

(8) 水質（出水時調査）

1) 観測目的

ダム撤去により環境が変化すると予測されるダム上下流において、出水時の水の濁り等の現在の発生状況を把握することを目的とする。

2) 観測項目

次の4つの項目について採水後に室内分析する。①濁度、②SS、③DO、④粒度組成

3) 観測時期・頻度

平成25年4月～平成26年3月の期間において、出水時に2回実施する。今年度は平成25年6月25日19時～26日18時、平成25年10月25日12時～19時に実施した。

4) 観測方法

各観測項目の観測方式及び測定範囲を下表に示す。

| 調査区分 | 調査項目 | 測定・分析方法                                                                         |
|------|------|---------------------------------------------------------------------------------|
| 室内分析 | 濁度   | 積分球式（カオリン校正）                                                                    |
|      | SS   | JIS-K0102                                                                       |
|      | DO   | JIS-K0102                                                                       |
|      | 粒度組成 | レーザ回折・散乱光式<br>・測定範囲：0.020～2,000 $\mu\text{m}$<br>・使用溶剤：水（分散剤は使用なし）<br>・超音波分散：1分 |

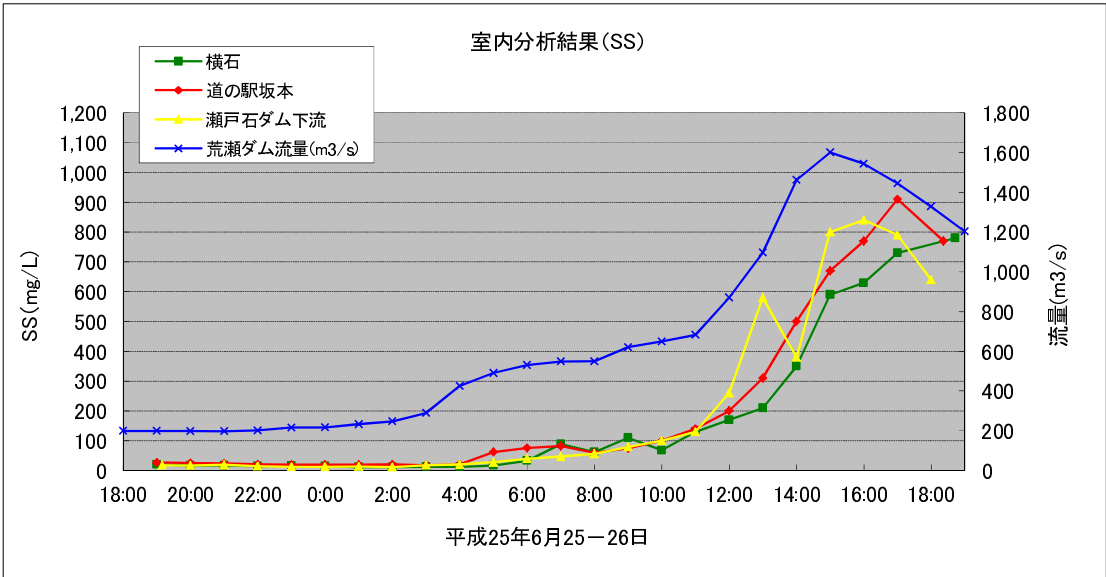
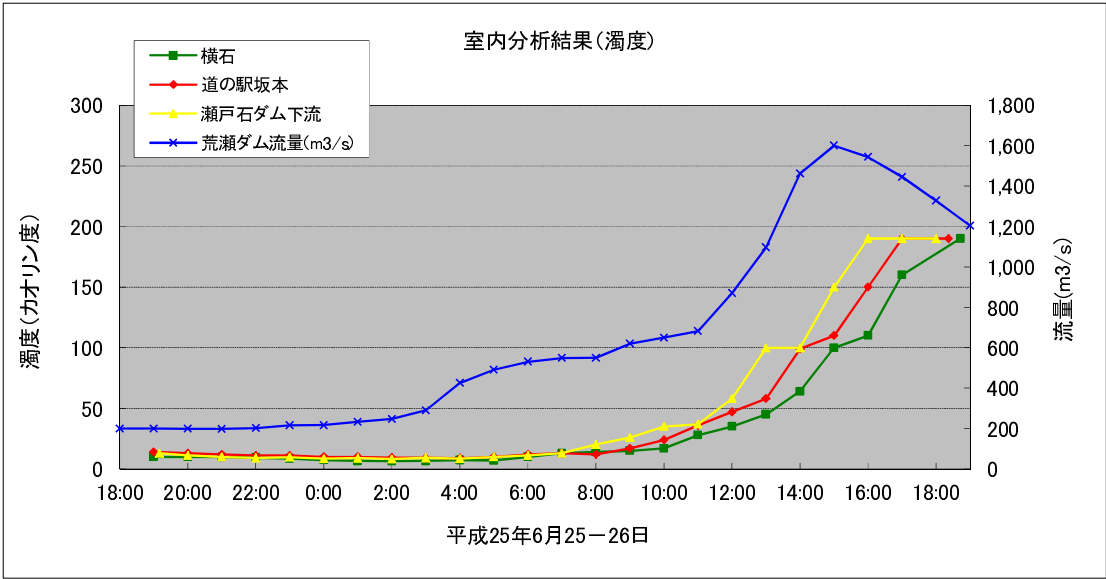
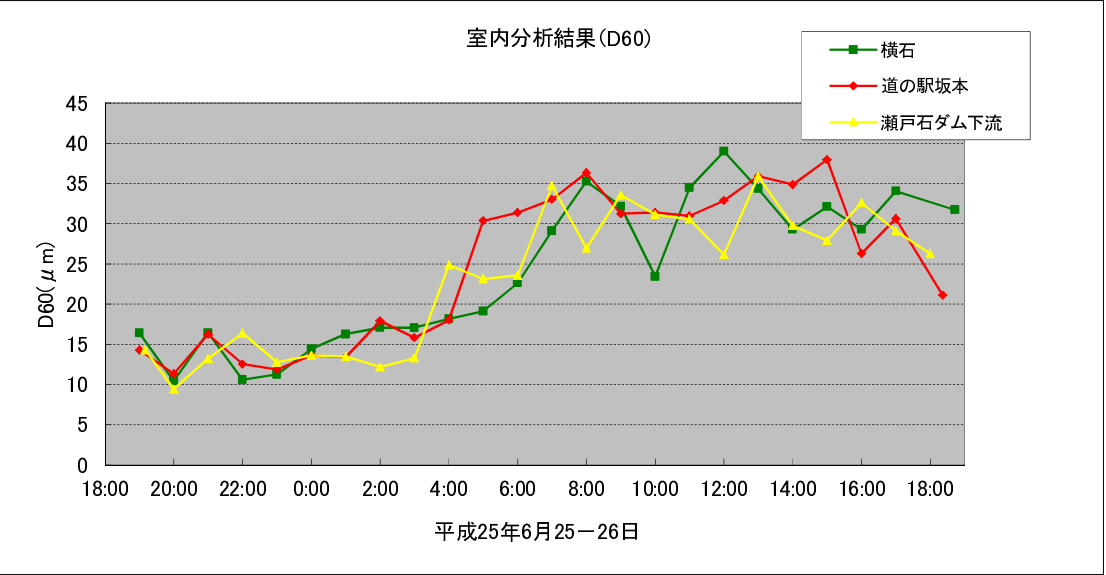
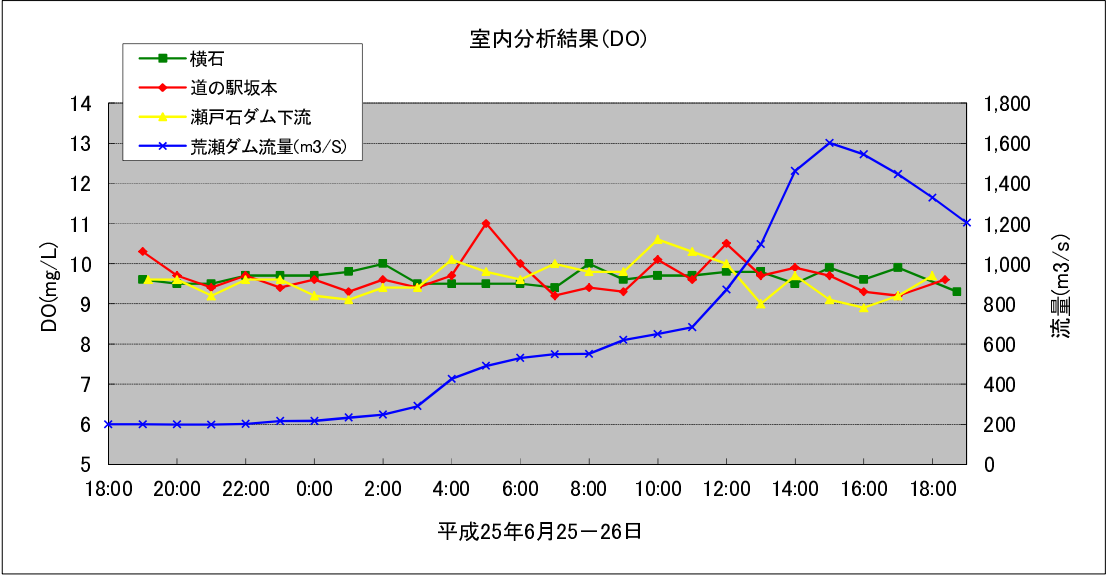
5) 観測地点

次の3地点で観測した。①瀬戸石ダム下流、②道の駅坂本、③横石

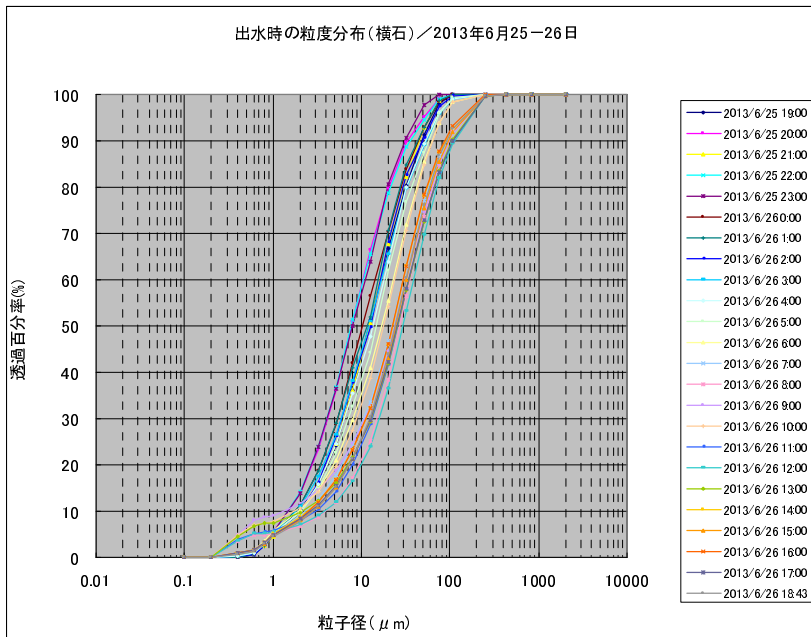
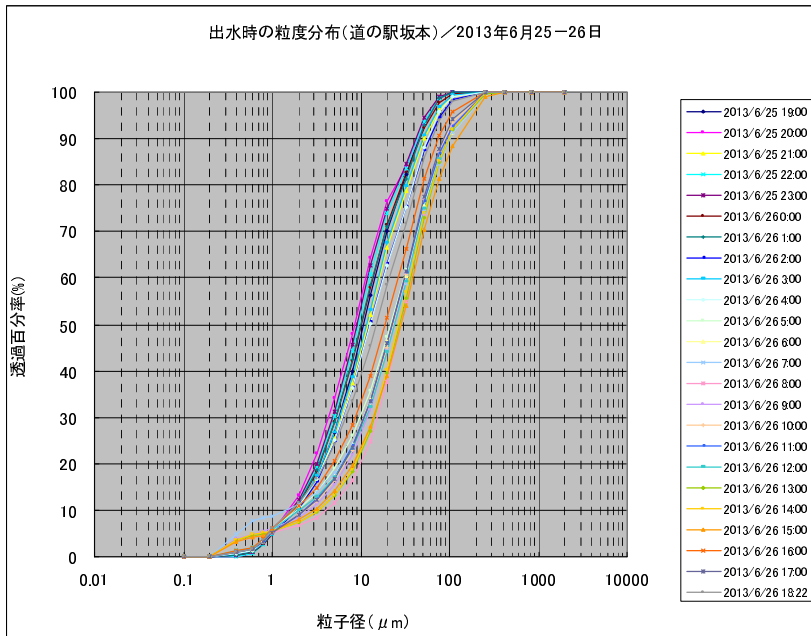
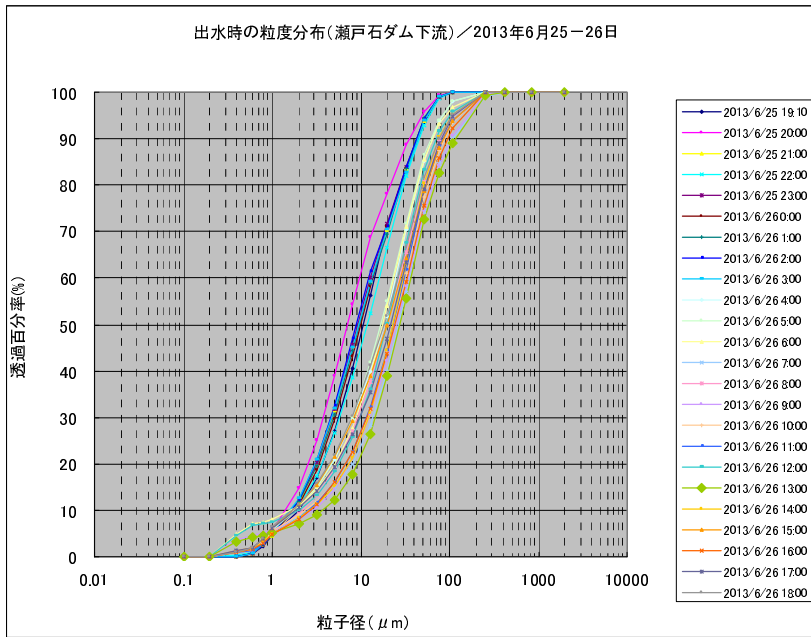


※この地図は、国土地理院発行の2万5千分の1地形図(坂本、中津道)を背景図として使用したものである。

6) 観測結果（平成25年6月25日19時～26日18時）

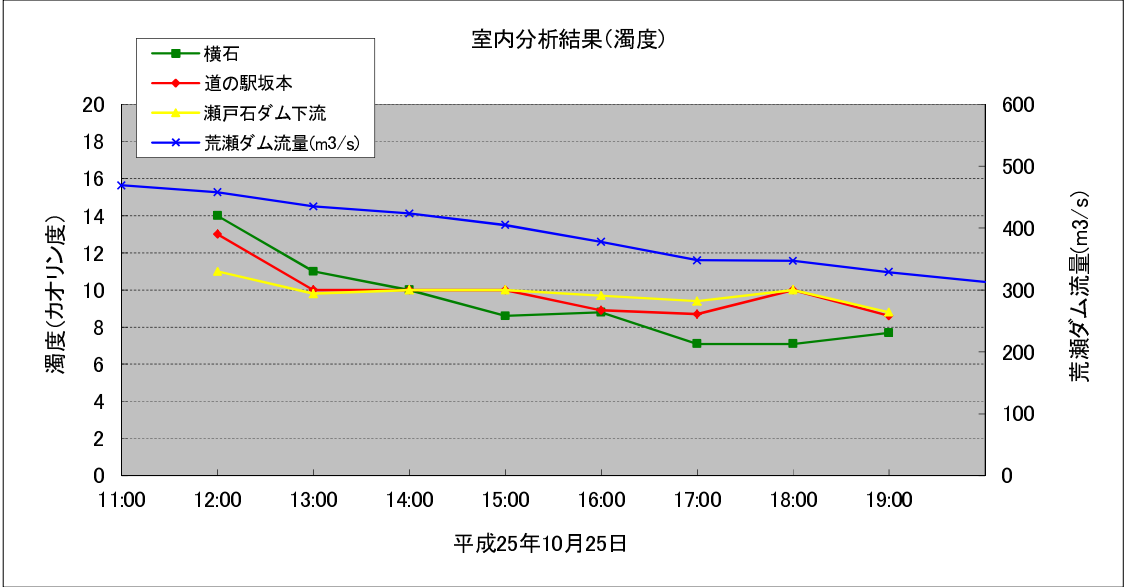
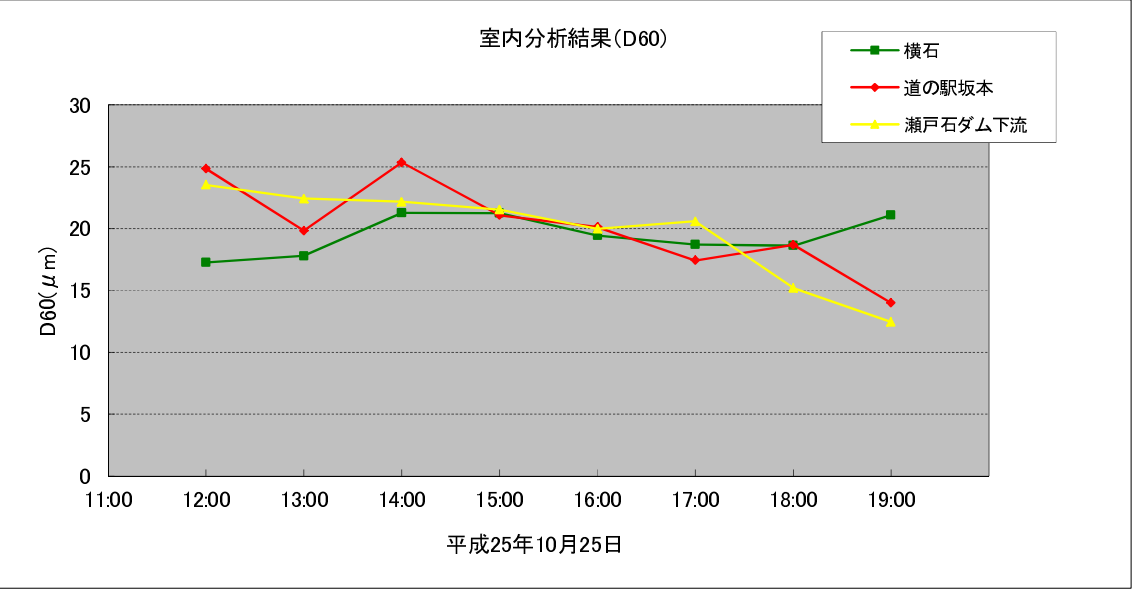
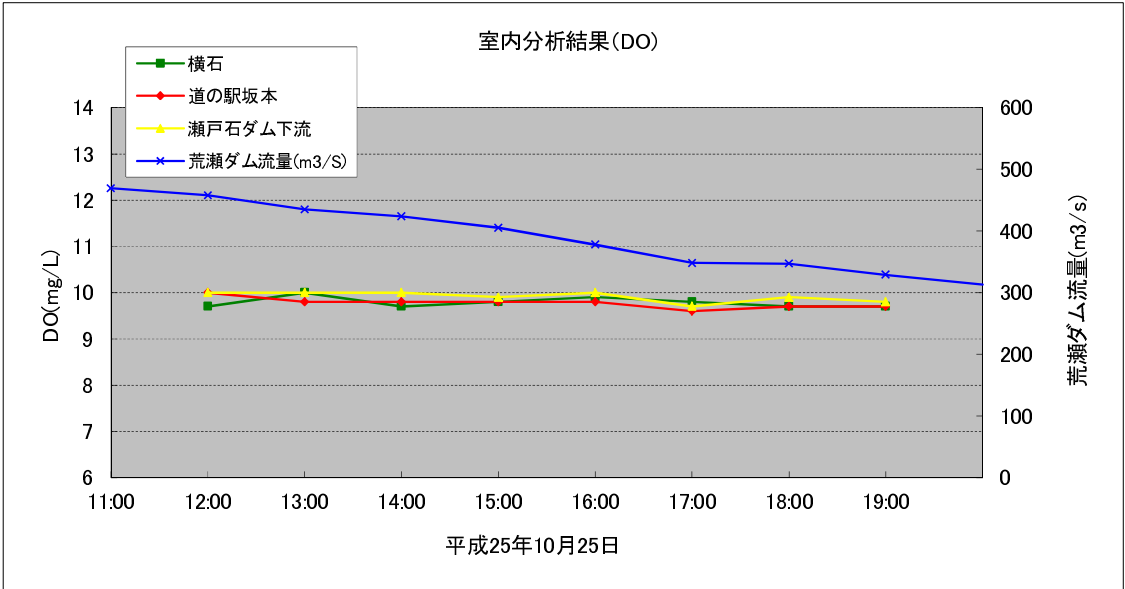


| No. | 瀬戸石ダム下流 |          |          |          | 道の駅坂本 |          |          |          | 横石    |          |          |          |
|-----|---------|----------|----------|----------|-------|----------|----------|----------|-------|----------|----------|----------|
|     | 採水時刻    | 濁度(カオリン) | SS(mg/l) | DO(mg/l) | 採水時刻  | 濁度(カオリン) | SS(mg/l) | DO(mg/l) | 採水時刻  | 濁度(カオリン) | SS(mg/l) | DO(mg/l) |
| 1   | 19:10   | 13       | 18       | 9.6      | 19:00 | 14       | 27       | 10.3     | 19:00 | 10       | 21       | 9.6      |
| 2   | 20:00   | 11       | 17       | 9.6      | 20:00 | 13       | 25       | 9.7      | 20:00 | 10       | 17       | 9.5      |
| 3   | 21:00   | 10       | 19       | 9.2      | 21:00 | 12       | 24       | 9.4      | 21:00 | 9.9      | 17       | 9.5      |
| 4   | 22:00   | 9        | 15       | 9.6      | 22:00 | 11       | 20       | 9.7      | 22:00 | 9.3      | 15       | 9.7      |
| 5   | 23:00   | 9.8      | 13       | 9.6      | 23:00 | 11       | 19       | 9.4      | 23:00 | 8.6      | 16       | 9.7      |
| 6   | 0:00    | 8.5      | 13       | 9.2      | 0:00  | 10       | 19       | 9.6      | 0:00  | 7.4      | 15       | 9.7      |
| 7   | 1:00    | 8.9      | 14       | 9.1      | 1:00  | 10       | 19       | 9.3      | 1:00  | 6.6      | 12       | 9.8      |
| 8   | 2:00    | 8.2      | 12       | 9.4      | 2:00  | 9.3      | 20       | 9.6      | 2:00  | 6.3      | 12       | 10.0     |
| 9   | 3:00    | 9.2      | 18       | 9.4      | 3:00  | 9.2      | 18       | 9.4      | 3:00  | 6.6      | 13       | 9.5      |
| 10  | 4:00    | 8.5      | 20       | 10.1     | 4:00  | 8.8      | 21       | 9.7      | 4:00  | 7.3      | 13       | 9.5      |
| 11  | 5:00    | 10       | 28       | 9.8      | 5:00  | 10       | 62       | 11.0     | 5:00  | 7        | 17       | 9.5      |
| 12  | 6:00    | 11       | 40       | 9.6      | 6:00  | 12       | 76       | 10.0     | 6:00  | 10       | 33       | 9.5      |
| 13  | 7:00    | 13       | 47       | 10.0     | 7:00  | 13       | 82       | 9.2      | 7:00  | 13       | 89       | 9.4      |
| 14  | 8:00    | 20       | 56       | 9.8      | 8:00  | 12       | 60       | 9.4      | 8:00  | 14       | 62       | 10.0     |
| 15  | 9:00    | 26       | 79       | 9.8      | 9:00  | 17       | 75       | 9.3      | 9:00  | 15       | 110      | 9.6      |
| 16  | 10:00   | 35       | 100      | 10.6     | 10:00 | 24       | 100      | 10.1     | 10:00 | 17       | 68       | 9.7      |
| 17  | 11:00   | 37       | 130      | 10.3     | 11:00 | 36       | 140      | 9.6      | 11:00 | 28       | 130      | 9.7      |
| 18  | 12:00   | 58       | 260      | 10.0     | 12:00 | 47       | 200      | 10.5     | 12:00 | 35       | 170      | 9.8      |
| 19  | 13:00   | 100      | 580      | 9.0      | 13:00 | 58       | 310      | 9.7      | 13:00 | 45       | 210      | 9.8      |
| 20  | 14:00   | 100      | 380      | 9.7      | 14:00 | 99       | 500      | 9.9      | 14:00 | 64       | 350      | 9.5      |
| 21  | 15:00   | 150      | 800      | 9.1      | 15:00 | 110      | 670      | 9.7      | 15:00 | 100      | 590      | 9.9      |
| 22  | 16:00   | 190      | 840      | 8.9      | 16:00 | 150      | 770      | 9.3      | 16:00 | 110      | 630      | 9.6      |
| 23  | 17:00   | 190      | 790      | 9.2      | 17:00 | 190      | 910      | 9.2      | 17:00 | 160      | 730      | 9.9      |
| 24  | 18:00   | 190      | 640      | 9.7      | 18:22 | 190      | 770      | 9.6      | 18:43 | 190      | 780      | 9.3      |

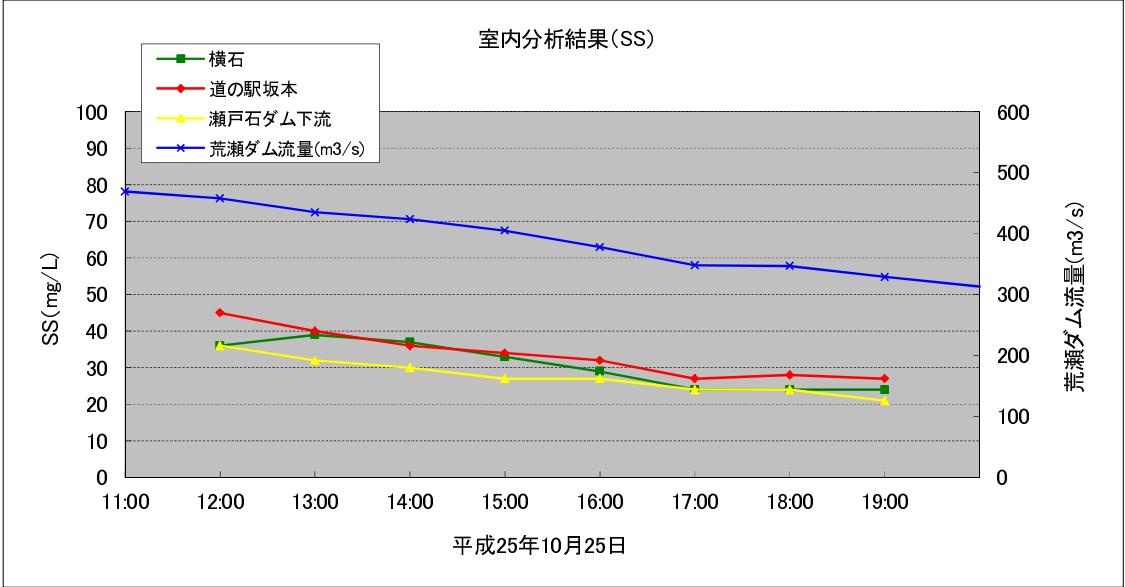


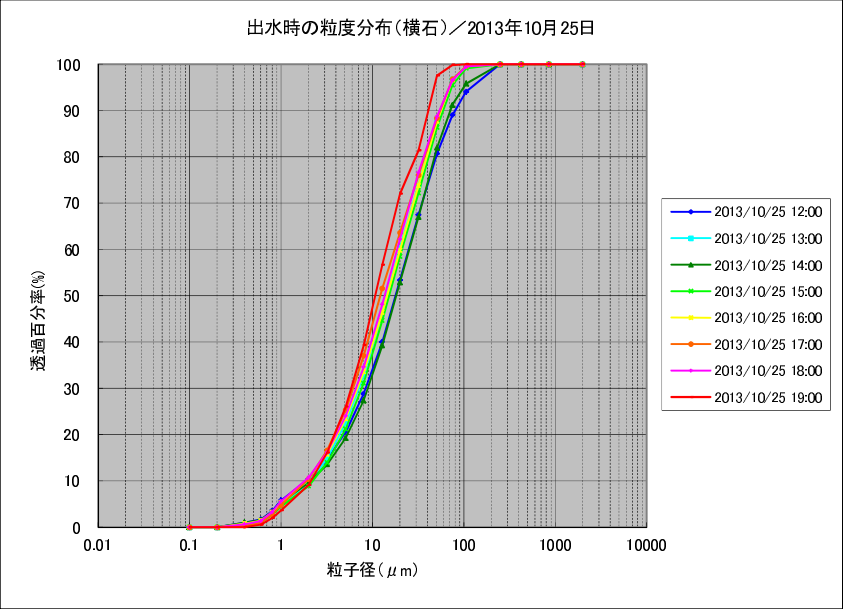
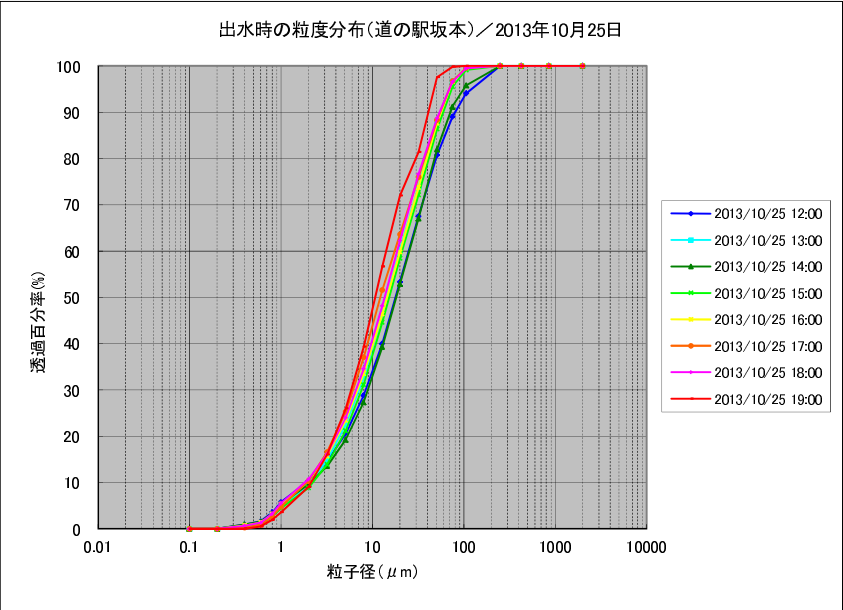
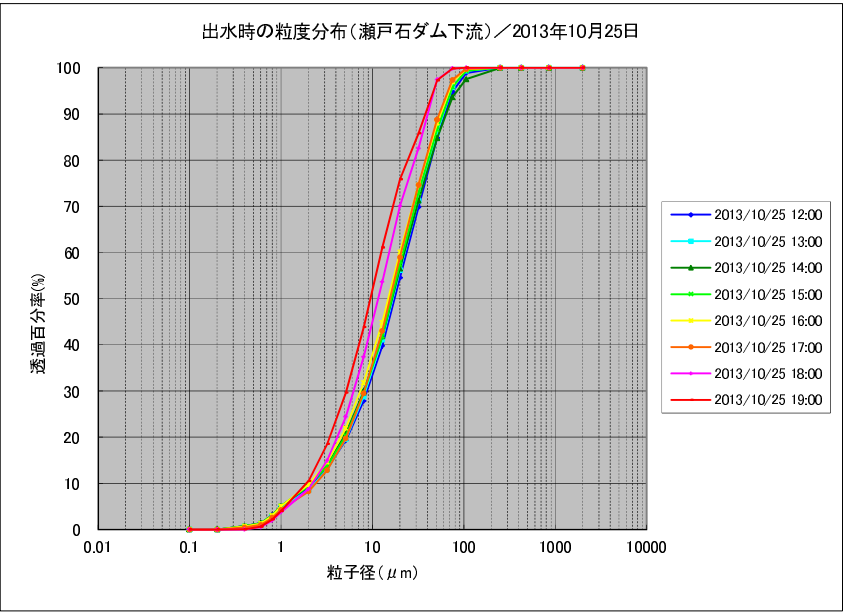
|         |           | 採水時刻  | 通過百分率 |       |       |       |       |       |        |        |        |        |        |        |        |        |        |         |         |         |         |          |         |
|---------|-----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|----------|---------|
|         |           |       | 0.100 | 0.200 | 0.400 | 0.600 | 0.800 | 1.000 | 2.000  | 3.200  | 5.100  | 8.000  | 12.800 | 20.000 | 32.000 | 51.000 | 75.000 | 106.000 | 250.000 | 425.000 | 850.000 | 2000.000 |         |
| 瀬戸石ダム下流 | 2013/6/25 | 19:10 | 0.000 | 0.000 | 0.017 | 0.653 | 2.391 | 4.342 | 10.015 | 16.886 | 27.025 | 40.417 | 56.222 | 71.245 | 83.673 | 93.478 | 98.883 | 99.954  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 20:00 | 0.000 | 0.000 | 0.030 | 0.859 | 3.028 | 5.576 | 14.778 | 25.240 | 38.941 | 54.469 | 68.801 | 78.257 | 88.687 | 95.959 | 99.273 | 99.970  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 21:00 | 0.000 | 0.000 | 0.016 | 0.667 | 2.484 | 4.609 | 11.695 | 20.089 | 31.504 | 45.331 | 59.239 | 70.445 | 83.752 | 93.785 | 98.897 | 99.956  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 22:00 | 0.000 | 0.000 | 0.198 | 0.877 | 2.795 | 5.026 | 10.866 | 17.419 | 26.637 | 38.707 | 52.540 | 66.656 | 81.868 | 93.047 | 98.793 | 99.953  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 23:00 | 0.000 | 0.000 | 0.016 | 0.711 | 2.673 | 4.975 | 12.123 | 20.411 | 31.724 | 45.518 | 60.089 | 71.738 | 83.780 | 94.333 | 99.098 | 99.967  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         | 2013/6/26 | 0:00  | 0.000 | 0.000 | 0.094 | 0.763 | 2.605 | 4.754 | 11.134 | 18.689 | 29.502 | 43.145 | 58.189 | 71.041 | 83.669 | 94.300 | 99.102 | 99.968  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 1:00  | 0.000 | 0.000 | 0.017 | 0.692 | 2.626 | 4.932 | 11.783 | 19.651 | 30.524 | 44.323 | 58.826 | 69.350 | 83.759 | 94.398 | 99.004 | 99.959  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 2:00  | 0.000 | 0.000 | 0.016 | 0.687 | 2.568 | 4.784 | 12.191 | 20.815 | 32.504 | 46.922 | 61.315 | 71.167 | 84.082 | 94.226 | 98.958 | 99.957  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 3:00  | 0.000 | 0.000 | 0.023 | 0.773 | 2.821 | 5.211 | 12.536 | 20.912 | 31.938 | 45.088 | 59.050 | 70.545 | 82.544 | 93.793 | 99.010 | 99.964  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 4:00  | 0.000 | 0.000 | 0.995 | 1.674 | 3.653 | 6.056 | 10.780 | 14.999 | 21.015 | 29.473 | 39.958 | 51.865 | 70.353 | 85.171 | 93.748 | 98.125  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 5:00  | 0.000 | 0.000 | 0.996 | 1.637 | 3.472 | 5.718 | 10.476 | 14.889 | 21.154 | 29.876 | 41.882 | 55.062 | 71.681 | 86.484 | 94.006 | 98.113  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 6:00  | 0.000 | 0.000 | 4.975 | 7.065 | 7.534 | 7.910 | 10.840 | 14.311 | 19.682 | 27.538 | 39.031 | 53.892 | 70.968 | 85.687 | 93.145 | 96.736  | 99.994  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 7:00  | 0.000 | 0.000 | 1.155 | 1.696 | 3.239 | 5.148 | 8.673  | 11.195 | 14.746 | 20.050 | 28.208 | 40.029 | 56.878 | 74.181 | 84.416 | 90.153  | 99.073  | 99.999  | 100.000 | 100.000  | 100.000 |
|         |           | 8:00  | 0.000 | 0.000 | 0.853 | 1.477 | 3.217 | 5.252 | 9.311  | 13.336 | 19.124 | 27.075 | 37.666 | 50.184 | 65.755 | 80.747 | 89.517 | 94.717  | 99.986  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 9:00  | 0.000 | 0.000 | 3.512 | 4.584 | 5.026 | 5.639 | 7.983  | 10.452 | 14.617 | 21.099 | 30.469 | 41.974 | 58.271 | 74.420 | 84.281 | 90.586  | 99.814  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 10:00 | 0.000 | 0.000 | 1.055 | 1.648 | 3.317 | 5.315 | 9.025  | 12.025 | 16.232 | 22.448 | 31.653 | 44.007 | 61.029 | 77.635 | 87.422 | 93.619  | 99.988  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 11:00 | 0.000 | 0.000 | 0.835 | 1.431 | 3.039 | 4.849 | 8.269  | 11.473 | 15.969 | 22.642 | 32.203 | 44.466 | 61.770 | 78.699 | 88.399 | 93.815  | 99.927  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 12:00 | 0.000 | 0.000 | 4.658 | 6.638 | 7.069 | 7.386 | 10.027 | 13.249 | 18.248 | 25.595 | 36.157 | 50.067 | 67.488 | 83.385 | 91.671 | 95.816  | 99.992  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 13:00 | 0.000 | 0.000 | 3.256 | 4.288 | 4.648 | 5.116 | 6.996  | 8.971  | 12.359 | 17.706 | 26.264 | 38.822 | 55.729 | 72.511 | 82.667 | 89.181  | 99.445  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 14:00 | 0.000 | 0.000 | 1.019 | 1.556 | 3.066 | 4.892 | 8.349  | 11.162 | 15.181 | 21.293 | 30.802 | 44.413 | 62.914 | 80.546 | 90.326 | 95.197  | 99.932  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 15:00 | 0.000 | 0.000 | 1.156 | 1.836 | 3.793 | 6.198 | 11.142 | 15.528 | 21.536 | 29.236 | 38.752 | 49.902 | 64.221 | 78.708 | 87.955 | 93.900  | 99.989  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 16:00 | 0.000 | 0.000 | 0.844 | 1.449 | 3.043 | 4.792 | 8.125  | 11.396 | 15.936 | 22.453 | 31.707 | 43.598 | 59.311 | 75.423 | 85.841 | 92.392  | 99.885  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 17:00 | 0.000 | 0.000 | 1.267 | 1.902 | 3.738 | 6.037 | 10.569 | 14.135 | 19.133 | 26.225 | 35.506 | 46.882 | 63.399 | 79.132 | 89.008 | 94.873  | 99.992  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 18:00 | 0.000 | 0.000 | 1.112 | 1.870 | 3.943 | 6.345 | 11.105 | 15.611 | 21.735 | 30.212 | 41.092 | 51.687 | 66.552 | 81.590 | 90.164 | 95.047  | 99.991  | 100.000 | 100.000 | 100.000  | 100.000 |
| 道の駅坂本   | 2013/6/25 | 19:00 | 0.000 | 0.000 | 0.286 | 0.935 | 2.763 | 4.881 | 10.505 | 17.000 | 26.596 | 39.886 | 56.419 | 70.220 | 82.412 | 93.355 | 98.773 | 99.929  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 20:00 | 0.000 | 0.000 | 0.016 | 0.729 | 2.785 | 5.237 | 13.123 | 22.128 | 34.044 | 48.070 | 64.189 | 76.594 | 84.048 | 93.044 | 98.765 | 99.956  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 21:00 | 0.000 | 0.000 | 0.643 | 1.294 | 3.143 | 5.362 | 10.820 | 16.771 | 25.537 | 37.215 | 52.097 | 66.569 | 78.778 | 89.901 | 96.289 | 99.034  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 22:00 | 0.000 | 0.000 | 0.119 | 0.802 | 2.662 | 4.818 | 11.437 | 19.247 | 30.263 | 44.222 | 60.679 | 74.084 | 83.658 | 93.435 | 98.797 | 99.935  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 23:00 | 0.000 | 0.000 | 0.259 | 0.921 | 2.862 | 5.228 | 12.158 | 20.028 | 31.237 | 45.522 | 62.654 | 74.845 | 84.555 | 94.563 | 99.140 | 99.968  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         | 2013/6/26 | 0:00  | 0.000 | 0.000 | 0.246 | 0.896 | 2.727 | 4.881 | 11.172 | 18.426 | 28.824 | 42.259 | 58.034 | 71.240 | 82.559 | 92.439 | 97.766 | 99.549  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 1:00  | 0.000 | 0.000 | 0.317 | 0.960 | 2.832 | 5.101 | 11.515 | 18.707 | 28.982 | 42.315 | 58.631 | 70.954 | 81.417 | 92.885 | 98.803 | 99.954  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 2:00  | 0.000 | 0.000 | 0.568 | 1.189 | 2.946 | 5.039 | 10.284 | 16.138 | 24.764 | 36.440 | 50.642 | 62.866 | 75.212 | 87.313 | 94.631 | 98.459  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 3:00  | 0.000 | 0.000 | 0.502 | 1.136 | 2.948 | 5.130 | 10.939 | 17.298 | 26.575 | 38.544 | 53.065 | 67.513 | 79.816 | 90.599 | 96.809 | 99.204  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 4:00  | 0.000 | 0.000 | 0.680 | 1.342 | 3.206 | 5.432 | 10.865 | 16.773 | 25.179 | 36.365 | 50.307 | 62.814 | 75.313 | 88.182 | 95.972 | 99.135  | 100.000 | 100.000 | 100.000 | 100.000  |         |
|         |           | 5:00  | 0.000 | 0.000 | 1.231 | 1.865 | 3.664 | 5.879 | 10.275 | 13.927 | 18.991 | 26.015 | 35.809 | 47.298 | 61.673 | 77.038 | 87.517 | 94.150  | 99.990  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 6:00  | 0.000 | 0.000 | 1.069 | 1.664 | 3.302 | 5.245 | 9.028  | 12.456 | 17.276 | 24.013 | 33.821 | 46.342 | 60.585 | 75.515 | 85.401 | 91.187  | 99.780  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 7:00  | 0.000 | 0.000 | 4.909 | 7.632 | 8.358 | 8.660 | 11.160 | 13.981 | 18.100 | 24.047 | 32.985 | 44.521 | 58.935 | 74.310 | 84.633 | 91.378  | 99.827  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 8:00  | 0.000 | 0.000 | 3.216 | 4.295 | 4.609 | 4.985 | 6.681  | 8.459  | 11.481 | 16.373 | 24.857 | 37.608 | 54.926 | 73.265 | 85.147 | 92.359  | 99.886  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 9:00  | 0.000 | 0.000 | 3.730 | 4.898 | 5.355 | 5.979 | 8.514  | 11.156 | 15.421 | 21.765 | 31.484 | 44.541 | 60.847 | 77.002 | 86.980 | 92.732  | 99.849  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 10:00 | 0.000 | 0.000 | 1.111 | 1.677 | 3.267 | 5.205 | 8.941  | 12.047 | 16.493 | 22.933 | 32.523 | 45.019 | 60.656 | 76.719 | 87.279 | 93.441  | 99.876  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 11:00 | 0.000 | 0.000 | 1.032 | 1.623 | 3.277 | 5.257 | 9.098  | 12.450 | 17.167 | 23.833 | 33.545 | 45.840 | 61.105 | 76.630 | 86.710 | 92.764  | 99.869  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 12:00 | 0.000 | 0.000 | 1.305 | 1.883 | 3.568 | 5.716 | 9.897  | 12.903 | 17.068 | 23.062 | 32.136 | 43.959 | 59.064 | 74.961 | 85.514 | 91.851  | 99.739  | 100.000 | 100.000 | 100.000  | 100.000 |
|         |           | 13:00 | 0.000 | 0.000 | 3.473 | 4.608 | 4.980 | 5.455 | 7.493. |        |        |        |        |        |        |        |        |         |         |         |         |          |         |

6) 観測結果（平成25年10月25日12時～19時）



| No. | 瀬戸石ダム下流 |          |          |          | 道の駅坂本 |          |          |          | 横石    |          |          |          |
|-----|---------|----------|----------|----------|-------|----------|----------|----------|-------|----------|----------|----------|
|     | 採水時刻    | 濁度(カオリン) | SS(mg/l) | DO(mg/l) | 採水時刻  | 濁度(カオリン) | SS(mg/l) | DO(mg/l) | 採水時刻  | 濁度(カオリン) | SS(mg/l) | DO(mg/l) |
| 1   | 12:00   | 11       | 36       | 10.0     | 12:00 | 13       | 45       | 10.0     | 12:00 | 14       | 36       | 9.7      |
| 2   | 13:00   | 9.8      | 32       | 10.0     | 13:00 | 10       | 40       | 9.8      | 13:00 | 11       | 39       | 10.0     |
| 3   | 14:00   | 10       | 30       | 10.0     | 14:00 | 10       | 36       | 9.8      | 14:00 | 10       | 37       | 9.7      |
| 4   | 15:00   | 10       | 27       | 9.9      | 15:00 | 10       | 34       | 9.8      | 15:00 | 8.6      | 33       | 9.8      |
| 5   | 16:00   | 9.7      | 27       | 10.0     | 16:00 | 8.9      | 32       | 9.8      | 16:00 | 8.8      | 29       | 9.9      |
| 6   | 17:00   | 9.4      | 24       | 9.7      | 17:00 | 8.7      | 27       | 9.6      | 17:00 | 7.1      | 24       | 9.8      |
| 7   | 18:00   | 10       | 24       | 9.9      | 18:00 | 10       | 28       | 9.7      | 18:00 | 7.1      | 24       | 9.7      |
| 8   | 19:00   | 8.8      | 21       | 9.8      | 19:00 | 8.6      | 27       | 9.7      | 19:00 | 7.7      | 24       | 9.7      |





|             | 採水時刻       | 通過百分率 |       |       |       |       |       |       |       |       |       |        |        |        |        |        |         |         |         |         |          |
|-------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|---------|---------|---------|---------|----------|
|             |            | 0.100 | 0.200 | 0.400 | 0.600 | 0.800 | 1.000 | 2.000 | 3.200 | 5.100 | 8.000 | 12.800 | 20.000 | 32.000 | 51.000 | 75.000 | 106.000 | 250.000 | 425.000 | 850.000 | 2000.000 |
| 瀬戸石ダム<br>下流 | 2013/10/25 | 12:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 13:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 14:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 15:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 16:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 17:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 18:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 道の駅<br>坂本   | 2013/10/25 | 12:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 13:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 14:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 15:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 16:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 17:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 18:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 横石          | 2013/10/25 | 12:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 13:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 14:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 15:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 16:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 17:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 18:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
|             |            | 19:00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |