

## 日流量年表

番号 H 310 24

水系

河川

観測所 上ノ国ダム

平成 24 ( 2012 ) 年

| 日                  | 1     | 2     | 3               | 4      | 5          | 6      | 7                 | 8     | 9     | 10                           | 11                | 12     |        |       |                              |  |       |  |    |  |
|--------------------|-------|-------|-----------------|--------|------------|--------|-------------------|-------|-------|------------------------------|-------------------|--------|--------|-------|------------------------------|--|-------|--|----|--|
| 1                  | 0.332 | #     | 0.295           | 0.213  | 1.099      | 2.432  | 0.295             | 0.195 | 0.200 | 0.192                        | 0.315             | 0.544  | 0.922  |       |                              |  |       |  |    |  |
| 2                  | 0.316 |       | 0.277           | 0.232  | 0.729      | 2.257  | 0.285             | 0.202 | 0.183 | 0.351                        | #                 | 4.101  | 0.772  |       |                              |  |       |  |    |  |
| 3                  | 0.301 |       | 0.266           | 0.213  | 0.729      | 2.083  | 0.275             | 0.202 | 0.180 | 0.191                        | 0.265             | 2.074  | 0.633  |       |                              |  |       |  |    |  |
| 4                  | 0.313 |       | 0.260           | 0.221  | 1.520      | #      | 3.783             | 0.266 | 0.202 | 0.179                        | 0.231             | 1.280  | 1.267  |       |                              |  |       |  |    |  |
| 5                  | 0.309 |       | 0.266           | 0.222  | 0.946      |        | 2.858             | 0.257 | 0.213 | 0.188                        | 0.181             | 0.216  | 0.849  | 0.994 |                              |  |       |  |    |  |
| 半旬平均               | 0.314 |       | 0.273           | 0.220  | 1.005      | 2.683  | 0.276             | 0.203 | 0.187 | 0.186                        | 0.276             | 1.770  | 0.918  |       |                              |  |       |  |    |  |
| 6                  | 0.310 |       | 0.268           | 0.223  | 0.712      | 2.065  | 0.264             | 0.207 | 0.481 | 0.232                        | 0.514             | 0.723  | #      | 1.303 |                              |  |       |  |    |  |
| 7                  | 0.303 |       | 0.294           | 0.308  | 0.594      | 1.578  | 0.264             | 0.200 | 0.220 | 0.190                        | 0.285             | 1.440  | 0.978  |       |                              |  |       |  |    |  |
| 8                  | 0.295 |       | 0.266           | 0.270  | 0.507      | 1.225  | 0.250             | 0.200 | 0.190 | 0.293                        | 0.237             | 1.193  | 0.849  |       |                              |  |       |  |    |  |
| 9                  | #     | 0.336 | 0.268           | 0.252  | 0.512      | 0.994  | 0.239             | 0.200 | 0.184 | #                            | 4.791             | 1.114  | 0.699  |       |                              |  |       |  |    |  |
| 10                 | 0.312 |       | 0.251           | 0.252  | 1.016      | 0.837  | 0.218             | 0.210 | 0.180 | 3.568                        | 0.209             | 0.897  | 0.660  |       |                              |  |       |  |    |  |
| 半旬平均               | 0.311 |       | 0.269           | 0.261  | 0.668      | 1.340  | 0.247             | 0.203 | 0.251 | 1.815                        | 0.292             | 1.073  | 0.898  |       |                              |  |       |  |    |  |
| 11                 | 0.295 |       | 0.244           | 0.270  | 3.903      | 0.753  | 0.227             | 0.200 | 0.180 | 2.761                        | 0.253             | 0.727  | 0.555  |       |                              |  |       |  |    |  |
| 12                 | 0.303 |       | 0.255           | 0.232  | 4.648      | 0.648  | 0.207             | #     | 0.698 | 0.182                        | 1.415             | 0.250  | 0.961  | 0.581 |                              |  |       |  |    |  |
| 13                 | 0.304 |       | 0.233           | 0.232  | 3.133      | 0.601  | 0.216             | 0.446 | 0.251 | 0.821                        | 0.731             | 0.880  | 0.482  |       |                              |  |       |  |    |  |
| 14                 | 0.316 |       | 0.258           | 0.232  | 3.127      | 0.549  | 0.206             | 0.389 | 0.210 | 0.575                        | 0.398             | 0.857  | 0.434  |       |                              |  |       |  |    |  |
| 15                 | 0.297 |       | 0.248           | 0.253  | 3.188      | 0.505  | 0.215             | 0.261 | 0.180 | 0.456                        | 1.105             | 0.917  | 0.420  |       |                              |  |       |  |    |  |
| 半旬平均               | 0.303 |       | 0.248           | 0.244  | 3.600      | 0.611  | 0.214             | 0.399 | 0.201 | 1.206                        | 0.547             | 0.868  | 0.494  |       |                              |  |       |  |    |  |
| 16                 | 0.301 |       | 0.241           | 0.233  | 3.598      | 0.677  | 0.205             | 0.386 | 0.261 | 0.387                        | 0.400             | 0.741  | 1.011  |       |                              |  |       |  |    |  |
| 17                 | 0.280 |       | 0.223           | 0.252  | 3.414      | 0.595  | 0.204             | 0.338 | 0.210 | 0.350                        | 1.041             | 2.109  | 0.709  |       |                              |  |       |  |    |  |
| 18                 | 0.286 |       | 0.230           | 0.269  | 3.130      | 0.504  | 0.224             | 0.271 | 0.187 | 0.316                        | #                 | 1.163  | 2.049  | 0.629 |                              |  |       |  |    |  |
| 19                 | 0.286 |       | 0.219           | 0.294  | 3.740      | 0.462  | 0.225             | 0.245 | 0.187 | 0.338                        | 0.598             | 1.357  | 0.534  |       |                              |  |       |  |    |  |
| 20                 | 0.267 |       | 0.220           | 0.287  | 3.791      | 0.432  | 0.496             | 0.215 | 0.180 | 0.314                        | 0.440             | 1.020  | 0.481  |       |                              |  |       |  |    |  |
| 半旬平均               | 0.284 |       | 0.227           | 0.267  | 3.535      | 0.534  | 0.271             | 0.291 | 0.205 | 0.341                        | 0.728             | 1.455  | 0.673  |       |                              |  |       |  |    |  |
| 21                 | 0.275 |       | 0.222           | 0.269  | 3.588      | 0.397  | #                 | 0.530 | 0.200 | 0.171                        | 0.278             | 0.390  | 0.797  | 0.463 |                              |  |       |  |    |  |
| 22                 | 0.275 |       | 0.222           | 0.293  | 3.550      | 0.360  | 0.364             | 0.200 | 0.200 | #                            | 0.171             | 0.270  | 0.330  | 0.700 | 0.454                        |  |       |  |    |  |
| 23                 | 0.278 |       | 0.222           | 0.299  | 4.334      | 0.359  | 0.399             | 0.208 | #     | 2.639                        | 0.249             | 0.450  | 0.619  | 0.418 |                              |  |       |  |    |  |
| 24                 | 0.276 |       | 0.232           | 0.312  | 4.190      | 0.365  | 0.329             | 0.210 | 0.487 | 0.254                        | 0.652             | 0.532  | 0.377  |       |                              |  |       |  |    |  |
| 25                 | 0.278 |       | 0.221           | 0.296  | 4.141      | 0.349  | 0.388             | 0.220 | 0.318 | 0.261                        | 0.458             | 0.492  | 0.374  |       |                              |  |       |  |    |  |
| 半旬平均               | 0.276 |       | 0.224           | 0.294  | 3.961      | 0.366  | 0.382             | 0.208 | 0.757 | 0.262                        | 0.456             | 0.628  | 0.417  |       |                              |  |       |  |    |  |
| 26                 | 0.277 |       | 0.240           | 0.267  | #          | 4.924  | 0.375             | 0.263 | 0.210 | 0.284                        | 0.271             | 0.361  | 1.494  | 0.377 |                              |  |       |  |    |  |
| 27                 | 0.275 |       | 0.232           | 0.315  | 4.416      | 0.332  | 0.238             | 0.200 | 0.251 | 0.217                        | 0.316             | 1.454  | 0.366  |       |                              |  |       |  |    |  |
| 28                 | 0.300 |       | 0.232           | 0.387  | 2.729      | 0.311  | 0.219             | 0.200 | 0.221 | 0.209                        | 0.442             | 1.165  | 0.378  |       |                              |  |       |  |    |  |
| 29                 | 0.302 |       | 0.232           | 0.585  | 2.615      | 0.320  | 0.209             | 0.190 | 0.202 | 0.211                        | 0.919             | 2.047  | #      | 0.341 |                              |  |       |  |    |  |
| 30                 | 0.295 |       |                 | 2.039  | 2.568      | 0.328  | 0.208             | 0.190 | 0.203 | 0.275                        | 0.565             | 1.244  | 0.781  |       |                              |  |       |  |    |  |
| 31                 | 0.293 |       | #               | 2.335  | #          | 0.290  | #                 | 0.190 | 0.193 |                              | 0.487             |        | 0.777  |       |                              |  |       |  |    |  |
| 半旬平均               | 0.290 |       | 0.234           | 0.988  | 3.450      | 0.326  | 0.227             | 0.197 | 0.226 | 0.237                        | 0.515             | 1.481  | 0.503  |       |                              |  |       |  |    |  |
| 月合計                | 9.186 |       | 7.137           | 12.357 | 81.091     | 29.624 | 8.085             | 7.698 | 9.360 | 20.232                       | 14.588            | 36.377 | 20.019 |       |                              |  |       |  |    |  |
| 月平均                | 0.296 |       | 0.246           | 0.399  | 2.703      | 0.956  | 0.270             | 0.248 | 0.302 | 0.674                        | 0.471             | 1.213  | 0.646  |       |                              |  |       |  |    |  |
| 比流量                | 1.701 |       | 1.414           | 2.293  | 15.534     | 5.494  | 1.552             | 1.425 | 1.736 | 3.874                        | 2.707             | 6.971  | 3.713  |       |                              |  |       |  |    |  |
| 総流出量 $\times 10^6$ | 0.793 |       | 0.616           | 1.069  | 7.006      | 2.561  | 0.700             | 0.664 | 0.809 | 1.747                        | 1.262             | 3.144  | 1.730  |       |                              |  |       |  |    |  |
| 総流出高(mm)           | 46    |       | 35              | 61     | 403        | 147    | 40                | 38    | 46    | 100                          | 73                | 181    | 99     |       |                              |  |       |  |    |  |
| 流域面積               | 17.4  |       | Km <sup>2</sup> |        | 年最大(ピーク)流量 |        | m <sup>3</sup> /s |       | 年最小流量 |                              | m <sup>3</sup> /s |        | 年総流出量  |       | $\times 10^6$ m <sup>3</sup> |  | 年総流出高 |  | mm |  |
| 観測方法               | 17.4  |       | 観測機関            |        | 4.924      |        | (4月26日)           |       | 0.171 |                              | (8月22日)           |        | 22.101 |       | 1270                         |  |       |  |    |  |
| 観測開始年              |       |       |                 |        |            |        |                   |       |       |                              |                   |        |        |       |                              |  |       |  |    |  |
| 北海道                |       |       |                 |        |            |        |                   |       |       |                              |                   |        |        |       |                              |  |       |  |    |  |
|                    |       |       |                 |        |            |        |                   |       |       | * 日流量の月最大値を示す。# 日流量の月最小値を示す。 |                   |        |        |       |                              |  |       |  |    |  |
|                    |       |       |                 |        |            |        |                   |       |       | * 流域面積 17.4 (2)              |                   |        |        |       |                              |  |       |  |    |  |

# 日流量の月最大値を示す。@ 日流量の月最小値を示す。

水研様式 流量-8 (改)

## 日流量年図

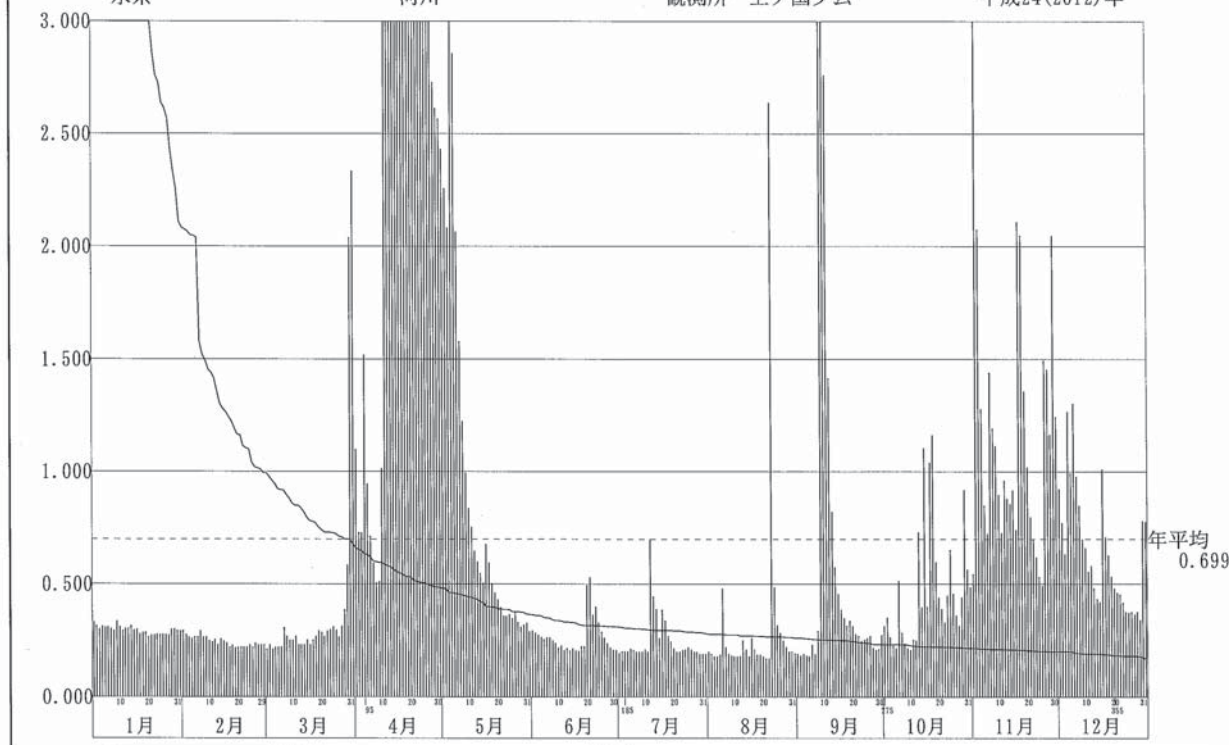
番号 H 310 24

水系

河川

観測所 上ノ国ダム

平成24(2012)年



## 日流量年表

番号 315 24

水系 沙泊川

河川 沙泊川

観測所 矢別ダム

平成 24 ( 2012 ) 年

| 日                    | 1    | 2    | 3               | 4     | 5          | 6     | 7                 | 8    | 9       | 10    | 11                | 12    |       |      |                                 |  |       |                              |    |  |  |
|----------------------|------|------|-----------------|-------|------------|-------|-------------------|------|---------|-------|-------------------|-------|-------|------|---------------------------------|--|-------|------------------------------|----|--|--|
| 1                    | 0.30 | #    | 0.66            | 0.24  | 2.17       | 1.38  | 0.18              | 0.20 | 0.06    | 0.06  | 1.88              | 0.80  | 1.60  |      |                                 |  |       |                              |    |  |  |
| 2                    | 0.30 |      | 0.25            | 0.21  | 1.31       | 1.20  | 0.18              | 0.18 | 0.06    | 0.06  | 0.75              | 1.23  | 1.20  |      |                                 |  |       |                              |    |  |  |
| 3                    | 0.27 |      | 0.25            | 0.21  | 1.02       | 2.32  | 0.16              | 0.18 | 0.06    | 0.06  | 5.78              | 1.19  | 1.00  |      |                                 |  |       |                              |    |  |  |
| 4                    | 0.24 |      | 0.25            | 0.19  | 1.97       | #     | 20.63             | 0.14 | 0.18    | 0.06  | 2.96              | 0.94  | 1.86  |      |                                 |  |       |                              |    |  |  |
| 5                    | 0.20 |      | 0.25            | 0.22  | 1.52       | 7.53  | 0.14              | 0.18 | 0.06    | 0.06  | 1.50              | 0.79  | 1.59  |      |                                 |  |       |                              |    |  |  |
| 半旬平均                 | 0.26 | 0.33 | 0.21            | 1.60  | 6.61       | 0.16  | 0.18              | 0.06 | 0.06    | 0.06  | 2.57              | 0.99  | 1.45  |      |                                 |  |       |                              |    |  |  |
| 6                    | 0.18 |      | 0.25            | 0.23  | 1.27       | 3.90  | 0.14              | 0.18 | 0.42    | 0.06  | 1.01              | 2.83  | #     | 2.16 |                                 |  |       |                              |    |  |  |
| 7                    | 0.18 |      | 0.25            | 0.31  | 1.00       | 2.69  | 0.14              | 0.17 | 0.19    | 0.10  | 0.74              | #     | 19.16 | 1.60 |                                 |  |       |                              |    |  |  |
| 8                    | 0.18 |      | 0.28            | 0.37  | 0.86       | 2.01  | 0.14              | 0.14 | 0.12    | #     | 0.57              | 5.34  | 1.39  |      |                                 |  |       |                              |    |  |  |
| 9                    | 0.18 |      | 0.30            | 0.29  | 0.84       | 1.60  | 0.11              | 0.14 | 0.10    | 1.64  | 0.50              | 2.96  | 1.17  |      |                                 |  |       |                              |    |  |  |
| 10                   | 0.18 |      | 0.30            | 0.27  | 1.84       | 1.33  | 0.10              | 0.14 | 0.10    | #     | 5.27              | 0.40  | 2.11  | 0.94 |                                 |  |       |                              |    |  |  |
| 半旬平均                 | 0.18 | 0.28 | 0.29            | 1.16  | 2.31       | 0.13  | 0.15              | 0.19 | 1.43    | 0.64  | 6.48              | 1.45  |       |      |                                 |  |       |                              |    |  |  |
| 11                   | 0.18 |      | 0.30            | 0.27  | 5.03       | 1.17  | 0.10              | 0.12 | 0.09    | 2.53  | 0.37              | 1.55  | 0.80  |      |                                 |  |       |                              |    |  |  |
| 12                   | 0.16 |      | 0.30            | 2.61  | #          | 7.75  | 0.97              | 0.10 | #       | 0.81  | 0.06              | 3.32  | 0.71  |      |                                 |  |       |                              |    |  |  |
| 13                   | #    | 0.14 | 0.30            | 0.24  | 5.60       | 0.86  | 0.10              | 0.34 | #       | 1.48  | 0.90              | 0.32  | 2.99  | 0.62 |                                 |  |       |                              |    |  |  |
| 14                   | 0.18 |      | 0.30            | 0.25  | 5.15       | 0.78  | 0.10              | 0.25 | 0.39    | 0.64  | 0.28              | 2.09  | 0.57  |      |                                 |  |       |                              |    |  |  |
| 15                   | 0.18 |      | 0.30            | 0.26  | 4.34       | 0.73  | 0.10              | 0.18 | 0.26    | 0.49  | 0.47              | 1.52  | 0.54  |      |                                 |  |       |                              |    |  |  |
| 半旬平均                 | 0.17 | 0.30 | 0.73            | 5.57  | 0.90       | 0.10  | 0.34              | 0.46 | 1.19    | 0.36  | 2.29              | 0.65  |       |      |                                 |  |       |                              |    |  |  |
| 16                   | 0.27 |      | 0.26            | 0.26  | 3.86       | 0.73  | 0.10              | 0.41 | 0.98    | 0.38  | 0.27              | 1.19  | 1.39  |      |                                 |  |       |                              |    |  |  |
| 17                   | 0.37 |      | 0.29            | 0.27  | 3.53       | 0.64  | 0.10              | 0.41 | 0.46    | 0.33  | 0.46              | 2.95  | 1.03  |      |                                 |  |       |                              |    |  |  |
| 18                   | 0.36 |      | 0.29            | 0.30  | 3.45       | 0.57  | 0.10              | 0.26 | 0.31    | 0.30  | 0.79              | 3.12  | 0.87  |      |                                 |  |       |                              |    |  |  |
| 19                   | 0.36 |      | 0.29            | 0.33  | 3.85       | 0.52  | #                 | 0.10 | 0.18    | 0.24  | 0.25              | 0.38  | 2.11  | 0.71 |                                 |  |       |                              |    |  |  |
| 20                   | 0.36 |      | 0.29            | 0.29  | 3.76       | 0.48  | #                 | 2.08 | 0.15    | 0.18  | 0.24              | 1.66  | 0.56  |      |                                 |  |       |                              |    |  |  |
| 半旬平均                 | 0.34 | 0.28 | 0.29            | 3.69  | 0.59       | 0.50  | 0.28              | 0.43 | 0.30    | 0.44  | 2.21              | 0.91  |       |      |                                 |  |       |                              |    |  |  |
| 21                   | 0.38 |      | 0.29            | 0.28  | 3.32       | 0.45  | 1.61              | 0.14 | 0.16    | 0.22  | 0.29              | 1.29  | 0.56  |      |                                 |  |       |                              |    |  |  |
| 22                   | #    | 0.45 | 0.29            | 0.34  | 3.09       | 0.40  | 1.24              | 0.14 | 0.14    | 0.18  | 0.26              | 1.09  | 0.54  |      |                                 |  |       |                              |    |  |  |
| 23                   | 0.43 |      | 0.29            | 0.44  | 3.48       | 0.36  | 1.02              | 0.14 | 0.24    | 0.16  | 0.31              | 0.98  | 0.48  |      |                                 |  |       |                              |    |  |  |
| 24                   | 0.33 |      | 0.29            | 0.40  | 4.19       | 0.28  | 0.95              | 0.14 | 0.18    | 0.14  | 0.29              | 0.92  | 0.33  |      |                                 |  |       |                              |    |  |  |
| 25                   | 0.34 |      | 0.29            | 0.34  | 3.39       | 0.24  | 0.67              | 0.14 | 0.14    | 0.25  | #                 | 0.25  | #     | 0.79 | 0.35                            |  |       |                              |    |  |  |
| 半旬平均                 | 0.39 | 0.29 | 0.36            | 3.49  | 0.35       | 1.10  | 0.14              | 0.17 | 0.19    | 0.28  | 1.01              | 0.45  |       |      |                                 |  |       |                              |    |  |  |
| 26                   | 0.32 |      | 0.29            | 0.31  | 3.00       | 0.30  | 0.51              | 0.14 | 0.12    | 0.24  | 0.30              | 1.64  | 0.32  |      |                                 |  |       |                              |    |  |  |
| 27                   | 0.28 |      | 0.27            | 0.33  | 3.47       | 0.24  | 0.38              | 0.12 | 0.10    | 0.18  | 0.26              | 2.16  | 0.31  |      |                                 |  |       |                              |    |  |  |
| 28                   | 0.25 |      | 0.25            | 0.41  | 2.33       | 0.20  | 0.32              | 0.10 | 0.10    | 0.16  | 1.94              | 1.68  | 0.32  |      |                                 |  |       |                              |    |  |  |
| 29                   | 0.25 | #    | 0.25            | 0.66  | 1.86       | 0.26  | 0.28              | 0.10 | 0.10    | 0.24  | 3.31              | 3.53  | #     | 0.30 |                                 |  |       |                              |    |  |  |
| 30                   | 0.25 |      | #               | 6.58  | 1.58       | 0.26  | 0.24              | 0.10 | 0.10    | 1.06  | 1.49              | 2.28  | 0.32  |      |                                 |  |       |                              |    |  |  |
| 31                   | 0.25 |      |                 | 6.11  | 0.22       | #     | 0.08              | #    | 0.06    |       | 0.99              |       | 0.37  |      |                                 |  |       |                              |    |  |  |
| 半旬平均                 | 0.27 | 0.27 | 2.40            | 2.45  | 0.25       | 0.35  | 0.11              | 0.10 | 0.38    | 1.38  | 2.26              | 0.32  |       |      |                                 |  |       |                              |    |  |  |
| 月合計                  | 8.30 | 8.47 | 23.82           | 89.83 | 55.25      | 11.63 | 6.14              | 7.12 | 17.70   | 29.76 | 76.21             | 26.51 |       |      |                                 |  |       |                              |    |  |  |
| 月平均                  | 0.27 | 0.29 | 0.77            | 2.99  | 1.78       | 0.39  | 0.20              | 0.23 | 0.59    | 0.96  | 2.54              | 0.86  |       |      |                                 |  |       |                              |    |  |  |
| 比流量                  | 0.83 | 0.89 | 2.37            | 9.20  | 5.48       | 1.20  | 0.62              | 0.71 | 1.82    | 2.95  | 7.82              | 2.65  |       |      |                                 |  |       |                              |    |  |  |
| 総流出量×10 <sup>6</sup> | 0.72 | 0.73 | 2.06            | 7.75  | 4.77       | 1.01  | 0.54              | 0.62 | 1.53    | 2.57  | 6.58              | 2.30  |       |      |                                 |  |       |                              |    |  |  |
| 総流出高(mm)             | 22   | 22   | 63              | 238   | 147        | 31    | 17                | 19   | 47      | 79    | 202               | 71    |       |      |                                 |  |       |                              |    |  |  |
| 流域面積                 | 32.5 |      | Km <sup>2</sup> |       | 年最大(ピーク)流量 |       | m <sup>3</sup> /s |      | 年最小流量   |       | m <sup>3</sup> /s |       | 年総流出量 |      | ×10 <sup>6</sup> m <sup>3</sup> |  | 年総流出高 |                              | mm |  |  |
| 観測方法                 | 32.5 |      | 20.63           |       | (5月 4日)    |       | 0.06              |      | (9月 8日) |       | 31.18             |       | 959   |      |                                 |  |       |                              |    |  |  |
| 観測機関                 | 北海道  |      | 観測開始年           |       |            |       |                   |      |         |       |                   |       |       |      |                                 |  |       |                              |    |  |  |
|                      |      |      |                 |       |            |       |                   |      |         |       |                   |       |       |      |                                 |  |       | ※ 日流量の月最大値を示す。◎ 日流量の月最小値を示す。 |    |  |  |
|                      |      |      |                 |       |            |       |                   |      |         |       |                   |       |       |      |                                 |  |       | ★ 観測式 流量-8 (76)              |    |  |  |

# 日流量の月最大値を示す。@ 日流量の月最小値を示す。

水研様式 流量-8 (改)

## 日流量年図

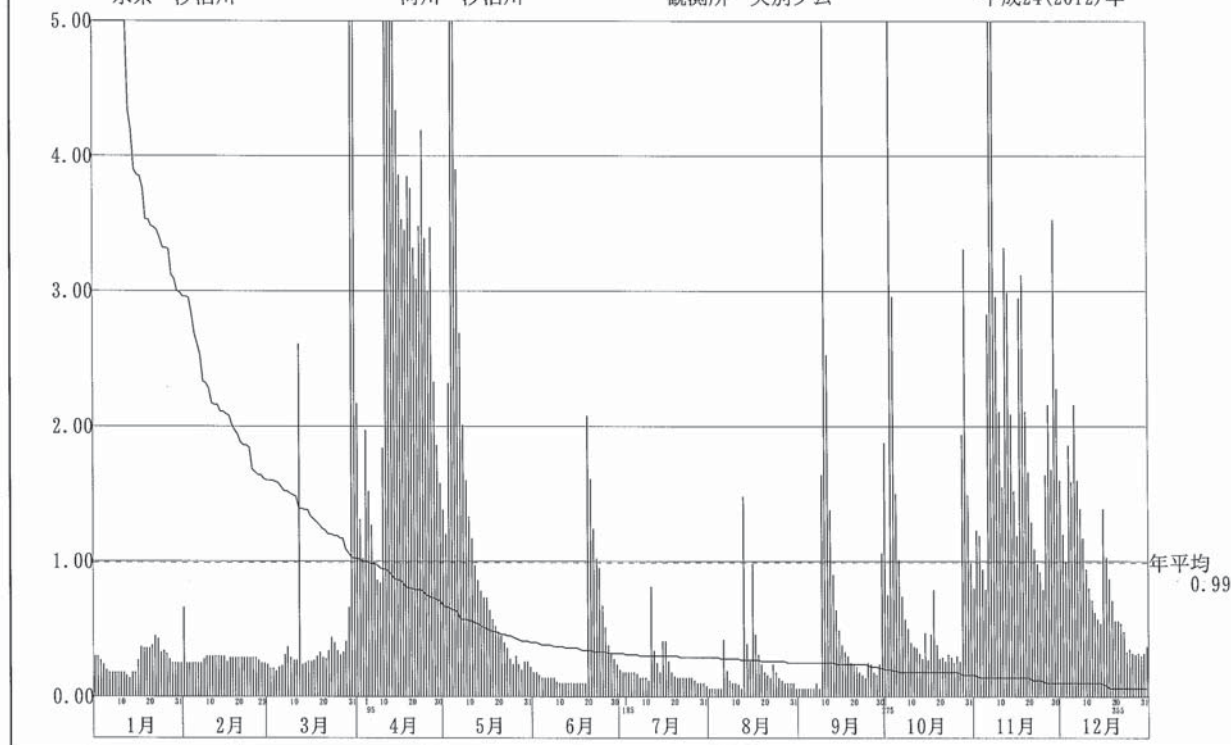
番号 315 24

水系 沙泊川

河川 沙泊川

観測所 矢別ダム

平成24(2012)年



## 日流量年表

番号 □ 320 24

水系 汐泊川

河川 汐泊川

観測所 亀尾

平成 24 ( 2012 ) 年

| 日                    | 1                                      | 2     | 3     | 4      | 5      | 6     | 7     | 8     | 9     | 10     | 11     | 12     |
|----------------------|----------------------------------------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|--------|
| 1                    | 1.03                                   | #     | 0.87  | 0.62   | 10.10  | 4.33  | 0.98  | 1.09  | 0.58  | 0.58   | 3.86   | 5.61   |
| 2                    | 1.03                                   | 0.77  | 0.58  | 6.18   | 3.64   | 0.92  | 1.21  | 0.58  | 0.62  | 5.08   | 4.82   | 4.57   |
| 3                    | 1.03                                   | 0.72  | 0.54  | 5.08   | 4.33   | 0.87  | 1.15  | 0.54  | 0.62  | #      | 30.14  | 4.57   |
| 4                    | 0.98                                   | 0.67  | 0.58  | 7.70   | #      | 0.87  | 1.03  | 0.58  | 0.58  | 14.55  | 3.86   | 5.08   |
| 5                    | 0.92                                   | 0.67  | 0.54  | 6.76   | 26.46  | 0.82  | 1.03  | 0.58  | 0.54  | 7.70   | 3.21   | 4.82   |
| 半旬平均                 | 1.00                                   | 0.74  | 0.57  | 7.16   | 17.69  | 0.89  | 1.10  | 0.57  | 0.59  | 13.10  | 4.06   | 4.83   |
| 6                    | 0.92                                   | 0.67  | 0.62  | 5.61   | 13.26  | 0.82  | 1.03  | 1.15  | 0.50  | 5.34   | 6.47   | 5.34   |
| 7                    | 0.87                                   | 0.67  | 0.92  | 4.57   | 9.03   | 0.82  | 0.98  | 0.87  | 0.46  | 3.86   | #      | 95.39  |
| 8                    | 0.92                                   | 0.72  | 1.09  | 4.09   | 6.76   | 0.77  | 0.92  | 0.67  | 0.35  | 3.21   | 28.89  | 4.57   |
| 9                    | 0.87                                   | 0.77  | 0.87  | 4.33   | 5.61   | 0.77  | 0.87  | 0.62  | 2.43  | 2.62   | 14.99  | 3.86   |
| 10                   | 0.87                                   | 0.72  | 0.87  | 6.18   | 4.82   | 0.87  | 0.87  | 0.58  | #     | 11.24  | 2.43   | 3.64   |
| 半旬平均                 | 0.89                                   | 0.71  | 0.87  | 4.96   | 7.90   | 0.81  | 0.93  | 0.78  | 3.00  | 3.49   | 30.95  | 4.55   |
| 11                   | 0.77                                   | 0.77  | 0.77  | 11.63  | 4.09   | 0.82  | 0.77  | 0.58  | 8.69  | 2.26   | 6.76   | 3.21   |
| 12                   | 0.72                                   | 0.67  | 0.77  | 23.01  | 3.64   | 0.72  | 1.62  | 0.54  | 4.82  | 1.92   | 12.84  | 2.81   |
| 13                   | 0.82                                   | 0.72  | 0.77  | 18.29  | 3.01   | 0.72  | 1.77  | 2.09  | 3.21  | 1.77   | 12.02  | 2.62   |
| 14                   | 0.82                                   | 0.67  | 0.67  | 16.84  | 2.81   | 0.67  | 1.03  | #     | 2.43  | 1.62   | 8.35   | 2.43   |
| 15                   | 0.77                                   | 0.72  | 0.72  | 14.11  | 2.43   | 0.67  | 0.92  | 1.09  | 1.92  | 2.26   | 6.47   | 2.43   |
| 半旬平均                 | 0.78                                   | 0.71  | 0.74  | 16.78  | 3.20   | 0.72  | 1.22  | 1.35  | 4.21  | 1.97   | 9.29   | 2.70   |
| 16                   | 0.92                                   | 0.67  | 0.72  | 12.43  | 2.62   | 0.62  | 1.21  | 2.09  | 1.77  | 1.62   | 5.34   | #      |
| 17                   | 1.92                                   | 0.77  | 0.77  | 12.02  | 2.26   | 0.77  | #     | 1.77  | 1.62  | 1.92   | 7.70   | 5.34   |
| 18                   | 1.77                                   | 0.82  | 0.87  | 11.63  | 2.09   | 0.72  | 1.09  | 1.03  | 1.21  | 3.64   | 8.69   | 4.57   |
| 19                   | 1.77                                   | 0.77  | 0.87  | 12.43  | 1.77   | 0.67  | 0.98  | 0.87  | 1.21  | 2.09   | 7.07   | 3.64   |
| 20                   | 1.62                                   | 0.58  | 0.82  | 12.02  | 1.62   | 6.18  | 0.92  | 0.77  | 1.15  | 1.77   | 5.89   | 3.21   |
| 半旬平均                 | 1.60                                   | 0.72  | 0.81  | 12.11  | 2.07   | 1.79  | 1.19  | 1.28  | 1.36  | 2.21   | 6.94   | 4.65   |
| 21                   | 1.47                                   | 0.62  | 0.77  | 10.47  | 1.47   | #     | 9.38  | 0.87  | 0.67  | 1.03   | 4.82   | 3.01   |
| 22                   | 1.62                                   | 0.58  | 0.82  | 9.74   | 1.47   | 6.47  | 0.82  | 0.58  | 0.98  | 1.47   | 4.33   | 2.81   |
| 23                   | #                                      | 2.09  | 0.58  | 1.09   | 10.47  | 1.21  | 4.57  | 0.77  | 0.82  | 0.92   | 4.33   | 2.62   |
| 24                   | 1.03                                   | 0.62  | 1.09  | 12.02  | 1.15   | 3.64  | 0.77  | 0.72  | 0.98  | 1.62   | 3.64   | 2.26   |
| 25                   | 0.92                                   | 0.62  | 1.03  | 10.10  | 1.15   | 2.81  | 0.82  | 0.58  | 2.62  | 1.21   | 3.21   | 2.26   |
| 半旬平均                 | 1.43                                   | 0.60  | 0.96  | 10.56  | 1.29   | 5.37  | 0.81  | 0.67  | 1.31  | 1.57   | 4.07   | 2.59   |
| 26                   | 0.82                                   | 0.58  | 0.98  | 9.03   | 1.62   | 2.26  | 0.77  | 0.54  | 1.47  | 1.62   | 4.82   | 2.09   |
| 27                   | 0.87                                   | 0.72  | 0.92  | 9.38   | 1.09   | 1.92  | 0.67  | 0.50  | 1.47  | 1.15   | 6.47   | 1.92   |
| 28                   | 0.92                                   | 0.72  | 1.15  | 7.07   | 1.03   | 1.62  | 0.67  | 0.42  | 1.15  | 2.81   | 5.34   | 1.92   |
| 29                   | 1.09                                   | 0.67  | 1.77  | 5.61   | 1.21   | 1.47  | 0.62  | 0.42  | 1.92  | 11.24  | 8.69   | 1.92   |
| 30                   | 1.09                                   | 9.03  | 4.82  | 4.82   | 1.09   | 1.15  | 0.62  | 0.46  | 4.33  | 6.18   | 7.07   | 2.09   |
| 31                   | 0.72                                   | #     | 21.91 | 1.03   | 1.03   | 0.58  | 0.50  | 0.50  | 4.09  | 4.09   | 2.09   | 2.09   |
| 半旬平均                 | 0.92                                   | 0.67  | 5.96  | 7.18   | 1.18   | 1.68  | 0.66  | 0.47  | 2.07  | 4.52   | 6.48   | 2.01   |
| 月合計                  | 33.98                                  | 20.12 | 55.54 | 293.72 | 167.81 | 56.36 | 30.24 | 26.07 | 62.67 | 138.75 | 308.94 | 108.64 |
| 月平均                  | 1.10                                   | 0.69  | 1.79  | 9.79   | 5.41   | 1.88  | 0.98  | 0.84  | 2.09  | 4.48   | 10.30  | 3.50   |
| 比流量                  | 0.94                                   | 0.59  | 1.53  | 8.36   | 4.62   | 1.61  | 0.84  | 0.72  | 1.78  | 3.83   | 8.80   | 2.99   |
| 総流出量×10 <sup>3</sup> | 2.95                                   | 1.73  | 4.79  | 25.38  | 14.49  | 4.87  | 2.62  | 2.25  | 5.42  | 12.00  | 26.70  | 9.37   |
| 総流出高(mm)             | 25                                     | 15    | 41    | 217    | 124    | 42    | 22    | 19    | 46    | 102    | 228    | 80     |
| 流域面積                 | 117.1 km <sup>2</sup>                  |       |       |        |        |       |       |       |       |        |        |        |
| 年最大(ピーク)流量           | 95.39 m <sup>3</sup> /s (11月 7日)       |       |       |        |        |       |       |       |       |        |        |        |
| 年最小流量                | 0.35 m <sup>3</sup> /s (9月 8日)         |       |       |        |        |       |       |       |       |        |        |        |
| 年総流出量                | 112.57 ×10 <sup>3</sup> m <sup>3</sup> |       |       |        |        |       |       |       |       |        |        |        |
| 年総流出高                | 961 mm                                 |       |       |        |        |       |       |       |       |        |        |        |
| 観測方法                 | 観測機関 北海道                               |       |       |        |        |       |       |       |       |        |        |        |
| 観測開始年                | 平成 24 ( 2012 ) 年                       |       |       |        |        |       |       |       |       |        |        |        |

# 日流量の月最大値を示す。\* 日流量の月最小値を示す。

水研様式 流量-8 (改)

## 日流量年図

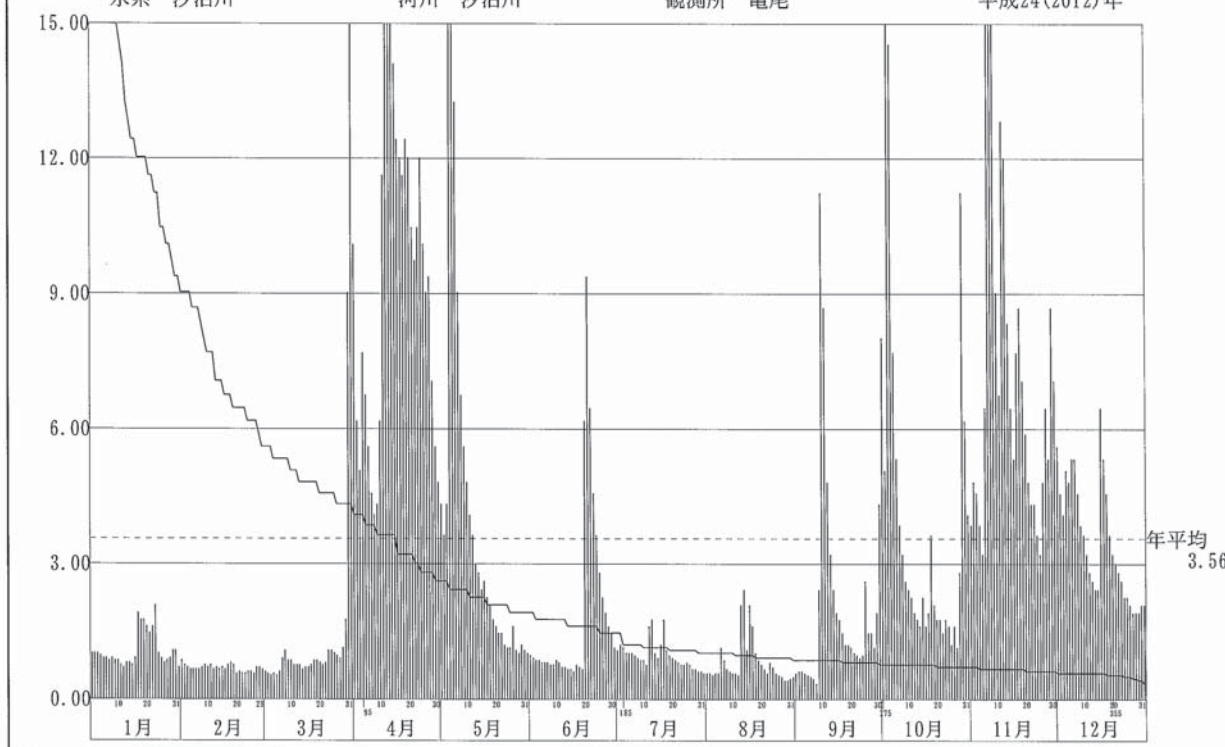
番号 □ 320 24

水系 汐泊川

河川 汐泊川

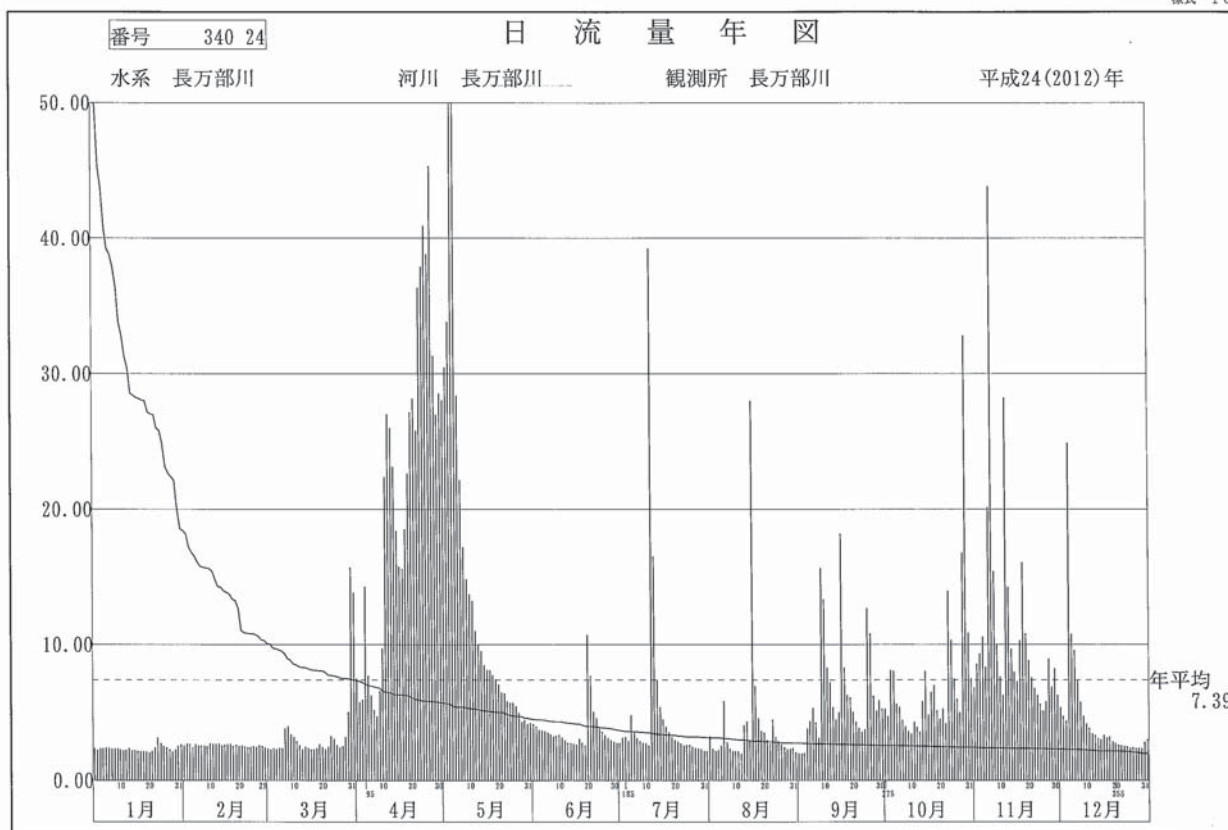
観測所 亀尾

平成24(2012)年



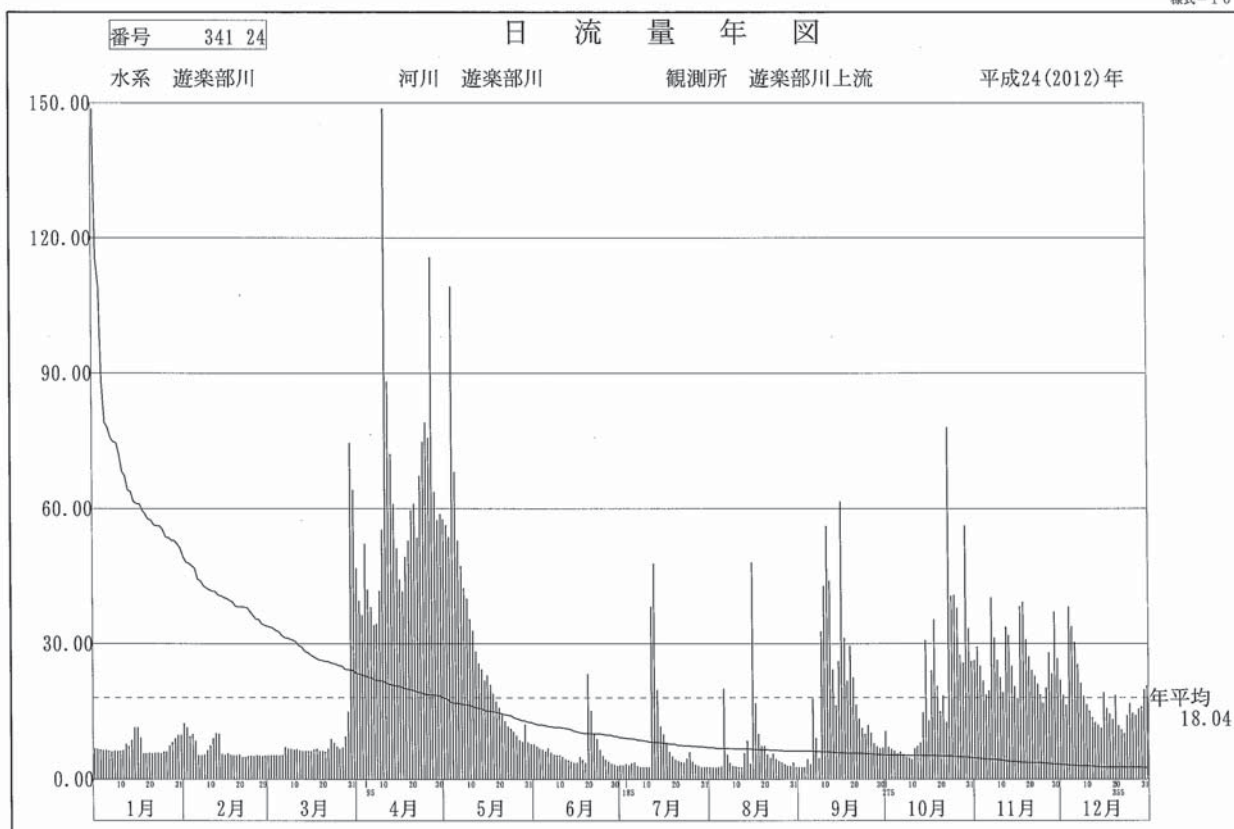
## 日流量年表

| 番 号                          | 340 24                                  | 水 系     | 長万部川   | 河 川    | 長万部川     | 観測所     | 長万部川    | 平成 24 ( 2012 ) 年 |         |         |         |         |
|------------------------------|-----------------------------------------|---------|--------|--------|----------|---------|---------|------------------|---------|---------|---------|---------|
| 日                            | 1                                       | 2       | 3      | 4      | 5        | 6       | 7       | 8                | 9       | 10      | 11      | 12      |
| 1                            | 2.37                                    | 2.55    | 2.36   | 7.49   | 28.05    | 4.15    | 2.76    | 3.25             | 2.00    | 5.27    | 6.82    | 5.38    |
| 2                            | 2.25                                    | 2.70    | 2.28   | 5.76   | 30.47    | 3.97    | 3.16    | 2.34             | 1.98    | 4.72    | 8.58    | 4.73    |
| 3                            | 2.36                                    | 2.69    | 2.36   | 5.94   | 33.83    | 3.71    | 3.21    | 2.16             | 2.03    | 8.12    | 9.33    | 4.38    |
| 4                            | 2.36                                    | 2.43    | 2.30   | 14.27  | # 156.73 | 3.68    | 2.91    | 2.24             | 3.82    | 8.06    | 10.58   | # 24.90 |
| 5                            | 2.41                                    | 2.66    | 2.39   | 7.72   | 53.43    | 3.62    | 4.80    | 2.56             | 4.36    | 5.63    | 8.36    | 10.80   |
| 半旬平均                         | 2.35                                    | 2.61    | 2.34   | 8.24   | 60.50    | 3.83    | 3.37    | 2.51             | 2.84    | 6.36    | 8.73    | 10.04   |
| 6                            | 2.38                                    | 2.56    | 2.37   | 6.26   | 28.40    | 3.52    | 3.54    | 5.84             | 5.34    | 5.40    | 20.15   | 9.60    |
| 7                            | 2.34                                    | 2.56    | 3.84   | 5.18   | 22.17    | 3.40    | 3.10    | 2.81             | 4.25    | 4.45    | # 43.83 | 7.39    |
| 8                            | 2.34                                    | 2.55    | 4.00   | 4.70   | 17.21    | 3.26    | 2.90    | 2.34             | 3.14    | 3.98    | 15.42   | 5.78    |
| 9                            | 2.36                                    | 2.52    | 3.39   | 6.57   | 14.84    | 3.33    | 2.76    | 2.16             | 15.66   | 3.62    | 10.05   | 4.74    |
| 10                           | 2.28                                    | # 2.72  | 3.21   | 9.73   | 13.72    | 3.36    | 2.74    | 2.16             | 13.34   | 3.44    | 7.63    | 4.19    |
| 半旬平均                         | 2.34                                    | 2.58    | 3.36   | 6.49   | 19.27    | 3.37    | 3.01    | 3.06             | 8.35    | 4.18    | 19.42   | 6.34    |
| 11                           | 2.20                                    | 2.68    | 2.88   | 22.40  | 13.24    | 3.17    | 2.57    | 2.15             | 8.31    | 4.31    | 6.30    | 3.86    |
| 12                           | 2.26                                    | 2.68    | 2.60   | 27.02  | 11.02    | 2.96    | # 39.25 | 1.98             | 7.21    | 3.96    | 28.24   | 3.45    |
| 13                           | 2.36                                    | 2.70    | 2.30   | 26.00  | 10.04    | 2.76    | 16.53   | 4.08             | 5.39    | 3.59    | 14.24   | 3.32    |
| 14                           | 2.21                                    | 2.56    | 2.47   | 23.15  | 9.52     | 2.74    | 7.36    | 4.33             | 4.48    | 5.83    | 9.69    | 3.12    |
| 15                           | 2.22                                    | 2.62    | 2.38   | 18.43  | 8.50     | 2.69    | 5.41    | 2.89             | 5.02    | 8.06    | 7.97    | 3.03    |
| 半旬平均                         | 2.25                                    | 2.65    | 2.53   | 23.40  | 10.46    | 2.86    | 14.22   | 3.09             | 6.08    | 5.15    | 13.29   | 3.36    |
| 16                           | 2.16                                    | 2.66    | 2.28   | 15.78  | 8.15     | 2.66    | 4.50    | # 28.01          | # 18.19 | 4.83    | 7.29    | 3.35    |
| 17                           | 2.16                                    | 2.68    | 2.30   | 15.60  | 8.10     | 3.06    | 3.94    | 6.94             | 8.32    | 6.50    | 10.29   | 3.14    |
| 18                           | 2.15                                    | 2.53    | 2.38   | 18.54  | 7.75     | 2.78    | 3.54    | 4.58             | 6.30    | 7.00    | 16.09   | 3.21    |
| 19                           | 2.11                                    | 2.61    | 2.68   | 22.66  | 7.46     | 2.58    | 3.18    | 3.63             | 6.12    | 5.16    | 10.80   | 2.86    |
| 20                           | 2.06                                    | 2.54    | 2.45   | 27.16  | 7.07     | # 10.72 | 2.98    | 3.52             | 5.05    | 4.53    | 8.84    | 2.75    |
| 半旬平均                         | 2.13                                    | 2.60    | 2.42   | 19.95  | 7.71     | 4.36    | 3.63    | 9.34             | 8.80    | 5.60    | 10.66   | 3.06    |
| 21                           | 2.16                                    | 2.56    | 2.29   | 28.17  | 6.47     | 7.70    | 2.86    | 2.98             | 4.32    | 5.28    | 7.57    | 2.63    |
| 22                           | 2.43                                    | 2.49    | 2.47   | 25.82  | 6.42     | 5.06    | 2.72    | 2.69             | 3.87    | 4.20    | 6.80    | 2.59    |
| 23                           | # 3.15                                  | 2.43    | 3.27   | 36.35  | 5.83     | 4.58    | 2.56    | 4.47             | 3.58    | 13.96   | 6.29    | 2.54    |
| 24                           | 2.74                                    | 2.46    | 3.06   | 37.91  | 5.71     | 3.91    | 2.62    | 3.21             | 3.76    | 10.33   | 5.63    | 2.50    |
| 25                           | 2.53                                    | 2.52    | 2.60   | 40.92  | 5.71     | 3.59    | 2.61    | 2.89             | 12.70   | 7.48    | 5.12    | 2.41    |
| 半旬平均                         | 2.60                                    | 2.49    | 2.74   | 33.83  | 6.03     | 4.97    | 2.67    | 3.25             | 5.65    | 8.25    | 6.28    | 2.53    |
| 26                           | 2.43                                    | 2.49    | 2.44   | 38.82  | 5.48     | 3.34    | 2.49    | 2.66             | 10.83   | 6.00    | 5.82    | 2.43    |
| 27                           | 2.28                                    | 2.57    | 2.53   | 45.32  | 4.97     | 3.13    | 2.39    | 2.46             | 6.22    | 5.01    | 8.97    | 2.37    |
| 28                           | 2.12                                    | 2.54    | 3.20   | 31.32  | 4.32     | 2.98    | 2.36    | 2.29             | 5.12    | 16.80   | 6.90    | 2.39    |
| 29                           | 2.27                                    | 2.44    | 5.03   | 26.99  | 4.43     | 2.84    | 2.31    | 2.33             | 5.89    | # 32.81 | 8.23    | 2.36    |
| 30                           | 2.55                                    | # 15.70 | 28.56  | 4.15   | 4.15     | 2.76    | 2.18    | 2.38             | 5.27    | 10.87   | 6.29    | 2.83    |
| 31                           | 2.65                                    | 13.84   | 4.23   | 4.60   | 4.23     | 2.16    | 2.08    | 2.08             | 7.49    | 7.49    | 3.02    | 3.02    |
| 半旬平均                         | 2.38                                    | 2.51    | 7.12   | 34.20  | 4.60     | 3.01    | 2.32    | 2.37             | 6.67    | 13.16   | 7.24    | 2.57    |
| 月合計                          | 72.65                                   | 74.70   | 109.65 | 630.54 | 547.42   | 112.01  | 148.40  | 120.41           | 191.87  | 226.69  | 328.12  | 142.05  |
| 月平均                          | 2.34                                    | 2.58    | 3.54   | 21.02  | 17.66    | 3.73    | 4.79    | 3.88             | 6.40    | 7.31    | 10.94   | 4.58    |
| 比流量                          | 2.63                                    | 2.90    | 3.97   | 23.59  | 19.82    | 4.19    | 5.38    | 4.35             | 7.18    | 8.20    | 12.28   | 5.14    |
| 総流出量×10 <sup>6</sup>         | 6.27                                    | 6.46    | 9.48   | 54.48  | 47.30    | 9.67    | 12.83   | 10.39            | 16.59   | 19.58   | 28.36   | 12.27   |
| 総流出高(mm)                     | 70                                      | 73      | 106    | 611    | 531      | 109     | 144     | 117              | 186     | 220     | 318     | 138     |
| 流域面積                         | 89.1 km <sup>2</sup>                    |         |        |        |          |         |         |                  |         |         |         |         |
| 年最大(ピーク)流量                   | 250.72 m <sup>3</sup> /s ( 5月 4日 9時30分) |         |        |        |          |         |         |                  |         |         |         |         |
| 年最小流量                        | 1.33 m <sup>3</sup> /s ( 2月 4日 5時30分)   |         |        |        |          |         |         |                  |         |         |         |         |
| 年総流出量                        | 233.68 ×10 <sup>6</sup> m <sup>3</sup>  |         |        |        |          |         |         |                  |         |         |         |         |
| 年総流出高                        | 2623 mm                                 |         |        |        |          |         |         |                  |         |         |         |         |
| 観測方法                         | 流速計                                     |         |        |        |          |         |         |                  |         |         |         |         |
| 観測機関                         | 北海道                                     |         |        |        |          |         |         |                  |         |         |         |         |
| 観測開始年                        | 平成 10 年                                 |         |        |        |          |         |         |                  |         |         |         |         |
| # 日流量の月最大値を示す。@ 日流量の月最小値を示す。 |                                         |         |        |        |          |         |         |                  |         |         |         |         |
| 水研様式 流量-8 (改)                |                                         |         |        |        |          |         |         |                  |         |         |         |         |



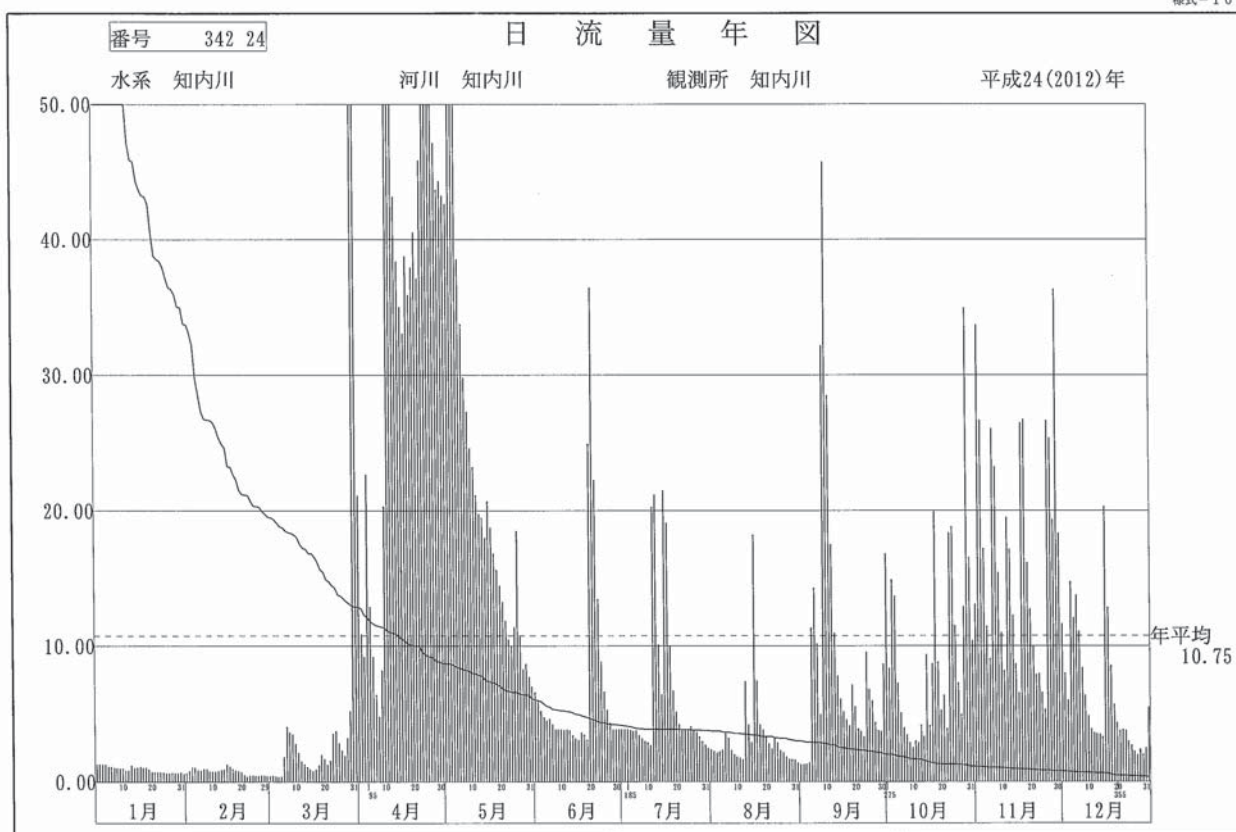
## 日流量年表

| 番 号                  | 341 24 | 水 系 遊楽部川              |   | 河 川 遊楽部川    |        | 観測所 遊楽部川上流               |        | 平成 24 ( 2012 ) 年 |        |         |        |                              |        |                |       |       |  |                                        |  |         |  |
|----------------------|--------|-----------------------|---|-------------|--------|--------------------------|--------|------------------|--------|---------|--------|------------------------------|--------|----------------|-------|-------|--|----------------------------------------|--|---------|--|
| n                    | 日      | 1                     | 2 | 3           | 4      | 5                        | 6      | 7                | 8      | 9       | 10     | 11                           | 12     |                |       |       |  |                                        |  |         |  |
| 1                    |        | 6.79                  | # | 12.34       | 5.26   | 46.76                    | 57.65  | 7.74             | 3.07   | 2.65    | 2.65   | 10.64                        | 26.27  | 21.99          |       |       |  |                                        |  |         |  |
| 2                    |        | 6.68                  |   | 11.46       | 5.30   | 39.52                    | 56.33  | 7.21             | 3.06   | 2.61    | 2.65   | 7.13                         | 29.27  | 18.65          |       |       |  |                                        |  |         |  |
| 3                    |        | 6.52                  |   | 9.46        | 5.25   | 36.27                    | 53.67  | 6.81             | 3.31   | 2.58    | 2.65   | 6.72                         | 25.02  | 16.44          |       |       |  |                                        |  |         |  |
| 4                    |        | 6.40                  |   | 10.02       | 5.28   | 52.17                    | #      | 109.23           | 6.56   | 3.06    | 2.65   | 4.38                         | 6.30   | 21.77          | #     | 38.21 |  |                                        |  |         |  |
| 5                    |        | 6.50                  |   | 8.51        | 5.27   | 41.95                    | 68.19  | 6.16             | 3.54   | 2.80    | 3.32   | 5.66                         | 18.68  | 33.83          |       |       |  |                                        |  |         |  |
| 半旬平均                 |        | 6.58                  |   | 10.36       | 5.27   | 43.33                    | 69.01  | 6.90             | 3.21   | 2.66    | 3.13   | 7.29                         | 24.20  | 25.82          |       |       |  |                                        |  |         |  |
| 6                    |        | 6.24                  |   | 5.32        | 5.32   | 38.06                    | 52.93  | 6.82             | 3.72   | 20.04   | 17.82  | 6.05                         | 19.54  | 30.34          |       |       |  |                                        |  |         |  |
| 7                    |        | 6.12                  |   | 5.28        | 7.03   | 34.08                    | 47.22  | 5.93             | 2.94   | 5.36    | 9.14   | 5.23                         | #      | 40.20          | 25.39 |       |  |                                        |  |         |  |
| 8                    |        | 6.26                  |   | 5.45        | 6.77   | 34.36                    | 42.31  | 5.39             | 2.65   | 3.57    | 4.67   | 4.85                         | 31.31  | 21.28          |       |       |  |                                        |  |         |  |
| 9                    |        | 6.20                  |   | 6.45        | 6.70   | 41.64                    | 39.98  | 5.28             | 2.65   | 2.97    | 32.67  | 4.70                         | 26.38  | 18.37          |       |       |  |                                        |  |         |  |
| 10                   |        | 6.22                  |   | 7.46        | 6.52   | 55.31                    | 35.41  | 5.28             | 2.65   | 2.76    | 42.76  | 4.44                         | 22.46  | 16.57          |       |       |  |                                        |  |         |  |
| 半旬平均                 |        | 6.21                  |   | 5.99        | 6.47   | 40.69                    | 43.57  | 5.74             | 2.92   | 6.94    | 21.41  | 5.05                         | 27.98  | 22.39          |       |       |  |                                        |  |         |  |
| 11                   |        | 6.40                  |   | 9.03        | 6.68   | #                        | 148.72 | 32.90            | 4.93   | 2.65    | 56.11  | 6.83                         | 19.20  | 15.07          |       |       |  |                                        |  |         |  |
| 12                   |        | 7.77                  |   | 10.20       | 6.38   | 88.14                    | 28.31  | 4.44             | 38.21  | 2.60    | 43.94  | 7.34                         | 33.68  | 13.65          |       |       |  |                                        |  |         |  |
| 13                   |        | 7.30                  |   | 10.06       | 6.20   | 72.09                    | 25.59  | 4.16             | #      | 47.82   | 5.75   | 24.24                        | 8.10   | 31.84          | 12.58 |       |  |                                        |  |         |  |
| 14                   |        | 8.65                  |   | 5.59        | 6.22   | 61.10                    | 24.28  | 3.90             | 19.77  | 8.45    | 16.28  | 14.80                        | 25.06  | 11.99          |       |       |  |                                        |  |         |  |
| 15                   |        | 11.44                 |   | 5.37        | 6.20   | 51.22                    | 21.85  | 3.67             | 11.67  | 3.44    | 26.09  | 30.71                        | 20.56  | 11.37          |       |       |  |                                        |  |         |  |
| 半旬平均                 |        | 8.31                  |   | 8.05        | 6.34   | 84.25                    | 26.59  | 4.22             | 24.02  | 4.58    | 33.33  | 13.56                        | 26.07  | 12.93          |       |       |  |                                        |  |         |  |
| 16                   | #      | 11.48                 |   | 5.74        | 6.20   | 44.22                    | 22.94  | 3.67             | 9.95   | #       | 48.08  | 61.54                        | 12.94  | 17.92          | 19.21 |       |  |                                        |  |         |  |
| 17                   |        | 9.17                  |   | 5.36        | 6.58   | 41.58                    | 20.85  | 4.90             | 7.96   | 16.78   | 31.24  | 24.00                        | 38.25  | 15.66          |       |       |  |                                        |  |         |  |
| 18                   |        | 5.75                  |   | 5.34        | 6.68   | 49.33                    | 18.90  | 4.23             | 6.03   | 10.07   | 21.73  | 35.37                        | 39.22  | 14.46          |       |       |  |                                        |  |         |  |
| 19                   |        | 5.70                  |   | 5.32        | 6.24   | 52.91                    | 17.17  | 3.67             | 5.03   | 7.35    | 29.51  | 20.58                        | 30.96  | 13.23          |       |       |  |                                        |  |         |  |
| 20                   |        | 5.83                  |   | 5.46        | 6.20   | 59.60                    | 15.78  | #                | 23.30  | 4.37    | 7.40   | 22.51                        | 15.02  | 27.12          | 18.56 |       |  |                                        |  |         |  |
| 半旬平均                 |        | 7.59                  |   | 5.44        | 6.38   | 49.53                    | 19.13  | 7.95             | 6.67   | 17.94   | 33.31  | 21.58                        | 30.69  | 16.22          |       |       |  |                                        |  |         |  |
| 21                   |        | 5.73                  |   | 4.96        | 6.06   | 61.09                    | 14.26  | 15.15            | 4.02   | 5.51    | 16.52  | 18.48                        | 24.14  | 11.89          |       |       |  |                                        |  |         |  |
| 22                   |        | 5.81                  |   | 4.92        | 6.76   | 53.53                    | 12.90  | 10.10            | 3.79   | 4.71    | 13.40  | 12.60                        | 22.86  | 10.97          |       |       |  |                                        |  |         |  |
| 23                   |        | 5.85                  |   | 5.14        | 8.89   | 67.31                    | 11.64  | 8.93             | 3.67   | 5.63    | 11.26  | #                            | 78.04  | 21.06          | #     | 10.09 |  |                                        |  |         |  |
| 24                   |        | 5.70                  |   | 5.19        | 8.07   | 74.83                    | 11.13  | 6.51             | 4.58   | 4.49    | 10.02  | 40.61                        | 18.74  | 14.09          |       |       |  |                                        |  |         |  |
| 25                   |        | 6.08                  |   | 5.15        | 7.23   | 79.07                    | 10.53  | 5.18             | 5.95   | 3.96    | 11.98  | 40.76                        | 16.86  | 16.79          |       |       |  |                                        |  |         |  |
| 半旬平均                 |        | 5.83                  |   | 5.07        | 7.40   | 67.17                    | 12.09  | 9.17             | 4.40   | 4.86    | 12.64  | 38.10                        | 20.73  | 12.77          |       |       |  |                                        |  |         |  |
| 26                   |        | 6.13                  |   | 5.30        | 6.68   | 75.74                    | 9.69   | 4.32             | 3.91   | 3.66    | 10.28  | 37.98                        | 20.21  | 14.61          |       |       |  |                                        |  |         |  |
| 27                   |        | 7.46                  |   | 5.17        | 7.01   | 115.68                   | 8.65   | 3.86             | 3.24   | 3.27    | 7.98   | 27.43                        | 28.02  | 14.14          |       |       |  |                                        |  |         |  |
| 28                   |        | 8.18                  |   | 5.14        | 9.42   | 63.70                    | 8.24   | 3.45             | 2.93   | 2.97    | 7.26   | 25.75                        | 23.32  | 15.60          |       |       |  |                                        |  |         |  |
| 29                   |        | 8.99                  |   | 5.21        | 14.94  | 57.43                    | 12.09  | 3.21             | 2.65   | 2.97    | 6.85   | 56.22                        | 37.06  | 16.03          |       |       |  |                                        |  |         |  |
| 30                   |        | 9.77                  |   | #           | 74.61  | 58.81                    | 8.14   | #                | 2.65   | 3.66    | 6.98   | 33.40                        | 26.69  | 19.81          |       |       |  |                                        |  |         |  |
| 31                   |        | 9.80                  |   |             | 64.15  | #                        | 7.78   | #                | 2.65   | 2.66    |        | 26.07                        |        | 20.71          |       |       |  |                                        |  |         |  |
| 半旬平均                 |        | 8.39                  |   | 5.21        | 29.47  | 74.27                    | 9.10   | 3.55             | 3.01   | 3.20    | 7.87   | 34.48                        | 27.06  | 16.82          |       |       |  |                                        |  |         |  |
| 月合計                  |        | 222.92                |   | 195.40      | 336.10 | 1796.22                  | 906.54 | 187.69           | 224.15 | 204.05  | 558.43 | 634.75                       | 783.67 | 551.58         |       |       |  |                                        |  |         |  |
| 月平均                  |        | 7.19                  |   | 6.74        | 10.84  | 59.87                    | 29.24  | 6.26             | 7.23   | 6.58    | 18.61  | 20.48                        | 26.12  | 17.79          |       |       |  |                                        |  |         |  |
| 比流量                  |        | 3.00                  |   | 2.81        | 4.53   | 25.00                    | 12.21  | 2.61             | 3.02   | 2.75    | 7.77   | 8.55                         | 10.91  | 7.43           |       |       |  |                                        |  |         |  |
| 総流出量×10 <sup>4</sup> |        | 19.26                 |   | 16.89       | 29.03  | 155.18                   | 78.32  | 16.23            | 19.36  | 17.62   | 48.24  | 54.85                        | 67.70  | 47.65          |       |       |  |                                        |  |         |  |
| 総流出量(mm)             |        | 80                    |   | 71          | 121    | 648                      | 327    | 68               | 81     | 74      | 201    | 229                          | 283    | 199            |       |       |  |                                        |  |         |  |
| 流域面積                 |        | 239.5 km <sup>2</sup> |   | 年最大(ピーク) 流量 |        | 388.25 m <sup>3</sup> /s |        | ( 4月11日19時30分)   |        | 年最小流量   |        | 2.35 m <sup>3</sup> /s       |        | ( 7月 9日21時40分) |       | 年総流出量 |  | 570.33 ×10 <sup>4</sup> m <sup>3</sup> |  | 2381 mm |  |
| 観測方法                 |        | 流速計                   |   | 観測機関        |        | 北海道                      |        | 観測開始年            |        | 平成 10 年 |        | # 日流量の月最大値を示す。# 日流量の月最小値を示す。 |        | 水研様式 流量-8 (改)  |       |       |  |                                        |  |         |  |



## 日流量年表

| 番 号                  | 342 24                | 水 系 知内川 | 河 川 知内川                      | 観測所 知内川 | 平成 24 ( 2012 ) 年        |        |                                       |        |                              |        |               |        |
|----------------------|-----------------------|---------|------------------------------|---------|-------------------------|--------|---------------------------------------|--------|------------------------------|--------|---------------|--------|
| 日                    | 1                     | 2       | 3                            | 4       | 5                       | 6      | 7                                     | 8      | 9                            | 10     | 11            | 12     |
| 1                    | 1.29                  | 0.66    | 0.41                         | 21.14   | 43.25                   | 6.58   | 3.85                                  | 2.39   | 1.27                         | 16.82  | 13.09         | 11.63  |
| 2                    | 1.30                  | 0.79    | 0.46                         | 10.88   | 42.63                   | 5.91   | 3.85                                  | 2.25   | 1.28                         | 8.36   | 33.71         | 7.99   |
| 3                    | 1.28                  | 1.09    | 0.41                         | 9.20    | 51.08                   | 5.21   | 3.85                                  | 2.14   | 1.33                         | 14.89  | 26.70         | 6.02   |
| 4                    | 1.28                  | 1.05    | 0.36                         | 22.68   | 170.44                  | 4.74   | 3.81                                  | 2.21   | 1.40                         | 13.67  | 17.23         | 14.74  |
| 5                    | 1.13                  | 0.86    | 0.39                         | 12.90   | 53.47                   | 4.51   | 3.74                                  | 2.36   | 11.34                        | 7.26   | 11.45         | 12.10  |
| 半旬平均                 | 1.26                  | 0.89    | 0.41                         | 15.36   | 72.17                   | 5.39   | 3.82                                  | 2.27   | 3.32                         | 12.20  | 20.44         | 10.50  |
| 6                    | 1.12                  | 0.84    | 1.83                         | 9.21    | 38.54                   | 4.63   | 3.79                                  | 3.56   | 14.28                        | 5.08   | 9.07          | 13.77  |
| 7                    | 1.05                  | 0.96    | 4.05                         | 6.39    | 33.76                   | 4.23   | 3.43                                  | 3.22   | 10.17                        | 3.98   | 26.06         | 11.10  |
| 8                    | 1.01                  | 0.94    | 3.66                         | 4.80    | 29.79                   | 3.84   | 3.20                                  | 2.33   | 4.96                         | 3.46   | 23.26         | 8.41   |
| 9                    | 0.99                  | 0.78    | 3.50                         | 8.20    | 27.30                   | 3.85   | 3.00                                  | 2.01   | 32.18                        | 2.90   | 15.44         | 6.37   |
| 10                   | 0.97                  | 0.75    | 2.81                         | 20.33   | 24.62                   | 3.85   | 2.90                                  | 1.84   | 45.75                        | 2.53   | 11.01         | 4.86   |
| 半旬平均                 | 1.03                  | 0.85    | 3.17                         | 9.79    | 30.80                   | 4.08   | 3.26                                  | 2.59   | 21.47                        | 3.59   | 16.97         | 8.90   |
| 11                   | 0.85                  | 0.76    | 2.13                         | 89.23   | 23.23                   | 3.80   | 2.69                                  | 1.75   | 28.51                        | 3.02   | 8.19          | 3.90   |
| 12                   | 0.84                  | 0.80    | 1.50                         | 64.50   | 21.16                   | 3.85   | 20.27                                 | 1.65   | 17.51                        | 2.88   | 19.52         | 3.61   |
| 13                   | 1.21                  | 0.88    | 1.30                         | 52.89   | 19.75                   | 3.78   | 21.20                                 | 7.39   | 10.95                        | 4.16   | 17.15         | 3.56   |
| 14                   | 1.02                  | 0.91    | 1.09                         | 43.18   | 19.48                   | 3.42   | 10.10                                 | 4.20   | 7.81                         | 3.35   | 12.28         | 3.50   |
| 15                   | 1.05                  | 1.28    | 0.94                         | 38.39   | 18.00                   | 3.18   | 6.42                                  | 2.90   | 6.10                         | 9.37   | 8.68          | 3.32   |
| 半旬平均                 | 0.99                  | 0.93    | 1.39                         | 57.64   | 20.32                   | 3.61   | 12.14                                 | 3.58   | 14.18                        | 4.56   | 13.16         | 3.58   |
| 16                   | 1.12                  | 1.13    | 0.79                         | 35.02   | 20.70                   | 3.08   | 21.51                                 | 18.21  | 5.17                         | 4.14   | 6.57          | 20.32  |
| 17                   | 1.04                  | 0.95    | 0.92                         | 33.07   | 18.75                   | 3.64   | 19.11                                 | 7.44   | 4.56                         | 8.71   | 26.50         | 12.86  |
| 18                   | 1.04                  | 0.84    | 1.23                         | 38.77   | 16.84                   | 3.45   | 10.00                                 | 4.21   | 4.13                         | 19.94  | 26.75         | 8.55   |
| 19                   | 0.91                  | 0.80    | 2.00                         | 35.91   | 15.63                   | 3.09   | 6.71                                  | 3.84   | 7.13                         | 8.82   | 16.17         | 5.71   |
| 20                   | 0.73                  | 0.73    | 1.69                         | 37.95   | 14.47                   | 24.94  | 5.14                                  | 3.33   | 5.55                         | 5.27   | 12.74         | 4.36   |
| 半旬平均                 | 0.97                  | 0.89    | 1.33                         | 36.14   | 17.28                   | 7.64   | 12.49                                 | 7.41   | 5.31                         | 9.38   | 17.75         | 10.36  |
| 21                   | 0.69                  | 0.52    | 1.26                         | 40.53   | 13.25                   | 36.44  | 4.24                                  | 2.81   | 3.90                         | 6.37   | 9.98          | 3.78   |
| 22                   | 0.69                  | 0.39    | 1.56                         | 37.13   | 11.86                   | 22.27  | 3.85                                  | 2.44   | 3.73                         | 3.93   | 7.90          | 3.85   |
| 23                   | 0.70                  | 0.46    | 3.54                         | 45.87   | 10.49                   | 13.47  | 3.85                                  | 3.18   | 3.33                         | 18.39  | 7.97          | 3.78   |
| 24                   | 0.69                  | 0.48    | 3.74                         | 53.98   | 10.00                   | 8.85   | 3.85                                  | 2.89   | 9.54                         | 18.82  | 6.59          | 3.01   |
| 25                   | 0.65                  | 0.43    | 2.87                         | 54.73   | 11.39                   | 6.64   | 4.07                                  | 2.32   | 6.81                         | 11.52  | 5.33          | 2.70   |
| 半旬平均                 | 0.68                  | 0.46    | 2.59                         | 46.45   | 11.40                   | 17.53  | 3.97                                  | 2.73   | 5.46                         | 11.81  | 7.55          | 3.42   |
| 26                   | 0.64                  | 0.44    | 2.32                         | 57.10   | 18.51                   | 5.30   | 3.84                                  | 2.16   | 5.97                         | 7.29   | 26.67         | 2.25   |
| 27                   | 0.67                  | 0.48    | 1.92                         | 71.28   | 10.69                   | 4.35   | 3.63                                  | 1.87   | 4.37                         | 4.95   | 25.38         | 2.01   |
| 28                   | 0.64                  | 0.47    | 3.24                         | 47.14   | 8.27                    | 3.84   | 3.32                                  | 1.68   | 3.79                         | 12.92  | 19.35         | 2.40   |
| 29                   | 0.65                  | 0.44    | 5.22                         | 43.68   | 8.67                    | 3.85   | 2.97                                  | 1.65   | 3.73                         | 34.97  | 36.33         | 2.02   |
| 30                   | 0.69                  |         | 50.12                        | 44.33   | 7.73                    | 3.85   | 2.71                                  | 1.63   | 8.68                         | 16.56  | 18.33         | 2.51   |
| 31                   | 0.60                  |         | 75.36                        |         | 7.01                    |        | 2.49                                  | 1.40   |                              | 10.41  |               | 5.51   |
| 半旬平均                 | 0.65                  | 0.46    | 23.03                        | 52.71   | 10.15                   | 4.24   | 3.16                                  | 1.73   | 5.31                         | 14.52  | 25.21         | 2.78   |
| 月合計                  | 28.54                 | 21.91   | 182.62                       | 1090.41 | 820.76                  | 212.44 | 197.39                                | 103.26 | 275.23                       | 294.74 | 505.40        | 200.50 |
| 月平均                  | 0.92                  | 0.76    | 5.89                         | 36.35   | 26.48                   | 7.08   | 6.37                                  | 3.33   | 9.17                         | 9.51   | 16.85         | 6.47   |
| 比流量                  | 0.77                  | 0.63    | 4.90                         | 30.24   | 22.03                   | 5.89   | 5.30                                  | 2.77   | 7.63                         | 7.91   | 14.02         | 5.38   |
| 総流出量×10 <sup>3</sup> | 2.46                  | 1.90    | 15.78                        | 94.22   | 70.92                   | 18.35  | 17.06                                 | 8.92   | 23.77                        | 25.47  | 43.68         | 17.33  |
| 総流出高(mm)             | 20                    | 16      | 131                          | 784     | 590                     | 153    | 142                                   | 74     | 198                          | 212    | 363           | 144    |
| 流域面積                 | 120.2 Km <sup>2</sup> |         | 年最大(ピーク)流量 m <sup>3</sup> /s |         | 年最小流量 m <sup>3</sup> /s |        | 年総流出量 ×10 <sup>3</sup> m <sup>3</sup> |        | 年総流出高 mm                     |        |               |        |
|                      | 270.55                |         | ( 5月 4日 4時50分)               |         | 0.36                    |        | ( 3月 5日 21時10分)                       |        | 339.86                       |        | 2827          |        |
| 観測方法                 | 流速計                   |         | 観測機関                         | 北海道     |                         | 観測開始年  | 平成 10 年                               |        | * 日流量の月最大値を示す。* 日流量の月最小値を示す。 |        | 水研様式 流量-8 (改) |        |



## 日流量年表

番号 343 24

水系 松倉川

河川 松倉川

観測所 松倉川

平成 24 ( 2012 ) 年

| 月                            | 1                                      | 2       | 3       | 4      | 5      | 6      | 7      | 8      | 9       | 10         | 11      | 12      |
|------------------------------|----------------------------------------|---------|---------|--------|--------|--------|--------|--------|---------|------------|---------|---------|
| 1                            | 0.72                                   | 0.55    | *       | 5.84   | 6.57   | 0.80   | 0.42   | 0.30   | 0.32    | *          | *       | 4.12    |
| 2                            | 0.89                                   | 0.60    | *       | 3.75   | 6.40   | 0.78   | 0.47   | 0.31   | 0.38    | *          | *       | 3.53    |
| 3                            | 0.50                                   | 0.65    | *       | 3.21   | 7.19   | 0.66   | 0.55   | 0.26   | 0.34    | # ( 10.45) | *       | 3.55    |
| 4                            | 0.54                                   | 0.58    | *       | 5.61   | 32.37  | 0.79   | 0.41   | 0.29   | 0.29    | 6.25       | *       | 6.27    |
| 5                            | 0.45                                   | 0.62    | *       | 4.05   | 16.51  | 0.80   | 0.43   | 0.35   | 0.26    | 3.70       | *       | 4.76    |
| 半旬平均                         | 0.62                                   | 0.60    | *       | 4.49   | 13.81  | 0.77   | 0.46   | 0.30   | 0.32    | ( 6.80)    | *       | 4.45    |
| 6                            | 0.52                                   | 0.53    | *       | 3.24   | 10.73  | 0.70   | 0.52   | 1.36   | 0.57    | 2.66       | *       | 4.95    |
| 7                            | 0.50                                   | 0.63    | *       | 2.41   | 7.72   | 0.70   | 0.38   | 0.69   | 0.45    | 1.94       | *       | 4.20    |
| 8                            | 0.51                                   | 0.53    | *       | 2.25   | 5.70   | 0.52   | 0.40   | 0.39   | 0.33    | 1.79       | 11.85   | 3.73    |
| 9                            | 0.56                                   | 0.52    | *       | 2.63   | 4.38   | 0.24   | 0.51   | 0.39   | 6.08    | 1.52       | 7.86    | 3.83    |
| 10                           | 0.45                                   | 0.48    | *       | 4.82   | 3.79   | 0.40   | 0.50   | 0.29   | # 14.47 | 1.45       | 5.18    | 3.19    |
| 半旬平均                         | 0.51                                   | 0.54    | *       | 3.07   | 6.46   | 0.51   | 0.46   | 0.62   | 4.38    | 1.87       | ( 8.30) | 3.98    |
| 11                           | 0.44                                   | 0.47    | *       | 10.11  | 3.61   | 0.60   | 0.40   | 0.29   | 7.11    | 1.55       | 4.65    | 2.55    |
| 12                           | 0.64                                   | 0.51    | *       | 14.18  | 2.74   | 0.33   | # 2.72 | 0.30   | 4.15    | 1.49       | 11.71   | 2.02    |
| 13                           | 0.59                                   | 0.53    | *       | 11.14  | 2.41   | 0.29   | 1.55   | 3.50   | 2.53    | 1.35       | 8.71    | 1.92    |
| 14                           | 0.45                                   | 0.52    | *       | 10.24  | 2.17   | 0.40   | 0.59   | 1.72   | 2.03    | 1.14       | 6.02    | 2.24    |
| 15                           | 0.51                                   | 0.50    | *       | 9.92   | 1.94   | 0.49   | 0.40   | 0.82   | 1.51    | 2.08       | 4.67    | 1.99    |
| 半旬平均                         | 0.53                                   | 0.51    | *       | 11.12  | 2.57   | 0.42   | 1.13   | 1.33   | 3.47    | 1.52       | 7.15    | 2.14    |
| 16                           | 0.47                                   | 0.50    | *       | 9.02   | 2.50   | 0.45   | 0.90   | # 4.71 | 1.32    | 1.17       | 3.69    | 4.05    |
| 17                           | 0.55                                   | 0.74    | *       | 8.02   | 2.13   | 0.50   | 0.96   | 1.79   | 1.28    | 1.72       | # 12.76 | 2.72    |
| 18                           | 0.45                                   | *       | *       | 7.83   | 1.87   | 0.38   | 0.59   | 0.87   | 1.10    | 2.86       | 10.61   | 2.13    |
| 19                           | 0.44                                   | *       | *       | 8.56   | 1.54   | 0.35   | 0.47   | 0.66   | 1.09    | *          | 6.51    | 1.06    |
| 20                           | 0.52                                   | *       | *       | 8.17   | 1.30   | 2.69   | # 0.25 | 0.56   | 0.99    | *          | 5.43    | 1.33    |
| 半旬平均                         | 0.49                                   | ( 0.62) | *       | 8.32   | 1.87   | 0.87   | 0.63   | 1.72   | 1.16    | ( 1.92)    | 7.80    | 2.26    |
| 21                           | 0.59                                   | *       | # 0.81  | 7.53   | 1.44   | # 2.93 | 0.37   | 0.54   | 0.77    | *          | 3.67    | 1.73    |
| 22                           | 0.95                                   | *       | 0.99    | 7.34   | 1.55   | 2.31   | 0.36   | 0.47   | 0.69    | *          | 3.66    | 1.75    |
| 23                           | 0.68                                   | *       | 1.21    | 9.39   | 1.46   | 1.88   | 0.37   | 0.91   | 0.68    | *          | 3.78    | 1.00    |
| 24                           | 0.54                                   | *       | 1.13    | 11.37  | 1.29   | 1.67   | 0.32   | 0.45   | 1.14    | *          | # 2.36  | ( 0.77) |
| 25                           | 0.60                                   | *       | 1.08    | 10.02  | 1.28   | 1.16   | 0.45   | 0.38   | *       | *          | 2.49    | *       |
| 半旬平均                         | 0.67                                   | *       | 1.04    | 9.13   | 1.40   | 1.99   | 0.37   | 0.55   | ( 0.82) | *          | 3.19    | ( 1.31) |
| 26                           | 0.59                                   | *       | 1.05    | 11.00  | 1.68   | 0.81   | 0.55   | 0.44   | *       | *          | 6.14    | *       |
| 27                           | 0.58                                   | *       | 1.12    | 14.27  | 1.04   | 0.74   | 0.47   | 0.47   | *       | *          | 5.48    | *       |
| 28                           | 0.96                                   | *       | 1.49    | 8.75   | 0.38   | 0.69   | 0.43   | 0.44   | *       | *          | 4.24    | *       |
| 29                           | 1.14                                   | *       | 2.20    | 7.75   | 1.12   | 0.57   | 0.36   | 0.30   | *       | *          | 12.21   | *       |
| 30                           | 1.00                                   | *       | 9.16    | 7.25   | 0.99   | 0.55   | 0.30   | 0.29   | *       | *          | 6.35    | *       |
| 31                           | 0.52                                   | *       | # 13.04 | 0.88   | 0.88   | 0.26   | 0.33   | *      | *       | *          | *       | *       |
| 半旬平均                         | 0.80                                   | *       | 4.68    | 9.80   | 1.02   | 0.67   | 0.40   | 0.38   | *       | *          | 6.88    | *       |
| 月合計                          | 18.85                                  | 9.46    | 33.28   | 229.67 | 136.68 | 26.18  | 17.66  | 24.87  | 49.88   | 43.12      | 150.03  | 69.39   |
| 月平均                          | 0.61                                   | 0.56    | 3.03    | 7.66   | 4.41   | 0.87   | 0.57   | 0.80   | 2.08    | 2.70       | 6.52    | 2.89    |
| 比流量                          | 1.01                                   | 0.93    | 5.01    | 12.66  | 7.29   | 1.44   | 0.94   | 1.32   | 3.44    | 4.46       | 10.78   | 4.78    |
| 観測流量×10 <sup>8</sup>         | 1.63                                   | 1.40    | 8.12    | 19.85  | 11.81  | 2.26   | 1.53   | 2.14   | 5.39    | 7.23       | 16.90   | 7.74    |
| 観測流量(mm)                     | 27                                     | 23      | 134     | 328    | 195    | 37     | 25     | 35     | 89      | 120        | 279     | 128     |
| 流域面積                         | 60.5 Km <sup>2</sup>                   |         |         |        |        |        |        |        |         |            |         |         |
| 年最大(ピーク)流量                   | 49.92 m <sup>3</sup> /s ( 5月 4日11時 0分) |         |         |        |        |        |        |        |         |            |         |         |
| 年最小流量                        | 0.22 m <sup>3</sup> /s ( 9月22日 3時 0分)  |         |         |        |        |        |        |        |         |            |         |         |
| 年総流出量                        | 86.00 ×10 <sup>8</sup> m <sup>3</sup>  |         |         |        |        |        |        |        |         |            |         |         |
| 年総流出高                        | 1421 mm                                |         |         |        |        |        |        |        |         |            |         |         |
| 観測方法                         | 流速計                                    |         |         |        |        |        |        |        |         |            |         |         |
| 観測機関                         | 北海道                                    |         |         |        |        |        |        |        |         |            |         |         |
| 観測開始年                        | 平成 10 年                                |         |         |        |        |        |        |        |         |            |         |         |
| # 日流量の月最大値を示す。* 日流量の月最小値を示す。 |                                        |         |         |        |        |        |        |        |         |            |         |         |
| * 標準式 流量-8 (改)               |                                        |         |         |        |        |        |        |        |         |            |         |         |

## 日流量年図

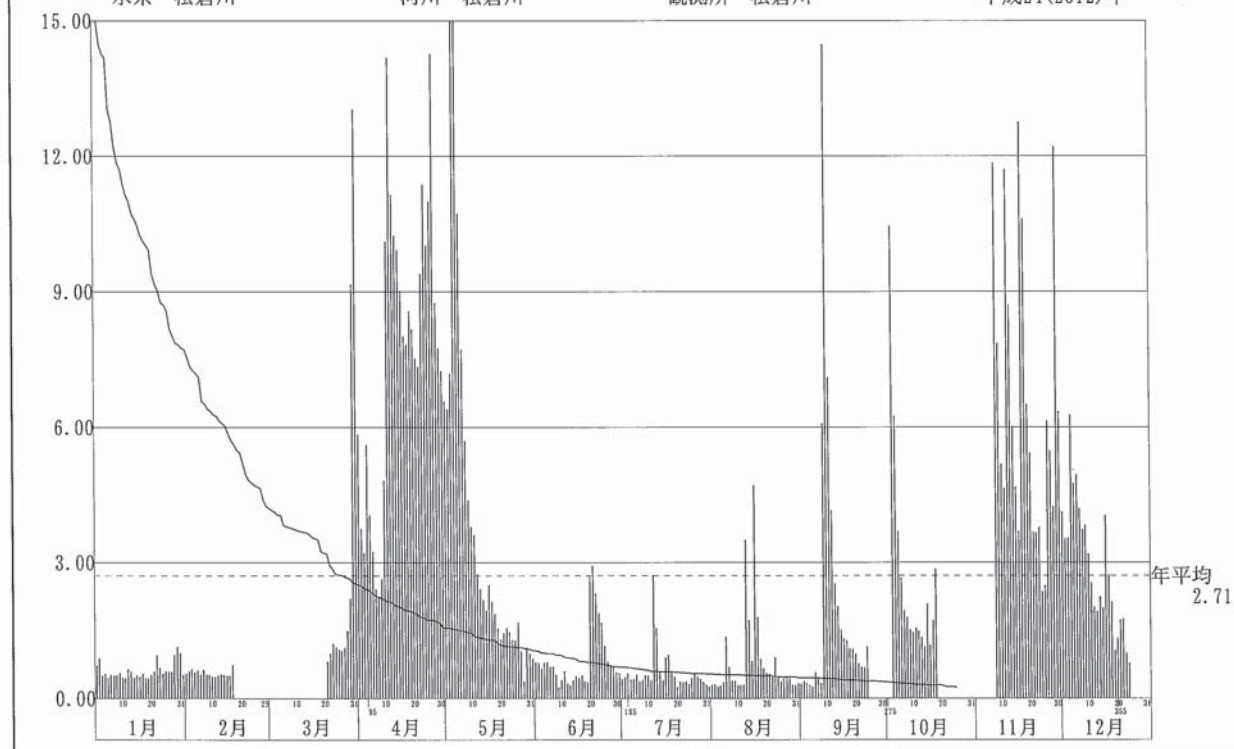
番号 343 24

水系 松倉川

河川 松倉川

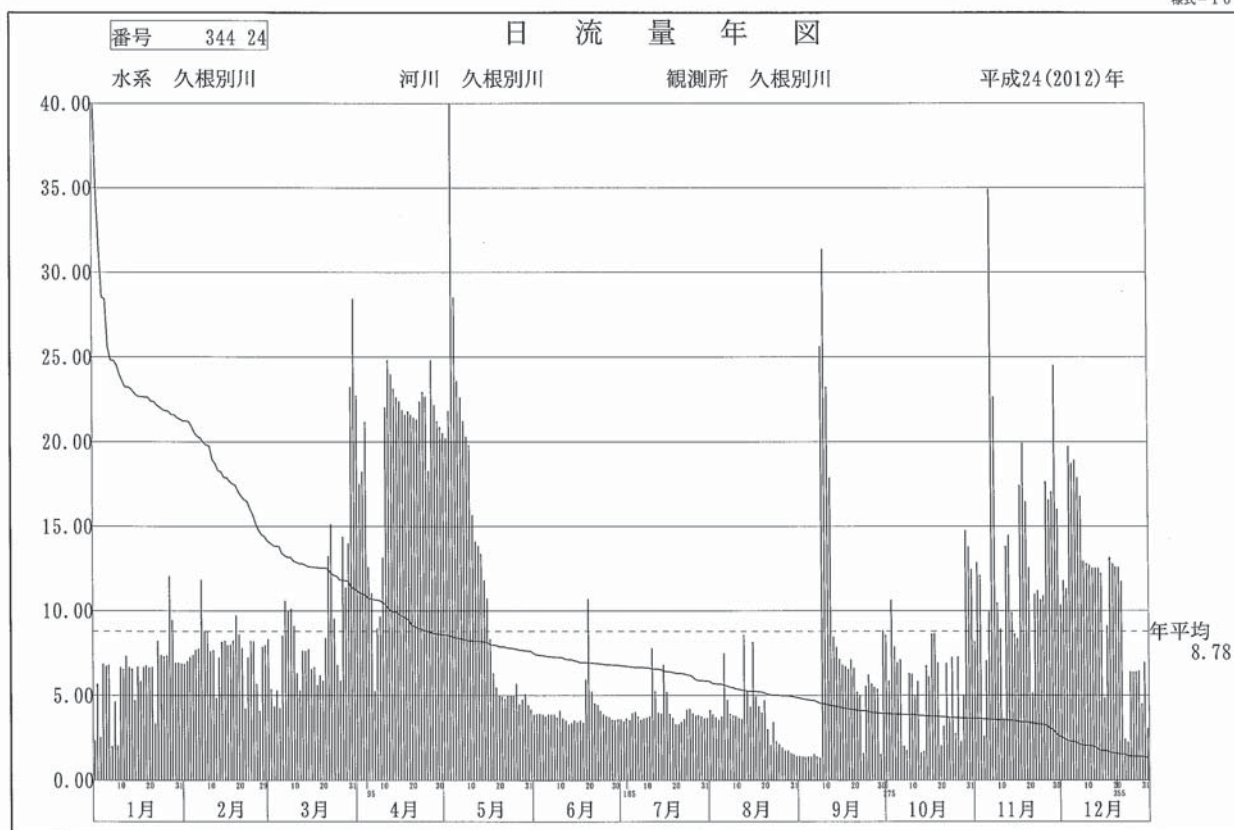
観測所 松倉川

平成24(2012)年



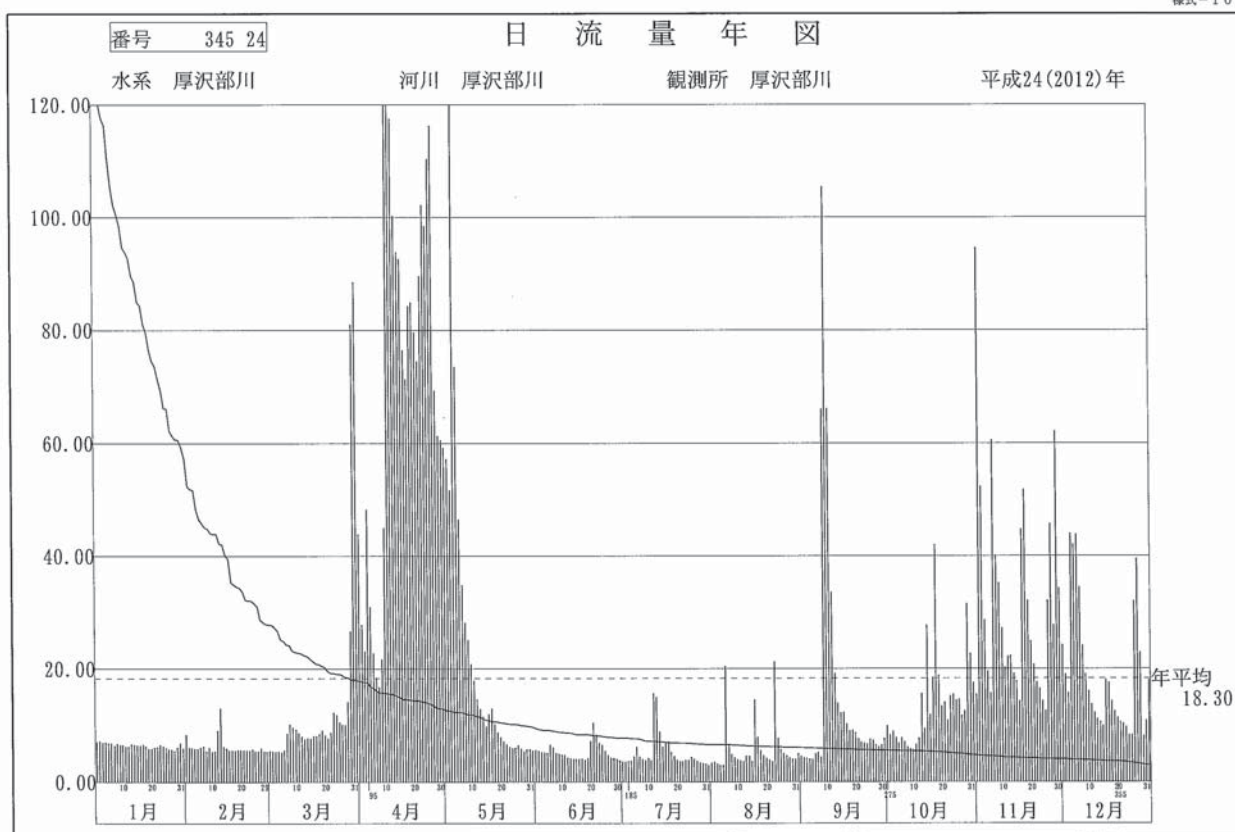
## 日流量年表

| 番 号                  | 水 系 久根別川              |        | 河 川 久根別川                                       |        | 観測所 久根別川                                  |        | 平成 24 ( 2012 ) 年                             |        |               |        |        |        |
|----------------------|-----------------------|--------|------------------------------------------------|--------|-------------------------------------------|--------|----------------------------------------------|--------|---------------|--------|--------|--------|
| 日                    | 1                     | 2      | 3                                              | 4      | 5                                         | 6      | 7                                            | 8      | 9             | 10     | 11     | 12     |
| 1                    | 2.34                  | 6.85   | 8.33                                           | 22.73  | 20.51                                     | 3.87   | 3.60                                         | 4.14   | 1.42          | 8.56   | 8.17   | 10.35  |
| 2                    | 5.67                  | 7.02   | 5.36                                           | 17.51  | 20.21                                     | 3.90   | 3.46                                         | 3.88   | 1.40          | 5.86   | 12.87  | 11.79  |
| 3                    | 2.55                  | 7.25   | 4.35                                           | 18.24  | 21.83                                     | 3.92   | 3.65                                         | 3.70   | 1.37          | 10.64  | 12.10  | 11.32  |
| 4                    | 6.87                  | 7.39   | 5.31                                           | 21.17  | 54.19                                     | 3.88   | 3.55                                         | 3.57   | 1.39          | 7.88   | 2.62   | 19.74  |
| 5                    | 6.74                  | 7.68   | 4.26                                           | 12.60  | 28.52                                     | 3.76   | 3.96                                         | 3.75   | 1.39          | 6.95   | 7.06   | 18.73  |
| 半旬平均                 | 4.83                  | 7.24   | 5.52                                           | 18.45  | 29.05                                     | 3.87   | 3.64                                         | 3.81   | 1.39          | 7.98   | 8.56   | 14.39  |
| 6                    | 6.79                  | 7.77   | 8.52                                           | 11.04  | 23.59                                     | 3.89   | 4.02                                         | 7.48   | 1.54          | 7.11   | 9.93   | 18.92  |
| 7                    | 2.01                  | 11.83  | 10.60                                          | 5.25   | 22.63                                     | 3.88   | 3.77                                         | 4.74   | 1.40          | 2.02   | 34.93  | 17.88  |
| 8                    | 4.64                  | 8.80   | 9.96                                           | 8.95   | 21.22                                     | 3.88   | 3.56                                         | 3.92   | 1.32          | 1.76   | 22.66  | 16.78  |
| 9                    | 2.04                  | 8.76   | 10.11                                          | 9.66   | 20.31                                     | 3.70   | 3.65                                         | 3.81   | 25.63         | 6.31   | 10.48  | 12.94  |
| 10                   | 6.65                  | 7.61   | 9.10                                           | 13.16  | 19.80                                     | 4.09   | 3.69                                         | 3.78   | 31.37         | 6.27   | 8.94   | 12.79  |
| 半旬平均                 | 4.43                  | 8.95   | 9.66                                           | 9.61   | 21.51                                     | 3.89   | 3.74                                         | 4.75   | 12.25         | 4.69   | 17.39  | 15.86  |
| 11                   | 6.55                  | 7.67   | 6.32                                           | 22.03  | 15.68                                     | 3.65   | 3.75                                         | 3.67   | 23.24         | 4.97   | 3.64   | 12.72  |
| 12                   | 7.32                  | 4.85   | 5.29                                           | 24.81  | 14.11                                     | 3.52   | 7.79                                         | 3.61   | 17.88         | 5.84   | 13.82  | 12.54  |
| 13                   | 6.66                  | 7.24   | 7.64                                           | 23.99  | 13.85                                     | 3.29   | 5.24                                         | 8.57   | 8.46          | 1.63   | 14.49  | 12.54  |
| 14                   | 6.57                  | 8.16   | 7.63                                           | 23.14  | 13.39                                     | 3.36   | 3.98                                         | 5.23   | 7.86          | 1.70   | 9.92   | 12.54  |
| 15                   | 4.70                  | 8.23   | 7.73                                           | 22.63  | 11.81                                     | 3.54   | 3.93                                         | 4.33   | 7.14          | 6.77   | 8.64   | 12.22  |
| 半旬平均                 | 6.36                  | 7.23   | 6.92                                           | 23.32  | 13.77                                     | 3.47   | 4.94                                         | 5.08   | 12.92         | 4.18   | 10.10  | 12.51  |
| 16                   | 6.70                  | 7.97   | 6.55                                           | 22.39  | 10.73                                     | 3.43   | 6.81                                         | 8.14   | 6.81          | 6.12   | 8.37   | 4.87   |
| 17                   | 5.83                  | 7.99   | 6.67                                           | 21.89  | 8.32                                      | 3.53   | 5.21                                         | 4.93   | 6.73          | 8.63   | 17.43  | 9.11   |
| 18                   | 6.67                  | 8.24   | 5.60                                           | 21.60  | 6.30                                      | 3.40   | 3.93                                         | 4.35   | 6.53          | 8.67   | 19.94  | 13.16  |
| 19                   | 6.78                  | 9.72   | 6.19                                           | 21.79  | 5.47                                      | 5.94   | 3.68                                         | 3.99   | 7.12          | 6.94   | 16.46  | 12.79  |
| 20                   | 6.65                  | 8.61   | 5.87                                           | 21.60  | 5.00                                      | 10.70  | 3.30                                         | 4.72   | 6.61          | 2.05   | 12.56  | 12.61  |
| 半旬平均                 | 6.53                  | 8.51   | 6.18                                           | 21.85  | 7.16                                      | 5.40   | 4.59                                         | 5.23   | 6.76          | 6.48   | 14.95  | 10.51  |
| 21                   | 6.68                  | 7.80   | 8.40                                           | 21.42  | 4.95                                      | 5.24   | 3.29                                         | 3.01   | 5.20          | 3.21   | 5.14   | 12.58  |
| 22                   | 3.34                  | 4.23   | 13.25                                          | 21.32  | 4.81                                      | 4.54   | 3.43                                         | 2.08   | 5.02          | 6.90   | 11.00  | 11.75  |
| 23                   | 8.22                  | 7.24   | 15.13                                          | 22.37  | 5.00                                      | 4.44   | 3.61                                         | 3.42   | 1.58          | 3.65   | 11.20  | 2.44   |
| 24                   | 7.38                  | 8.22   | 9.55                                           | 22.94  | 4.98                                      | 4.09   | 4.16                                         | 2.29   | 5.56          | 7.26   | 10.65  | 2.25   |
| 25                   | 7.30                  | 8.19   | 6.80                                           | 22.67  | 4.98                                      | 3.89   | 4.21                                         | 2.13   | 6.22          | 2.76   | 10.90  | 6.40   |
| 半旬平均                 | 6.58                  | 7.14   | 10.63                                          | 22.14  | 4.94                                      | 4.44   | 3.74                                         | 2.59   | 4.72          | 4.76   | 9.78   | 7.08   |
| 26                   | 7.36                  | 5.66   | 5.88                                           | 18.28  | 5.70                                      | 3.78   | 3.94                                         | 1.93   | 5.69          | 7.29   | 17.64  | 6.37   |
| 27                   | 12.05                 | 4.09   | 14.39                                          | 24.81  | 4.49                                      | 3.72   | 3.81                                         | 1.75   | 5.49          | 2.28   | 16.58  | 6.40   |
| 28                   | 9.45                  | 7.86   | 11.37                                          | 22.16  | 4.77                                      | 3.56   | 3.84                                         | 1.75   | 5.39          | 5.01   | 17.05  | 6.45   |
| 29                   | 6.92                  | 7.98   | 14.00                                          | 21.22  | 5.08                                      | 3.55   | 3.77                                         | 1.60   | 1.52          | 14.77  | 24.52  | 4.51   |
| 30                   | 6.92                  | 23.24  | 20.87                                          | 4.43   | 4.43                                      | 3.59   | 3.65                                         | 1.53   | 8.83          | 13.81  | 16.02  | 6.95   |
| 31                   | 6.88                  | 28.43  | 4.17                                           | 4.17   | 4.17                                      | 3.67   | 3.67                                         | 1.42   | 12.47         | 12.47  | 3.05   | 3.05   |
| 半旬平均                 | 8.26                  | 6.40   | 16.22                                          | 21.47  | 4.77                                      | 3.64   | 3.78                                         | 1.66   | 5.38          | 9.27   | 18.36  | 5.62   |
| 月合計                  | 193.23                | 220.91 | 291.83                                         | 584.24 | 410.83                                    | 123.53 | 125.91                                       | 117.22 | 217.11        | 196.09 | 395.73 | 335.49 |
| 月平均                  | 6.23                  | 7.62   | 9.41                                           | 19.47  | 13.25                                     | 4.12   | 4.06                                         | 3.78   | 7.24          | 6.33   | 13.19  | 10.82  |
| 比流量                  | 5.07                  | 6.20   | 7.66                                           | 15.84  | 10.78                                     | 3.35   | 3.30                                         | 3.08   | 5.89          | 5.15   | 10.73  | 8.80   |
| 観流出量×10 <sup>3</sup> | 16.69                 | 19.09  | 25.20                                          | 50.47  | 35.49                                     | 10.68  | 10.87                                        | 10.12  | 18.77         | 16.95  | 34.19  | 28.98  |
| 観流出高(mm)             | 136                   | 155    | 205                                            | 411    | 289                                       | 87     | 88                                           | 82     | 153           | 138    | 278    | 236    |
| 流域面積                 | 122.9 km <sup>2</sup> |        | 年最大(ピーク)流量 88.83 m <sup>3</sup> /s (5月4日9時40分) |        | 年最小流量 1.12 m <sup>3</sup> /s (2月2日10時30分) |        | 年総流出量 277.50 ×10 <sup>3</sup> m <sup>3</sup> |        | 年総流出高 2258 mm |        |        |        |
| 観測方法                 | 流速計                   |        | 観測機関 北海道                                       |        | 観測開始年 平成 10 年                             |        | ※ 日流量の月最大値を示す。◎ 日流量の月最小値を示す。                 |        | 水研様式 流量-8 (改) |        |        |        |



## 日流量年表

| 番 号                  |   | 345 24 |                 | 水 系 厚沢部川   |          | 河 川 厚沢部川          |                              | 観測所 厚沢部川 |         | 平成 24 ( 2012 ) 年  |                |        |        |                                 |
|----------------------|---|--------|-----------------|------------|----------|-------------------|------------------------------|----------|---------|-------------------|----------------|--------|--------|---------------------------------|
| 日                    | 月 | 1      | 2               | 3          | 4        | 5                 | 6                            | 7        | 8       | 9                 | 10             | 11     | 12     |                                 |
| 1                    |   | 7.09   | 8.34            | 5.50       | 43.87    | 59.21             | 5.61                         | 3.62     | 3.39    | 4.58              | 9.94           | 15.46  | 24.22  |                                 |
| 2                    | # | 7.23   | 6.11            | 5.44       | 27.79    | 57.24             | 5.49                         | 3.58     | 3.56    | 4.33              | 8.36           | 94.58  | 19.08  |                                 |
| 3                    |   | 6.93   | 6.04            | 5.35       | 23.11    | 51.72             | 5.28                         | 3.68     | 3.25    | 4.19              | 8.96           | 52.36  | 15.74  |                                 |
| 4                    |   | 6.98   | 5.91            | 5.43       | 48.26    | # 177.62          | 5.22                         | 3.76     | 2.99    | 4.09              | 7.89           | 28.63  | 43.98  |                                 |
| 5                    |   | 6.85   | 5.87            | 5.28       | 31.02    | 73.54             | 5.09                         | 4.51     | 3.00    | 4.02              | 6.86           | 19.58  | 42.12  |                                 |
| 半旬平均                 |   | 7.02   | 6.45            | 5.40       | 34.81    | 83.87             | 5.34                         | 3.83     | 3.24    | 4.24              | 8.40           | 42.12  | 29.03  |                                 |
| 6                    |   | 6.90   | 6.09            | 5.64       | 22.80    | 46.50             | 6.57                         | 6.21     | 20.45   | 5.00              | 7.83           | 15.74  | 43.89  |                                 |
| 7                    |   | 6.43   | 6.33            | 8.64       | 18.48    | 34.86             | 6.13                         | 4.49     | 6.51    | 5.24              | 7.14           | 60.59  | 34.51  |                                 |
| 8                    |   | 6.80   | 5.46            | 10.21      | # 16.79  | 28.18             | 5.14                         | 4.03     | 4.91    | 4.46              | 6.23           | 40.10  | 24.15  |                                 |
| 9                    |   | 6.58   | 6.08            | 9.68       | 21.72    | 25.12             | 4.96                         | 3.86     | 4.32    | 66.08             | 5.86           | 35.25  | 19.07  |                                 |
| 10                   |   | 6.58   | 5.38            | 9.27       | 45.03    | 20.86             | 4.81                         | 4.23     | 3.99    | # 105.50          | 5.74           | 27.21  | 16.10  |                                 |
| 半旬平均                 |   | 6.66   | 5.87            | 8.69       | 24.96    | 31.10             | 5.52                         | 4.56     | 8.04    | 37.26             | 6.56           | 35.78  | 27.54  |                                 |
| 11                   |   | 6.27   | 5.47            | 8.65       | 133.75   | 17.92             | 4.80                         | 3.86     | 3.77    | 66.18             | 6.66           | 20.29  | 13.75  |                                 |
| 12                   |   | 6.25   | 9.09            | 8.03       | # 166.86 | 14.59             | 4.29                         | # 15.66  | 3.63    | 33.61             | 7.74           | 22.21  | 12.28  |                                 |
| 13                   |   | 6.70   | # 13.03         | 7.62       | 117.58   | 12.92             | 4.19                         | 15.01    | 4.63    | 19.20             | 15.59          | 22.34  | 11.17  |                                 |
| 14                   |   | 6.59   | 6.28            | 7.78       | 100.30   | 11.56             | 4.10                         | 8.90     | 4.58    | 13.88             | 9.47           | 19.22  | 10.65  |                                 |
| 15                   |   | 6.48   | 5.98            | 7.67       | 93.86    | 9.83              | 4.08                         | 6.24     | 3.66    | 12.26             | 27.71          | 17.87  | 9.97   |                                 |
| 半旬平均                 |   | 6.46   | 7.97            | 7.95       | 122.47   | 13.36             | 4.29                         | 9.93     | 4.05    | 29.03             | 13.43          | 20.39  | 11.56  |                                 |
| 16                   |   | 6.45   | 5.60            | 8.12       | 92.65    | 11.97             | 4.05                         | 6.82     | 14.56   | 12.33             | 11.88          | 14.34  | 18.07  |                                 |
| 17                   |   | 6.61   | 5.59            | 8.12       | 76.54    | 13.01             | 4.16                         | 7.16     | 7.97    | 10.26             | 18.45          | 44.78  | 17.57  |                                 |
| 18                   |   | 6.33   | 5.53            | 8.52       | 71.35    | 10.16             | 3.94                         | 5.31     | 5.61    | 9.09              | # 42.02        | 51.81  | 14.36  |                                 |
| 19                   |   | 5.89   | 5.65            | 9.11       | 84.31    | 8.78              | 4.21                         | 4.57     | 4.68    | 9.20              | 18.84          | 32.15  | 12.53  |                                 |
| 20                   |   | 5.95   | 5.65            | 8.29       | 84.95    | 7.90              | 7.22                         | 3.93     | 4.23    | 8.69              | 13.43          | 24.88  | 11.41  |                                 |
| 半旬平均                 |   | 6.25   | 5.60            | 8.43       | 81.96    | 10.36             | 4.72                         | 5.56     | 7.41    | 9.91              | 20.92          | 33.59  | 14.79  |                                 |
| 21                   |   | 6.09   | 5.65            | 7.72       | 79.65    | 7.21              | # 10.45                      | 3.66     | 3.92    | 7.65              | 14.11          | 20.76  | 10.65  |                                 |
| 22                   |   | 6.20   | 5.59            | 8.75       | 74.53    | 6.65              | 8.35                         | 3.69     | 3.63    | 7.09              | 10.89          | 17.69  | 10.38  |                                 |
| 23                   |   | 6.58   | 5.59            | 12.30      | 89.61    | 6.22              | 6.91                         | 3.91     | # 21.27 | 6.86              | 15.20          | 16.55  | 9.77   |                                 |
| 24                   |   | 6.36   | 5.77            | 11.87      | 102.25   | 5.99              | 6.60                         | 3.90     | 7.75    | 6.73              | 15.52          | 14.36  | 8.36   |                                 |
| 25                   |   | 6.05   | 5.47            | 10.59      | 98.49    | 6.05              | 5.52                         | 4.39     | 5.79    | 7.57              | 14.46          | 12.64  | 8.36   |                                 |
| 半旬平均                 |   | 6.26   | 5.61            | 10.25      | 88.91    | 6.42              | 7.57                         | 3.91     | 8.47    | 7.18              | 14.04          | 16.40  | 9.50   |                                 |
| 26                   |   | 5.85   | 5.44            | 10.15      | 110.42   | 6.50              | 4.77                         | 4.07     | 5.07    | 7.38              | 14.59          | 32.09  | 32.01  |                                 |
| 27                   |   | 5.74   | 6.01            | 10.12      | 116.30   | 5.88              | 4.34                         | 3.74     | 4.66    | 6.60              | 11.74          | 45.77  | 39.55  |                                 |
| 28                   | # | 5.55   | 5.46            | 14.16      | 69.39    | 5.41              | 4.23                         | 3.45     | 4.33    | 6.25              | 12.61          | 27.84  | 22.95  |                                 |
| 29                   | # | 6.14   | 5.38            | 26.65      | 61.31    | 5.75              | 4.06                         | 3.31     | 4.09    | 6.57              | 31.54          | 62.19  | # 8.17 |                                 |
| 30                   |   | 6.90   |                 | 81.04      | 60.59    | 5.79              | # 3.79                       | 3.18     | 4.05    | 7.72              | 22.69          | 34.34  | 10.88  |                                 |
| 31                   |   | 5.97   | #               | 88.53      |          | 5.56              |                              | 3.01     | 5.01    |                   | 17.58          |        | 18.05  |                                 |
| 半旬平均                 |   | 6.03   | 5.57            | 38.44      | 83.60    | 5.82              | 4.24                         | 3.46     | 4.54    | 6.90              | 18.46          | 40.45  | 21.94  |                                 |
| 月合計                  |   | 199.32 | 179.84          | 434.23     | 2183.56  | 760.50            | 158.36                       | 159.74   | 183.26  | 472.61            | 427.53         | 943.62 | 593.75 |                                 |
| 月平均                  |   | 6.43   | 6.20            | 14.01      | 72.79    | 24.53             | 5.28                         | 5.15     | 5.91    | 15.75             | 13.79          | 31.45  | 19.15  |                                 |
| 比流量                  |   | 1.44   | 1.38            | 3.13       | 16.26    | 5.48              | 1.18                         | 1.15     | 1.32    | 3.52              | 3.08           | 7.02   | 4.28   |                                 |
| 総流出量×10 <sup>3</sup> |   | 17.22  | 15.53           | 37.52      | 188.67   | 65.70             | 13.69                        | 13.79    | 15.83   | 40.82             | 36.94          | 81.52  | 51.29  |                                 |
| 総流出高(mm)             |   | 38     | 35              | 84         | 421      | 147               | 31                           | 31       | 35      | 91                | 83             | 182    | 115    |                                 |
| 流域面積                 |   | 447.7  | km <sup>2</sup> | 年最大(ピーク)流量 | 380.57   | m <sup>3</sup> /s | ( 4月11日22時20分)               | 年最小流量    | 2.66    | m <sup>3</sup> /s | ( 7月31日 4時30分) | 年総流出量  | 578.52 | ×10 <sup>3</sup> m <sup>3</sup> |
| 観測方法                 |   | 流速計    | 観測機関            | 北海道        | 観測開始年    | 平成 10 年           | # 日流量の月最大値を示す。# 日流量の月最小値を示す。 |          |         |                   |                |        |        |                                 |
| 水研様式 流量-8 (改)        |   |        |                 |            |          |                   |                              |          |         |                   |                |        |        |                                 |



## 日流量年表

番号 346 24

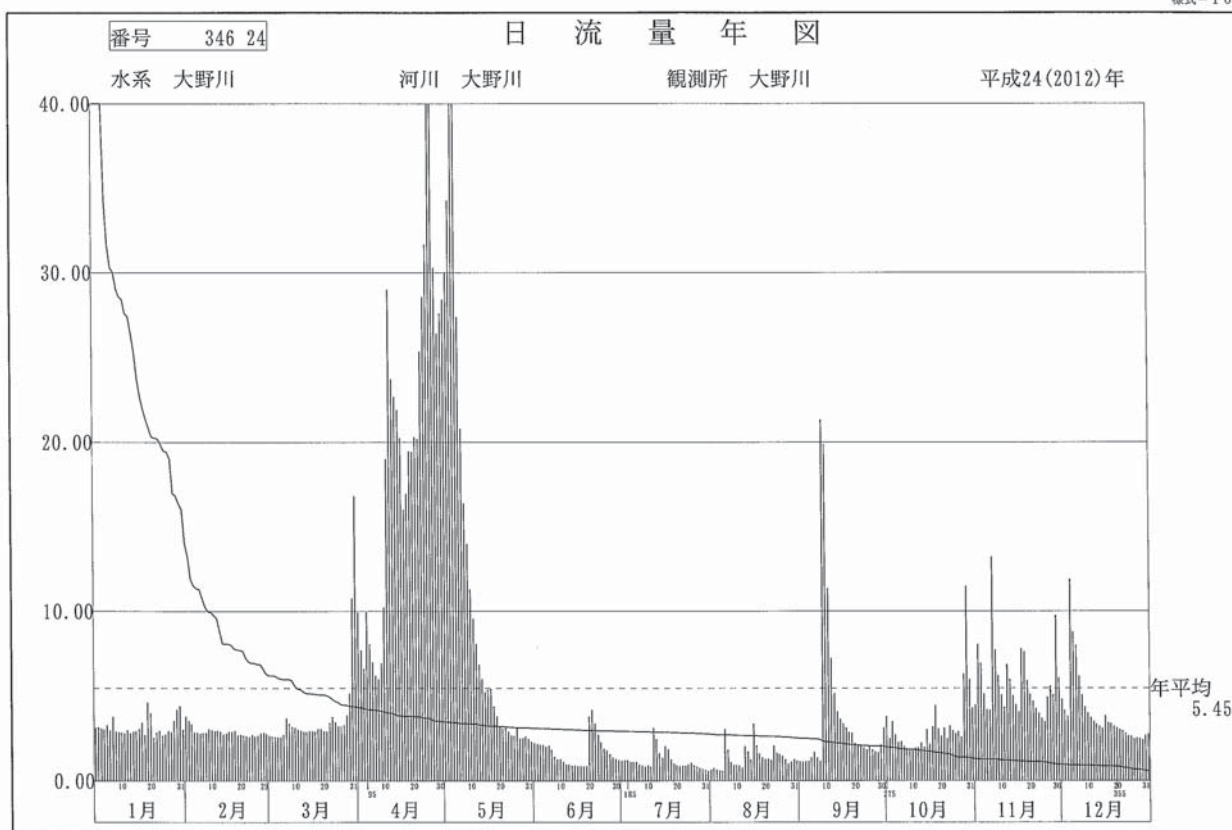
水系 大野川

河川 大野川

観測所 大野川

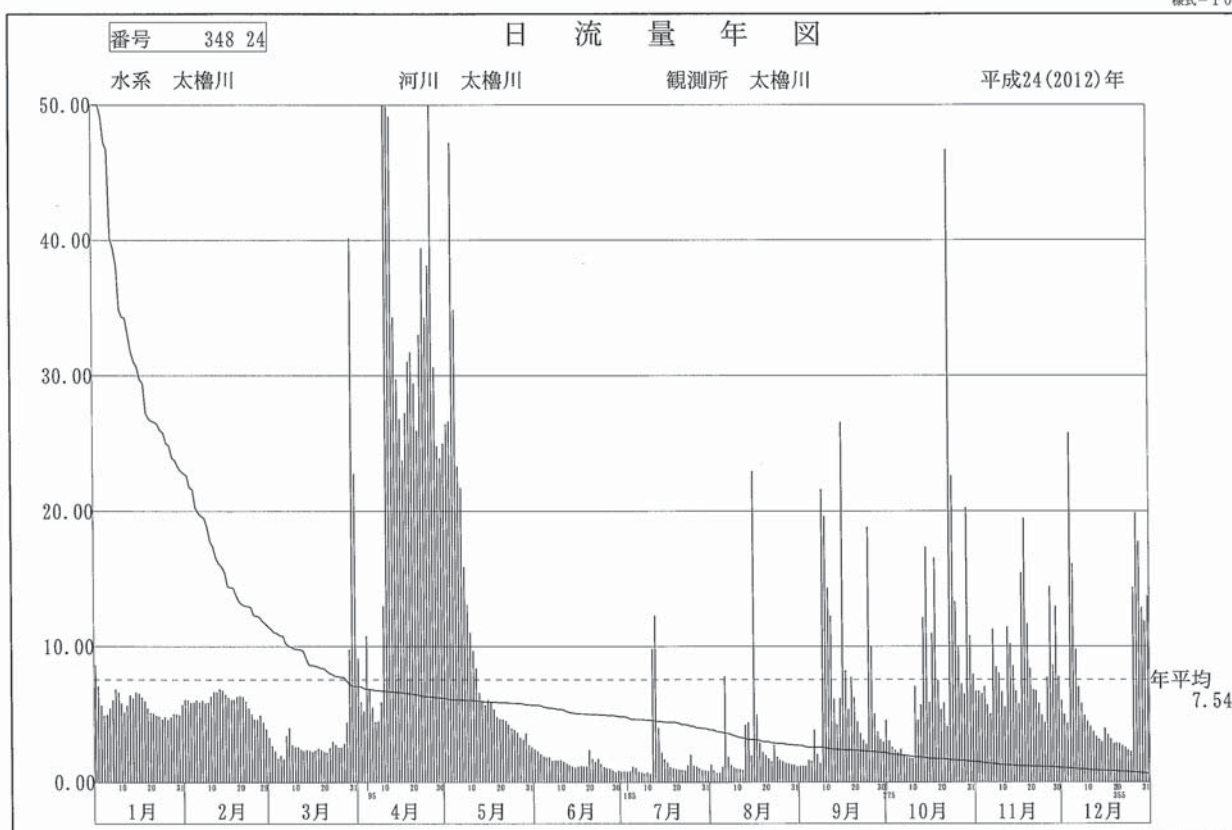
平成 24 ( 2012 ) 年

| 日                    | 1                     | 2     | 3                                        | 4      | 5                                      | 6        | 7                                      | 8      | 9       | 10       | 11                           | 12      |         |
|----------------------|-----------------------|-------|------------------------------------------|--------|----------------------------------------|----------|----------------------------------------|--------|---------|----------|------------------------------|---------|---------|
| 1                    | 3.14                  | #     | 3.80                                     | 2.65   | 9.94                                   | 28.41    | 2.22                                   | 1.19   | 0.67    | 1.14     | 3.81                         | 4.47    | 4.81    |
| 2                    | 3.15                  |       | 3.53                                     | 2.62   | 7.69                                   | 30.03    | 2.17                                   | 1.23   | 0.75    | 1.13     | 2.51                         | 8.05    | 4.16    |
| 3                    | 3.08                  |       | 3.34                                     | 2.59   | 6.59                                   | 34.29    | 2.12                                   | 1.20   | 0.66    | 1.15     | 3.49                         | 6.93    | 3.82    |
| 4                    | 3.03                  |       | 2.86                                     | 2.58   | 9.96                                   | # 140.88 | 2.12                                   | 1.12   | 0.62    | 1.17     | 2.72                         | 5.12    | # 11.89 |
| 5                    | 3.28                  |       | 2.85                                     | 2.58   | 8.07                                   | 50.11    | 2.03                                   | 1.12   | 0.58    | 1.38     | 2.28                         | 4.19    | 8.78    |
| 半旬平均                 | 3.14                  | 3.28  | 2.60                                     | 8.45   | 56.74                                  | 2.13     | 1.17                                   | 0.66   | 1.19    | 2.96     | 5.75                         | 6.69    |         |
| 6                    | 2.97                  |       | 2.78                                     | 2.71   | 7.00                                   | 27.40    | 2.07                                   | 1.11   | 3.05    | 1.70     | 2.33                         | 4.16    | 7.98    |
| 7                    | 3.77                  |       | 2.82                                     | 3.69   | 6.19                                   | 20.79    | 1.85                                   | 0.98   | 1.83    | 1.38     | 2.04                         | # 13.21 | 6.18    |
| 8                    | 2.90                  |       | 2.84                                     | 3.35   | 5.98                                   | 16.38    | 1.42                                   | 0.90   | 1.10    | 1.16     | 1.87                         | 7.71    | 5.08    |
| 9                    | 2.87                  |       | 3.05                                     | 3.19   | 6.92                                   | 14.00    | 1.26                                   | 0.84   | 0.93    | # 21.33  | 1.77                         | 6.19    | 4.37    |
| 10                   | 2.86                  |       | 2.99                                     | 3.13   | 10.24                                  | 11.29    | 1.29                                   | 0.92   | 0.93    | 19.86    | 1.77                         | 5.07    | 4.00    |
| 半旬平均                 | 3.07                  | 2.90  | 3.21                                     | 7.27   | 17.97                                  | 1.58     | 0.95                                   | 1.57   | 9.09    | 1.96     | 7.27                         | 5.52    |         |
| 11                   | 2.80                  |       | 2.95                                     | 3.03   | 19.02                                  | 9.56     | 1.13                                   | 0.84   | 0.89    | 11.34    | 1.95                         | 4.33    | 3.73    |
| 12                   | 2.99                  |       | 2.97                                     | 2.96   | 29.01                                  | 8.07     | 0.98                                   | # 3.10 | 0.77    | 7.22     | 1.97                         | 6.85    | 3.51    |
| 13                   | 2.82                  |       | 2.92                                     | 2.90   | 23.72                                  | 6.85     | 0.95                                   | 2.46   | 2.04    | 5.15     | 2.24                         | 5.97    | 3.35    |
| 14                   | 2.90                  |       | 2.73                                     | 2.88   | 22.68                                  | 6.00     | 0.90                                   | 1.64   | 1.73    | ( 1.99 ) | 5.02                         | 3.22    |         |
| 15                   | 2.94                  |       | 2.79                                     | 2.93   | 21.92                                  | 5.23     | 0.90                                   | 1.36   | 1.27    | 3.64     | 3.03                         | 4.49    | 3.10    |
| 半旬平均                 | 2.89                  | 2.87  | 2.94                                     | 23.27  | 7.14                                   | 0.97     | 1.88                                   | 1.34   | 6.29    | 2.24     | 5.33                         | 3.38    |         |
| 16                   | 3.05                  |       | 2.91                                     | 2.93   | 20.25                                  | 5.38     | 0.87                                   | 2.05   | # 3.37  | 3.36     | 2.16                         | 4.06    | 3.84    |
| 17                   | 3.43                  |       | 2.90                                     | 2.90   | 16.02                                  | 5.41     | 0.87                                   | 1.86   | 2.08    | 3.11     | 3.20                         | 7.78    | 3.43    |
| 18                   | 2.70                  |       | 2.95                                     | 3.05   | 16.96                                  | 4.37     | 0.85                                   | 1.26   | 1.61    | 2.87     | 4.45                         | 7.62    | 3.38    |
| 19                   | # 4.61                |       | 2.69                                     | 3.07   | 19.48                                  | 3.81     | 0.86                                   | 1.02   | 1.38    | 2.83     | 3.07                         | 5.90    | 3.22    |
| 20                   | 3.99                  |       | 2.71                                     | 2.94   | 19.43                                  | 3.21     | 3.78                                   | 0.92   | 1.28    | 2.22     | 2.64                         | 5.11    | 3.12    |
| 半旬平均                 | 3.56                  | 2.83  | 2.98                                     | 18.43  | 4.44                                   | 1.45     | 1.42                                   | 1.94   | 2.88    | 3.10     | 6.09                         | 3.40    |         |
| 21                   | 2.55                  |       | 2.66                                     | 2.92   | 20.30                                  | 3.08     | # 4.19                                 | 0.86   | 1.31    | 2.09     | 3.11                         | 4.68    | 3.02    |
| 22                   | 2.87                  |       | 2.64                                     | 3.41   | 20.20                                  | 3.16     | 3.37                                   | 0.88   | 1.22    | 2.04     | 2.49                         | 4.27    | 2.94    |
| 23                   | 2.97                  |       | 2.60                                     | 3.77   | 25.35                                  | 2.91     | 2.72                                   | 0.87   | 2.07    | 1.95     | 3.25                         | 3.98    | 2.80    |
| 24                   | 2.67                  |       | 2.72                                     | 3.46   | 28.56                                  | 2.68     | 2.27                                   | 0.96   | 1.65    | 1.83     | 2.97                         | 3.69    | 2.65    |
| 25                   | 2.74                  |       | 2.62                                     | 3.23   | 31.67                                  | 2.65     | 1.89                                   | 1.06   | 1.57    | 2.03     | 2.78                         | 3.48    | 2.64    |
| 半旬平均                 | 2.76                  | 2.65  | 3.36                                     | 25.22  | 2.90                                   | 2.89     | 0.93                                   | 1.56   | 1.99    | 2.92     | 4.02                         | 2.81    |         |
| 26                   | 2.95                  |       | 2.66                                     | 3.22   | 42.26                                  | 3.09     | 1.79                                   | 0.91   | 1.46    | 1.83     | 2.91                         | 4.94    | 2.46    |
| 27                   | 2.88                  |       | 2.80                                     | 3.28   | # 48.07                                | 2.50     | 1.58                                   | 0.84   | 1.27    | 1.73     | 2.60                         | 5.58    | 2.53    |
| 28                   | 3.53                  |       | 2.85                                     | 3.87   | 30.30                                  | 2.52     | 1.38                                   | 0.76   | 1.01    | 1.67     | 6.29                         | 5.07    | 2.49    |
| 29                   | 4.20                  |       | 2.76                                     | 5.15   | 26.41                                  | 2.62     | 1.29                                   | 0.70   | 1.13    | 2.13     | # 11.49                      | 9.74    | 2.42    |
| 30                   | 4.40                  |       |                                          | 10.77  | 27.59                                  | 2.46     | 1.21                                   | 0.66   | 1.26    | 3.12     | 5.98                         | 6.07    | 2.67    |
| 31                   | 3.01                  |       | # 16.82                                  | 2.31   | 0.57                                   | 1.18     | 4.29                                   |        |         |          |                              |         | 2.76    |
| 半旬平均                 | 3.50                  | 2.77  | 7.19                                     | 34.93  | 2.58                                   | 1.45     | 0.74                                   | 1.22   | 2.10    | 5.59     | 6.28                         | 2.56    |         |
| 月合計                  | 98.05                 | 83.69 | 118.58                                   | 587.78 | 461.45                                 | 52.33    | 36.19                                  | 42.67  | 117.64  | 99.45    | 173.73                       | 124.35  |         |
| 月平均                  | 3.16                  | 2.89  | 3.83                                     | 19.59  | 14.89                                  | 1.74     | 1.17                                   | 1.38   | 3.92    | 3.21     | 5.79                         | 4.01    |         |
| 比流量                  | 2.84                  | 2.60  | 3.45                                     | 17.63  | 13.40                                  | 1.57     | 1.05                                   | 1.24   | 3.53    | 2.89     | 5.21                         | 3.61    |         |
| 総流出量×10 <sup>8</sup> | 8.46                  | 7.24  | 10.26                                    | 50.78  | 39.88                                  | 4.51     | 3.13                                   | 3.70   | 10.16   | 8.60     | 15.01                        | 10.74   |         |
| 総流出量(mm)             | 76                    | 65    | 92                                       | 457    | 359                                    | 41       | 28                                     | 33     | 91      | 77       | 135                          | 97      |         |
| 流域面積                 | 111.1 km <sup>2</sup> |       | 年最大 (ピーク) 流量                             |        | 年最小流量                                  |          | 年総流出量                                  |        | 年総流出高   |          |                              |         |         |
|                      |                       |       | 231.12 ( 5月 4日 9時20分 ) m <sup>3</sup> /s |        | 0.44 ( 7月31日21時30分 ) m <sup>3</sup> /s |          | 172.47 ×10 <sup>8</sup> m <sup>3</sup> |        | 1552 mm |          |                              |         |         |
| 観測方法                 | 流速計                   |       | 観測機関                                     |        | 北海道                                    |          | 観測開始年                                  |        | 平成 10 年 |          | * 日流量の月最大値を示す。# 日流量の月最小値を示す。 |         |         |
|                      | 流域計                   |       |                                          |        |                                        |          |                                        |        |         |          | 水研様式 流量-8 (改)                |         |         |



## 日流量年表

| 番 号                  |        | 348 24 |                 | 水 系 太櫓川    |        | 河 川 太櫓川           |                              | 観測所 太櫓川 |         | 平成 24 ( 2012 ) 年  |                |        |         |                                 |       |      |    |
|----------------------|--------|--------|-----------------|------------|--------|-------------------|------------------------------|---------|---------|-------------------|----------------|--------|---------|---------------------------------|-------|------|----|
| 日                    | 月      | 1      | 2               | 3          | 4      | 5                 | 6                            | 7       | 8       | 9                 | 10             | 11     | 12      |                                 |       |      |    |
| 1                    | #      | 8.60   | 6.06            | 3.27       | 9.12   | 25.00             | # 2.41                       | 0.78    | 1.29    | 1.19              | 4.58           | 6.71   | 6.03    |                                 |       |      |    |
| 2                    |        | 7.08   | 6.05            | 2.68       | 5.91   | 26.42             | 2.28                         | 0.80    | 0.86    | 1.19              | 3.06           | 6.69   | 5.00    |                                 |       |      |    |
| 3                    |        | 5.66   | 5.84            | 2.29       | 5.21   | 26.65             | 2.08                         | 0.77    | 0.68    | 1.18              | 2.56           | 6.53   | 4.34    |                                 |       |      |    |
| 4                    |        | 4.89   | 5.90            | 1.74       | 10.79  | 47.21             | 1.90                         | 0.81    | 0.69    | 1.62              | 2.36           | 7.04   | # 25.78 |                                 |       |      |    |
| 5                    |        | 4.97   | 6.03            | 1.95       | 6.90   | 34.85             | 1.83                         | 1.15    | 1.15    | 1.54              | 2.17           | 5.70   | 16.11   |                                 |       |      |    |
| 半旬平均                 |        | 6.24   | 5.98            | 2.39       | 7.59   | 32.03             | 2.10                         | 0.86    | 0.93    | 1.34              | 2.95           | 6.53   | 11.45   |                                 |       |      |    |
| 6                    |        | 5.43   | 5.90            | 1.73       | 5.51   | 23.31             | 1.84                         | 1.05    | 7.80    | 3.84              | 2.44           | 5.03   | 9.79    |                                 |       |      |    |
| 7                    |        | 6.05   | 6.02            | 3.43       | 4.44   | 21.73             | 1.58                         | 0.78    | 1.88    | 2.06              | 2.04           | 11.27  | 7.04    |                                 |       |      |    |
| 8                    |        | 6.83   | 5.82            | 4.01       | 4.50   | 15.89             | 1.59                         | 0.71    | 1.27    | 1.42              | 1.85           | 8.50   | 5.80    |                                 |       |      |    |
| 9                    |        | 6.60   | 5.86            | 2.76       | 5.88   | 13.08             | 1.60                         | 0.65    | 1.06    | 21.60             | 1.77           | 8.02   | 4.93    |                                 |       |      |    |
| 10                   |        | 5.82   | 6.32            | 2.59       | 12.99  | 11.02             | 1.64                         | 0.73    | 0.98    | 19.63             | 1.73           | 6.65   | 4.47    |                                 |       |      |    |
| 半旬平均                 |        | 6.15   | 5.98            | 2.90       | 6.66   | 17.01             | 1.65                         | 0.78    | 2.60    | 9.71              | 1.97           | 7.89   | 6.41    |                                 |       |      |    |
| 11                   |        | 5.14   | 6.66            | 2.58       | 62.40  | 9.67              | 1.50                         | 0.63    | 0.95    | 14.33             | 7.06           | 5.54   | 4.12    |                                 |       |      |    |
| 12                   |        | 5.65   | 6.63            | 2.41       | 53.88  | 8.38              | 1.37                         | 9.81    | 0.88    | 12.24             | 4.58           | 11.44  | 3.72    |                                 |       |      |    |
| 13                   | 6.41   | # 6.86 | 2.31            | 49.14      | 6.57   | 1.26              | # 12.28                      | 4.21    | 6.13    | 5.67              | 10.20          | 3.36   | 3.62    |                                 |       |      |    |
| 14                   | 6.20   | 6.76   | 2.38            | 34.30      | 5.97   | 1.16              | 3.99                         | 4.40    | 4.24    | 12.16             | 8.56           | 3.16   | 3.16    |                                 |       |      |    |
| 15                   | 6.62   | 6.45   | 2.34            | 29.73      | 5.68   | 1.08              | 2.17                         | 1.96    | 6.18    | 17.35             | 6.72           | 2.98   | 2.98    |                                 |       |      |    |
| 半旬平均                 |        | 6.00   | 6.67            | 2.40       | 45.89  | 7.25              | 1.27                         | 5.78    | 2.48    | 8.62              | 9.36           | 8.49   | 3.47    |                                 |       |      |    |
| 16                   | 6.53   | 6.24   | 2.26            | 26.82      | 6.05   | 1.14              | 1.68                         | # 22.95 | # 26.57 | 5.87              | 5.76           | 3.97   | 3.97    |                                 |       |      |    |
| 17                   | 6.25   | 6.08   | 2.34            | 23.75      | 5.91   | 1.18              | 1.44                         | 4.98    | 8.20    | 10.96             | 15.46          | 3.51   | 3.51    |                                 |       |      |    |
| 18                   | 5.97   | 6.08   | 2.47            | 27.27      | 5.35   | 1.16              | 1.10                         | 2.90    | 5.37    | 16.54             | # 19.48        | 3.18   | 3.18    |                                 |       |      |    |
| 19                   | 5.44   | 6.29   | 2.37            | 31.04      | 4.81   | 1.17              | 1.03                         | 2.21    | 7.73    | 7.48              | 11.68          | 2.85   | 2.85    |                                 |       |      |    |
| 20                   | 5.11   | 6.35   | 2.24            | 31.73      | 4.66   | 2.38              | 0.97                         | 2.00    | 6.22    | 5.34              | 8.40           | 2.89   | 2.89    |                                 |       |      |    |
| 半旬平均                 |        | 5.86   | 6.21            | 2.34       | 28.12  | 5.36              | 1.41                         | 1.24    | 7.01    | 10.82             | 9.24           | 12.16  | 3.28    |                                 |       |      |    |
| 21                   | 5.06   | 6.29   | 2.17            | 29.45      | 4.61   | 1.71              | 0.93                         | 1.74    | 4.46    | 5.85              | 6.81           | 2.84   | 2.84    |                                 |       |      |    |
| 22                   | 4.91   | 5.94   | 2.53            | 25.95      | 4.52   | 1.51              | 0.88                         | 1.52    | 3.61    | 4.13              | 6.76           | 2.71   | 2.71    |                                 |       |      |    |
| 23                   | 4.83   | 5.45   | 2.99            | 33.02      | 4.24   | 1.72              | 0.86                         | 2.73    | 3.10    | # 46.69           | 5.80           | 2.57   | 2.57    |                                 |       |      |    |
| 24                   | 4.62   | 4.99   | 2.76            | 39.43      | 3.95   | 1.34              | 1.24                         | 1.85    | 2.80    | 22.62             | 4.95           | 2.37   | 2.37    |                                 |       |      |    |
| 25                   | 4.82   | 4.63   | 2.55            | 34.26      | 3.86   | 1.12              | 2.02                         | 1.63    | 18.81   | 13.31             | 4.40           | # 2.26 | 2.26    |                                 |       |      |    |
| 半旬平均                 |        | 4.85   | 5.46            | 2.60       | 32.42  | 4.24              | 1.48                         | 1.19    | 1.89    | 6.56              | 18.52          | 5.74   | 2.55    |                                 |       |      |    |
| 26                   | # 4.59 | 4.62   | 2.56            | 38.12      | 3.66   | 1.02              | 1.21                         | 1.53    | 10.02   | 9.94              | 7.72           | 14.34  | 14.34   |                                 |       |      |    |
| 27                   | 4.78   | 4.92   | 2.85            | 51.89      | 3.28   | 0.99              | 1.14                         | 1.41    | 5.03    | 7.24              | 14.42          | 19.87  | 19.87   |                                 |       |      |    |
| 28                   | 5.03   | 4.41   | 4.39            | 30.64      | 3.14   | 0.86              | 1.03                         | 1.36    | 3.71    | 6.49              | 8.63           | 17.75  | 17.75   |                                 |       |      |    |
| 29                   | 4.99   | # 3.89 | 9.76            | 24.83      | 3.60   | # 0.74            | 0.90                         | 1.28    | 3.14    | 20.26             | 12.96          | 12.88  | 12.88   |                                 |       |      |    |
| 30                   | 4.95   |        | # 40.14         | 23.93      | 2.72   | 0.85              | 0.85                         | 1.27    | 2.98    | 10.78             | 7.79           | 11.85  | 11.85   |                                 |       |      |    |
| 31                   | 5.70   |        | 22.78           | # 2.56     | 0.83   | 0.83              | 1.16                         | 7.95    | 7.95    | 13.72             | 13.72          | 13.72  | 13.72   |                                 |       |      |    |
| 半旬平均                 |        | 5.01   | 4.46            | 13.75      | 33.88  | 3.16              | 0.89                         | 0.99    | 1.34    | 4.98              | 10.44          | 10.30  | 15.07   |                                 |       |      |    |
| 月合計                  |        | 175.53 | 169.34          | 145.63     | 772.83 | 348.35            | 44.01                        | 55.22   | 82.58   | 210.14            | 272.83         | 255.62 | 226.19  |                                 |       |      |    |
| 月平均                  |        | 5.66   | 5.46            | 4.70       | 25.76  | 11.24             | 1.47                         | 1.78    | 2.66    | 7.00              | 8.80           | 8.52   | 7.30    |                                 |       |      |    |
| 比流量                  |        | 4.21   | 4.35            | 3.50       | 19.18  | 8.37              | 1.09                         | 1.33    | 1.98    | 5.21              | 6.55           | 6.34   | 5.44    |                                 |       |      |    |
| 総流出量×10 <sup>4</sup> |        | 15.16  | 14.63           | 12.59      | 66.77  | 30.11             | 3.81                         | 4.77    | 7.12    | 18.14             | 23.57          | 22.08  | 19.55   |                                 |       |      |    |
| 総流出高(mm)             |        | 113    | 109             | 94         | 497    | 224               | 28                           | 36      | 53      | 135               | 176            | 164    | 146     |                                 |       |      |    |
| 流域面積                 |        | 134.3  | km <sup>2</sup> | 年最大(ピーク)流量 | 139.83 | m <sup>3</sup> /s | ( 4月11日20時50分)               | 年最小流量   | 0.59    | m <sup>3</sup> /s | ( 7月11日23時20分) | 年総流出量  | 238.30  | ×10 <sup>4</sup> m <sup>3</sup> | 年総流出高 | 1774 | mm |
| 観測方法                 |        | 流速計    | 観測機関            | 北海道        | 観測開始年  | 平成 10 年           | # 日流量の月最大値を示す。* 日流量の月最小値を示す。 |         |         |                   |                |        |         | 水研様式 流量-8 (改)                   |       |      |    |



## 日流量年表

番号 356 24

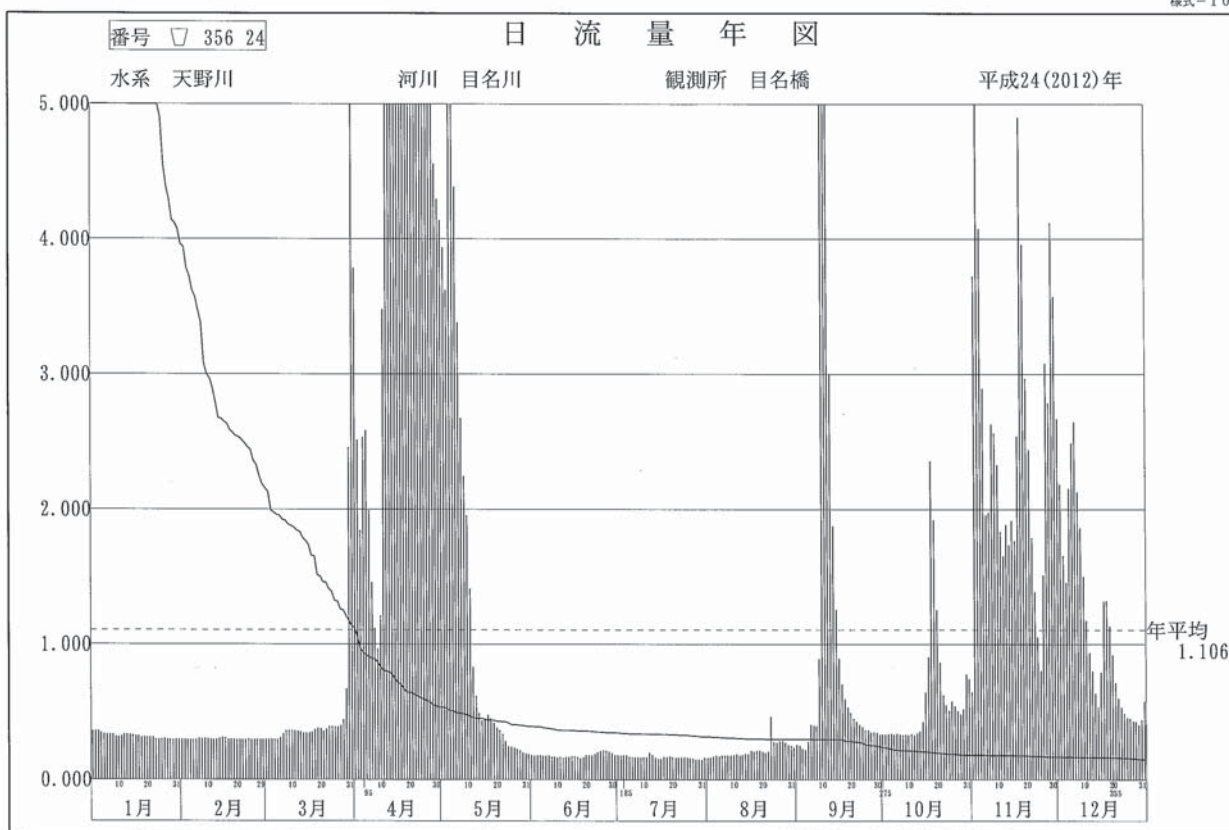
水系 天野川

河川 目名川

観測所 目名橋

平成 24 ( 2012 ) 年

| 月                  | 1     | 2     | 3      | 4             | 5      | 6     | 7                           | 8     | 9      | 10                   | 11     | 12     |
|--------------------|-------|-------|--------|---------------|--------|-------|-----------------------------|-------|--------|----------------------|--------|--------|
| 1                  | 0.359 | 0.299 | 0.299  | 3.784         | 4.138  | 0.181 | 0.180                       | 0.161 | 0.257  | 0.335                | 0.645  | 2.671  |
| 2                  | 0.359 | 0.299 | 0.299  | 2.515         | 3.939  | 0.178 | 0.176                       | 0.164 | 0.252  | 0.334                | 3.724  | 2.186  |
| 3                  | 0.359 | 0.298 | 0.300  | 1.843         | 3.622  | 0.179 | 0.181                       | 0.173 | 0.230  | 0.338                | 6.268  | 1.656  |
| 4                  | 0.348 | 0.298 | 0.299  | 2.534         | 5.489  | 0.179 | 0.181                       | 0.179 | 0.221  | 0.341                | 4.076  | 1.459  |
| 5                  | 0.338 | 0.297 | 0.298  | 2.585         | 5.320  | 0.178 | 0.169                       | 0.172 | 0.279  | 0.332                | 2.896  | 2.156  |
| 半旬平均               | 0.353 | 0.298 | 0.299  | 2.652         | 4.502  | 0.179 | 0.177                       | 0.170 | 0.248  | 0.336                | 3.522  | 2.026  |
| 6                  | 0.337 | 0.298 | 0.310  | 1.991         | 4.386  | 0.177 | 0.166                       | 0.179 | 0.406  | 0.339                | 1.959  | 2.492  |
| 7                  | 0.337 | 0.306 | 0.340  | 1.459         | 3.382  | 0.179 | 0.166                       | 0.178 | 0.401  | 0.334                | 1.977  | 2.648  |
| 8                  | 0.337 | 0.304 | 0.362  | 1.120         | 2.675  | 0.169 | 0.165                       | 0.179 | 0.395  | 0.328                | 2.631  | 2.130  |
| 9                  | 0.320 | 0.306 | 0.363  | 0.968         | 2.247  | 0.171 | 0.161                       | 0.179 | 0.891  | 0.332                | 2.565  | 1.864  |
| 10                 | 0.317 | 0.304 | 0.364  | 1.210         | 1.954  | 0.164 | 0.166                       | 0.183 | 8.301  | 0.328                | 2.332  | 1.503  |
| 半旬平均               | 0.330 | 0.304 | 0.348  | 1.350         | 2.929  | 0.172 | 0.165                       | 0.180 | 2.079  | 0.332                | 2.293  | 2.127  |
| 11                 | 0.322 | 0.300 | 0.362  | 3.478         | 1.410  | 0.169 | 0.165                       | 0.188 | 7.333  | 0.338                | 1.834  | 1.176  |
| 12                 | 0.336 | 0.298 | 0.358  | 7.660         | 0.831  | 0.162 | 0.199                       | 0.179 | 5.164  | 0.328                | 1.654  | 0.938  |
| 13                 | 0.335 | 0.299 | 0.355  | 6.409         | 0.615  | 0.168 | 0.181                       | 0.183 | 2.999  | 0.343                | 1.887  | 0.800  |
| 14                 | 0.332 | 0.306 | 0.346  | 5.462         | 0.491  | 0.167 | 0.163                       | 0.192 | 1.877  | 0.357                | 1.737  | 0.636  |
| 15                 | 0.329 | 0.312 | 0.345  | 5.229         | 0.437  | 0.174 | 0.155                       | 0.189 | 1.256  | 0.427                | 1.918  | 0.537  |
| 半旬平均               | 0.331 | 0.303 | 0.353  | 5.648         | 0.757  | 0.168 | 0.173                       | 0.186 | 3.726  | 0.359                | 1.806  | 0.817  |
| 16                 | 0.323 | 0.309 | 0.346  | 5.535         | 0.440  | 0.174 | 0.154                       | 0.214 | 0.894  | 0.644                | 1.768  | 0.793  |
| 17                 | 0.325 | 0.301 | 0.352  | 5.800         | 0.479  | 0.167 | 0.169                       | 0.209 | 0.705  | 0.904                | 2.543  | 1.318  |
| 18                 | 0.316 | 0.300 | 0.371  | 5.224         | 0.453  | 0.158 | 0.167                       | 0.212 | 0.594  | 2.360                | 4.901  | 1.321  |
| 19                 | 0.317 | 0.299 | 0.381  | 5.387         | 0.419  | 0.165 | 0.174                       | 0.215 | 0.534  | 1.923                | 3.961  | 1.134  |
| 20                 | 0.314 | 0.296 | 0.377  | 6.059         | 0.384  | 0.182 | 0.167                       | 0.206 | 0.492  | 1.254                | 2.967  | 0.920  |
| 半旬平均               | 0.319 | 0.301 | 0.365  | 5.601         | 0.435  | 0.169 | 0.166                       | 0.211 | 0.644  | 1.417                | 3.228  | 1.097  |
| 21                 | 0.314 | 0.298 | 0.360  | 5.904         | 0.364  | 0.181 | 0.163                       | 0.197 | 0.451  | 0.866                | 2.442  | 0.715  |
| 22                 | 0.316 | 0.297 | 0.375  | 5.824         | 0.336  | 0.179 | 0.162                       | 0.207 | 0.429  | 0.624                | 1.790  | 0.599  |
| 23                 | 0.299 | 0.298 | 0.393  | 6.277         | 0.285  | 0.189 | 0.165                       | 0.466 | 0.405  | 0.552                | 1.389  | 0.532  |
| 24                 | 0.299 | 0.300 | 0.393  | 6.726         | 0.247  | 0.203 | 0.165                       | 0.280 | 0.390  | 0.508                | 1.052  | 0.488  |
| 25                 | 0.302 | 0.296 | 0.390  | 6.383         | 0.244  | 0.212 | 0.163                       | 0.275 | 0.366  | 0.580                | 0.805  | 0.456  |
| 半旬平均               | 0.306 | 0.298 | 0.382  | 6.223         | 0.295  | 0.193 | 0.164                       | 0.285 | 0.408  | 0.626                | 1.496  | 0.558  |
| 26                 | 0.305 | 0.299 | 0.391  | 6.731         | 0.236  | 0.218 | 0.158                       | 0.284 | 0.366  | 0.544                | 1.512  | 0.451  |
| 27                 | 0.299 | 0.298 | 0.400  | 6.927         | 0.227  | 0.213 | 0.156                       | 0.284 | 0.349  | 0.506                | 3.080  | 0.431  |
| 28                 | 0.299 | 0.296 | 0.445  | 5.712         | 0.216  | 0.208 | 0.149                       | 0.272 | 0.351  | 0.482                | 2.788  | 0.428  |
| 29                 | 0.297 | 0.299 | 0.672  | 4.556         | 0.202  | 0.196 | 0.149                       | 0.256 | 0.348  | 0.521                | 4.119  | 0.405  |
| 30                 | 0.300 | 2.460 | 4.296  | 4.556         | 0.192  | 0.192 | 0.148                       | 0.253 | 0.334  | 0.777                | 3.573  | 0.439  |
| 31                 | 0.299 | 5.472 | 0.188  | 0.188         | 0.182  | 0.182 | 0.162                       | 0.238 | 0.744  | 0.744                | 0.576  | 0.576  |
| 半旬平均               | 0.300 | 0.298 | 1.640  | 5.644         | 0.210  | 0.203 | 0.154                       | 0.265 | 0.350  | 0.596                | 3.014  | 0.455  |
| 月合計                | 9.989 | 8.710 | 18.578 | 135.588       | 45.848 | 5.422 | 5.145                       | 6.746 | 37.270 | 18.923               | 76.793 | 35.858 |
| 月平均                | 0.322 | 0.300 | 0.599  | 4.520         | 1.479  | 0.181 | 0.166                       | 0.218 | 1.242  | 0.610                | 2.560  | 1.157  |
| 比流量                | 1.412 | 1.316 | 2.627  | 19.825        | 6.487  | 0.794 | 0.728                       | 0.956 | 5.447  | 2.675                | 11.228 | 5.075  |
| 総流出量 $\times 10^3$ | 0.862 | 0.752 | 1.604  | 11.716        | 3.961  | 0.469 | 0.445                       | 0.584 | 3.219  | 1.634                | 6.636  | 3.099  |
| 総流出高(mm)           | 38    | 33    | 70     | 514           | 174    | 21    | 20                          | 26    | 141    | 72                   | 291    | 136    |
| 流域面積               | 22.8  |       |        | 年最大(ピーク)流量    |        |       | 年最小流量                       |       |        | 年総流出量                |        |        |
|                    | 22.8  |       |        | 8.301 (9月10日) |        |       | 0.148 (7月30日)               |       |        | 34.981 $\times 10^3$ |        |        |
| 観測方法               | 観測機関  |       |        | 観測開始年         |        |       | * 日流量の月最大値を示す。# 日流量の月最小を示す。 |       |        | 水研様式 流量-8 (改)        |        |        |
|                    | 北海道   |       |        |               |        |       |                             |       |        |                      |        |        |



## 日流量年表

番号 365 24

水系 亀田川

河川 亀田川

観測所 富岡

平成 24 ( 2012 ) 年

| 月                  | 1                  | 2      | 3                                | 4       | 5                           | 6      | 7                               | 8      | 9        | 10     | 11     | 12    |
|--------------------|--------------------|--------|----------------------------------|---------|-----------------------------|--------|---------------------------------|--------|----------|--------|--------|-------|
| 1                  | 0.37               | 0.34   | 0.46                             | 3.54    | 9.01                        | 0.75   | 0.25                            | 0.27   | 0.23     | 2.49   | 1.03   | 4.14  |
| 2                  | 0.43               | 0.58   | 0.46                             | 2.65    | 9.01                        | 0.48   | 0.25                            | 0.27   | 0.25     | 1.49   | 0.66   | 2.82  |
| 3                  | 0.43               | 0.46   | 0.43                             | 2.03    | 9.94                        | 0.37   | 0.25                            | 0.23   | 0.23     | 2.82   | 0.93   | 1.89  |
| 4                  | 0.41               | 0.39   | 0.43                             | 3.35    | # 24.34                     | 0.32   | 0.32                            | 0.20   | 0.25     | 2.49   | 0.66   | 3.17  |
| 5                  | 0.46               | 0.39   | 0.37                             | 2.65    | 17.82                       | 0.25   | 0.30                            | 0.15   | 0.30     | 2.03   | 0.43   | 4.78  |
| 半旬平均               | 0.42               | 0.43   | 0.43                             | 2.84    | 14.02                       | 0.43   | 0.27                            | 0.22   | 0.25     | 2.26   | 0.74   | 3.36  |
| 6                  | 0.41               | 0.32   | 0.41                             | 2.65    | 11.61                       | 0.27   | 0.28                            | 0.41   | 0.25     | 1.37   | 0.66   | 3.74  |
| 7                  | 0.41               | 0.39   | 2.18                             | 2.33    | 9.01                        | 0.25   | 0.27                            | 0.30   | 0.23     | 0.58   | 9.31   | 3.17  |
| 8                  | 0.34               | 0.58   | 1.25                             | 2.18    | 6.73                        | 0.23   | 0.27                            | 0.23   | 0.23     | 0.46   | 8.11   | 2.49  |
| 9                  | 0.34               | 0.66   | 1.37                             | 2.03    | 6.21                        | 0.25   | 0.30                            | 0.23   | 2.18     | 0.37   | 6.21   | 2.03  |
| 10                 | 0.34               | 0.58   | 0.93                             | 2.99    | 4.78                        | 0.27   | 0.27                            | 0.21   | # 4.35   | 0.32   | 5.01   | 1.75  |
| 半旬平均               | 0.37               | 0.51   | 1.23                             | 2.44    | 7.67                        | 0.25   | 0.28                            | 0.28   | 1.45     | 0.62   | 5.86   | 2.64  |
| 11                 | 0.32               | 0.46   | 0.66                             | 3.54    | 3.74                        | 0.23   | 0.23                            | 0.23   | 3.35     | 0.37   | 3.35   | 1.75  |
| 12                 | 0.39               | 0.58   | 0.75                             | 5.47    | 3.93                        | 0.28   | 0.75                            | 0.21   | 2.99     | 0.30   | 5.47   | 1.62  |
| 13                 | 0.34               | 0.43   | 0.93                             | 5.47    | 3.54                        | 0.28   | 0.43                            | 0.84   | 2.49     | 0.37   | 5.96   | 1.25  |
| 14                 | 0.39               | 0.37   | 0.75                             | 5.01    | 3.93                        | 0.25   | 0.30                            | 0.37   | 1.75     | 0.25   | 4.14   | 0.84  |
| 15                 | 0.39               | 0.46   | 0.93                             | 5.01    | 2.99                        | 0.21   | 0.28                            | 0.27   | 1.14     | 0.58   | 4.35   | 0.93  |
| 半旬平均               | 0.37               | 0.46   | 0.80                             | 4.90    | 3.63                        | 0.25   | 0.40                            | 0.38   | 2.34     | 0.37   | 4.65   | 1.28  |
| 16                 | 0.39               | 0.48   | 1.03                             | 4.56    | 2.82                        | 0.21   | # 0.75                          | # 1.03 | 0.66     | 0.39   | 2.99   | 2.18  |
| 17                 | 0.34               | 0.48   | 0.75                             | 4.56    | 3.93                        | 0.18   | 0.39                            | 0.37   | 0.46     | 0.46   | 7.00   | 1.49  |
| 18                 | 0.37               | # 0.66 | 0.93                             | 4.14    | 4.35                        | 0.25   | 0.30                            | 0.30   | 0.41     | 1.03   | 8.70   | 1.49  |
| 19                 | 0.41               | 0.43   | 1.37                             | 4.56    | 4.35                        | 0.21   | 0.30                            | 0.28   | 0.66     | 0.48   | 5.24   | 1.37  |
| 20                 | 0.34               | 0.41   | 0.93                             | 4.56    | 4.14                        | 0.93   | 0.32                            | 0.27   | 0.34     | 0.39   | 4.35   | 1.03  |
| 半旬平均               | 0.37               | 0.49   | 1.00                             | 4.48    | 3.92                        | 0.36   | 0.41                            | 0.45   | 0.51     | 0.55   | 5.66   | 1.51  |
| 21                 | 0.28               | 0.39   | 1.03                             | 4.35    | 3.93                        | # 1.62 | 0.27                            | 0.27   | 0.34     | 0.46   | 4.35   | 0.66  |
| 22                 | 0.46               | 0.37   | 1.25                             | 4.78    | 3.35                        | 1.49   | 0.25                            | 0.25   | 0.34     | 0.37   | 3.17   | 0.41  |
| 23                 | 0.46               | 0.30   | 1.25                             | 7.27    | 2.33                        | 1.25   | 0.27                            | 0.32   | 0.25     | 0.43   | 2.99   | 0.48  |
| 24                 | 0.46               | 0.48   | 0.75                             | 10.60   | 2.18                        | 0.66   | 0.28                            | 0.28   | 0.43     | 0.58   | 2.99   | 0.58  |
| 25                 | 0.41               | 0.37   | 1.14                             | 9.94    | 1.62                        | 0.34   | 0.25                            | 0.25   | 0.66     | 0.46   | 1.89   | 0.39  |
| 半旬平均               | 0.41               | 0.38   | 1.08                             | 7.39    | 2.68                        | 1.07   | 0.26                            | 0.27   | 0.40     | 0.46   | 3.08   | 0.50  |
| 26                 | 0.46               | 0.34   | 1.14                             | 10.60   | 2.18                        | 0.30   | 0.28                            | 0.25   | 0.30     | 0.43   | 2.99   | 0.43  |
| 27                 | 0.46               | 0.46   | 1.37                             | # 13.79 | 2.03                        | 0.28   | 0.25                            | 0.25   | 0.27     | 0.37   | 4.78   | 0.39  |
| 28                 | 0.46               | 0.43   | 2.03                             | 10.60   | 2.49                        | 0.28   | 0.27                            | 0.25   | 0.23     | 0.75   | 3.74   | 0.34  |
| 29                 | 0.46               | 0.39   | 2.82                             | 8.70    | 2.18                        | 0.27   | 0.27                            | 0.23   | 0.28     | # 9.01 | # 9.31 | 0.37  |
| 30                 | # 0.75             | 0.39   | # 5.01                           | 9.01    | 1.75                        | 0.28   | 0.27                            | 0.23   | 2.65     | 4.14   | 5.47   | 0.34  |
| 31                 | 0.39               | 0.39   | 4.78                             | 0.75    | 0.75                        | 0.23   | 0.21                            | 0.21   | 2.82     | 2.82   | 0.46   | 0.46  |
| 半旬平均               | 0.50               | 0.41   | 2.86                             | 10.54   | 1.90                        | 0.28   | 0.26                            | 0.24   | 0.75     | 2.32   | 5.26   | 0.39  |
| 月合計                | 12.67              | 12.98  | 39.89                            | 162.92  | 170.97                      | 13.24  | 9.70                            | 9.46   | 28.50    | 38.86  | 126.24 | 48.78 |
| 月平均                | 0.41               | 0.45   | 1.29                             | 5.43    | 5.52                        | 0.44   | 0.31                            | 0.31   | 0.95     | 1.25   | 4.21   | 1.57  |
| 比流量                | 1.08               | 1.19   | 3.41                             | 14.37   | 14.60                       | 1.16   | 0.82                            | 0.82   | 2.51     | 3.31   | 11.14  | 4.15  |
| 観流出量 $\times 10^3$ | 1.10               | 1.13   | 3.46                             | 14.07   | 14.78                       | 1.14   | 0.83                            | 0.83   | 2.46     | 3.35   | 10.91  | 4.21  |
| 観流出高(mm)           | 29                 | 30     | 92                               | 372     | 391                         | 30     | 22                              | 22     | 65       | 89     | 289    | 111   |
| 流域面積               | 37.8 $\text{km}^2$ |        | 年最大(ピーク)流量 $\text{m}^3/\text{s}$ |         | 年最小流量 $\text{m}^3/\text{s}$ |        | 年総流出量 $\times 10^3 \text{ m}^3$ |        | 年総流出高 mm |        |        |       |
|                    | 24.34              |        | (5月4日)                           |         | 0.15                        |        | (8月5日)                          |        | 58.27    |        | 1542   |       |
| 観測方法               | 観測機関               |        | 北海道                              |         | 観測開始年                       |        | # 日流量の月最大値を示す。# 日流量の月最小を示す。     |        |          |        |        |       |
|                    | 水研様式 流量-8 (改)      |        |                                  |         |                             |        |                                 |        |          |        |        |       |

## 日流量年図

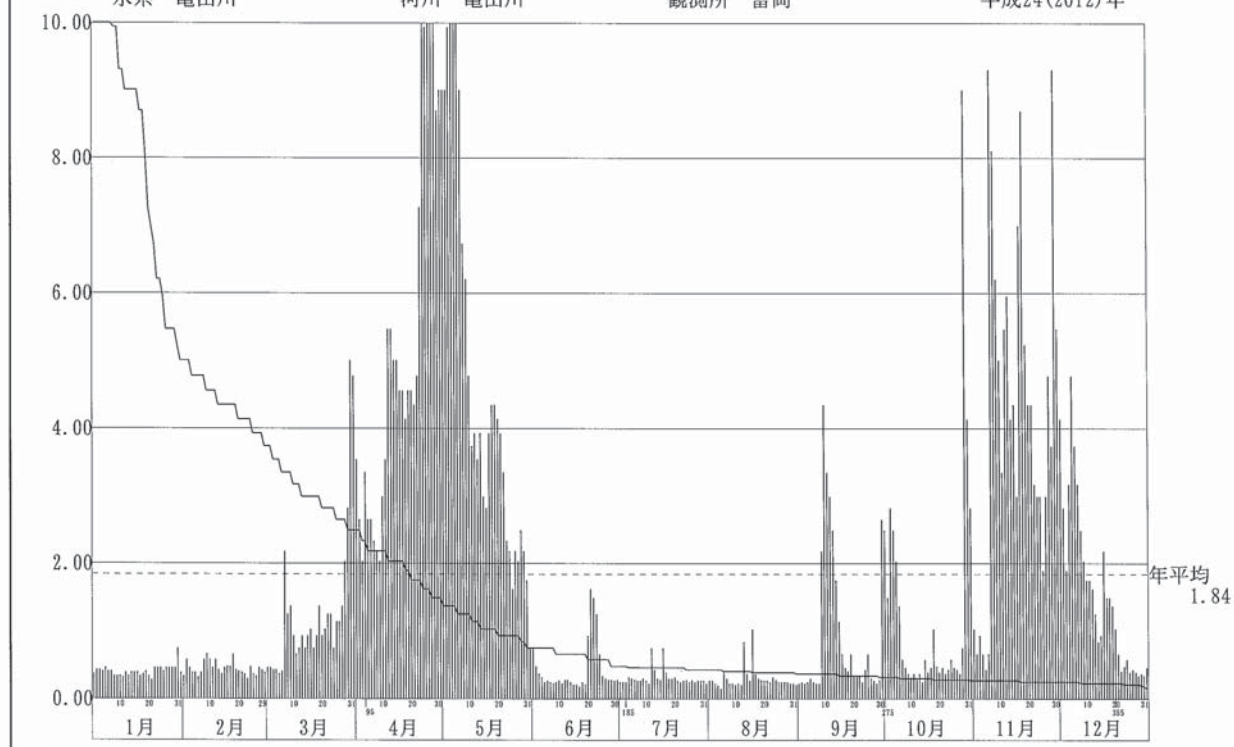
番号 365 24

水系 亀田川

河川 亀田川

観測所 富岡

平成24(2012)年



## 日流量年表

番号 366 24

水系 亀田川

河川 亀田川

観測所 新中野ダム

平成 24 (2012) 年

| 日                            | 1                                     | 2 | 3     | 4     | 5      | 6       | 7      | 8      | 9      | 10     | 11      | 12    |       |
|------------------------------|---------------------------------------|---|-------|-------|--------|---------|--------|--------|--------|--------|---------|-------|-------|
| 1                            | 0.50                                  |   | 0.43  | 0.35  | 0.64   | 3.90    | 0.63   | 0.52   | 0.44   | 0.38   | 1.35    | 1.32  | 1.23  |
| 2                            | 0.52                                  | # | 0.46  | 0.36  | 0.51   | 4.15    | 0.62   | 0.54   | 0.43   | 0.39   | 0.84    | 1.52  | 1.11  |
| 3                            | 0.52                                  |   | 0.43  | 0.35  | 0.53   | 5.17    | 0.59   | 0.54   | 0.41   | 0.38   | 1.73    | 1.31  | 1.06  |
| 4                            | 0.54                                  |   | 0.42  | 0.35  | 0.88   | # 15.96 | 0.59   | 0.48   | 0.41   | 0.41   | 1.47    | 1.14  | 2.01  |
| 5                            | 0.54                                  |   | 0.42  | 0.35  | 0.56   | 6.27    | 0.61   | 0.49   | 0.40   | 0.47   | 1.13    | 1.03  | 1.50  |
| 半旬平均                         | 0.52                                  |   | 0.43  | 0.35  | 0.62   | 7.09    | 0.61   | 0.51   | 0.42   | 0.41   | 1.30    | 1.26  | 1.38  |
| 6                            | 0.54                                  |   | 0.43  | 0.38  | 0.49   | 4.18    | 0.63   | 0.49   | 0.64   | 0.47   | 0.93    | 2.32  | 1.39  |
| 7                            | 0.54                                  |   | 0.44  | 0.41  | 0.45   | 3.36    | 0.60   | 0.47   | 0.45   | 0.45   | 0.74    | 6.82  | 1.25  |
| 8                            | 0.53                                  |   | 0.44  | 0.36  | 0.45   | 2.78    | 0.62   | 0.48   | 0.41   | 0.40   | 0.66    | 2.84  | 1.19  |
| 9                            | 0.52                                  |   | 0.42  | 0.36  | 0.47   | 2.39    | 0.59   | 0.48   | 0.40   | 0.40   | 0.61    | 2.13  | 1.13  |
| 10                           | 0.53                                  |   | 0.43  | 0.35  | 0.65   | 2.11    | 0.57   | 0.48   | 0.40   | # 4.49 | 0.59    | 1.79  | 1.05  |
| 半旬平均                         | 0.53                                  |   | 0.43  | 0.37  | 0.50   | 2.96    | 0.60   | 0.48   | 0.46   | 1.86   | 0.71    | 3.18  | 1.20  |
| 11                           | 0.53                                  |   | 0.41  | 0.34  | 1.29   | 1.94    | 0.60   | 0.45   | 0.38   | 2.46   | 0.66    | 1.56  | 1.01  |
| 12                           | 0.53                                  |   | 0.40  | 0.36  | 1.88   | 1.74    | 0.59   | # 0.96 | 0.37   | 1.81   | 0.60    | 3.12  | 0.96  |
| 13                           | 0.53                                  |   | 0.39  | 0.34  | 1.46   | 1.58    | 0.58   | 0.74   | 1.00   | 1.37   | 0.62    | 2.25  | 0.92  |
| 14                           | 0.53                                  |   | 0.40  | 0.35  | 1.61   | 1.88    | 0.56   | 0.60   | 0.61   | 1.15   | 0.63    | 1.85  | 0.90  |
| 15                           | 0.51                                  |   | 0.42  | 0.34  | 1.79   | 1.99    | 0.55   | 0.56   | 0.45   | 0.98   | *       | 1.60  | 0.87  |
| 半旬平均                         | 0.53                                  |   | 0.40  | 0.35  | 1.61   | 1.83    | 0.58   | 0.66   | 0.56   | 1.55   | ( 0.63) | 2.08  | 0.93  |
| 16                           | 0.48                                  |   | 0.38  | 0.33  | 1.80   | 2.31    | 0.55   | 0.72   | # 1.79 | 0.77   | *       | 1.44  | 1.01  |
| 17                           | 0.48                                  |   | 0.38  | 0.33  | 1.52   | 2.89    | 0.56   | 0.65   | 0.77   | 0.70   | *       | 3.11  | 0.91  |
| 18                           | 0.47                                  |   | 0.38  | 0.34  | 1.64   | 2.95    | 0.55   | 0.56   | 0.63   | 0.65   | 1.30    | 2.37  | 0.88  |
| 19                           | 0.47                                  |   | 0.38  | 0.38  | 1.85   | 2.81    | 0.53   | 0.53   | 0.57   | 0.68   | 0.99    | 1.83  | 0.83  |
| 20                           | 0.46                                  |   | 0.38  | 0.36  | 1.81   | 2.45    | # 1.35 | 0.51   | 0.52   | 0.63   | 0.82    | 1.66  | 0.81  |
| 半旬平均                         | 0.47                                  |   | 0.38  | 0.35  | 1.72   | 2.68    | 0.71   | 0.59   | 0.86   | 0.69   | ( 1.04) | 2.08  | 0.89  |
| 21                           | 0.49                                  |   | 0.37  | 0.35  | 1.98   | 1.33    | 1.30   | 0.52   | 0.48   | 0.57   | 0.80    | 1.52  | 0.75  |
| 22                           | # 0.55                                |   | 0.36  | 0.36  | 2.01   | 0.96    | 1.07   | 0.50   | 0.45   | 0.54   | 0.66    | 1.39  | 0.72  |
| 23                           | 0.48                                  |   | 0.39  | 0.34  | 2.81   | 0.83    | 0.85   | 0.48   | 0.56   | 0.54   | 0.96    | 1.32  | 0.69  |
| 24                           | 0.47                                  |   | 0.37  | 0.36  | 3.36   | 0.73    | 0.66   | 0.50   | 0.47   | 0.54   | 0.91    | 1.22  | 0.66  |
| 25                           | 0.47                                  |   | 0.37  | 0.35  | 3.37   | 0.69    | 0.63   | 0.52   | 0.44   | 0.59   | 0.84    | 1.14  | 0.67  |
| 半旬平均                         | 0.49                                  |   | 0.37  | 0.35  | 2.71   | 0.91    | 0.90   | 0.50   | 0.48   | 0.56   | 0.83    | 1.32  | 0.70  |
| 26                           | 0.45                                  |   | 0.42  | 0.35  | 4.29   | 0.75    | 0.61   | 0.46   | 0.42   | 0.54   | 0.84    | 1.36  | 0.62  |
| 27                           | 0.45                                  |   | 0.36  | 0.36  | # 5.97 | 0.58    | 0.59   | 0.44   | 0.40   | 0.54   | 0.70    | 1.36  | 0.65  |
| 28                           | 0.43                                  |   | 0.35  | 0.39  | 3.87   | 0.54    | 0.53   | 0.44   | 0.39   | 0.54   | 2.25    | 1.26  | 0.63  |
| 29                           | 0.44                                  | # | 0.35  | 0.44  | 3.55   | 0.57    | 0.53   | 0.42   | 0.40   | 0.60   | 3.66    | 2.33  | 0.60  |
| 30                           | 0.44                                  |   |       | 1.18  | 3.76   | 0.68    | # 0.51 | 0.41   | 0.40   | 1.37   | 1.84    | 1.38  | 0.69  |
| 31                           | # 0.43                                |   |       | 1.49  | 0.66   | 0.66    | # 0.41 | 0.41   | 0.39   | 1.44   | 1.44    | 0.68  | 0.68  |
| 半旬平均                         | 0.44                                  |   | 0.37  | 0.70  | 4.29   | 0.63    | 0.55   | 0.43   | 0.40   | 0.72   | 1.79    | 1.54  | 0.65  |
| 月合計                          | 15.37                                 |   | 11.58 | 13.06 | 57.25  | 81.13   | 19.75  | 16.35  | 16.28  | 28.88  | 30.57   | 57.29 | 29.38 |
| 月平均                          | 0.50                                  |   | 0.40  | 0.42  | 1.91   | 2.62    | 0.66   | 0.53   | 0.53   | 0.96   | 1.09    | 1.91  | 0.95  |
| 比流量                          | 2.86                                  |   | 2.29  | 2.40  | 10.91  | 14.97   | 3.77   | 3.03   | 3.03   | 5.49   | 6.23    | 10.91 | 5.43  |
| 総流出量 $\times 10^6$           | 1.34                                  |   | 1.00  | 1.12  | 4.95   | 7.02    | 1.71   | 1.42   | 1.42   | 2.49   | 2.92    | 4.95  | 2.54  |
| 総流出高(mm)                     | 77                                    |   | 57    | 64    | 283    | 401     | 98     | 81     | 81     | 142    | 167     | 283   | 145   |
| 流域面積                         | $17.5 \text{ km}^2$                   |   |       |       |        |         |        |        |        |        |         |       |       |
| 年最大(ピーク)流量                   | $15.96 \text{ m}^3/\text{s}$ ( 5月 4日) |   |       |       |        |         |        |        |        |        |         |       |       |
| 年最小流量                        | $0.33 \text{ m}^3/\text{s}$ ( 3月17日)  |   |       |       |        |         |        |        |        |        |         |       |       |
| 年総流出量                        | $32.88 \times 10^6 \text{ m}^3$       |   |       |       |        |         |        |        |        |        |         |       |       |
| 年総流出高                        | 1879 mm                               |   |       |       |        |         |        |        |        |        |         |       |       |
| 観測方法                         | 観測機関 北海道                              |   |       |       |        |         |        |        |        |        |         |       |       |
| 観測開始年                        | 平成 24 (2012) 年                        |   |       |       |        |         |        |        |        |        |         |       |       |
| # 日流量の月最大値を示す。* 日流量の月最小値を示す。 |                                       |   |       |       |        |         |        |        |        |        |         |       |       |
| * 標準式 流量-8 (改)               |                                       |   |       |       |        |         |        |        |        |        |         |       |       |

