.314           | 1.005       | 27.185       | 20.309     | 0.000   |
| 2    | 1  | 26.645           | 0.980       | 32.628       | 25.665     | 0.000   |
| 2    | 2  | 20.956           | 0.980       | 26.658       | 19.976     | 0.000   |
| 2    | 3  | 17.688           | 0.784       | 22.290       | 16.904     | 0.000   |
| 3    | 1  | 24.426           | 0.914       | 29.770       | 23.513     | 0.000   |
| 3    | 2  | 27.950           | 0.914       | 33.245       | 27.037     | 0.000   |
| 3    | 3  | 32.187           | 1.005       | 38.019       | 31.182     | 0.000   |
| 4    | 1  | 27.450           | 1.168       | 33.248       | 26.283     | 0.000   |
| 4    | 2  | 27.610           | 1.168       | 33.643       | 26.442     | 0.000   |
| 4    | 3  | 19.209           | 1.168       | 25.119       | 18.042     | 0.000   |
| 5    | 1  | 21.580           | 1.139       | 27.335       | 20.441     | 0.000   |
| 5    | 2  | 20.077           | 1.139       | 25.798       | 18.937     | 0.000   |
| 5    | 3  | 16.146           | 1.253       | 22.332       | 14.892     | 0.000   |
| 6    | 1  | 11.656           | 1.168       | 17.420       | 10.488     | 0.000   |
| 6    | 2  | 8.843            | 1.168       | 14.576       | 7.676      | 0.000   |
| 6    | 3  | 8.696            | 1.168       | 14.435       | 7.529      | 0.000   |
| 7    | 1  | 6.388            | 1.139       | 11.881       | 5.249      | 0.000   |
| 7    | 2  | 5.789            | 1.139       | 11.064       | 4.649      | 0.000   |
| 7    | 3  | 5.817            | 1.253       | 11.370       | 4.564      | 0.000   |
| 8    | 1  | 5.549            | 1.128       | 9.190        | 4.600      | 0.179   |
| 8    | 2  | 5.716            | 1.128       | 9.388        | 4.959      | 0.371   |
| 8    | 3  | 6.278            | 1.241       | 9.964        | 5.360      | 0.323   |
| 9    | 1  | 9.628            | 0.298       | 10.057       | 9.329      | 0.000   |
| 9    | 2  | 7.845            | 0.298       | 8.227        | 7.547      | 0.000   |
| 9    | 3  | 7.237            | 0.298       | 7.621        | 6.939      | 0.000   |
| 10   | 1  | 7.677            | 0.298       | 8.085        | 7.379      | 0.000   |
| 10   | 2  | 8.172            | 0.298       | 8.576        | 7.874      | 0.000   |
| 10   | 3  | 8.524            | 0.328       | 8.959        | 8.196      | 0.000   |
| 11   | 1  | 6.113            | 0.925       | 9.554        | 5.189      | 0.000   |
| 11   | 2  | 6.232            | 0.925       | 9.167        | 5.307      | 0.000   |
| 11   | 3  | 5.037            | 0.925       | 7.870        | 4.427      | 0.315   |
| 12   | 1  | 4.631            | 0.914       | 7.893        | 4.031      | 0.313   |
| 12   | 2  | 4.532            | 0.914       | 7.481        | 4.301      | 0.683   |
| 12   | 3  | 6.735            | 1.005       | 10.537       | 5.977      | 0.247   |
| Tot  | al | 465.860          | 33.401      | 615.649      | 435.060    | 2.601   |

| 1998 | Mu | si Mouth | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  |          | 4.392    | 0.491       | 9.345        | 3.998      | 0.000   |
| 1    | 2  |          | 11.272   | 0.491       | 17.510       | 10.878     | 0.000   |
| 1    | 3  |          | 21.324   | 0.540       | 28.201       | 20.891     | 0.000   |
| 2    | 1  |          | 26.644   | 0.543       | 33.606       | 26.208     | 0.000   |
| 2    | 2  |          | 20.854   | 0.543       | 27.536       | 20.418     | 0.000   |
| 2    | 3  |          | 17.662   | 0.434       | 23.047       | 17.313     | 0.000   |
| 3    | 1  |          | 24.529   | 0.491       | 30.786       | 24.135     | 0.000   |
| 3    | 2  |          | 28.341   | 0.491       | 34.549       | 27.947     | 0.000   |
| 3    | 3  |          | 33.093   | 0.540       | 39.930       | 32.659     | 0.000   |
| 4    | 1  |          | 29.057   | 0.705       | 36.022       | 28.491     | 0.000   |
| 4    | 2  |          | 29.052   | 0.705       | 36.252       | 28.486     | 0.000   |
| 4    | 3  |          | 19.960   | 0.705       | 27.037       | 19.394     | 0.000   |
| 5    | 1  |          | 22.112   | 0.683       | 29.007       | 21.565     | 0.000   |
| 5    | 2  |          | 21.469   | 0.683       | 28.329       | 20.922     | 0.000   |
| 5    | 3  |          | 17.354   | 0.751       | 24.794       | 16.752     | 0.000   |
| 6    | 1  |          | 11.945   | 0.705       | 18.877       | 11.380     | 0.000   |
| 6    | 2  |          | 8.923    | 0.705       | 15.823       | 8.358      | 0.000   |
| 6    | 3  |          | 8.680    | 0.705       | 15.586       | 8.114      | 0.000   |
| 7    | 1  |          | 6.261    | 0.683       | 12.894       | 5.714      | 0.000   |
| 7    | 2  |          | 5.580    | 0.683       | 11.995       | 5.032      | 0.000   |
| 7    | 3  |          | 5.492    | 0.751       | 12.299       | 4.890      | 0.000   |
| 8    | 1  |          | 5.325    | 0.671       | 9.916        | 4.786      | 0.000   |
| 8    | 2  |          | 5.660    | 0.671       | 10.090       | 5.122      | 0.000   |
| 8    | 3  |          | 6.315    | 0.738       | 10.919       | 5.723      | 0.000   |
| 9    | 1  |          | 10.185   | 0.007       | 10.913       | 10.178     | 0.000   |
| 9    | 2  |          | 8.241    | 0.007       | 8.921        | 8.234      | 0.000   |
| 9    | 3  |          | 7.658    | 0.007       | 8.340        | 7.651      | 0.000   |
| 10   | 1  |          | 8.174    | 0.007       | 8.880        | 8.167      | 0.000   |
| 10   | 2  |          | 8.748    | 0.007       | 9.450        | 8.741      | 0.000   |
| 10   | 3  |          | 9.292    | 0.007       | 10.056       | 9.285      | 0.000   |
| 11   | 1  |          | 6.849    | 0.497       | 11.214       | 6.449      | 0.000   |
| 11   | 2  |          | 7.242    | 0.497       | 11.102       | 6.843      | 0.000   |
| 11   | 3  |          | 6.815    | 0.497       | 10.258       | 6.416      | 0.000   |
| 12   | 1  |          | 8.461    | 0.491       | 12.323       | 8.067      | 0.000   |
| 12   | 2  |          | 8.228    | 0.491       | 11.407       | 7.834      | 0.000   |
| 12   | 3  |          | 10.641   | 0.540       | 15.202       | 10.208     | 0.000   |
| Tot  | al |          | 491.826  | 18.159      | 672.414      | 477.249    | 0.000   |
| 1999 |    | U. Musi  | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 2.844    | 0.922       | 2.777        | 1.986      | 0.000   |
| 1    | 2  |          | 5.778    | 1.218       | 5.710        | 4.623      | 0.000   |
| 1    | 3  |          | 3.462    | 1.073       | 3.387        | 2.458      | 0.000   |
| 2    | 1  |          | 2.801    | 1.009       | 2.726        | 1.862      | 0.000   |
| 2    | 2  |          | 3.861    | 1.089       | 3.786        | 2.843      | 0.000   |
| 2    | 3  |          | 5.656    | 1.077       | 5.596        | 4.635      | 0.000   |
| 3    | 1  |          | 4.266    | 1.036       | 4.199        | 3.294      | 0.000   |
| 3    | 2  |          | 5.510    | 1.200       | 5.443        | 4.374      | 0.000   |
| 3    | 3  |          | 2.718    | 1.071       | 2.643        | 1.716      | 0.000   |
| 4    | 1  |          | 1.699    | 1.018       | 1.614        | 0.760      | 0.000   |
| 4    | 2  |          | 1.540    | 1.007       | 1.457        | 0.625      | 0.012   |
| 4    | 3  |          | 1.573    | 1.004       | 1.492        | 0.668      | 0.020   |
| 5    | 1  |          | 1.914    | 1.007       | 1.832        | 0.984      | 0.000   |
| 5    | 2  |          | 2.800    | 1.010       | 2.718        | 1.867      | 0.000   |
| 5    | 3  |          | 2.349    | 1.122       | 2.258        | 1.311      | 0.000   |
| 6    | 1  |          | 2.128    | 1.027       | 2.043        | 1.181      | 0.000   |
| 6    | 2  |          | 2.207    | 1.043       | 2.122        | 1.243      | 0.000   |
| 6    | 3  |          | 2.558    | 1.043       | 2.473        | 1.594      | 0.000   |
| 7    | 1  |          | 1.544    | 0.963       | 1.472        | 0.710      | 0.053   |
| 7    | 2  |          | 1.807    | 0.978       | 1.726        | 0.911      | 0.005   |
| 7    | 3  |          | 1.560    | 1.049       | 1.488        | 0.685      | 0.089   |
| 8    | 1  |          | 1.272    | 0.861       | 1.214        | 0.593      | 0.121   |
| 8    | 2  |          | 1.310    | 0.859       | 1.253        | 0.602      | 0.082   |
| 8    | 3  |          | 1.362    | 0.937       | 1.304        | 0.653      | 0.161   |
| 9    | 1  |          | 1.072    | 0.137       | 1.072        | 0.935      | 0.000   |
| 9    | 2  |          | 1.045    | 0.127       | 1.045        | 0.918      | 0.000   |
| 9    | 3  |          | 1.025    | 0.125       | 1.025        | 0.900      | 0.000   |
| 10   | 1  |          | 1.067    | 0.121       | 1.067        | 0.946      | 0.000   |
| 10   | 2  |          | 1.445    | 0.170       | 1.445        | 1.275      | 0.000   |
| 10   | 3  |          | 2.404    | 0.228       | 2.404        | 2.176      | 0.000   |
| 11   | 1  |          | 1.387    | 0.767       | 1.331        | 0.685      | 0.000   |
| 11   | 2  |          | 2.299    | 0.816       | 2.243        | 1.549      | 0.000   |
| 11   | 3  |          | 2.639    | 0.857       | 2.583        | 1.848      | 0.000   |
| 12   | 1  |          | 2.048    | 0.885       | 1.980        | 1.226      | 0.000   |
| 12   | 2  |          | 1.944    | 0.844       | 1.876        | 1.163      | 0.000   |
| 12   | 3  |          | 4.640    | 1.060       | 4.566        | 3.650      | 0.000   |
| Tot  | al |          | 87.531   | 30.763      | 85.368       | 59.447     | 0.542   |

| 1999 |    | Kelingi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.358   | 0.295    | 0.358     | 0.063        | 0.000      |         |
| 1    | 2  | 0.823   | 0.295    | 0.823     | 0.528        | 0.000      |         |
| 1    | 3  | 1.063   | 0.325    | 1.063     | 0.739        | 0.000      |         |
| 2    | 1  | 0.625   | 0.325    | 0.625     | 0.300        | 0.000      |         |
| 2    | 2  | 0.534   | 0.325    | 0.534     | 0.209        | 0.000      |         |
| 2    | 3  | 0.653   | 0.260    | 0.653     | 0.393        | 0.000      |         |
| 3    | 1  | 0.917   | 0.295    | 0.917     | 0.621        | 0.000      |         |
| 3    | 2  | 0.721   | 0.295    | 0.721     | 0.426        | 0.000      |         |
| 3    | 3  | 1.076   | 0.325    | 1.076     | 0.751        | 0.000      |         |
| 4    | 1  | 0.642   | 0.365    | 0.642     | 0.277        | 0.000      |         |
| 4    | 2  | 0.440   | 0.365    | 0.440     | 0.074        | 0.000      |         |
| 4    | 3  | 0.365   | 0.365    | 0.365     | 0.028        | 0.028      |         |
| 5    | 1  | 0.354   | 0.354    | 0.354     | 0.028        | 0.028      |         |
| 5    | 2  | 0.301   | 0.354    | 0.301     | 0.028        | 0.081      |         |
| 5    | 3  | 0.391   | 0.390    | 0.391     | 0.031        | 0.029      |         |
| 6    | 1  | 0.377   | 0.365    | 0.377     | 0.028        | 0.016      |         |
| 6    | 2  | 0.396   | 0.365    | 0.396     | 0.031        | 0.000      |         |
| 6    | 3  | 0.353   | 0.365    | 0.353     | 0.028        | 0.041      |         |
| 7    | 1  | 0.310   | 0.354    | 0.310     | 0.028        | 0.072      |         |
| 7    | 2  | 0.279   | 0.354    | 0.279     | 0.028        | 0.103      |         |
| 7    | 3  | 0.300   | 0.390    | 0.300     | 0.031        | 0.121      |         |
| 8    | 1  | 0.218   | 0.192    | 0.218     | 0.028        | 0.002      |         |
| 8    | 2  | 0.188   | 0.192    | 0.188     | 0.028        | 0.032      |         |
| 8    | 3  | 0.182   | 0.211    | 0.182     | 0.031        | 0.060      |         |
| 9    | 1  | 0.154   | 0.019    | 0.154     | 0.136        | 0.000      |         |
| 9    | 2  | 0.135   | 0.019    | 0.135     | 0.117        | 0.000      |         |
| 9    | 3  | 0.119   | 0.019    | 0.119     | 0.100        | 0.000      |         |
| 10   | 1  | 0.107   | 0.019    | 0.107     | 0.088        | 0.000      |         |
| 10   | 2  | 0.205   | 0.019    | 0.205     | 0.186        | 0.000      |         |
| 10   | 3  | 0.404   | 0.021    | 0.404     | 0.384        | 0.000      |         |
| 11   | 1  | 0.430   | 0.166    | 0.430     | 0.264        | 0.000      |         |
| 11   | 2  | 0.379   | 0.166    | 0.379     | 0.212        | 0.000      |         |
| 11   | 3  | 0.435   | 0.166    | 0.435     | 0.269        | 0.000      |         |
| 12   | 1  | 0.376   | 0.295    | 0.376     | 0.081        | 0.000      |         |
| 12   | 2  | 0.353   | 0.295    | 0.353     | 0.058        | 0.000      |         |
| 12   | 3  | 0.344   | 0.325    | 0.344     | 0.031        | 0.011      |         |
| Tot  | al | 15.307  | 9.252    | 15.307    | 6.679        | 0.624      |         |

| 1999 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.323    | 0.211    | 0.323     | 0.111        | 0.000      |         |
| 1    | 2  | 0.562    | 0.211    | 0.562     | 0.351        | 0.000      |         |
| 1    | 3  | 0.688    | 0.233    | 0.688     | 0.456        | 0.000      |         |
| 2    | 1  | 0.480    | 0.234    | 0.480     | 0.246        | 0.000      |         |
| 2    | 2  | 0.428    | 0.234    | 0.428     | 0.195        | 0.000      |         |
| 2    | 3  | 0.381    | 0.187    | 0.381     | 0.194        | 0.000      |         |
| 3    | 1  | 0.469    | 0.211    | 0.469     | 0.257        | 0.000      |         |
| 3    | 2  | 0.436    | 0.211    | 0.436     | 0.225        | 0.000      |         |
| 3    | 3  | 0.570    | 0.233    | 0.570     | 0.337        | 0.000      |         |
| 4    | 1  | 0.471    | 0.265    | 0.471     | 0.206        | 0.000      |         |
| 4    | 2  | 0.417    | 0.265    | 0.417     | 0.152        | 0.000      |         |
| 4    | 3  | 0.367    | 0.265    | 0.367     | 0.102        | 0.000      |         |
| 5    | 1  | 0.333    | 0.257    | 0.333     | 0.076        | 0.000      |         |
| 5    | 2  | 0.286    | 0.257    | 0.286     | 0.039        | 0.010      |         |
| 5    | 3  | 0.357    | 0.282    | 0.357     | 0.075        | 0.000      |         |
| 6    | 1  | 0.337    | 0.265    | 0.337     | 0.072        | 0.000      |         |
| 6    | 2  | 0.329    | 0.265    | 0.329     | 0.064        | 0.000      |         |
| 6    | 3  | 0.302    | 0.265    | 0.302     | 0.039        | 0.002      |         |
| 7    | 1  | 0.268    | 0.257    | 0.268     | 0.039        | 0.028      |         |
| 7    | 2  | 0.246    | 0.257    | 0.246     | 0.039        | 0.050      |         |
| 7    | 3  | 0.260    | 0.282    | 0.260     | 0.043        | 0.065      |         |
| 8    | 1  | 0.195    | 0.229    | 0.195     | 0.039        | 0.073      |         |
| 8    | 2  | 0.170    | 0.229    | 0.170     | 0.039        | 0.098      |         |
| 8    | 3  | 0.164    | 0.252    | 0.164     | 0.043        | 0.131      |         |
| 9    | 1  | 0.139    | 0.006    | 0.139     | 0.133        | 0.000      |         |
| 9    | 2  | 0.122    | 0.006    | 0.122     | 0.116        | 0.000      |         |
| 9    | 3  | 0.106    | 0.006    | 0.106     | 0.101        | 0.000      |         |
| 10   | 1  | 0.096    | 0.006    | 0.096     | 0.090        | 0.000      |         |
| 10   | 2  | 0.188    | 0.006    | 0.188     | 0.182        | 0.000      |         |
| 10   | 3  | 0.357    | 0.006    | 0.357     | 0.351        | 0.000      |         |
| 11   | 1  | 0.382    | 0.195    | 0.382     | 0.187        | 0.000      |         |
| 11   | 2  | 0.365    | 0.195    | 0.365     | 0.170        | 0.000      |         |
| 11   | 3  | 0.413    | 0.195    | 0.413     | 0.219        | 0.000      |         |
| 12   | 1  | 0.374    | 0.211    | 0.374     | 0.163        | 0.000      |         |
| 12   | 2  | 0.350    | 0.211    | 0.350     | 0.138        | 0.000      |         |
| 12   | 3  | 0.341    | 0.233    | 0.341     | 0.108        | 0.000      |         |
| Tot  | al | 12.072   | 7.132    | 12.072    | 5.397        | 0.457      |         |

| 1999 | U. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.421               | 0.315       | 0.421        | 0.106      | 0.000   |
| 1    | 2  | 0.897               | 0.315       | 0.897        | 0.582      | 0.000   |
| 1    | 3  | 0.848               | 0.347       | 0.848        | 0.501      | 0.000   |
| 2    | 1  | 0.578               | 0.348       | 0.578        | 0.230      | 0.000   |
| 2    | 2  | 0.636               | 0.348       | 0.636        | 0.288      | 0.000   |
| 2    | 3  | 0.751               | 0.278       | 0.751        | 0.473      | 0.000   |
| 3    | 1  | 0.780               | 0.315       | 0.780        | 0.465      | 0.000   |
| 3    | 2  | 0.715               | 0.315       | 0.715        | 0.400      | 0.000   |
| 3    | 3  | 1.200               | 0.347       | 1.200        | 0.854      | 0.000   |
| 4    | 1  | 0.546               | 0.393       | 0.546        | 0.153      | 0.000   |
| 4    | 2  | 0.442               | 0.393       | 0.442        | 0.049      | 0.000   |
| 4    | 3  | 0.381               | 0.393       | 0.381        | 0.046      | 0.057   |
| 5    | 1  | 0.369               | 0.380       | 0.369        | 0.046      | 0.058   |
| 5    | 2  | 0.287               | 0.380       | 0.287        | 0.046      | 0.139   |
| 5    | 3  | 0.461               | 0.418       | 0.461        | 0.051      | 0.008   |
| 6    | 1  | 0.392               | 0.393       | 0.392        | 0.046      | 0.047   |
| 6    | 2  | 0.400               | 0.393       | 0.400        | 0.046      | 0.039   |
| 6    | 3  | 0.366               | 0.393       | 0.366        | 0.046      | 0.072   |
| 7    | 1  | 0.304               | 0.380       | 0.304        | 0.046      | 0.122   |
| 7    | 2  | 0.302               | 0.380       | 0.302        | 0.046      | 0.125   |
| 7    | 3  | 0.311               | 0.418       | 0.311        | 0.051      | 0.158   |
| 8    | 1  | 0.218               | 0.157       | 0.218        | 0.061      | 0.000   |
| 8    | 2  | 0.192               | 0.157       | 0.192        | 0.046      | 0.011   |
| 8    | 3  | 0.187               | 0.173       | 0.187        | 0.051      | 0.037   |
| 9    | 1  | 0.175               | 0.008       | 0.175        | 0.166      | 0.000   |
| 9    | 2  | 0.140               | 0.008       | 0.140        | 0.132      | 0.000   |
| 9    | 3  | 0.123               | 0.008       | 0.123        | 0.115      | 0.000   |
| 10   | 1  | 0.117               | 0.008       | 0.117        | 0.108      | 0.000   |
| 10   | 2  | 0.271               | 0.008       | 0.271        | 0.263      | 0.000   |
| 10   | 3  | 0.564               | 0.009       | 0.564        | 0.555      | 0.000   |
| 11   | 1  | 0.503               | 0.135       | 0.503        | 0.367      | 0.000   |
| 11   | 2  | 0.464               | 0.135       | 0.464        | 0.329      | 0.000   |
| 11   | 3  | 0.555               | 0.135       | 0.555        | 0.420      | 0.000   |
| 12   | 1  | 0.474               | 0.315       | 0.474        | 0.159      | 0.000   |
| 12   | 2  | 0.440               | 0.315       | 0.440        | 0.125      | 0.000   |
| 12   | 3  | 0.424               | 0.347       | 0.424        | 0.078      | 0.000   |
| Tot  | al | 16.235              | 9.563       | 16.235       | 7.545      | 0.873   |

  

| 1999 | L. | Lakitan<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------------------|-------------|--------------|------------|---------|
| 1    | 1  | 0.249               | 0.038       | 0.503        | 0.211      | 0.000   |
| 1    | 2  | 0.787               | 0.038       | 1.041        | 0.750      | 0.000   |
| 1    | 3  | 0.748               | 0.041       | 1.027        | 0.707      | 0.000   |
| 2    | 1  | 0.420               | 0.041       | 0.700        | 0.379      | 0.000   |
| 2    | 2  | 0.465               | 0.041       | 0.745        | 0.424      | 0.000   |
| 2    | 3  | 0.627               | 0.033       | 0.851        | 0.594      | 0.000   |
| 3    | 1  | 0.655               | 0.038       | 0.909        | 0.618      | 0.000   |
| 3    | 2  | 0.577               | 0.038       | 0.831        | 0.539      | 0.000   |
| 3    | 3  | 1.081               | 0.041       | 1.360        | 1.039      | 0.000   |
| 4    | 1  | 0.353               | 0.046       | 0.669        | 0.308      | 0.000   |
| 4    | 2  | 0.230               | 0.046       | 0.545        | 0.184      | 0.000   |
| 4    | 3  | 0.201               | 0.046       | 0.471        | 0.156      | 0.000   |
| 5    | 1  | 0.191               | 0.044       | 0.451        | 0.147      | 0.000   |
| 5    | 2  | 0.163               | 0.044       | 0.357        | 0.118      | 0.000   |
| 5    | 3  | 0.220               | 0.049       | 0.551        | 0.172      | 0.000   |
| 6    | 1  | 0.198               | 0.046       | 0.476        | 0.153      | 0.000   |
| 6    | 2  | 0.198               | 0.046       | 0.483        | 0.153      | 0.000   |
| 6    | 3  | 0.185               | 0.046       | 0.443        | 0.140      | 0.000   |
| 7    | 1  | 0.165               | 0.044       | 0.373        | 0.121      | 0.000   |
| 7    | 2  | 0.159               | 0.044       | 0.366        | 0.115      | 0.000   |
| 7    | 3  | 0.169               | 0.049       | 0.379        | 0.120      | 0.000   |
| 8    | 1  | 0.141               | 0.037       | 0.269        | 0.105      | 0.000   |
| 8    | 2  | 0.118               | 0.037       | 0.237        | 0.082      | 0.000   |
| 8    | 3  | 0.119               | 0.040       | 0.230        | 0.079      | 0.000   |
| 9    | 1  | 0.204               | 0.006       | 0.212        | 0.198      | 0.000   |
| 9    | 2  | 0.164               | 0.006       | 0.172        | 0.158      | 0.000   |
| 9    | 3  | 0.143               | 0.006       | 0.152        | 0.138      | 0.000   |
| 10   | 1  | 0.134               | 0.006       | 0.142        | 0.128      | 0.000   |
| 10   | 2  | 0.312               | 0.006       | 0.320        | 0.306      | 0.000   |
| 10   | 3  | 0.647               | 0.006       | 0.656        | 0.640      | 0.000   |
| 11   | 1  | 0.492               | 0.032       | 0.602        | 0.460      | 0.000   |
| 11   | 2  | 0.446               | 0.032       | 0.556        | 0.414      | 0.000   |
| 11   | 3  | 0.548               | 0.032       | 0.658        | 0.516      | 0.000   |
| 12   | 1  | 0.314               | 0.038       | 0.568        | 0.277      | 0.000   |
| 12   | 2  | 0.275               | 0.038       | 0.528        | 0.237      | 0.000   |
| 12   | 3  | 0.232               | 0.041       | 0.511        | 0.190      | 0.000   |
| Tot  | al | 12.330              | 1.256       | 19.343       | 11.074     | 0.000   |

| 1999 |    | M. Musi  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 2.544    | 0.072    | 4.016     | 2.472        | 0.000      |         |
| 1    | 2  | 6.461    | 0.072    | 8.230     | 6.389        | 0.000      |         |
| 1    | 3  | 4.615    | 0.079    | 6.294     | 4.536        | 0.000      |         |
| 2    | 1  | 3.018    | 0.079    | 4.633     | 2.939        | 0.000      |         |
| 2    | 2  | 3.878    | 0.079    | 5.572     | 3.799        | 0.000      |         |
| 2    | 3  | 5.977    | 0.063    | 7.539     | 5.913        | 0.000      |         |
| 3    | 1  | 4.980    | 0.072    | 6.566     | 4.908        | 0.000      |         |
| 3    | 2  | 5.763    | 0.072    | 7.514     | 5.691        | 0.000      |         |
| 3    | 3  | 4.047    | 0.079    | 5.724     | 3.968        | 0.000      |         |
| 4    | 1  | 1.749    | 0.089    | 3.449     | 1.660        | 0.000      |         |
| 4    | 2  | 1.223    | 0.089    | 2.902     | 1.134        | 0.000      |         |
| 4    | 3  | 1.131    | 0.089    | 2.733     | 1.042        | 0.000      |         |
| 5    | 1  | 1.406    | 0.086    | 3.005     | 1.320        | 0.000      |         |
| 5    | 2  | 2.246    | 0.086    | 3.732     | 2.159        | 0.000      |         |
| 5    | 3  | 1.811    | 0.095    | 3.630     | 1.716        | 0.000      |         |
| 6    | 1  | 1.633    | 0.089    | 3.291     | 1.544        | 0.000      |         |
| 6    | 2  | 1.681    | 0.089    | 3.374     | 1.592        | 0.000      |         |
| 6    | 3  | 1.983    | 0.089    | 3.615     | 1.894        | 0.000      |         |
| 7    | 1  | 1.059    | 0.086    | 2.463     | 0.973        | 0.000      |         |
| 7    | 2  | 1.248    | 0.086    | 2.661     | 1.162        | 0.000      |         |
| 7    | 3  | 1.065    | 0.095    | 2.495     | 0.970        | 0.000      |         |
| 8    | 1  | 0.893    | 0.070    | 1.941     | 0.828        | 0.005      |         |
| 8    | 2  | 0.866    | 0.070    | 1.890     | 0.796        | 0.000      |         |
| 8    | 3  | 0.912    | 0.077    | 1.920     | 0.851        | 0.016      |         |
| 9    | 1  | 1.439    | 0.004    | 1.615     | 1.435        | 0.000      |         |
| 9    | 2  | 1.339    | 0.004    | 1.505     | 1.335        | 0.000      |         |
| 9    | 3  | 1.263    | 0.004    | 1.427     | 1.259        | 0.000      |         |
| 10   | 1  | 1.280    | 0.004    | 1.440     | 1.276        | 0.000      |         |
| 10   | 2  | 2.022    | 0.004    | 2.231     | 2.018        | 0.000      |         |
| 10   | 3  | 3.858    | 0.005    | 4.129     | 3.854        | 0.000      |         |
| 11   | 1  | 2.003    | 0.060    | 3.067     | 1.942        | 0.000      |         |
| 11   | 2  | 2.648    | 0.060    | 3.761     | 2.587        | 0.000      |         |
| 11   | 3  | 3.278    | 0.060    | 4.432     | 3.217        | 0.000      |         |
| 12   | 1  | 2.426    | 0.072    | 3.862     | 2.354        | 0.000      |         |
| 12   | 2  | 2.157    | 0.072    | 3.551     | 2.085        | 0.000      |         |
| 12   | 3  | 4.650    | 0.079    | 6.306     | 4.570        | 0.000      |         |
| Tot  | al | 90.554   | 2.386    | 136.514   | 88.189       | 0.021      |         |
|      |    |          |          |           |              |            |         |
| 1999 |    | U. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  | 0.297    | 0.242    | 0.297     | 0.081        | 0.026      |         |
| 1    | 2  | 0.501    | 0.242    | 0.501     | 0.259        | 0.000      |         |
| 1    | 3  | 0.441    | 0.267    | 0.441     | 0.174        | 0.000      |         |
| 2    | 1  | 0.280    | 0.268    | 0.280     | 0.081        | 0.068      |         |
| 2    | 2  | 0.364    | 0.268    | 0.364     | 0.096        | 0.000      |         |
| 2    | 3  | 0.347    | 0.214    | 0.347     | 0.132        | 0.000      |         |
| 3    | 1  | 0.386    | 0.242    | 0.386     | 0.143        | 0.000      |         |
| 3    | 2  | 0.592    | 0.242    | 0.592     | 0.350        | 0.000      |         |
| 3    | 3  | 0.631    | 0.267    | 0.631     | 0.364        | 0.000      |         |
| 4    | 1  | 0.672    | 0.302    | 0.672     | 0.369        | 0.000      |         |
| 4    | 2  | 0.478    | 0.302    | 0.478     | 0.175        | 0.000      |         |
| 4    | 3  | 0.389    | 0.302    | 0.389     | 0.086        | 0.000      |         |
| 5    | 1  | 0.521    | 0.293    | 0.521     | 0.228        | 0.000      |         |
| 5    | 2  | 0.614    | 0.293    | 0.614     | 0.321        | 0.000      |         |
| 5    | 3  | 0.603    | 0.322    | 0.603     | 0.281        | 0.000      |         |
| 6    | 1  | 0.370    | 0.302    | 0.370     | 0.081        | 0.013      |         |
| 6    | 2  | 0.442    | 0.302    | 0.442     | 0.140        | 0.000      |         |
| 6    | 3  | 0.723    | 0.302    | 0.723     | 0.420        | 0.000      |         |
| 7    | 1  | 0.589    | 0.293    | 0.589     | 0.296        | 0.000      |         |
| 7    | 2  | 0.592    | 0.293    | 0.592     | 0.299        | 0.000      |         |
| 7    | 3  | 0.458    | 0.322    | 0.458     | 0.136        | 0.000      |         |
| 8    | 1  | 0.362    | 0.236    | 0.362     | 0.126        | 0.000      |         |
| 8    | 2  | 0.402    | 0.236    | 0.402     | 0.166        | 0.000      |         |
| 8    | 3  | 0.421    | 0.259    | 0.421     | 0.162        | 0.000      |         |
| 9    | 1  | 0.284    | 0.005    | 0.284     | 0.279        | 0.000      |         |
| 9    | 2  | 0.250    | 0.005    | 0.250     | 0.245        | 0.000      |         |
| 9    | 3  | 0.224    | 0.005    | 0.224     | 0.219        | 0.000      |         |
| 10   | 1  | 0.206    | 0.005    | 0.206     | 0.202        | 0.000      |         |
| 10   | 2  | 0.179    | 0.005    | 0.179     | 0.175        | 0.000      |         |
| 10   | 3  | 0.220    | 0.005    | 0.220     | 0.215        | 0.000      |         |
| 11   | 1  | 0.287    | 0.201    | 0.287     | 0.086        | 0.000      |         |
| 11   | 2  | 0.470    | 0.201    | 0.470     | 0.269        | 0.000      |         |
| 11   | 3  | 0.518    | 0.201    | 0.518     | 0.317        | 0.000      |         |
| 12   | 1  | 0.347    | 0.242    | 0.347     | 0.105        | 0.000      |         |
| 12   | 2  | 0.299    | 0.242    | 0.299     | 0.081        | 0.024      |         |
| 12   | 3  | 0.548    | 0.267    | 0.548     | 0.281        | 0.000      |         |
| Tot  | al | 15.306   | 7.995    | 15.306    | 7.442        | 0.132      |         |

| 1999 |    | L. Rawas | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 0.368    | 0.174     | 0.542        | 0.260      | 0.066   |
| 1    | 2  |          | 0.946    | 0.174     | 1.141        | 0.772      | 0.000   |
| 1    | 3  |          | 1.198    | 0.191     | 1.413        | 1.007      | 0.000   |
| 2    | 1  |          | 0.944    | 0.192     | 1.104        | 0.752      | 0.000   |
| 2    | 2  |          | 0.817    | 0.192     | 1.032        | 0.625      | 0.000   |
| 2    | 3  |          | 0.677    | 0.154     | 0.849        | 0.523      | 0.000   |
| 3    | 1  |          | 1.297    | 0.174     | 1.491        | 1.123      | 0.000   |
| 3    | 2  |          | 2.376    | 0.174     | 2.570        | 2.201      | 0.000   |
| 3    | 3  |          | 2.027    | 0.191     | 2.241        | 1.836      | 0.000   |
| 4    | 1  |          | 2.161    | 0.219     | 2.404        | 1.942      | 0.000   |
| 4    | 2  |          | 2.973    | 0.219     | 3.216        | 2.754      | 0.000   |
| 4    | 3  |          | 1.925    | 0.219     | 2.168        | 1.705      | 0.000   |
| 5    | 1  |          | 1.548    | 0.212     | 1.783        | 1.335      | 0.000   |
| 5    | 2  |          | 1.675    | 0.212     | 1.911        | 1.463      | 0.000   |
| 5    | 3  |          | 1.728    | 0.234     | 1.987        | 1.494      | 0.000   |
| 6    | 1  |          | 1.238    | 0.219     | 1.470        | 1.019      | 0.000   |
| 6    | 2  |          | 1.182    | 0.219     | 1.425        | 0.963      | 0.000   |
| 6    | 3  |          | 1.413    | 0.219     | 1.656        | 1.194      | 0.000   |
| 7    | 1  |          | 1.182    | 0.212     | 1.417        | 0.969      | 0.000   |
| 7    | 2  |          | 1.105    | 0.212     | 1.340        | 0.892      | 0.000   |
| 7    | 3  |          | 0.904    | 0.234     | 1.163        | 0.671      | 0.000   |
| 8    | 1  |          | 0.726    | 0.174     | 0.915        | 0.551      | 0.000   |
| 8    | 2  |          | 0.714    | 0.174     | 0.903        | 0.540      | 0.000   |
| 8    | 3  |          | 0.712    | 0.192     | 0.920        | 0.520      | 0.000   |
| 9    | 1  |          | 0.666    | 0.005     | 0.671        | 0.661      | 0.000   |
| 9    | 2  |          | 0.584    | 0.005     | 0.589        | 0.579      | 0.000   |
| 9    | 3  |          | 0.522    | 0.005     | 0.526        | 0.517      | 0.000   |
| 10   | 1  |          | 0.476    | 0.005     | 0.480        | 0.470      | 0.000   |
| 10   | 2  |          | 0.581    | 0.005     | 0.585        | 0.576      | 0.000   |
| 10   | 3  |          | 0.918    | 0.006     | 0.923        | 0.912      | 0.000   |
| 11   | 1  |          | 1.194    | 0.147     | 1.356        | 1.046      | 0.000   |
| 11   | 2  |          | 1.771    | 0.147     | 1.933        | 1.623      | 0.000   |
| 11   | 3  |          | 2.507    | 0.147     | 2.669        | 2.359      | 0.000   |
| 12   | 1  |          | 2.604    | 0.174     | 2.799        | 2.430      | 0.000   |
| 12   | 2  |          | 1.793    | 0.174     | 1.968        | 1.619      | 0.000   |
| 12   | 3  |          | 1.867    | 0.191     | 2.081        | 1.675      | 0.000   |
| Tot  | al |          | 47.316   | 5.803     | 53.640       | 41.579     | 0.066   |
|      |    |          |          |           |              |            |         |
| 1999 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.301    | 0.328     | 0.301        | 0.054      | 0.081   |
| 1    | 2  |          | 0.482    | 0.328     | 0.482        | 0.154      | 0.000   |
| 1    | 3  |          | 0.520    | 0.361     | 0.520        | 0.159      | 0.000   |
| 2    | 1  |          | 0.363    | 0.363     | 0.363        | 0.054      | 0.054   |
| 2    | 2  |          | 0.404    | 0.363     | 0.404        | 0.054      | 0.013   |
| 2    | 3  |          | 0.375    | 0.290     | 0.375        | 0.085      | 0.000   |
| 3    | 1  |          | 0.443    | 0.328     | 0.443        | 0.115      | 0.000   |
| 3    | 2  |          | 0.602    | 0.328     | 0.602        | 0.274      | 0.000   |
| 3    | 3  |          | 0.688    | 0.361     | 0.688        | 0.328      | 0.000   |
| 4    | 1  |          | 0.698    | 0.470     | 0.698        | 0.228      | 0.000   |
| 4    | 2  |          | 0.578    | 0.470     | 0.578        | 0.108      | 0.000   |
| 4    | 3  |          | 0.479    | 0.470     | 0.479        | 0.054      | 0.045   |
| 5    | 1  |          | 0.524    | 0.455     | 0.524        | 0.069      | 0.000   |
| 5    | 2  |          | 0.618    | 0.455     | 0.618        | 0.162      | 0.000   |
| 5    | 3  |          | 0.669    | 0.501     | 0.669        | 0.168      | 0.000   |
| 6    | 1  |          | 0.463    | 0.470     | 0.463        | 0.054      | 0.062   |
| 6    | 2  |          | 0.469    | 0.470     | 0.469        | 0.054      | 0.055   |
| 6    | 3  |          | 0.724    | 0.470     | 0.724        | 0.254      | 0.000   |
| 7    | 1  |          | 0.668    | 0.455     | 0.668        | 0.212      | 0.000   |
| 7    | 2  |          | 0.639    | 0.455     | 0.639        | 0.184      | 0.000   |
| 7    | 3  |          | 0.576    | 0.501     | 0.576        | 0.076      | 0.000   |
| 8    | 1  |          | 0.444    | 0.451     | 0.444        | 0.054      | 0.061   |
| 8    | 2  |          | 0.448    | 0.451     | 0.448        | 0.054      | 0.057   |
| 8    | 3  |          | 0.493    | 0.496     | 0.493        | 0.059      | 0.063   |
| 9    | 1  |          | 0.364    | 0.002     | 0.364        | 0.362      | 0.000   |
| 9    | 2  |          | 0.315    | 0.002     | 0.315        | 0.313      | 0.000   |
| 9    | 3  |          | 0.279    | 0.002     | 0.279        | 0.277      | 0.000   |
| 10   | 1  |          | 0.254    | 0.002     | 0.254        | 0.252      | 0.000   |
| 10   | 2  |          | 0.224    | 0.002     | 0.224        | 0.222      | 0.000   |
| 10   | 3  |          | 0.243    | 0.002     | 0.243        | 0.241      | 0.000   |
| 11   | 1  |          | 0.284    | 0.335     | 0.284        | 0.054      | 0.105   |
| 11   | 2  |          | 0.447    | 0.335     | 0.447        | 0.112      | 0.000   |
| 11   | 3  |          | 0.516    | 0.335     | 0.516        | 0.181      | 0.000   |
| 12   | 1  |          | 0.430    | 0.328     | 0.430        | 0.102      | 0.000   |
| 12   | 2  |          | 0.350    | 0.328     | 0.350        | 0.054      | 0.032   |
| 12   | 3  |          | 0.530    | 0.361     | 0.530        | 0.170      | 0.000   |
| Tot  | al |          | 16.904   | 12.125    | 16.904       | 5.407      | 0.628   |

| 1999 | U. | Lematang<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-----------|--------------|------------|---------|
| 1    | 1  | 0.450                | 0.475     | 0.450        | 0.240      | 0.265   |
| 1    | 2  | 0.770                | 0.475     | 0.770        | 0.295      | 0.000   |
| 1    | 3  | 0.851                | 0.522     | 0.851        | 0.328      | 0.000   |
| 2    | 1  | 0.597                | 0.523     | 0.597        | 0.240      | 0.166   |
| 2    | 2  | 0.518                | 0.523     | 0.518        | 0.240      | 0.245   |
| 2    | 3  | 0.490                | 0.418     | 0.490        | 0.192      | 0.120   |
| 3    | 1  | 0.670                | 0.475     | 0.670        | 0.240      | 0.044   |
| 3    | 2  | 0.652                | 0.475     | 0.652        | 0.240      | 0.063   |
| 3    | 3  | 0.508                | 0.522     | 0.508        | 0.264      | 0.278   |
| 4    | 1  | 0.336                | 0.521     | 0.336        | 0.240      | 0.425   |
| 4    | 2  | 0.315                | 0.521     | 0.315        | 0.240      | 0.446   |
| 4    | 3  | 0.322                | 0.521     | 0.322        | 0.240      | 0.439   |
| 5    | 1  | 0.387                | 0.505     | 0.387        | 0.240      | 0.358   |
| 5    | 2  | 0.636                | 0.505     | 0.636        | 0.240      | 0.109   |
| 5    | 3  | 0.568                | 0.555     | 0.568        | 0.264      | 0.251   |
| 6    | 1  | 0.324                | 0.521     | 0.324        | 0.240      | 0.437   |
| 6    | 2  | 0.313                | 0.521     | 0.313        | 0.240      | 0.448   |
| 6    | 3  | 0.386                | 0.521     | 0.386        | 0.240      | 0.375   |
| 7    | 1  | 0.270                | 0.505     | 0.270        | 0.240      | 0.475   |
| 7    | 2  | 0.434                | 0.505     | 0.434        | 0.240      | 0.311   |
| 7    | 3  | 0.355                | 0.555     | 0.355        | 0.264      | 0.464   |
| 8    | 1  | 0.272                | 0.505     | 0.272        | 0.240      | 0.473   |
| 8    | 2  | 0.309                | 0.505     | 0.309        | 0.240      | 0.436   |
| 8    | 3  | 0.292                | 0.555     | 0.292        | 0.264      | 0.527   |
| 9    | 1  | 0.300                | 0.028     | 0.300        | 0.272      | 0.000   |
| 9    | 2  | 0.216                | 0.028     | 0.216        | 0.216      | 0.028   |
| 9    | 3  | 0.222                | 0.028     | 0.222        | 0.222      | 0.028   |
| 10   | 1  | 0.308                | 0.028     | 0.308        | 0.280      | 0.000   |
| 10   | 2  | 0.634                | 0.028     | 0.634        | 0.606      | 0.000   |
| 10   | 3  | 1.834                | 0.031     | 1.834        | 1.803      | 0.000   |
| 11   | 1  | 0.852                | 0.490     | 0.852        | 0.362      | 0.000   |
| 11   | 2  | 1.123                | 0.490     | 1.123        | 0.634      | 0.000   |
| 11   | 3  | 3.333                | 0.490     | 3.333        | 2.843      | 0.000   |
| 12   | 1  | 1.861                | 0.475     | 1.861        | 1.386      | 0.000   |
| 12   | 2  | 1.397                | 0.475     | 1.397        | 0.922      | 0.000   |
| 12   | 3  | 3.094                | 0.522     | 3.094        | 2.572      | 0.000   |
| Tot  | al | 26.197               | 15.340    | 26.197       | 18.069     | 7.212   |

  

| 1999 | L. | Lematang<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-----------|--------------|------------|---------|
| 1    | 1  | 0.643                | 0.420     | 0.816        | 0.366      | 0.143   |
| 1    | 2  | 0.943                | 0.420     | 1.328        | 0.523      | 0.000   |
| 1    | 3  | 1.387                | 0.462     | 1.811        | 0.925      | 0.000   |
| 2    | 1  | 1.154                | 0.464     | 1.444        | 0.690      | 0.000   |
| 2    | 2  | 0.929                | 0.464     | 1.157        | 0.466      | 0.000   |
| 2    | 3  | 0.748                | 0.371     | 0.992        | 0.377      | 0.000   |
| 3    | 1  | 0.926                | 0.420     | 1.276        | 0.506      | 0.000   |
| 3    | 2  | 0.864                | 0.420     | 1.199        | 0.444      | 0.000   |
| 3    | 3  | 0.813                | 0.462     | 1.014        | 0.403      | 0.051   |
| 4    | 1  | 0.645                | 0.566     | 0.727        | 0.366      | 0.287   |
| 4    | 2  | 0.604                | 0.566     | 0.670        | 0.366      | 0.327   |
| 4    | 3  | 0.627                | 0.566     | 0.697        | 0.366      | 0.305   |
| 5    | 1  | 0.601                | 0.548     | 0.724        | 0.366      | 0.313   |
| 5    | 2  | 0.644                | 0.548     | 0.967        | 0.366      | 0.269   |
| 5    | 3  | 0.613                | 0.602     | 0.862        | 0.403      | 0.392   |
| 6    | 1  | 0.485                | 0.566     | 0.558        | 0.366      | 0.446   |
| 6    | 2  | 0.443                | 0.566     | 0.508        | 0.366      | 0.488   |
| 6    | 3  | 0.433                | 0.566     | 0.555        | 0.366      | 0.499   |
| 7    | 1  | 0.394                | 0.548     | 0.423        | 0.366      | 0.520   |
| 7    | 2  | 0.411                | 0.548     | 0.572        | 0.366      | 0.503   |
| 7    | 3  | 0.415                | 0.602     | 0.494        | 0.403      | 0.590   |
| 8    | 1  | 0.346                | 0.548     | 0.377        | 0.346      | 0.548   |
| 8    | 2  | 0.340                | 0.548     | 0.400        | 0.340      | 0.548   |
| 8    | 3  | 0.353                | 0.602     | 0.382        | 0.353      | 0.602   |
| 9    | 1  | 0.351                | 0.009     | 0.379        | 0.351      | 0.009   |
| 9    | 2  | 0.286                | 0.009     | 0.286        | 0.286      | 0.009   |
| 9    | 3  | 0.283                | 0.009     | 0.283        | 0.283      | 0.009   |
| 10   | 1  | 0.374                | 0.009     | 0.402        | 0.366      | 0.001   |
| 10   | 2  | 0.881                | 0.009     | 0.909        | 0.872      | 0.000   |
| 10   | 3  | 2.529                | 0.010     | 2.560        | 2.519      | 0.000   |
| 11   | 1  | 1.402                | 0.433     | 1.799        | 0.968      | 0.000   |
| 11   | 2  | 1.515                | 0.433     | 1.913        | 1.082      | 0.000   |
| 11   | 3  | 4.223                | 0.433     | 4.620        | 3.789      | 0.000   |
| 12   | 1  | 3.583                | 0.420     | 3.969        | 3.164      | 0.000   |
| 12   | 2  | 3.309                | 0.420     | 3.694        | 2.889      | 0.000   |
| 12   | 3  | 4.350                | 0.462     | 4.774        | 3.888      | 0.000   |
| Tot  | al | 38.849               | 15.047    | 45.544       | 30.662     | 6.860   |

| 1999 |    | U. Ogan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 0.817   | 0.354    | 0.817     | 0.462        | 0.000      |         |
| 1    | 2  | 2.128   | 0.354    | 2.128     | 1.773        | 0.000      |         |
| 1    | 3  | 1.922   | 0.390    | 1.922     | 1.532        | 0.000      |         |
| 2    | 1  | 1.153   | 0.388    | 1.153     | 0.764        | 0.000      |         |
| 2    | 2  | 1.169   | 0.388    | 1.169     | 0.781        | 0.000      |         |
| 2    | 3  | 1.026   | 0.311    | 1.026     | 0.716        | 0.000      |         |
| 3    | 1  | 1.725   | 0.354    | 1.725     | 1.371        | 0.000      |         |
| 3    | 2  | 2.086   | 0.354    | 2.086     | 1.732        | 0.000      |         |
| 3    | 3  | 1.217   | 0.390    | 1.217     | 0.828        | 0.000      |         |
| 4    | 1  | 0.726   | 0.379    | 0.726     | 0.347        | 0.000      |         |
| 4    | 2  | 0.704   | 0.379    | 0.704     | 0.324        | 0.000      |         |
| 4    | 3  | 0.765   | 0.379    | 0.765     | 0.386        | 0.000      |         |
| 5    | 1  | 0.674   | 0.368    | 0.674     | 0.305        | 0.000      |         |
| 5    | 2  | 0.699   | 0.368    | 0.699     | 0.331        | 0.000      |         |
| 5    | 3  | 0.603   | 0.405    | 0.603     | 0.198        | 0.000      |         |
| 6    | 1  | 0.471   | 0.379    | 0.471     | 0.116        | 0.024      |         |
| 6    | 2  | 0.405   | 0.379    | 0.405     | 0.116        | 0.090      |         |
| 6    | 3  | 0.349   | 0.379    | 0.349     | 0.116        | 0.147      |         |
| 7    | 1  | 0.309   | 0.368    | 0.309     | 0.116        | 0.175      |         |
| 7    | 2  | 0.295   | 0.368    | 0.295     | 0.116        | 0.189      |         |
| 7    | 3  | 0.301   | 0.405    | 0.301     | 0.128        | 0.232      |         |
| 8    | 1  | 0.213   | 0.105    | 0.213     | 0.116        | 0.008      |         |
| 8    | 2  | 0.188   | 0.105    | 0.188     | 0.116        | 0.033      |         |
| 8    | 3  | 0.185   | 0.116    | 0.185     | 0.128        | 0.059      |         |
| 9    | 1  | 0.154   | 0.037    | 0.154     | 0.117        | 0.000      |         |
| 9    | 2  | 0.131   | 0.037    | 0.131     | 0.116        | 0.022      |         |
| 9    | 3  | 0.116   | 0.037    | 0.116     | 0.116        | 0.037      |         |
| 10   | 1  | 0.116   | 0.037    | 0.116     | 0.116        | 0.037      |         |
| 10   | 2  | 0.226   | 0.037    | 0.226     | 0.189        | 0.000      |         |
| 10   | 3  | 0.704   | 0.041    | 0.704     | 0.663        | 0.000      |         |
| 11   | 1  | 1.058   | 0.141    | 1.058     | 0.917        | 0.000      |         |
| 11   | 2  | 1.036   | 0.141    | 1.036     | 0.895        | 0.000      |         |
| 11   | 3  | 1.603   | 0.141    | 1.603     | 1.463        | 0.000      |         |
| 12   | 1  | 2.020   | 0.354    | 2.020     | 1.666        | 0.000      |         |
| 12   | 2  | 1.076   | 0.354    | 1.076     | 0.721        | 0.000      |         |
| 12   | 3  | 1.154   | 0.390    | 1.154     | 0.764        | 0.000      |         |
| Tot  | al | 29.523  | 9.918    | 29.523    | 20.658       | 1.053      |         |

| 1999 |    | L. Ogan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  | 2.626   | 0.586    | 2.917     | 2.040        | 0.000      |         |
| 1    | 2  | 4.199   | 0.586    | 4.490     | 3.613        | 0.000      |         |
| 1    | 3  | 3.634   | 0.644    | 3.954     | 2.990        | 0.000      |         |
| 2    | 1  | 2.606   | 0.647    | 2.924     | 1.958        | 0.000      |         |
| 2    | 2  | 2.220   | 0.647    | 2.538     | 1.572        | 0.000      |         |
| 2    | 3  | 1.800   | 0.518    | 2.055     | 1.282        | 0.000      |         |
| 3    | 1  | 3.436   | 0.586    | 3.727     | 2.850        | 0.000      |         |
| 3    | 2  | 3.891   | 0.586    | 4.182     | 3.306        | 0.000      |         |
| 3    | 3  | 2.795   | 0.644    | 3.115     | 2.150        | 0.000      |         |
| 4    | 1  | 1.666   | 0.163    | 1.977     | 1.503        | 0.000      |         |
| 4    | 2  | 1.305   | 0.163    | 1.616     | 1.143        | 0.000      |         |
| 4    | 3  | 1.515   | 0.163    | 1.826     | 1.352        | 0.000      |         |
| 5    | 1  | 1.369   | 0.158    | 1.671     | 1.211        | 0.000      |         |
| 5    | 2  | 1.371   | 0.158    | 1.673     | 1.214        | 0.000      |         |
| 5    | 3  | 1.168   | 0.174    | 1.501     | 0.995        | 0.000      |         |
| 6    | 1  | 0.895   | 0.163    | 1.187     | 0.732        | 0.000      |         |
| 6    | 2  | 0.781   | 0.163    | 1.020     | 0.618        | 0.000      |         |
| 6    | 3  | 0.695   | 0.163    | 0.888     | 0.532        | 0.000      |         |
| 7    | 1  | 0.633   | 0.158    | 0.795     | 0.475        | 0.000      |         |
| 7    | 2  | 0.574   | 0.158    | 0.725     | 0.417        | 0.000      |         |
| 7    | 3  | 0.580   | 0.174    | 0.728     | 0.407        | 0.000      |         |
| 8    | 1  | 0.459   | 0.122    | 0.543     | 0.337        | 0.000      |         |
| 8    | 2  | 0.416   | 0.122    | 0.482     | 0.295        | 0.000      |         |
| 8    | 3  | 0.415   | 0.134    | 0.469     | 0.283        | 0.001      |         |
| 9    | 1  | 0.349   | 0.009    | 0.387     | 0.340        | 0.000      |         |
| 9    | 2  | 0.318   | 0.009    | 0.333     | 0.309        | 0.000      |         |
| 9    | 3  | 0.294   | 0.009    | 0.294     | 0.284        | 0.000      |         |
| 10   | 1  | 0.285   | 0.009    | 0.285     | 0.275        | 0.000      |         |
| 10   | 2  | 0.384   | 0.009    | 0.421     | 0.375        | 0.000      |         |
| 10   | 3  | 0.964   | 0.010    | 1.005     | 0.954        | 0.000      |         |
| 11   | 1  | 1.491   | 0.574    | 1.611     | 0.917        | 0.000      |         |
| 11   | 2  | 1.640   | 0.574    | 1.760     | 1.066        | 0.000      |         |
| 11   | 3  | 2.819   | 0.574    | 2.938     | 2.244        | 0.000      |         |
| 12   | 1  | 4.227   | 0.586    | 4.518     | 3.642        | 0.000      |         |
| 12   | 2  | 3.371   | 0.586    | 3.662     | 2.785        | 0.000      |         |
| 12   | 3  | 2.547   | 0.644    | 2.866     | 1.902        | 0.000      |         |
| Tot  | al | 59.740  | 11.371   | 67.084    | 48.370       | 0.001      |         |



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| 1999 | U. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 1.810                | 0.884       | 1.810        | 0.926      | 0.000   |
| 1    | 2  | 4.948                | 0.884       | 4.948        | 4.064      | 0.000   |
| 1    | 3  | 4.293                | 0.972       | 4.293        | 3.321      | 0.000   |
| 2    | 1  | 2.699                | 0.973       | 2.699        | 1.726      | 0.000   |
| 2    | 2  | 3.475                | 0.973       | 3.475        | 2.502      | 0.000   |
| 2    | 3  | 4.010                | 0.778       | 4.010        | 3.231      | 0.000   |
| 3    | 1  | 5.984                | 0.884       | 5.984        | 5.101      | 0.000   |
| 3    | 2  | 5.018                | 0.884       | 5.018        | 4.134      | 0.000   |
| 3    | 3  | 3.330                | 0.972       | 3.330        | 2.358      | 0.000   |
| 4    | 1  | 2.115                | 1.094       | 2.115        | 1.021      | 0.000   |
| 4    | 2  | 1.790                | 1.094       | 1.790        | 0.696      | 0.000   |
| 4    | 3  | 1.637                | 1.094       | 1.637        | 0.543      | 0.000   |
| 5    | 1  | 1.934                | 1.060       | 1.934        | 0.874      | 0.000   |
| 5    | 2  | 2.842                | 1.060       | 2.842        | 1.782      | 0.000   |
| 5    | 3  | 2.378                | 1.166       | 2.378        | 1.212      | 0.000   |
| 6    | 1  | 1.893                | 1.094       | 1.893        | 0.799      | 0.000   |
| 6    | 2  | 2.454                | 1.094       | 2.454        | 1.360      | 0.000   |
| 6    | 3  | 2.548                | 1.094       | 2.548        | 1.454      | 0.000   |
| 7    | 1  | 1.751                | 1.060       | 1.751        | 0.691      | 0.000   |
| 7    | 2  | 1.551                | 1.060       | 1.551        | 0.491      | 0.000   |
| 7    | 3  | 1.541                | 1.166       | 1.541        | 0.385      | 0.010   |
| 8    | 1  | 1.168                | 0.053       | 1.168        | 1.115      | 0.000   |
| 8    | 2  | 1.079                | 0.053       | 1.079        | 1.026      | 0.000   |
| 8    | 3  | 1.221                | 0.058       | 1.221        | 1.163      | 0.000   |
| 9    | 1  | 0.884                | 0.053       | 0.884        | 0.832      | 0.000   |
| 9    | 2  | 0.808                | 0.053       | 0.808        | 0.755      | 0.000   |
| 9    | 3  | 0.828                | 0.053       | 0.828        | 0.775      | 0.000   |
| 10   | 1  | 0.843                | 0.053       | 0.843        | 0.791      | 0.000   |
| 10   | 2  | 1.019                | 0.053       | 1.019        | 0.966      | 0.000   |
| 10   | 3  | 1.443                | 0.058       | 1.443        | 1.386      | 0.000   |
| 11   | 1  | 1.132                | 0.053       | 1.132        | 1.079      | 0.000   |
| 11   | 2  | 1.239                | 0.053       | 1.239        | 1.186      | 0.000   |
| 11   | 3  | 1.294                | 0.053       | 1.294        | 1.241      | 0.000   |
| 12   | 1  | 1.178                | 0.884       | 1.178        | 0.350      | 0.055   |
| 12   | 2  | 1.001                | 0.884       | 1.001        | 0.350      | 0.232   |
| 12   | 3  | 1.775                | 0.972       | 1.775        | 0.802      | 0.000   |
| Tot  | al | 76.911               | 24.720      | 76.911       | 52.489     | 0.298   |

| 1999 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 4.252                | 0.964       | 5.036        | 3.288      | 0.000   |
| 1    | 2  | 9.353                | 0.964       | 10.137       | 8.389      | 0.000   |
| 1    | 3  | 7.617                | 1.061       | 8.480        | 6.557      | 0.000   |
| 2    | 1  | 4.920                | 1.063       | 5.782        | 3.856      | 0.000   |
| 2    | 2  | 5.684                | 1.063       | 6.547        | 4.621      | 0.000   |
| 2    | 3  | 5.534                | 0.851       | 6.224        | 4.683      | 0.000   |
| 3    | 1  | 8.910                | 0.964       | 9.694        | 7.946      | 0.000   |
| 3    | 2  | 9.023                | 0.964       | 9.807        | 8.059      | 0.000   |
| 3    | 3  | 6.263                | 1.061       | 7.125        | 5.202      | 0.000   |
| 4    | 1  | 3.340                | 1.295       | 4.309        | 2.044      | 0.000   |
| 4    | 2  | 2.734                | 1.295       | 3.703        | 1.438      | 0.000   |
| 4    | 3  | 2.833                | 1.295       | 3.802        | 1.538      | 0.000   |
| 5    | 1  | 2.795                | 1.255       | 3.734        | 1.540      | 0.000   |
| 5    | 2  | 3.492                | 1.255       | 4.431        | 2.237      | 0.000   |
| 5    | 3  | 2.961                | 1.380       | 3.995        | 1.581      | 0.000   |
| 6    | 1  | 2.264                | 1.295       | 3.232        | 0.968      | 0.000   |
| 6    | 2  | 2.631                | 1.295       | 3.600        | 1.335      | 0.000   |
| 6    | 3  | 2.590                | 1.295       | 3.559        | 1.294      | 0.000   |
| 7    | 1  | 1.705                | 1.255       | 2.645        | 0.546      | 0.096   |
| 7    | 2  | 1.419                | 1.255       | 2.358        | 0.546      | 0.382   |
| 7    | 3  | 1.330                | 1.380       | 2.354        | 0.601      | 0.651   |
| 8    | 1  | 1.739                | 1.003       | 1.792        | 0.736      | 0.000   |
| 8    | 2  | 1.585                | 1.003       | 1.638        | 0.582      | 0.000   |
| 8    | 3  | 1.710                | 1.104       | 1.768        | 0.606      | 0.000   |
| 9    | 1  | 1.266                | 0.041       | 1.319        | 1.225      | 0.000   |
| 9    | 2  | 1.132                | 0.041       | 1.185        | 1.091      | 0.000   |
| 9    | 3  | 1.109                | 0.041       | 1.162        | 1.068      | 0.000   |
| 10   | 1  | 1.096                | 0.041       | 1.148        | 1.055      | 0.000   |
| 10   | 2  | 1.338                | 0.041       | 1.391        | 1.297      | 0.000   |
| 10   | 3  | 2.325                | 0.045       | 2.383        | 2.280      | 0.000   |
| 11   | 1  | 3.554                | 0.781       | 3.607        | 2.773      | 0.000   |
| 11   | 2  | 4.287                | 0.781       | 4.340        | 3.506      | 0.000   |
| 11   | 3  | 5.091                | 0.781       | 5.143        | 4.310      | 0.000   |
| 12   | 1  | 5.437                | 0.964       | 6.172        | 4.473      | 0.000   |
| 12   | 2  | 4.068                | 0.964       | 4.648        | 3.104      | 0.000   |
| 12   | 3  | 3.579                | 1.061       | 4.441        | 2.518      | 0.000   |
| Tot  | al | 130.967              | 33.201      | 152.689      | 98.895     | 1.129   |

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| 1999 |     | L. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|---------|----------|-------------|--------------|------------|---------|
|      | 1   |         | 10.960   | 0.914       | 15.562       | 10.046     | 0.000   |
|      | 1   |         | 22.870   | 0.914       | 28.233       | 21.956     | 0.000   |
|      | 1   |         | 19.437   | 1.005       | 25.071       | 18.432     | 0.000   |
|      | 2   |         | 13.138   | 0.980       | 18.481       | 12.158     | 0.000   |
|      | 2   |         | 13.659   | 0.980       | 19.106       | 12.679     | 0.000   |
|      | 2   |         | 14.775   | 0.784       | 19.408       | 13.991     | 0.000   |
|      | 3   |         | 20.646   | 0.914       | 25.792       | 19.733     | 0.000   |
|      | 3   |         | 23.958   | 0.914       | 29.252       | 23.044     | 0.000   |
|      | 3   |         | 17.548   | 1.005       | 22.915       | 16.543     | 0.000   |
|      | 4   |         | 10.646   | 1.168       | 15.821       | 9.479      | 0.000   |
|      | 4   |         | 9.938    | 1.168       | 15.042       | 8.771      | 0.000   |
|      | 4   |         | 8.800    | 1.168       | 13.814       | 7.632      | 0.000   |
|      | 5   |         | 8.192    | 1.139       | 13.175       | 7.053      | 0.000   |
|      | 5   |         | 9.916    | 1.139       | 15.020       | 8.776      | 0.000   |
|      | 5   |         | 8.751    | 1.253       | 14.368       | 7.498      | 0.000   |
|      | 6   |         | 6.740    | 1.168       | 11.656       | 5.573      | 0.000   |
|      | 6   |         | 6.861    | 1.168       | 11.733       | 5.693      | 0.000   |
|      | 6   |         | 7.342    | 1.168       | 12.201       | 6.174      | 0.000   |
|      | 7   |         | 5.184    | 1.139       | 9.495        | 4.045      | 0.000   |
|      | 7   |         | 5.075    | 1.139       | 9.300        | 3.936      | 0.000   |
|      | 7   |         | 4.572    | 1.253       | 8.810        | 3.908      | 0.589   |
|      | 8   |         | 4.057    | 1.128       | 6.778        | 3.481      | 0.552   |
|      | 8   |         | 3.716    | 1.128       | 6.436        | 3.170      | 0.582   |
|      | 8   |         | 3.782    | 1.241       | 6.613        | 3.335      | 0.794   |
|      | 9   |         | 4.916    | 0.298       | 5.275        | 4.618      | 0.000   |
|      | 9   |         | 4.383    | 0.298       | 4.682        | 4.085      | 0.000   |
|      | 9   |         | 4.109    | 0.298       | 4.392        | 3.928      | 0.118   |
|      | 10  |         | 4.106    | 0.298       | 4.421        | 3.906      | 0.098   |
|      | 10  |         | 6.022    | 0.298       | 6.424        | 5.724      | 0.000   |
|      | 10  |         | 11.897   | 0.328       | 12.381       | 11.569     | 0.000   |
|      | 11  |         | 9.757    | 0.925       | 13.235       | 8.832      | 0.000   |
|      | 11  |         | 12.430   | 0.925       | 16.040       | 11.505     | 0.000   |
|      | 11  |         | 19.863   | 0.925       | 23.515       | 18.939     | 0.000   |
|      | 12  |         | 21.533   | 0.914       | 26.514       | 20.619     | 0.000   |
|      | 12  |         | 17.338   | 0.914       | 22.079       | 16.425     | 0.000   |
|      | 12  |         | 18.348   | 1.005       | 23.959       | 17.343     | 0.000   |
|      | Tot | al      | 395.268  | 33.401      | 537.002      | 364.600    | 2.732   |

| 1999 | Mu  | si Mouth | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|-----|----------|----------|-------------|--------------|------------|---------|
|      | 1   |          | 15.053   | 0.491       | 20.569       | 14.659     | 0.000   |
|      | 1   |          | 28.096   | 0.491       | 34.373       | 27.702     | 0.000   |
|      | 1   |          | 23.505   | 0.540       | 30.143       | 23.071     | 0.000   |
|      | 2   |          | 15.549   | 0.543       | 21.872       | 15.114     | 0.000   |
|      | 2   |          | 15.503   | 0.543       | 21.930       | 15.068     | 0.000   |
|      | 2   |          | 16.488   | 0.434       | 21.905       | 16.140     | 0.000   |
|      | 3   |          | 24.204   | 0.491       | 30.263       | 23.810     | 0.000   |
|      | 3   |          | 26.682   | 0.491       | 32.891       | 26.288     | 0.000   |
|      | 3   |          | 19.947   | 0.540       | 26.319       | 19.514     | 0.000   |
|      | 4   |          | 12.052   | 0.705       | 18.395       | 11.487     | 0.000   |
|      | 4   |          | 10.846   | 0.705       | 17.117       | 10.280     | 0.000   |
|      | 4   |          | 9.674    | 0.705       | 15.856       | 9.109      | 0.000   |
|      | 5   |          | 8.974    | 0.683       | 15.096       | 8.426      | 0.000   |
|      | 5   |          | 11.361   | 0.683       | 17.604       | 10.813     | 0.000   |
|      | 5   |          | 10.030   | 0.751       | 16.900       | 9.428      | 0.000   |
|      | 6   |          | 7.591    | 0.705       | 13.674       | 7.025      | 0.000   |
|      | 6   |          | 7.874    | 0.705       | 13.914       | 7.309      | 0.000   |
|      | 6   |          | 8.028    | 0.705       | 14.056       | 7.463      | 0.000   |
|      | 7   |          | 5.707    | 0.683       | 11.157       | 5.160      | 0.000   |
|      | 7   |          | 5.443    | 0.683       | 10.808       | 4.896      | 0.000   |
|      | 7   |          | 5.368    | 0.751       | 10.269       | 4.766      | 0.000   |
|      | 8   |          | 4.617    | 0.671       | 7.915        | 4.079      | 0.000   |
|      | 8   |          | 4.209    | 0.671       | 7.475        | 3.908      | 0.297   |
|      | 8   |          | 4.361    | 0.738       | 7.639        | 4.245      | 0.595   |
|      | 9   |          | 5.427    | 0.007       | 6.084        | 5.420      | 0.000   |
|      | 9   |          | 4.793    | 0.007       | 5.391        | 4.786      | 0.000   |
|      | 9   |          | 4.633    | 0.007       | 5.097        | 4.627      | 0.000   |
|      | 10  |          | 4.624    | 0.007       | 5.138        | 4.617      | 0.000   |
|      | 10  |          | 7.071    | 0.007       | 7.771        | 7.064      | 0.000   |
|      | 10  |          | 14.312   | 0.007       | 15.123       | 14.304     | 0.000   |
|      | 11  |          | 13.122   | 0.497       | 17.525       | 12.723     | 0.000   |
|      | 11  |          | 17.173   | 0.497       | 21.707       | 16.773     | 0.000   |
|      | 11  |          | 25.951   | 0.497       | 30.527       | 25.552     | 0.000   |
|      | 12  |          | 27.967   | 0.491       | 33.862       | 27.573     | 0.000   |
|      | 12  |          | 21.654   | 0.491       | 27.308       | 21.260     | 0.000   |
|      | 12  |          | 22.498   | 0.540       | 29.113       | 22.064     | 0.000   |
|      | Tot | al       | 470.385  | 18.159      | 642.787      | 456.522    | 0.892   |

| 2000 |    | U. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 4.794    | 1.146       | 4.727        | 3.711      | 0.000   |
| 1    | 2  |         | 6.514    | 1.287       | 6.446        | 5.290      | 0.000   |
| 1    | 3  |         | 5.565    | 1.210       | 5.490        | 4.424      | 0.000   |
| 2    | 1  |         | 4.159    | 1.090       | 4.084        | 3.139      | 0.000   |
| 2    | 2  |         | 3.017    | 0.988       | 2.942        | 2.100      | 0.000   |
| 2    | 3  |         | 2.141    | 0.780       | 2.081        | 1.417      | 0.000   |
| 3    | 1  |         | 1.523    | 0.826       | 1.455        | 0.760      | 0.000   |
| 3    | 2  |         | 1.489    | 0.821       | 1.422        | 0.732      | 0.000   |
| 3    | 3  |         | 1.838    | 0.937       | 1.763        | 0.971      | 0.000   |
| 4    | 1  |         | 2.133    | 1.030       | 2.049        | 1.183      | 0.000   |
| 4    | 2  |         | 2.308    | 1.019       | 2.223        | 1.369      | 0.000   |
| 4    | 3  |         | 3.609    | 1.086       | 3.525        | 2.603      | 0.000   |
| 5    | 1  |         | 1.979    | 1.035       | 1.897        | 1.022      | 0.000   |
| 5    | 2  |         | 2.305    | 1.035       | 2.223        | 1.348      | 0.000   |
| 5    | 3  |         | 1.690    | 1.062       | 1.609        | 0.762      | 0.049   |
| 6    | 1  |         | 2.427    | 1.049       | 2.342        | 1.457      | 0.000   |
| 6    | 2  |         | 2.359    | 1.013       | 2.274        | 1.426      | 0.000   |
| 6    | 3  |         | 2.370    | 1.077       | 2.285        | 1.372      | 0.000   |
| 7    | 1  |         | 2.458    | 1.070       | 2.376        | 1.465      | 0.000   |
| 7    | 2  |         | 2.232    | 1.092       | 2.150        | 1.217      | 0.000   |
| 7    | 3  |         | 2.850    | 1.188       | 2.760        | 1.747      | 0.000   |
| 8    | 1  |         | 4.355    | 1.276       | 4.288        | 3.155      | 0.000   |
| 8    | 2  |         | 3.000    | 1.029       | 2.934        | 2.048      | 0.000   |
| 8    | 3  |         | 1.824    | 1.018       | 1.752        | 0.891      | 0.000   |
| 9    | 1  |         | 1.344    | 0.184       | 1.344        | 1.160      | 0.000   |
| 9    | 2  |         | 1.228    | 0.168       | 1.228        | 1.060      | 0.000   |
| 9    | 3  |         | 1.487    | 0.201       | 1.487        | 1.286      | 0.000   |
| 10   | 1  |         | 1.526    | 0.205       | 1.526        | 1.321      | 0.000   |
| 10   | 2  |         | 1.479    | 0.188       | 1.479        | 1.291      | 0.000   |
| 10   | 3  |         | 1.884    | 0.235       | 1.884        | 1.649      | 0.000   |
| 11   | 1  |         | 2.481    | 0.836       | 2.424        | 1.710      | 0.000   |
| 11   | 2  |         | 4.298    | 0.952       | 4.242        | 3.412      | 0.000   |
| 11   | 3  |         | 4.939    | 1.164       | 4.882        | 3.840      | 0.000   |
| 12   | 1  |         | 3.996    | 0.971       | 3.928        | 3.089      | 0.000   |
| 12   | 2  |         | 4.947    | 1.081       | 4.880        | 3.929      | 0.000   |
| 12   | 3  |         | 5.527    | 1.212       | 5.452        | 4.385      | 0.000   |
| Tot  | al |         | 104.074  | 32.560      | 101.853      | 73.741     | 0.049   |
|      |    |         |          |             |              |            |         |
| 2000 |    | Kelingi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 0.440    | 0.295       | 0.440        | 0.145      | 0.000   |
| 1    | 2  |         | 1.046    | 0.295       | 1.046        | 0.750      | 0.000   |
| 1    | 3  |         | 1.034    | 0.325       | 1.034        | 0.709      | 0.000   |
| 2    | 1  |         | 0.831    | 0.325       | 0.831        | 0.506      | 0.000   |
| 2    | 2  |         | 0.586    | 0.325       | 0.586        | 0.261      | 0.000   |
| 2    | 3  |         | 0.406    | 0.260       | 0.406        | 0.146      | 0.000   |
| 3    | 1  |         | 0.389    | 0.295       | 0.389        | 0.094      | 0.000   |
| 3    | 2  |         | 0.345    | 0.295       | 0.345        | 0.050      | 0.000   |
| 3    | 3  |         | 0.358    | 0.325       | 0.358        | 0.033      | 0.000   |
| 4    | 1  |         | 0.296    | 0.365       | 0.296        | 0.028      | 0.098   |
| 4    | 2  |         | 0.260    | 0.365       | 0.260        | 0.028      | 0.133   |
| 4    | 3  |         | 0.287    | 0.365       | 0.287        | 0.028      | 0.106   |
| 5    | 1  |         | 0.389    | 0.354       | 0.389        | 0.035      | 0.000   |
| 5    | 2  |         | 0.337    | 0.354       | 0.337        | 0.028      | 0.045   |
| 5    | 3  |         | 0.281    | 0.390       | 0.281        | 0.031      | 0.140   |
| 6    | 1  |         | 0.299    | 0.365       | 0.299        | 0.028      | 0.094   |
| 6    | 2  |         | 0.340    | 0.365       | 0.340        | 0.028      | 0.053   |
| 6    | 3  |         | 0.425    | 0.365       | 0.425        | 0.060      | 0.000   |
| 7    | 1  |         | 0.534    | 0.354       | 0.534        | 0.180      | 0.000   |
| 7    | 2  |         | 0.564    | 0.354       | 0.564        | 0.210      | 0.000   |
| 7    | 3  |         | 0.714    | 0.390       | 0.714        | 0.324      | 0.000   |
| 8    | 1  |         | 1.231    | 0.192       | 1.231        | 1.039      | 0.000   |
| 8    | 2  |         | 1.051    | 0.192       | 1.051        | 0.859      | 0.000   |
| 8    | 3  |         | 0.744    | 0.211       | 0.744        | 0.533      | 0.000   |
| 9    | 1  |         | 0.546    | 0.019       | 0.546        | 0.527      | 0.000   |
| 9    | 2  |         | 0.462    | 0.019       | 0.462        | 0.444      | 0.000   |
| 9    | 3  |         | 0.460    | 0.019       | 0.460        | 0.441      | 0.000   |
| 10   | 1  |         | 0.558    | 0.019       | 0.558        | 0.539      | 0.000   |
| 10   | 2  |         | 0.479    | 0.019       | 0.479        | 0.460      | 0.000   |
| 10   | 3  |         | 0.529    | 0.021       | 0.529        | 0.508      | 0.000   |
| 11   | 1  |         | 0.477    | 0.166       | 0.477        | 0.311      | 0.000   |
| 11   | 2  |         | 0.559    | 0.166       | 0.559        | 0.393      | 0.000   |
| 11   | 3  |         | 0.710    | 0.166       | 0.710        | 0.544      | 0.000   |
| 12   | 1  |         | 0.898    | 0.295       | 0.898        | 0.603      | 0.000   |
| 12   | 2  |         | 0.625    | 0.295       | 0.625        | 0.330      | 0.000   |
| 12   | 3  |         | 0.618    | 0.325       | 0.618        | 0.293      | 0.000   |
| Tot  | al |         | 20.107   | 9.252       | 20.107       | 11.524     | 0.669   |

| 2000 |    | Semangus | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.392    | 0.211     | 0.392        | 0.181        | 0.000      |         |
| 1    | 2  |          | 0.778    | 0.211     | 0.778        | 0.567        | 0.000      |         |
| 1    | 3  |          | 0.831    | 0.233     | 0.831        | 0.599        | 0.000      |         |
| 2    | 1  |          | 0.599    | 0.234     | 0.599        | 0.365        | 0.000      |         |
| 2    | 2  |          | 0.496    | 0.234     | 0.496        | 0.263        | 0.000      |         |
| 2    | 3  |          | 0.385    | 0.187     | 0.385        | 0.198        | 0.000      |         |
| 3    | 1  |          | 0.379    | 0.211     | 0.379        | 0.167        | 0.000      |         |
| 3    | 2  |          | 0.338    | 0.211     | 0.338        | 0.126        | 0.000      |         |
| 3    | 3  |          | 0.339    | 0.233     | 0.339        | 0.107        | 0.000      |         |
| 4    | 1  |          | 0.269    | 0.265     | 0.269        | 0.039        | 0.035      |         |
| 4    | 2  |          | 0.240    | 0.265     | 0.240        | 0.039        | 0.064      |         |
| 4    | 3  |          | 0.260    | 0.265     | 0.260        | 0.039        | 0.044      |         |
| 5    | 1  |          | 0.334    | 0.257     | 0.334        | 0.077        | 0.000      |         |
| 5    | 2  |          | 0.300    | 0.257     | 0.300        | 0.043        | 0.000      |         |
| 5    | 3  |          | 0.261    | 0.282     | 0.261        | 0.043        | 0.064      |         |
| 6    | 1  |          | 0.281    | 0.265     | 0.281        | 0.039        | 0.023      |         |
| 6    | 2  |          | 0.317    | 0.265     | 0.317        | 0.052        | 0.000      |         |
| 6    | 3  |          | 0.377    | 0.265     | 0.377        | 0.112        | 0.000      |         |
| 7    | 1  |          | 0.456    | 0.257     | 0.456        | 0.199        | 0.000      |         |
| 7    | 2  |          | 0.494    | 0.257     | 0.494        | 0.237        | 0.000      |         |
| 7    | 3  |          | 0.586    | 0.282     | 0.586        | 0.304        | 0.000      |         |
| 8    | 1  |          | 0.946    | 0.229     | 0.946        | 0.717        | 0.000      |         |
| 8    | 2  |          | 0.840    | 0.229     | 0.840        | 0.611        | 0.000      |         |
| 8    | 3  |          | 0.715    | 0.252     | 0.715        | 0.463        | 0.000      |         |
| 9    | 1  |          | 0.570    | 0.006     | 0.570        | 0.564        | 0.000      |         |
| 9    | 2  |          | 0.500    | 0.006     | 0.500        | 0.494        | 0.000      |         |
| 9    | 3  |          | 0.497    | 0.006     | 0.497        | 0.492        | 0.000      |         |
| 10   | 1  |          | 0.569    | 0.006     | 0.569        | 0.563        | 0.000      |         |
| 10   | 2  |          | 0.505    | 0.006     | 0.505        | 0.499        | 0.000      |         |
| 10   | 3  |          | 0.546    | 0.006     | 0.546        | 0.540        | 0.000      |         |
| 11   | 1  |          | 0.477    | 0.195     | 0.477        | 0.282        | 0.000      |         |
| 11   | 2  |          | 0.519    | 0.195     | 0.519        | 0.325        | 0.000      |         |
| 11   | 3  |          | 0.546    | 0.195     | 0.546        | 0.351        | 0.000      |         |
| 12   | 1  |          | 0.613    | 0.211     | 0.613        | 0.401        | 0.000      |         |
| 12   | 2  |          | 0.512    | 0.211     | 0.512        | 0.301        | 0.000      |         |
| 12   | 3  |          | 0.489    | 0.233     | 0.489        | 0.256        | 0.000      |         |
| Tot  | al |          | 17.556   | 7.132     | 17.556       | 10.654       | 0.231      |         |
|      |    |          |          |           |              |              |            |         |
| 2000 |    | U.       | Lakitan  | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 0.542    | 0.315     | 0.542        | 0.227        | 0.000      |         |
| 1    | 2  |          | 1.246    | 0.315     | 1.246        | 0.931        | 0.000      |         |
| 1    | 3  |          | 0.864    | 0.347     | 0.864        | 0.517        | 0.000      |         |
| 2    | 1  |          | 0.697    | 0.348     | 0.697        | 0.350        | 0.000      |         |
| 2    | 2  |          | 0.558    | 0.348     | 0.558        | 0.210        | 0.000      |         |
| 2    | 3  |          | 0.434    | 0.278     | 0.434        | 0.156        | 0.000      |         |
| 3    | 1  |          | 0.430    | 0.315     | 0.430        | 0.115        | 0.000      |         |
| 3    | 2  |          | 0.392    | 0.315     | 0.392        | 0.077        | 0.000      |         |
| 3    | 3  |          | 0.426    | 0.347     | 0.426        | 0.079        | 0.000      |         |
| 4    | 1  |          | 0.319    | 0.393     | 0.319        | 0.046        | 0.120      |         |
| 4    | 2  |          | 0.299    | 0.393     | 0.299        | 0.046        | 0.140      |         |
| 4    | 3  |          | 0.366    | 0.393     | 0.366        | 0.046        | 0.073      |         |
| 5    | 1  |          | 0.480    | 0.380     | 0.480        | 0.100        | 0.000      |         |
| 5    | 2  |          | 0.373    | 0.380     | 0.373        | 0.046        | 0.053      |         |
| 5    | 3  |          | 0.316    | 0.418     | 0.316        | 0.051        | 0.153      |         |
| 6    | 1  |          | 0.373    | 0.393     | 0.373        | 0.046        | 0.066      |         |
| 6    | 2  |          | 0.406    | 0.393     | 0.406        | 0.046        | 0.033      |         |
| 6    | 3  |          | 0.513    | 0.393     | 0.513        | 0.121        | 0.000      |         |
| 7    | 1  |          | 0.640    | 0.380     | 0.640        | 0.260        | 0.000      |         |
| 7    | 2  |          | 0.699    | 0.380     | 0.699        | 0.319        | 0.000      |         |
| 7    | 3  |          | 0.855    | 0.418     | 0.855        | 0.436        | 0.000      |         |
| 8    | 1  |          | 1.554    | 0.157     | 1.554        | 1.397        | 0.000      |         |
| 8    | 2  |          | 0.951    | 0.157     | 0.951        | 0.794        | 0.000      |         |
| 8    | 3  |          | 0.752    | 0.173     | 0.752        | 0.579        | 0.000      |         |
| 9    | 1  |          | 0.616    | 0.008     | 0.616        | 0.608        | 0.000      |         |
| 9    | 2  |          | 0.524    | 0.008     | 0.524        | 0.516        | 0.000      |         |
| 9    | 3  |          | 0.580    | 0.008     | 0.580        | 0.571        | 0.000      |         |
| 10   | 1  |          | 0.699    | 0.008     | 0.699        | 0.690        | 0.000      |         |
| 10   | 2  |          | 0.583    | 0.008     | 0.583        | 0.575        | 0.000      |         |
| 10   | 3  |          | 0.686    | 0.009     | 0.686        | 0.677        | 0.000      |         |
| 11   | 1  |          | 0.584    | 0.135     | 0.584        | 0.449        | 0.000      |         |
| 11   | 2  |          | 0.661    | 0.135     | 0.661        | 0.526        | 0.000      |         |
| 11   | 3  |          | 0.731    | 0.135     | 0.731        | 0.596        | 0.000      |         |
| 12   | 1  |          | 0.879    | 0.315     | 0.879        | 0.564        | 0.000      |         |
| 12   | 2  |          | 0.592    | 0.315     | 0.592        | 0.277        | 0.000      |         |
| 12   | 3  |          | 0.572    | 0.347     | 0.572        | 0.226        | 0.000      |         |
| Tot  | al |          | 22.193   | 9.563     | 22.193       | 13.268       | 0.638      |         |

| 2000 | L. | Lakitan | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-----------|--------------|------------|---------|
| 1    | 1  |         | 0.389    | 0.038     | 0.642        | 0.351      | 0.000   |
| 1    | 2  |         | 1.196    | 0.038     | 1.449        | 1.158      | 0.000   |
| 1    | 3  |         | 0.793    | 0.041     | 1.072        | 0.751      | 0.000   |
| 2    | 1  |         | 0.563    | 0.041     | 0.843        | 0.522      | 0.000   |
| 2    | 2  |         | 0.399    | 0.041     | 0.679        | 0.358      | 0.000   |
| 2    | 3  |         | 0.303    | 0.033     | 0.527        | 0.270      | 0.000   |
| 3    | 1  |         | 0.268    | 0.038     | 0.521        | 0.230      | 0.000   |
| 3    | 2  |         | 0.220    | 0.038     | 0.474        | 0.182      | 0.000   |
| 3    | 3  |         | 0.230    | 0.041     | 0.509        | 0.189      | 0.000   |
| 4    | 1  |         | 0.165    | 0.046     | 0.385        | 0.119      | 0.000   |
| 4    | 2  |         | 0.154    | 0.046     | 0.358        | 0.109      | 0.000   |
| 4    | 3  |         | 0.174    | 0.046     | 0.432        | 0.129      | 0.000   |
| 5    | 1  |         | 0.259    | 0.044     | 0.565        | 0.215      | 0.000   |
| 5    | 2  |         | 0.186    | 0.044     | 0.449        | 0.142      | 0.000   |
| 5    | 3  |         | 0.169    | 0.049     | 0.383        | 0.120      | 0.000   |
| 6    | 1  |         | 0.181    | 0.046     | 0.444        | 0.136      | 0.000   |
| 6    | 2  |         | 0.197    | 0.046     | 0.486        | 0.151      | 0.000   |
| 6    | 3  |         | 0.292    | 0.046     | 0.608        | 0.247      | 0.000   |
| 7    | 1  |         | 0.448    | 0.044     | 0.754        | 0.404      | 0.000   |
| 7    | 2  |         | 0.517    | 0.044     | 0.823        | 0.473      | 0.000   |
| 7    | 3  |         | 0.671    | 0.049     | 1.007        | 0.622      | 0.000   |
| 8    | 1  |         | 1.667    | 0.037     | 1.795        | 1.631      | 0.000   |
| 8    | 2  |         | 1.034    | 0.037     | 1.161        | 0.997      | 0.000   |
| 8    | 3  |         | 0.785    | 0.040     | 0.925        | 0.745      | 0.000   |
| 9    | 1  |         | 0.745    | 0.006     | 0.753        | 0.739      | 0.000   |
| 9    | 2  |         | 0.635    | 0.006     | 0.644        | 0.630      | 0.000   |
| 9    | 3  |         | 0.691    | 0.006     | 0.700        | 0.686      | 0.000   |
| 10   | 1  |         | 0.829    | 0.006     | 0.837        | 0.823      | 0.000   |
| 10   | 2  |         | 0.699    | 0.006     | 0.707        | 0.693      | 0.000   |
| 10   | 3  |         | 0.811    | 0.006     | 0.820        | 0.805      | 0.000   |
| 11   | 1  |         | 0.592    | 0.032     | 0.702        | 0.560      | 0.000   |
| 11   | 2  |         | 0.680    | 0.032     | 0.790        | 0.648      | 0.000   |
| 11   | 3  |         | 0.757    | 0.032     | 0.867        | 0.725      | 0.000   |
| 12   | 1  |         | 0.784    | 0.038     | 1.038        | 0.747      | 0.000   |
| 12   | 2  |         | 0.467    | 0.038     | 0.721        | 0.430      | 0.000   |
| 12   | 3  |         | 0.415    | 0.041     | 0.694        | 0.374      | 0.000   |
| Tot  | al |         | 19.363   | 1.256     | 26.564       | 18.107     | 0.000   |
|      |    |         |          |           |              |            |         |
| 2000 |    | M. Musi | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |         | 5.267    | 0.072     | 6.964        | 5.195      | 0.000   |
| 1    | 2  |         | 8.495    | 0.072     | 10.333       | 8.423      | 0.000   |
| 1    | 3  |         | 7.142    | 0.079     | 8.957        | 7.062      | 0.000   |
| 2    | 1  |         | 5.094    | 0.079     | 6.789        | 5.014      | 0.000   |
| 2    | 2  |         | 3.446    | 0.079     | 5.039        | 3.366      | 0.000   |
| 2    | 3  |         | 2.394    | 0.063     | 3.658        | 2.330      | 0.000   |
| 3    | 1  |         | 1.610    | 0.072     | 2.986        | 1.538      | 0.000   |
| 3    | 2  |         | 1.424    | 0.072     | 2.795        | 1.352      | 0.000   |
| 3    | 3  |         | 1.661    | 0.079     | 3.203        | 1.582      | 0.000   |
| 4    | 1  |         | 1.782    | 0.089     | 3.291        | 1.693      | 0.000   |
| 4    | 2  |         | 1.981    | 0.089     | 3.412        | 1.892      | 0.000   |
| 4    | 3  |         | 3.555    | 0.089     | 5.144        | 3.466      | 0.000   |
| 5    | 1  |         | 1.989    | 0.086     | 3.684        | 1.902      | 0.000   |
| 5    | 2  |         | 2.052    | 0.086     | 3.668        | 1.965      | 0.000   |
| 5    | 3  |         | 1.381    | 0.095     | 2.844        | 1.285      | 0.000   |
| 6    | 1  |         | 2.044    | 0.089     | 3.628        | 1.955      | 0.000   |
| 6    | 2  |         | 2.055    | 0.089     | 3.680        | 1.966      | 0.000   |
| 6    | 3  |         | 2.192    | 0.089     | 3.950        | 2.103      | 0.000   |
| 7    | 1  |         | 2.648    | 0.086     | 4.379        | 2.562      | 0.000   |
| 7    | 2  |         | 2.502    | 0.086     | 4.255        | 2.416      | 0.000   |
| 7    | 3  |         | 3.402    | 0.095     | 5.316        | 3.307      | 0.000   |
| 8    | 1  |         | 6.845    | 0.070     | 8.464        | 6.775      | 0.000   |
| 8    | 2  |         | 4.794    | 0.070     | 6.166        | 4.724      | 0.000   |
| 8    | 3  |         | 2.906    | 0.077     | 4.301        | 2.829      | 0.000   |
| 9    | 1  |         | 3.121    | 0.004     | 3.343        | 3.116      | 0.000   |
| 9    | 2  |         | 2.743    | 0.004     | 2.950        | 2.739      | 0.000   |
| 9    | 3  |         | 3.022    | 0.004     | 3.262        | 3.018      | 0.000   |
| 10   | 1  |         | 3.367    | 0.004     | 3.610        | 3.362      | 0.000   |
| 10   | 2  |         | 3.093    | 0.004     | 3.320        | 3.089      | 0.000   |
| 10   | 3  |         | 3.758    | 0.005     | 4.036        | 3.753      | 0.000   |
| 11   | 1  |         | 3.151    | 0.060     | 4.284        | 3.090      | 0.000   |
| 11   | 2  |         | 5.066    | 0.060     | 6.315        | 5.005      | 0.000   |
| 11   | 3  |         | 5.778    | 0.060     | 7.239        | 5.717      | 0.000   |
| 12   | 1  |         | 5.158    | 0.072     | 6.680        | 5.086      | 0.000   |
| 12   | 2  |         | 5.356    | 0.072     | 6.988        | 5.284      | 0.000   |
| 12   | 3  |         | 5.682    | 0.079     | 7.499        | 5.602      | 0.000   |
| Tot  | al |         | 127.954  | 2.386     | 176.432      | 125.567    | 0.000   |

| 2000 |    | U. Rawas | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 0.485    | 0.242    | 0.485       | 0.243        | 0.000      |         |
| 1    | 2  | 0.852    | 0.242    | 0.852       | 0.610        | 0.000      |         |
| 1    | 3  | 1.787    | 0.267    | 1.787       | 1.520        | 0.000      |         |
| 2    | 1  | 1.033    | 0.268    | 1.033       | 0.765        | 0.000      |         |
| 2    | 2  | 0.979    | 0.268    | 0.979       | 0.711        | 0.000      |         |
| 2    | 3  | 1.610    | 0.214    | 1.610       | 1.396        | 0.000      |         |
| 3    | 1  | 1.413    | 0.242    | 1.413       | 1.170        | 0.000      |         |
| 3    | 2  | 1.327    | 0.242    | 1.327       | 1.085        | 0.000      |         |
| 3    | 3  | 1.804    | 0.267    | 1.804       | 1.537        | 0.000      |         |
| 4    | 1  | 1.345    | 0.302    | 1.345       | 1.042        | 0.000      |         |
| 4    | 2  | 1.181    | 0.302    | 1.181       | 0.878        | 0.000      |         |
| 4    | 3  | 1.797    | 0.302    | 1.797       | 1.495        | 0.000      |         |
| 5    | 1  | 1.812    | 0.293    | 1.812       | 1.519        | 0.000      |         |
| 5    | 2  | 2.018    | 0.293    | 2.018       | 1.725        | 0.000      |         |
| 5    | 3  | 1.646    | 0.322    | 1.646       | 1.324        | 0.000      |         |
| 6    | 1  | 2.546    | 0.302    | 2.546       | 2.244        | 0.000      |         |
| 6    | 2  | 1.561    | 0.302    | 1.561       | 1.258        | 0.000      |         |
| 6    | 3  | 1.625    | 0.302    | 1.625       | 1.322        | 0.000      |         |
| 7    | 1  | 1.219    | 0.293    | 1.219       | 0.926        | 0.000      |         |
| 7    | 2  | 1.007    | 0.293    | 1.007       | 0.714        | 0.000      |         |
| 7    | 3  | 0.994    | 0.322    | 0.994       | 0.672        | 0.000      |         |
| 8    | 1  | 1.639    | 0.236    | 1.639       | 1.403        | 0.000      |         |
| 8    | 2  | 1.383    | 0.236    | 1.383       | 1.148        | 0.000      |         |
| 8    | 3  | 3.080    | 0.259    | 3.080       | 2.821        | 0.000      |         |
| 9    | 1  | 1.905    | 0.005    | 1.905       | 1.900        | 0.000      |         |
| 9    | 2  | 1.125    | 0.005    | 1.125       | 1.120        | 0.000      |         |
| 9    | 3  | 0.960    | 0.005    | 0.960       | 0.955        | 0.000      |         |
| 10   | 1  | 0.863    | 0.005    | 0.863       | 0.858        | 0.000      |         |
| 10   | 2  | 0.865    | 0.005    | 0.865       | 0.860        | 0.000      |         |
| 10   | 3  | 1.113    | 0.005    | 1.113       | 1.108        | 0.000      |         |
| 11   | 1  | 0.880    | 0.201    | 0.880       | 0.679        | 0.000      |         |
| 11   | 2  | 0.682    | 0.201    | 0.682       | 0.481        | 0.000      |         |
| 11   | 3  | 0.641    | 0.201    | 0.641       | 0.439        | 0.000      |         |
| 12   | 1  | 0.651    | 0.242    | 0.651       | 0.409        | 0.000      |         |
| 12   | 2  | 0.723    | 0.242    | 0.723       | 0.481        | 0.000      |         |
| 12   | 3  | 0.772    | 0.267    | 0.772       | 0.506        | 0.000      |         |
| Tot  | al | 47.321   | 7.995    | 47.321      | 39.326       | 0.000      |         |

  

| 2000 |    | L. Rawas | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-------------|--------------|------------|---------|
| 1    | 1  | 1.821    | 0.174    | 2.016       | 1.647        | 0.000      |         |
| 1    | 2  | 1.730    | 0.174    | 1.924       | 1.556        | 0.000      |         |
| 1    | 3  | 2.657    | 0.191    | 2.871       | 2.465        | 0.000      |         |
| 2    | 1  | 1.590    | 0.192    | 1.805       | 1.398        | 0.000      |         |
| 2    | 2  | 1.414    | 0.192    | 1.629       | 1.222        | 0.000      |         |
| 2    | 3  | 1.991    | 0.154    | 2.163       | 1.837        | 0.000      |         |
| 3    | 1  | 1.781    | 0.174    | 1.976       | 1.607        | 0.000      |         |
| 3    | 2  | 1.652    | 0.174    | 1.847       | 1.478        | 0.000      |         |
| 3    | 3  | 2.170    | 0.191    | 2.385       | 1.979        | 0.000      |         |
| 4    | 1  | 1.764    | 0.219    | 2.007       | 1.545        | 0.000      |         |
| 4    | 2  | 1.971    | 0.219    | 2.214       | 1.751        | 0.000      |         |
| 4    | 3  | 3.588    | 0.219    | 3.831       | 3.369        | 0.000      |         |
| 5    | 1  | 3.156    | 0.212    | 3.391       | 2.944        | 0.000      |         |
| 5    | 2  | 2.815    | 0.212    | 3.051       | 2.603        | 0.000      |         |
| 5    | 3  | 2.272    | 0.234    | 2.530       | 2.038        | 0.000      |         |
| 6    | 1  | 3.044    | 0.219    | 3.287       | 2.825        | 0.000      |         |
| 6    | 2  | 1.959    | 0.219    | 2.202       | 1.740        | 0.000      |         |
| 6    | 3  | 1.919    | 0.219    | 2.162       | 1.700        | 0.000      |         |
| 7    | 1  | 1.452    | 0.212    | 1.687       | 1.240        | 0.000      |         |
| 7    | 2  | 1.178    | 0.212    | 1.413       | 0.966        | 0.000      |         |
| 7    | 3  | 1.127    | 0.234    | 1.386       | 0.894        | 0.000      |         |
| 8    | 1  | 1.842    | 0.174    | 2.031       | 1.668        | 0.000      |         |
| 8    | 2  | 1.576    | 0.174    | 1.765       | 1.401        | 0.000      |         |
| 8    | 3  | 3.257    | 0.192    | 3.465       | 3.065        | 0.000      |         |
| 9    | 1  | 2.245    | 0.005    | 2.250       | 2.240        | 0.000      |         |
| 9    | 2  | 1.400    | 0.005    | 1.404       | 1.395        | 0.000      |         |
| 9    | 3  | 1.199    | 0.005    | 1.204       | 1.194        | 0.000      |         |
| 10   | 1  | 1.079    | 0.005    | 1.084       | 1.074        | 0.000      |         |
| 10   | 2  | 1.057    | 0.005    | 1.061       | 1.051        | 0.000      |         |
| 10   | 3  | 1.321    | 0.006    | 1.326       | 1.315        | 0.000      |         |
| 11   | 1  | 0.887    | 0.147    | 1.049       | 0.740        | 0.000      |         |
| 11   | 2  | 0.656    | 0.147    | 0.818       | 0.509        | 0.000      |         |
| 11   | 3  | 0.597    | 0.147    | 0.758       | 0.449        | 0.000      |         |
| 12   | 1  | 0.560    | 0.174    | 0.755       | 0.386        | 0.000      |         |
| 12   | 2  | 0.619    | 0.174    | 0.814       | 0.445        | 0.000      |         |
| 12   | 3  | 0.645    | 0.191    | 0.860       | 0.454        | 0.000      |         |
| Tot  | al | 61.992   | 5.803    | 68.422      | 56.189       | 0.000      |         |

| 2000 |    | Harileko | Water R. | Water Use | Natural Flow | Comp. Flow   | Deficit    |         |
|------|----|----------|----------|-----------|--------------|--------------|------------|---------|
| 1    | 1  |          | 0.526    | 0.328     | 0.526        | 0.198        | 0.000      |         |
| 1    | 2  |          | 0.779    | 0.328     | 0.779        | 0.451        | 0.000      |         |
| 1    | 3  |          | 1.860    | 0.361     | 1.860        | 1.499        | 0.000      |         |
| 2    | 1  |          | 1.274    | 0.363     | 1.274        | 0.911        | 0.000      |         |
| 2    | 2  |          | 1.087    | 0.363     | 1.087        | 0.724        | 0.000      |         |
| 2    | 3  |          | 1.472    | 0.290     | 1.472        | 1.182        | 0.000      |         |
| 3    | 1  |          | 1.634    | 0.328     | 1.634        | 1.306        | 0.000      |         |
| 3    | 2  |          | 1.425    | 0.328     | 1.425        | 1.097        | 0.000      |         |
| 3    | 3  |          | 1.651    | 0.361     | 1.651        | 1.290        | 0.000      |         |
| 4    | 1  |          | 1.537    | 0.470     | 1.537        | 1.067        | 0.000      |         |
| 4    | 2  |          | 1.334    | 0.470     | 1.334        | 0.864        | 0.000      |         |
| 4    | 3  |          | 1.758    | 0.470     | 1.758        | 1.288        | 0.000      |         |
| 5    | 1  |          | 1.894    | 0.455     | 1.894        | 1.439        | 0.000      |         |
| 5    | 2  |          | 2.090    | 0.455     | 2.090        | 1.634        | 0.000      |         |
| 5    | 3  |          | 1.990    | 0.501     | 1.990        | 1.489        | 0.000      |         |
| 6    | 1  |          | 2.258    | 0.470     | 2.258        | 1.788        | 0.000      |         |
| 6    | 2  |          | 1.940    | 0.470     | 1.940        | 1.470        | 0.000      |         |
| 6    | 3  |          | 1.761    | 0.470     | 1.761        | 1.291        | 0.000      |         |
| 7    | 1  |          | 1.428    | 0.455     | 1.428        | 0.973        | 0.000      |         |
| 7    | 2  |          | 1.192    | 0.455     | 1.192        | 0.737        | 0.000      |         |
| 7    | 3  |          | 1.154    | 0.501     | 1.154        | 0.654        | 0.000      |         |
| 8    | 1  |          | 1.466    | 0.451     | 1.466        | 1.015        | 0.000      |         |
| 8    | 2  |          | 1.434    | 0.451     | 1.434        | 0.983        | 0.000      |         |
| 8    | 3  |          | 2.558    | 0.496     | 2.558        | 2.062        | 0.000      |         |
| 9    | 1  |          | 2.475    | 0.002     | 2.475        | 2.473        | 0.000      |         |
| 9    | 2  |          | 1.503    | 0.002     | 1.503        | 1.502        | 0.000      |         |
| 9    | 3  |          | 1.168    | 0.002     | 1.168        | 1.167        | 0.000      |         |
| 10   | 1  |          | 1.012    | 0.002     | 1.012        | 1.011        | 0.000      |         |
| 10   | 2  |          | 0.958    | 0.002     | 0.958        | 0.956        | 0.000      |         |
| 10   | 3  |          | 1.162    | 0.002     | 1.162        | 1.160        | 0.000      |         |
| 11   | 1  |          | 1.003    | 0.335     | 1.003        | 0.668        | 0.000      |         |
| 11   | 2  |          | 0.820    | 0.335     | 0.820        | 0.484        | 0.000      |         |
| 11   | 3  |          | 0.740    | 0.335     | 0.740        | 0.405        | 0.000      |         |
| 12   | 1  |          | 0.709    | 0.328     | 0.709        | 0.381        | 0.000      |         |
| 12   | 2  |          | 0.757    | 0.328     | 0.757        | 0.429        | 0.000      |         |
| 12   | 3  |          | 0.814    | 0.361     | 0.814        | 0.453        | 0.000      |         |
| Tot  | al |          | 50.624   | 12.125    | 50.624       | 38.500       | 0.000      |         |
|      |    |          |          |           |              |              |            |         |
| 2000 |    | U.       | Lematang | Water R.  | Water Use    | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          |          | 3.274     | 0.475        | 3.274        | 2.799      | 0.000   |
| 1    | 2  |          |          | 2.276     | 0.475        | 2.276        | 1.801      | 0.000   |
| 1    | 3  |          |          | 1.475     | 0.522        | 1.475        | 0.953      | 0.000   |
| 2    | 1  |          |          | 1.866     | 0.523        | 1.866        | 1.343      | 0.000   |
| 2    | 2  |          |          | 0.982     | 0.523        | 0.982        | 0.459      | 0.000   |
| 2    | 3  |          |          | 0.996     | 0.418        | 0.996        | 0.578      | 0.000   |
| 3    | 1  |          |          | 0.752     | 0.475        | 0.752        | 0.277      | 0.000   |
| 3    | 2  |          |          | 0.827     | 0.475        | 0.827        | 0.352      | 0.000   |
| 3    | 3  |          |          | 1.083     | 0.522        | 1.083        | 0.561      | 0.000   |
| 4    | 1  |          |          | 1.816     | 0.521        | 1.816        | 1.295      | 0.000   |
| 4    | 2  |          |          | 2.509     | 0.521        | 2.509        | 1.988      | 0.000   |
| 4    | 3  |          |          | 3.148     | 0.521        | 3.148        | 2.627      | 0.000   |
| 5    | 1  |          |          | 1.382     | 0.505        | 1.382        | 0.877      | 0.000   |
| 5    | 2  |          |          | 1.060     | 0.505        | 1.060        | 0.555      | 0.000   |
| 5    | 3  |          |          | 1.031     | 0.555        | 1.031        | 0.476      | 0.000   |
| 6    | 1  |          |          | 1.193     | 0.521        | 1.193        | 0.672      | 0.000   |
| 6    | 2  |          |          | 1.108     | 0.521        | 1.108        | 0.587      | 0.000   |
| 6    | 3  |          |          | 1.222     | 0.521        | 1.222        | 0.701      | 0.000   |
| 7    | 1  |          |          | 1.203     | 0.505        | 1.203        | 0.698      | 0.000   |
| 7    | 2  |          |          | 0.836     | 0.505        | 0.836        | 0.331      | 0.000   |
| 7    | 3  |          |          | 1.016     | 0.555        | 1.016        | 0.460      | 0.000   |
| 8    | 1  |          |          | 0.823     | 0.505        | 0.823        | 0.318      | 0.000   |
| 8    | 2  |          |          | 0.735     | 0.505        | 0.735        | 0.240      | 0.010   |
| 8    | 3  |          |          | 0.674     | 0.555        | 0.674        | 0.264      | 0.145   |
| 9    | 1  |          |          | 0.579     | 0.028        | 0.579        | 0.551      | 0.000   |
| 9    | 2  |          |          | 0.605     | 0.028        | 0.605        | 0.577      | 0.000   |
| 9    | 3  |          |          | 0.721     | 0.028        | 0.721        | 0.693      | 0.000   |
| 10   | 1  |          |          | 0.807     | 0.028        | 0.807        | 0.779      | 0.000   |
| 10   | 2  |          |          | 0.943     | 0.028        | 0.943        | 0.915      | 0.000   |
| 10   | 3  |          |          | 1.331     | 0.031        | 1.331        | 1.300      | 0.000   |
| 11   | 1  |          |          | 1.026     | 0.490        | 1.026        | 0.537      | 0.000   |
| 11   | 2  |          |          | 1.281     | 0.490        | 1.281        | 0.791      | 0.000   |
| 11   | 3  |          |          | 1.256     | 0.490        | 1.256        | 0.766      | 0.000   |
| 12   | 1  |          |          | 1.123     | 0.475        | 1.123        | 0.648      | 0.000   |
| 12   | 2  |          |          | 1.506     | 0.475        | 1.506        | 1.031      | 0.000   |
| 12   | 3  |          |          | 1.014     | 0.522        | 1.014        | 0.492      | 0.000   |
| Tot  | al |          |          | 45.480    | 15.340       | 45.480       | 30.294     | 0.155   |

| 2000 | L. | Lematang | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------|----------|-----------|--------------|------------|---------|
| 1    | 1  |          | 5.381    | 0.420     | 5.767        | 4.962      | 0.000   |
| 1    | 2  |          | 4.415    | 0.420     | 4.800        | 3.995      | 0.000   |
| 1    | 3  |          | 3.267    | 0.462     | 3.691        | 2.805      | 0.000   |
| 2    | 1  |          | 3.235    | 0.464     | 3.659        | 2.771      | 0.000   |
| 2    | 2  |          | 1.969    | 0.464     | 2.393        | 1.505      | 0.000   |
| 2    | 3  |          | 1.682    | 0.371     | 2.021        | 1.311      | 0.000   |
| 3    | 1  |          | 1.359    | 0.420     | 1.744        | 0.939      | 0.000   |
| 3    | 2  |          | 1.315    | 0.420     | 1.701        | 0.895      | 0.000   |
| 3    | 3  |          | 1.645    | 0.462     | 2.069        | 1.184      | 0.000   |
| 4    | 1  |          | 2.653    | 0.566     | 3.076        | 2.088      | 0.000   |
| 4    | 2  |          | 3.517    | 0.566     | 3.940        | 2.952      | 0.000   |
| 4    | 3  |          | 4.627    | 0.566     | 5.049        | 4.061      | 0.000   |
| 5    | 1  |          | 2.962    | 0.548     | 3.372        | 2.415      | 0.000   |
| 5    | 2  |          | 2.212    | 0.548     | 2.622        | 1.665      | 0.000   |
| 5    | 3  |          | 1.826    | 0.602     | 2.277        | 1.224      | 0.000   |
| 6    | 1  |          | 1.756    | 0.566     | 2.178        | 1.191      | 0.000   |
| 6    | 2  |          | 1.570    | 0.566     | 1.993        | 1.005      | 0.000   |
| 6    | 3  |          | 1.634    | 0.566     | 2.056        | 1.068      | 0.000   |
| 7    | 1  |          | 1.650    | 0.548     | 2.060        | 1.103      | 0.000   |
| 7    | 2  |          | 1.240    | 0.548     | 1.649        | 0.692      | 0.000   |
| 7    | 3  |          | 1.635    | 0.602     | 2.085        | 1.032      | 0.000   |
| 8    | 1  |          | 1.305    | 0.548     | 1.714        | 0.757      | 0.000   |
| 8    | 2  |          | 1.197    | 0.548     | 1.598        | 0.649      | 0.000   |
| 8    | 3  |          | 1.129    | 0.602     | 1.464        | 0.527      | 0.000   |
| 9    | 1  |          | 1.171    | 0.009     | 1.199        | 1.161      | 0.000   |
| 9    | 2  |          | 1.132    | 0.009     | 1.160        | 1.123      | 0.000   |
| 9    | 3  |          | 1.205    | 0.009     | 1.234        | 1.196      | 0.000   |
| 10   | 1  |          | 1.250    | 0.009     | 1.278        | 1.241      | 0.000   |
| 10   | 2  |          | 1.377    | 0.009     | 1.405        | 1.367      | 0.000   |
| 10   | 3  |          | 1.865    | 0.010     | 1.896        | 1.855      | 0.000   |
| 11   | 1  |          | 1.100    | 0.433     | 1.497        | 0.666      | 0.000   |
| 11   | 2  |          | 1.379    | 0.433     | 1.777        | 0.946      | 0.000   |
| 11   | 3  |          | 1.322    | 0.433     | 1.719        | 0.889      | 0.000   |
| 12   | 1  |          | 1.102    | 0.420     | 1.487        | 0.682      | 0.000   |
| 12   | 2  |          | 1.556    | 0.420     | 1.941        | 1.136      | 0.000   |
| 12   | 3  |          | 1.108    | 0.462     | 1.532        | 0.646      | 0.000   |
| Tot  | al |          | 70.747   | 15.047    | 83.101       | 55.701     | 0.000   |
|      |    |          |          |           |              |            |         |
| 2000 |    | U. Ogan  | Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
| 1    | 1  |          | 2.963    | 0.354     | 2.963        | 2.609      | 0.000   |
| 1    | 2  |          | 2.635    | 0.354     | 2.635        | 2.281      | 0.000   |
| 1    | 3  |          | 2.587    | 0.390     | 2.587        | 2.197      | 0.000   |
| 2    | 1  |          | 2.411    | 0.388     | 2.411        | 2.023      | 0.000   |
| 2    | 2  |          | 2.020    | 0.388     | 2.020        | 1.632      | 0.000   |
| 2    | 3  |          | 1.338    | 0.311     | 1.338        | 1.028      | 0.000   |
| 3    | 1  |          | 1.055    | 0.354     | 1.055        | 0.701      | 0.000   |
| 3    | 2  |          | 0.900    | 0.354     | 0.900        | 0.546      | 0.000   |
| 3    | 3  |          | 1.129    | 0.390     | 1.129        | 0.740      | 0.000   |
| 4    | 1  |          | 1.544    | 0.379     | 1.544        | 1.164      | 0.000   |
| 4    | 2  |          | 2.047    | 0.379     | 2.047        | 1.667      | 0.000   |
| 4    | 3  |          | 2.803    | 0.379     | 2.803        | 2.423      | 0.000   |
| 5    | 1  |          | 2.511    | 0.368     | 2.511        | 2.143      | 0.000   |
| 5    | 2  |          | 1.784    | 0.368     | 1.784        | 1.416      | 0.000   |
| 5    | 3  |          | 1.335    | 0.405     | 1.335        | 0.930      | 0.000   |
| 6    | 1  |          | 1.180    | 0.379     | 1.180        | 0.800      | 0.000   |
| 6    | 2  |          | 1.073    | 0.379     | 1.073        | 0.694      | 0.000   |
| 6    | 3  |          | 1.064    | 0.379     | 1.064        | 0.685      | 0.000   |
| 7    | 1  |          | 1.064    | 0.368     | 1.064        | 0.696      | 0.000   |
| 7    | 2  |          | 0.891    | 0.368     | 0.891        | 0.523      | 0.000   |
| 7    | 3  |          | 0.987    | 0.405     | 0.987        | 0.582      | 0.000   |
| 8    | 1  |          | 0.807    | 0.105     | 0.807        | 0.701      | 0.000   |
| 8    | 2  |          | 0.850    | 0.105     | 0.850        | 0.745      | 0.000   |
| 8    | 3  |          | 0.696    | 0.116     | 0.696        | 0.581      | 0.000   |
| 9    | 1  |          | 0.553    | 0.037     | 0.553        | 0.516      | 0.000   |
| 9    | 2  |          | 0.503    | 0.037     | 0.503        | 0.465      | 0.000   |
| 9    | 3  |          | 0.467    | 0.037     | 0.467        | 0.430      | 0.000   |
| 10   | 1  |          | 0.441    | 0.037     | 0.441        | 0.404      | 0.000   |
| 10   | 2  |          | 0.502    | 0.037     | 0.502        | 0.465      | 0.000   |
| 10   | 3  |          | 0.751    | 0.041     | 0.751        | 0.710      | 0.000   |
| 11   | 1  |          | 0.818    | 0.141     | 0.818        | 0.677      | 0.000   |
| 11   | 2  |          | 1.493    | 0.141     | 1.493        | 1.352      | 0.000   |
| 11   | 3  |          | 1.564    | 0.141     | 1.564        | 1.424      | 0.000   |
| 12   | 1  |          | 0.865    | 0.354     | 0.865        | 0.511      | 0.000   |
| 12   | 2  |          | 1.234    | 0.354     | 1.234        | 0.879      | 0.000   |
| 12   | 3  |          | 1.519    | 0.390     | 1.519        | 1.129      | 0.000   |
| Tot  | al |          | 48.385   | 9.918     | 48.385       | 38.467     | 0.000   |



| 2000 |    | L. Ogan | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|---------|----------|-------------|--------------|------------|---------|
| 1    | 1  |         | 5.011    | 0.586       | 5.302        | 4.425      | 0.000   |
| 1    | 2  |         | 4.561    | 0.586       | 4.852        | 3.976      | 0.000   |
| 1    | 3  |         | 4.020    | 0.644       | 4.340        | 3.375      | 0.000   |
| 2    | 1  |         | 3.422    | 0.647       | 3.740        | 2.775      | 0.000   |
| 2    | 2  |         | 2.847    | 0.647       | 3.165        | 2.199      | 0.000   |
| 2    | 3  |         | 1.981    | 0.518       | 2.235        | 1.463      | 0.000   |
| 3    | 1  |         | 1.596    | 0.586       | 1.887        | 1.010      | 0.000   |
| 3    | 2  |         | 1.319    | 0.586       | 1.610        | 0.733      | 0.000   |
| 3    | 3  |         | 1.506    | 0.644       | 1.826        | 0.862      | 0.000   |
| 4    | 1  |         | 1.963    | 0.163       | 2.274        | 1.800      | 0.000   |
| 4    | 2  |         | 2.506    | 0.163       | 2.817        | 2.344      | 0.000   |
| 4    | 3  |         | 3.610    | 0.163       | 3.921        | 3.448      | 0.000   |
| 5    | 1  |         | 3.391    | 0.158       | 3.694        | 3.234      | 0.000   |
| 5    | 2  |         | 2.489    | 0.158       | 2.792        | 2.332      | 0.000   |
| 5    | 3  |         | 1.865    | 0.174       | 2.197        | 1.691      | 0.000   |
| 6    | 1  |         | 1.602    | 0.163       | 1.913        | 1.439      | 0.000   |
| 6    | 2  |         | 1.482    | 0.163       | 1.793        | 1.319      | 0.000   |
| 6    | 3  |         | 1.434    | 0.163       | 1.744        | 1.271      | 0.000   |
| 7    | 1  |         | 1.415    | 0.158       | 1.717        | 1.258      | 0.000   |
| 7    | 2  |         | 1.136    | 0.158       | 1.438        | 0.978      | 0.000   |
| 7    | 3  |         | 1.176    | 0.174       | 1.508        | 1.002      | 0.000   |
| 8    | 1  |         | 1.146    | 0.122       | 1.237        | 1.024      | 0.000   |
| 8    | 2  |         | 1.188    | 0.122       | 1.279        | 1.066      | 0.000   |
| 8    | 3  |         | 0.969    | 0.134       | 1.070        | 0.835      | 0.000   |
| 9    | 1  |         | 0.804    | 0.009       | 0.841        | 0.795      | 0.000   |
| 9    | 2  |         | 0.725    | 0.009       | 0.762        | 0.716      | 0.000   |
| 9    | 3  |         | 0.720    | 0.009       | 0.757        | 0.711      | 0.000   |
| 10   | 1  |         | 0.740    | 0.009       | 0.777        | 0.731      | 0.000   |
| 10   | 2  |         | 0.924    | 0.009       | 0.961        | 0.915      | 0.000   |
| 10   | 3  |         | 1.676    | 0.010       | 1.717        | 1.665      | 0.000   |
| 11   | 1  |         | 1.835    | 0.574       | 1.955        | 1.261      | 0.000   |
| 11   | 2  |         | 2.430    | 0.574       | 2.550        | 1.856      | 0.000   |
| 11   | 3  |         | 2.477    | 0.574       | 2.597        | 1.903      | 0.000   |
| 12   | 1  |         | 1.470    | 0.586       | 1.761        | 0.884      | 0.000   |
| 12   | 2  |         | 2.219    | 0.586       | 2.510        | 1.634      | 0.000   |
| 12   | 3  |         | 2.714    | 0.644       | 3.034        | 2.069      | 0.000   |
| Tot  | al |         | 72.371   | 11.371      | 80.576       | 60.999     | 0.000   |

  

| 2000 |    | U. Komering | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|-------------|----------|-------------|--------------|------------|---------|
| 1    | 1  |             | 2.911    | 0.884       | 2.911        | 2.027      | 0.000   |
| 1    | 2  |             | 4.949    | 0.884       | 4.949        | 4.065      | 0.000   |
| 1    | 3  |             | 5.482    | 0.972       | 5.482        | 4.510      | 0.000   |
| 2    | 1  |             | 4.702    | 0.973       | 4.702        | 3.729      | 0.000   |
| 2    | 2  |             | 3.453    | 0.973       | 3.453        | 2.480      | 0.000   |
| 2    | 3  |             | 2.500    | 0.778       | 2.500        | 1.722      | 0.000   |
| 3    | 1  |             | 1.851    | 0.884       | 1.851        | 0.968      | 0.000   |
| 3    | 2  |             | 1.595    | 0.884       | 1.595        | 0.712      | 0.000   |
| 3    | 3  |             | 1.718    | 0.972       | 1.718        | 0.746      | 0.000   |
| 4    | 1  |             | 2.034    | 1.094       | 2.034        | 0.940      | 0.000   |
| 4    | 2  |             | 1.974    | 1.094       | 1.974        | 0.880      | 0.000   |
| 4    | 3  |             | 2.962    | 1.094       | 2.962        | 1.868      | 0.000   |
| 5    | 1  |             | 2.446    | 1.060       | 2.446        | 1.386      | 0.000   |
| 5    | 2  |             | 2.018    | 1.060       | 2.018        | 0.958      | 0.000   |
| 5    | 3  |             | 1.644    | 1.166       | 1.644        | 0.478      | 0.000   |
| 6    | 1  |             | 1.662    | 1.094       | 1.662        | 0.569      | 0.000   |
| 6    | 2  |             | 1.543    | 1.094       | 1.543        | 0.449      | 0.000   |
| 6    | 3  |             | 1.804    | 1.094       | 1.804        | 0.710      | 0.000   |
| 7    | 1  |             | 2.018    | 1.060       | 2.018        | 0.957      | 0.000   |
| 7    | 2  |             | 1.656    | 1.060       | 1.656        | 0.595      | 0.000   |
| 7    | 3  |             | 1.750    | 1.166       | 1.750        | 0.583      | 0.000   |
| 8    | 1  |             | 2.335    | 0.053       | 2.335        | 2.282      | 0.000   |
| 8    | 2  |             | 3.186    | 0.053       | 3.186        | 3.133      | 0.000   |
| 8    | 3  |             | 2.014    | 0.058       | 2.014        | 1.956      | 0.000   |
| 9    | 1  |             | 1.443    | 0.053       | 1.443        | 1.390      | 0.000   |
| 9    | 2  |             | 1.195    | 0.053       | 1.195        | 1.142      | 0.000   |
| 9    | 3  |             | 1.112    | 0.053       | 1.112        | 1.060      | 0.000   |
| 10   | 1  |             | 1.168    | 0.053       | 1.168        | 1.116      | 0.000   |
| 10   | 2  |             | 1.062    | 0.053       | 1.062        | 1.009      | 0.000   |
| 10   | 3  |             | 1.298    | 0.058       | 1.298        | 1.241      | 0.000   |
| 11   | 1  |             | 1.384    | 0.053       | 1.384        | 1.332      | 0.000   |
| 11   | 2  |             | 3.178    | 0.053       | 3.178        | 3.125      | 0.000   |
| 11   | 3  |             | 4.742    | 0.053       | 4.742        | 4.690      | 0.000   |
| 12   | 1  |             | 2.902    | 0.884       | 2.902        | 2.018      | 0.000   |
| 12   | 2  |             | 3.889    | 0.884       | 3.889        | 3.006      | 0.000   |
| 12   | 3  |             | 4.496    | 0.972       | 4.496        | 3.524      | 0.000   |
| Tot  | al |             | 88.077   | 24.720      | 88.077       | 63.357     | 0.000   |

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| 2000 | L. | Komering<br>Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-------------|--------------|------------|---------|
| 1    | 1  | 6.227                | 0.964       | 7.011        | 5.263      | 0.000   |
| 1    | 2  | 7.729                | 0.964       | 8.512        | 6.764      | 0.000   |
| 1    | 3  | 8.346                | 1.061       | 9.209        | 7.286      | 0.000   |
| 2    | 1  | 6.963                | 1.063       | 7.825        | 5.900      | 0.000   |
| 2    | 2  | 5.338                | 1.063       | 6.201        | 4.275      | 0.000   |
| 2    | 3  | 3.948                | 0.851       | 4.638        | 3.097      | 0.000   |
| 3    | 1  | 2.922                | 0.964       | 3.706        | 1.958      | 0.000   |
| 3    | 2  | 2.379                | 0.964       | 3.163        | 1.415      | 0.000   |
| 3    | 3  | 2.646                | 1.061       | 3.508        | 1.585      | 0.000   |
| 4    | 1  | 3.285                | 1.295       | 4.253        | 1.989      | 0.000   |
| 4    | 2  | 4.120                | 1.295       | 5.089        | 2.825      | 0.000   |
| 4    | 3  | 5.823                | 1.295       | 6.792        | 4.527      | 0.000   |
| 5    | 1  | 5.367                | 1.255       | 6.306        | 4.112      | 0.000   |
| 5    | 2  | 4.138                | 1.255       | 5.078        | 2.883      | 0.000   |
| 5    | 3  | 2.856                | 1.380       | 3.889        | 1.476      | 0.000   |
| 6    | 1  | 2.522                | 1.295       | 3.490        | 1.226      | 0.000   |
| 6    | 2  | 2.236                | 1.295       | 3.205        | 0.940      | 0.000   |
| 6    | 3  | 2.613                | 1.295       | 3.582        | 1.318      | 0.000   |
| 7    | 1  | 2.916                | 1.255       | 3.856        | 1.661      | 0.000   |
| 7    | 2  | 2.287                | 1.255       | 3.227        | 1.032      | 0.000   |
| 7    | 3  | 2.236                | 1.380       | 3.269        | 0.856      | 0.000   |
| 8    | 1  | 3.644                | 1.003       | 3.697        | 2.641      | 0.000   |
| 8    | 2  | 4.476                | 1.003       | 4.528        | 3.472      | 0.000   |
| 8    | 3  | 3.169                | 1.104       | 3.226        | 2.065      | 0.000   |
| 9    | 1  | 2.337                | 0.041       | 2.389        | 2.296      | 0.000   |
| 9    | 2  | 1.994                | 0.041       | 2.046        | 1.953      | 0.000   |
| 9    | 3  | 1.860                | 0.041       | 1.913        | 1.819      | 0.000   |
| 10   | 1  | 1.943                | 0.041       | 1.995        | 1.902      | 0.000   |
| 10   | 2  | 1.938                | 0.041       | 1.991        | 1.897      | 0.000   |
| 10   | 3  | 3.048                | 0.045       | 3.106        | 3.003      | 0.000   |
| 11   | 1  | 4.522                | 0.781       | 4.575        | 3.741      | 0.000   |
| 11   | 2  | 7.758                | 0.781       | 7.811        | 6.978      | 0.000   |
| 11   | 3  | 8.952                | 0.781       | 9.004        | 8.171      | 0.000   |
| 12   | 1  | 5.365                | 0.964       | 6.149        | 4.401      | 0.000   |
| 12   | 2  | 7.309                | 0.964       | 8.092        | 6.344      | 0.000   |
| 12   | 3  | 8.701                | 1.061       | 9.563        | 7.640      | 0.000   |
| Tot  | al | 153.913              | 33.201      | 175.897      | 120.712    | 0.000   |

| 2000 | L. Musi | Water R. | • Water Use | Natural Flow | Comp. Flow | Deficit |
|------|---------|----------|-------------|--------------|------------|---------|
| 1    | 1       | 25.627   | 0.914       | 30.918       | 24.713     | 0.000   |
| 1    | 2       | 28.500   | 0.914       | 33.932       | 27.586     | 0.000   |
| 1    | 3       | 27.501   | 1.005       | 33.271       | 26.496     | 0.000   |
| 2    | 1       | 21.347   | 0.980       | 27.002       | 20.368     | 0.000   |
| 2    | 2       | 15.605   | 0.980       | 21.157       | 14.625     | 0.000   |
| 2    | 3       | 13.060   | 0.784       | 17.492       | 12.277     | 0.000   |
| 3    | 1       | 10.220   | 0.914       | 15.191       | 9.306      | 0.000   |
| 3    | 2       | 8.696    | 0.914       | 13.662       | 7.783      | 0.000   |
| 3    | 3       | 10.289   | 1.005       | 15.786       | 9.284      | 0.000   |
| 4    | 1       | 12.073   | 1.168       | 17.627       | 10.906     | 0.000   |
| 4    | 2       | 14.866   | 1.168       | 20.341       | 13.699     | 0.000   |
| 4    | 3       | 23.713   | 1.168       | 29.347       | 22.545     | 0.000   |
| 5    | 1       | 19.246   | 1.139       | 24.862       | 18.107     | 0.000   |
| 5    | 2       | 15.551   | 1.139       | 21.088       | 14.412     | 0.000   |
| 5    | 3       | 11.524   | 1.253       | 17.299       | 10.270     | 0.000   |
| 6    | 1       | 12.439   | 1.168       | 18.067       | 11.271     | 0.000   |
| 6    | 2       | 10.397   | 1.168       | 16.067       | 9.230      | 0.000   |
| 6    | 3       | 10.647   | 1.168       | 16.450       | 9.480      | 0.000   |
| 7    | 1       | 10.633   | 1.139       | 16.284       | 9.494      | 0.000   |
| 7    | 2       | 8.509    | 1.139       | 14.182       | 7.370      | 0.000   |
| 7    | 3       | 9.504    | 1.253       | 15.731       | 8.251      | 0.000   |
| 8    | 1       | 15.469   | 1.128       | 19.587       | 14.341     | 0.000   |
| 8    | 2       | 13.823   | 1.128       | 17.687       | 12.695     | 0.000   |
| 8    | 3       | 12.880   | 1.241       | 16.908       | 11.639     | 0.000   |
| 9    | 1       | 12.736   | 0.298       | 13.152       | 12.438     | 0.000   |
| 9    | 2       | 10.007   | 0.298       | 10.406       | 9.708      | 0.000   |
| 9    | 3       | 9.699    | 0.298       | 10.131       | 9.400      | 0.000   |
| 10   | 1       | 9.950    | 0.298       | 10.387       | 9.652      | 0.000   |
| 10   | 2       | 9.982    | 0.298       | 10.402       | 9.683      | 0.000   |
| 10   | 3       | 14.104   | 0.328       | 14.594       | 13.775     | 0.000   |
| 11   | 1       | 11.975   | 0.925       | 15.606       | 11.051     | 0.000   |
| 11   | 2       | 17.386   | 0.925       | 21.132       | 16.461     | 0.000   |
| 11   | 3       | 19.109   | 0.925       | 23.067       | 18.184     | 0.000   |
| 12   | 1       | 13.328   | 0.914       | 18.444       | 12.415     | 0.000   |
| 12   | 2       | 17.204   | 0.914       | 22.430       | 16.290     | 0.000   |
| 12   | 3       | 18.919   | 1.005       | 24.690       | 17.914     | 0.000   |
| Tot  | al      | 526.520  | 33.401      | 684.380      | 493.119    | 0.000   |

| 2000 | Mu | si Mouth<br>Water R. | Water Use | Natural Flow | Comp. Flow | Deficit |
|------|----|----------------------|-----------|--------------|------------|---------|
| 1    | 1  | 29.233               | 0.491     | 35.438       | 28.839     | 0.000   |
| 1    | 2  | 32.070               | 0.491     | 38.416       | 31.676     | 0.000   |
| 1    | 3  | 30.719               | 0.540     | 37.494       | 30.285     | 0.000   |
| 2    | 1  | 24.727               | 0.543     | 31.361       | 24.291     | 0.000   |
| 2    | 2  | 17.881               | 0.543     | 24.413       | 17.446     | 0.000   |
| 2    | 3  | 14.576               | 0.434     | 19.791       | 14.228     | 0.000   |
| 3    | 1  | 11.476               | 0.491     | 17.361       | 11.082     | 0.000   |
| 3    | 2  | 10.016               | 0.491     | 15.896       | 9.622      | 0.000   |
| 3    | 3  | 12.405               | 0.540     | 18.907       | 11.972     | 0.000   |
| 4    | 1  | 14.265               | 0.705     | 20.986       | 13.700     | 0.000   |
| 4    | 2  | 17.973               | 0.705     | 24.616       | 17.408     | 0.000   |
| 4    | 3  | 29.818               | 0.705     | 36.620       | 29.253     | 0.000   |
| 5    | 1  | 23.837               | 0.683     | 30.592       | 23.290     | 0.000   |
| 5    | 2  | 18.261               | 0.683     | 24.937       | 17.713     | 0.000   |
| 5    | 3  | 13.338               | 0.751     | 20.366       | 12.736     | 0.000   |
| 6    | 1  | 13.698               | 0.705     | 20.493       | 13.132     | 0.000   |
| 6    | 2  | 11.451               | 0.705     | 18.288       | 10.885     | 0.000   |
| 6    | 3  | 11.904               | 0.705     | 18.875       | 11.339     | 0.000   |
| 7    | 1  | 11.803               | 0.683     | 18.592       | 11.255     | 0.000   |
| 7    | 2  | 9.518                | 0.683     | 16.331       | 8.971      | 0.000   |
| 7    | 3  | 10.287               | 0.751     | 17.767       | 9.685      | 0.000   |
| 8    | 1  | 16.595               | 0.671     | 21.841       | 16.056     | 0.000   |
| 8    | 2  | 14.999               | 0.671     | 19.991       | 14.461     | 0.000   |
| 8    | 3  | 13.771               | 0.738     | 19.040       | 13.179     | 0.000   |
| 9    | 1  | 14.204               | 0.007     | 14.918       | 14.198     | 0.000   |
| 9    | 2  | 11.480               | 0.007     | 12.178       | 11.474     | 0.000   |
| 9    | 3  | 11.885               | 0.007     | 12.616       | 11.878     | 0.000   |
| 10   | 1  | 14.572               | 0.007     | 15.308       | 14.566     | 0.000   |
| 10   | 2  | 13.258               | 0.007     | 13.976       | 13.251     | 0.000   |
| 10   | 3  | 21.526               | 0.007     | 22.345       | 21.519     | 0.000   |
| 11   | 1  | 20.551               | 0.497     | 25.106       | 20.152     | 0.000   |
| 11   | 2  | 25.398               | 0.497     | 30.068       | 24.998     | 0.000   |
| 11   | 3  | 26.532               | 0.497     | 31.415       | 26.133     | 0.000   |
| 12   | 1  | 18.636               | 0.491     | 24.665       | 18.242     | 0.000   |
| 12   | 2  | 25.152               | 0.491     | 31.292       | 24.758     | 0.000   |
| 12   | 3  | 25.948               | 0.540     | 32.725       | 25.515     | 0.000   |
| Tot  | al | 643.764              | 18.159    | 835.025      | 629.187    | 0.000   |