

## 日 流 量 年 表

番 号 □ 101 24

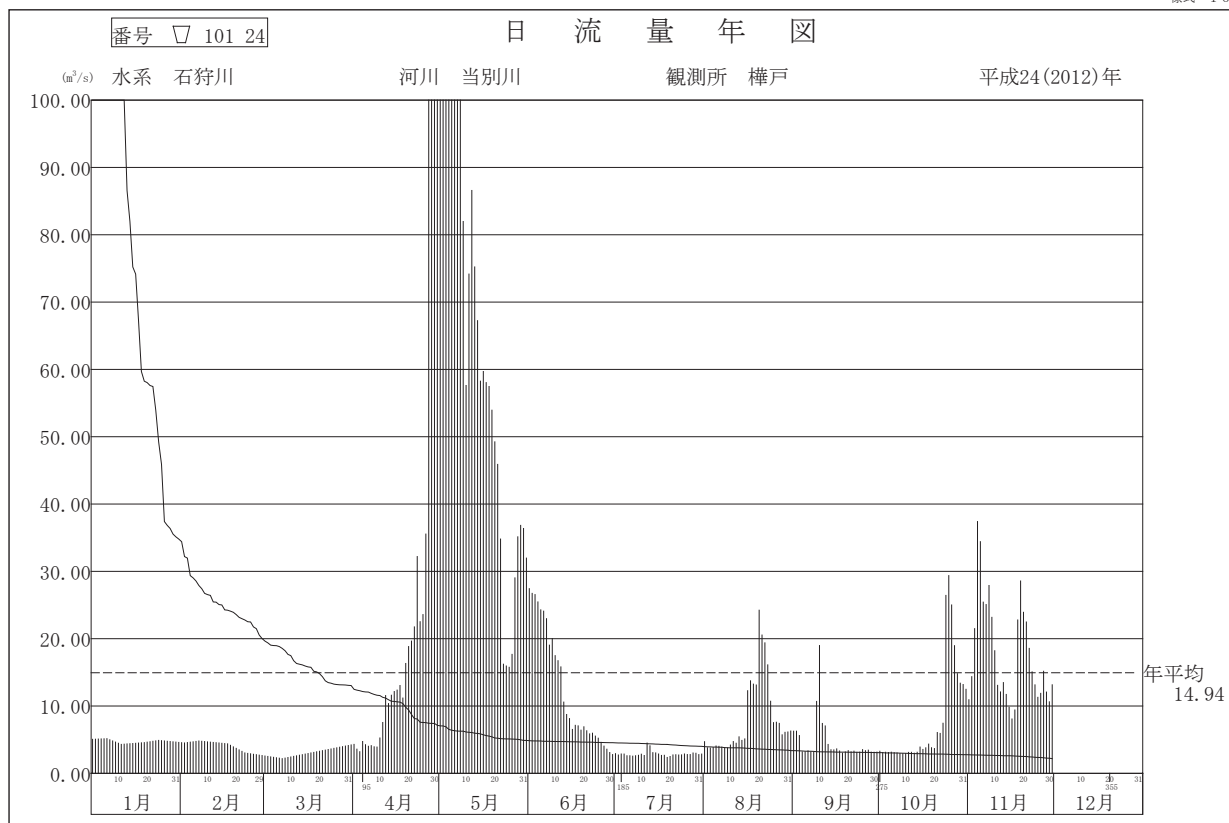
水 系 石狩川

河 川 当別川

観測所 樺戸

平成 24 ( 2012 ) 年

| 日                    | 1               | 2         | 3                     | 4      | 5             | 6               | 7                           | 8       | 9       | 10      | 11      | 12 |
|----------------------|-----------------|-----------|-----------------------|--------|---------------|-----------------|-----------------------------|---------|---------|---------|---------|----|
| 1                    | ( 5.05)         | ( 4.55)   | ( 2.57)               | 4.30   | 127.47        | # 27.43         | 2.92                        | 4.70    | 6.26    | 3.28    | 10.93   |    |
| 2                    | ( 5.07)         | R 4.51    | ( 2.51)               | 3.59   | 131.69        | 26.73           | 2.72                        | 3.79    | 6.26    | 3.07    | 14.36   |    |
| 3                    | ( 5.09)         | ( 4.57)   | ( 2.44)               | 3.21   | 135.21        | 26.55           | 2.87                        | 3.75    | 5.61    | 3.13    | 21.49   |    |
| 4                    | ( 5.11)         | ( 4.63)   | ( 2.38)               | 4.73   | 134.68        | 25.46           | 2.86                        | 3.82    | 3.18    | 3.09    | # 37.40 |    |
| 5                    | ( 5.13)         | ( 4.68)   | ( 2.31)               | 4.25   | 136.10        | 24.28           | 2.61                        | 4.06    | 3.19    | 3.14    | 34.41   |    |
| 半旬平均                 | ( 4.69)         | ( 4.59)   | ( 2.44)               | 4.02   | 133.03        | 26.09           | 2.80                        | 4.02    | 3.90    | 3.14    | 23.72   |    |
| 6                    | #R 5.15         | ( 4.74)   | ( 2.25)               | 4.02   | 129.81        | 24.09           | 2.61                        | 4.01    | 3.34    | 3.07    | 25.43   |    |
| 7                    | ( 4.98)         | #R 4.80   | @R 2.18               | 4.11   | 113.69        | 22.97           | 2.55                        | 3.88    | 3.18    | 3.02    | 25.07   |    |
| 8                    | ( 4.81)         | ( 4.76)   | ( 2.26)               | 3.94   | 107.94        | 19.04           | 2.61                        | 3.79    | 3.15    | 2.92    | 27.90   |    |
| 9                    | ( 4.64)         | ( 4.72)   | ( 2.35)               | 3.90   | 81.97         | 20.02           | 2.68                        | 3.77    | 10.68   | @ 2.91  | 23.17   |    |
| 10                   | ( 4.47)         | ( 4.67)   | ( 2.43)               | 5.25   | 57.61         | 17.48           | 2.84                        | 4.20    | # 18.98 | 2.93    | 18.21   |    |
| 半旬平均                 | ( 4.81)         | ( 4.74)   | ( 2.29)               | 4.24   | 88.20         | 20.72           | 2.66                        | 3.93    | 7.87    | 2.87    | 23.96   |    |
| 11                   | @R 4.30         | ( 4.63)   | ( 2.52)               | 7.55   | 74.16         | 16.73           | 2.65                        | 4.72    | 7.41    | 3.11    | 13.07   |    |
| 12                   | ( 4.33)         | ( 4.59)   | ( 2.60)               | 11.55  | 86.58         | 15.81           | # 4.49                      | 4.47    | 7.04    | 3.12    | 12.09   |    |
| 13                   | ( 4.37)         | ( 4.55)   | ( 2.69)               | 10.36  | 75.22         | 10.58           | 4.09                        | 5.42    | 4.29    | 2.99    | 13.48   |    |
| 14                   | ( 4.40)         | ( 4.51)   | ( 2.77)               | 11.60  | 67.24         | 8.74            | 3.07                        | 4.89    | 3.50    | 3.13    | 11.72   |    |
| 15                   | ( 4.43)         | ( 4.46)   | ( 2.86)               | 12.15  | 58.25         | 8.13            | 3.03                        | 5.11    | 3.48    | 3.90    | 9.81    |    |
| 半旬平均                 | ( 4.37)         | ( 4.55)   | ( 2.69)               | 10.64  | 72.29         | 12.00           | 3.47                        | 4.92    | 5.14    | 3.25    | 12.03   |    |
| 16                   | ( 4.46)         | ( 4.42)   | ( 2.94)               | 12.36  | 59.69         | 6.52            | 2.87                        | 12.27   | 3.63    | 3.55    | @ 8.07  |    |
| 17                   | ( 4.50)         | R 4.38    | ( 3.03)               | 13.04  | 58.04         | 7.13            | 2.66                        | 13.74   | 3.32    | 3.79    | 9.41    |    |
| 18                   | ( 4.53)         | ( 4.16)   | ( 3.11)               | 11.18  | 57.46         | 7.05            | 2.68                        | 13.25   | @ 3.00  | 4.34    | 22.78   |    |
| 19                   | R 4.56          | ( 3.93)   | ( 3.20)               | 16.32  | 53.94         | 6.41            | @ 2.36                      | 13.12   | 3.17    | 3.80    | 28.57   |    |
| 20                   | ( 4.63)         | ( 3.71)   | ( 3.28)               | 18.83  | 49.24         | 6.91            | 2.50                        | # 24.23 | 3.37    | 3.68    | 23.92   |    |
| 半旬平均                 | ( 4.54)         | ( 4.32)   | ( 3.11)               | 14.35  | 55.67         | 6.80            | 2.61                        | 15.32   | 3.30    | 3.83    | 18.55   |    |
| 21                   | ( 4.69)         | ( 3.48)   | ( 3.37)               | 19.64  | 45.89         | 6.32            | 2.73                        | 20.54   | 3.19    | 6.06    | 22.48   |    |
| 22                   | ( 4.76)         | ( 3.26)   | ( 3.45)               | 21.75  | 34.80         | 5.86            | 2.76                        | 19.38   | 3.29    | 5.93    | 18.56   |    |
| 23                   | ( 4.82)         | R 3.03    | ( 3.54)               | 32.20  | 16.21         | 5.96            | 2.72                        | 16.11   | 3.11    | 7.44    | 15.07   |    |
| 24                   | R 4.89          | ( 2.96)   | ( 3.62)               | 22.52  | 15.94         | 5.53            | 2.74                        | 10.71   | 3.15    | 26.43   | 13.14   |    |
| 25                   | ( 4.85)         | ( 2.90)   | ( 3.71)               | 23.58  | 15.75         | 5.22            | 2.87                        | 7.53    | 3.52    | # 29.37 | 11.29   |    |
| 半旬平均                 | ( 4.80)         | ( 3.13)   | ( 3.54)               | 23.94  | 23.72         | 5.78            | 2.76                        | 14.85   | 3.25    | 15.05   | 16.11   |    |
| 26                   | ( 4.81)         | ( 2.83)   | ( 3.79)               | 35.54  | 17.67         | 4.59            | 2.79                        | 7.59    | 3.36    | 25.01   | 11.88   |    |
| 27                   | ( 4.76)         | ( 2.77)   | ( 3.88)               | 161.76 | 29.03         | 4.04            | 2.79                        | 7.42    | 3.44    | 18.96   | 15.16   |    |
| 28                   | ( 4.72)         | ( 2.70)   | ( 3.96)               | 155.85 | 35.13         | 3.58            | 3.02                        | 5.72    | 3.15    | 14.80   | 12.07   |    |
| 29                   | ( 4.68)         | @ ( 2.64) | ( 4.05)               | 137.54 | 36.83         | 3.09            | 2.98                        | 6.09    | 3.13    | 13.39   | 10.62   |    |
| 30                   | ( 4.64)         |           | ( 4.13)               | 129.74 | 36.37         | @ 2.79          | 2.78                        | 6.14    | 3.15    | 13.19   | 13.15   |    |
| 31                   | ( 4.59)         |           | # ( 4.22)             | 31.97  | 31.97         |                 | 2.86                        | 6.28    |         | 12.48   |         |    |
| 半旬平均                 | ( 4.70)         | ( 2.74)   | ( 4.01)               | 124.09 | 31.17         | 3.62            | 2.87                        | 6.54    | 3.25    | 16.31   | 12.58   |    |
| 月合計                  | 146.22          | 116.54    | 94.40                 | 906.36 | 2111.58       | 375.04          | 88.71                       | 254.50  | 138.53  | 239.03  | 534.71  |    |
| 月平均                  | 4.72            | 4.02      | 3.05                  | 30.21  | 68.12         | 12.50           | 2.86                        | 8.21    | 4.62    | 7.71    | 17.82   |    |
| 比流量                  | 1.68            | 1.43      | 1.09                  | 10.76  | 24.27         | 4.45            | 1.02                        | 2.92    | 1.65    | 2.75    | 6.35    |    |
| 総流出量×10 <sup>3</sup> | 12.63           | 10.07     | 8.16                  | 78.31  | 182.44        | 32.40           | 7.66                        | 21.99   | 11.97   | 20.65   | 46.20   |    |
| 総流出高(mm)             | 45              | 36        | 29                    | 279    | 650           | 115             | 27                          | 78      | 43      | 74      | 165     |    |
| 流域面積                 | 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   |    |
|                      | 280.7           |           | 175.88 ( 4月27日23時 0分) |        |               | R 2.18 ( 3月 7日) |                             |         | 432.48  |         | 1541    |    |
| 観測方法                 | 流速計             |           | 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。 |         |         |         |         |    |
|                      | 北海道             |           | 昭和 43 年               |        | 水研様式 流量-8 (改) |                 |                             |         |         |         |         |    |



## 日 流 量 年 表

番 号 11 1 24

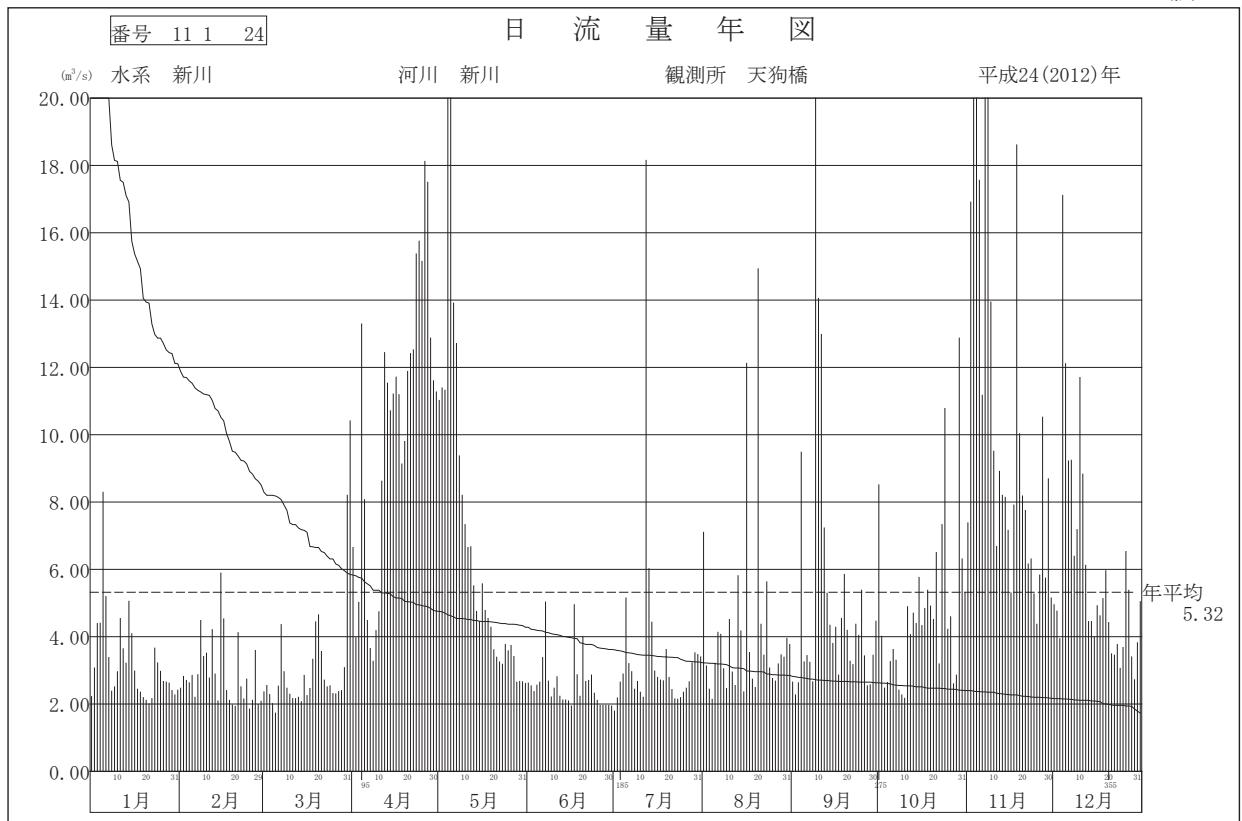
水 系 新川

河 川 新川

観測所 天狗橋

平成 24 ( 2012 ) 年

| 年                    | 1               | 2     | 3          | 4      | 5                 | 6     | 7      | 8      | 9                 | 10     | 11                          | 12     |                                 |  |       |  |    |               |  |
|----------------------|-----------------|-------|------------|--------|-------------------|-------|--------|--------|-------------------|--------|-----------------------------|--------|---------------------------------|--|-------|--|----|---------------|--|
| 1                    | 2.22            | 2.47  | 2.36       | 6.65   | 11.02             | 2.62  | 1.79   | 7.10   | 2.65              | 8.51   | 7.38                        | 4.95   |                                 |  |       |  |    |               |  |
| 2                    | 3.07            | 2.82  | 2.55       | 3.97   | 11.39             | 2.54  | 2.18   | 3.13   | 2.27              | 4.01   | 16.91                       | 4.76   |                                 |  |       |  |    |               |  |
| 3                    | 4.39            | 2.70  | 2.28       | 5.02   | 11.32             | 2.37  | 2.65   | 2.44   | 2.63              | 2.47   | 20.38                       | 3.94   |                                 |  |       |  |    |               |  |
| 4                    | 4.40            | 2.63  | 2.01       | 13.29  | 29.04             | 2.56  | 2.89   | 2.14   | 9.48              | 2.64   | 28.64                       | 17.11  |                                 |  |       |  |    |               |  |
| 5                    | 8.29            | 2.85  | 1.73       | 8.07   | 22.88             | 2.65  | 5.15   | 3.21   | 3.25              | 3.26   | 17.56                       | 12.11  |                                 |  |       |  |    |               |  |
| 半旬平均                 | 3.47            | 2.69  | 2.19       | 7.40   | 17.13             | 2.36  | 2.93   | 3.60   | 3.06              | 3.18   | 18.17                       | 8.57   |                                 |  |       |  |    |               |  |
| 6                    | 5.19            | 2.20  | 2.53       | 4.48   | 13.91             | 3.38  | 3.20   | 4.13   | 3.44              | 3.62   | 11.17                       | 9.22   |                                 |  |       |  |    |               |  |
| 7                    | 3.38            | 2.87  | 4.36       | 3.65   | 12.71             | 5.03  | 2.96   | 4.07   | 3.24              | 3.30   | 25.84                       | 9.24   |                                 |  |       |  |    |               |  |
| 8                    | 2.38            | 4.48  | 2.96       | 3.27   | 9.37              | 2.68  | 2.44   | 3.05   | 2.66              | 2.41   | 20.82                       | 6.39   |                                 |  |       |  |    |               |  |
| 9                    | 2.51            | 3.41  | 2.47       | 4.18   | 8.20              | 2.21  | 2.67   | 2.46   | 26.11             | 2.27   | 13.94                       | 7.18   |                                 |  |       |  |    |               |  |
| 10                   | 2.96            | 3.51  | 2.29       | 4.74   | 7.33              | 2.47  | 2.35   | 4.51   | 14.05             | 2.17   | 9.51                        | 11.70  |                                 |  |       |  |    |               |  |
| 半旬平均                 | 3.28            | 3.29  | 2.92       | 4.06   | 10.30             | 3.13  | 2.72   | 3.64   | 9.90              | 2.72   | 16.26                       | 8.75   |                                 |  |       |  |    |               |  |
| 11                   | 4.54            | 2.77  | 2.16       | 8.62   | 6.65              | 2.81  | 2.20   | 2.95   | 12.98             | 4.89   | 6.68                        | 8.83   |                                 |  |       |  |    |               |  |
| 12                   | 3.64            | 4.21  | 2.16       | 12.44  | 6.67              | 2.23  | 18.15  | 2.55   | 7.23              | 4.06   | 8.91                        | 6.12   |                                 |  |       |  |    |               |  |
| 13                   | 3.21            | 2.89  | 2.20       | 11.53  | 5.51              | 2.12  | 6.02   | 5.81   | 5.29              | 4.70   | 8.20                        | 4.45   |                                 |  |       |  |    |               |  |
| 14                   | 5.05            | 2.09  | 2.07       | 10.71  | 4.75              | 2.12  | 4.43   | 4.17   | 4.34              | 4.39   | 8.14                        | 4.45   |                                 |  |       |  |    |               |  |
| 15                   | 4.09            | 5.89  | 2.85       | 11.21  | 4.45              | 2.09  | 2.98   | 2.36   | 3.80              | 5.76   | 7.16                        | 3.98   |                                 |  |       |  |    |               |  |
| 半旬平均                 | 4.11            | 3.67  | 2.29       | 10.90  | 5.61              | 2.27  | 6.76   | 3.57   | 6.73              | 4.76   | 7.82                        | 5.57   |                                 |  |       |  |    |               |  |
| 16                   | 2.98            | 4.53  | 2.25       | 11.71  | 5.67              | 1.94  | 2.79   | 12.12  | 4.28              | 4.33   | 5.30                        | 4.92   |                                 |  |       |  |    |               |  |
| 17                   | 2.44            | 2.40  | 2.46       | 11.19  | 4.78              | 4.95  | 2.71   | 3.53   | 2.86              | 4.84   | 7.91                        | 4.62   |                                 |  |       |  |    |               |  |
| 18                   | 2.35            | 2.11  | 3.33       | 9.13   | 4.54              | 2.87  | 2.69   | 2.74   | 4.54              | 5.38   | 18.61                       | 5.13   |                                 |  |       |  |    |               |  |
| 19                   | 2.19            | 1.97  | 4.44       | 9.80   | 4.28              | 2.23  | 3.62   | 2.49   | 5.85              | 4.91   | 10.03                       | 5.96   |                                 |  |       |  |    |               |  |
| 20                   | 2.11            | 1.93  | 4.65       | 11.88  | 3.61              | 4.00  | 2.79   | 14.93  | 4.19              | 4.51   | 8.18                        | 4.42   |                                 |  |       |  |    |               |  |
| 半旬平均                 | 2.41            | 2.59  | 3.43       | 10.74  | 3.56              | 3.20  | 2.92   | 7.16   | 4.34              | 4.79   | 10.01                       | 5.01   |                                 |  |       |  |    |               |  |
| 21                   | 2.00            | 4.12  | 3.56       | 12.41  | 3.39              | 2.67  | 2.43   | 4.37   | 3.27              | 6.50   | 7.75                        | 3.49   |                                 |  |       |  |    |               |  |
| 22                   | 2.16            | 2.51  | 2.71       | 12.52  | 3.25              | 2.70  | 2.15   | 3.45   | 3.17              | 3.19   | 6.16                        | 3.45   |                                 |  |       |  |    |               |  |
| 23                   | 3.66            | 2.15  | 2.51       | 15.37  | 3.18              | 2.86  | 2.14   | 5.63   | 4.37              | 7.33   | 6.31                        | 3.77   |                                 |  |       |  |    |               |  |
| 24                   | 3.22            | 2.74  | 2.54       | 15.75  | 3.77              | 2.32  | 2.19   | 3.07   | 4.04              | 10.78  | 5.27                        | 3.06   |                                 |  |       |  |    |               |  |
| 25                   | 2.97            | 1.85  | 2.31       | 15.15  | 3.58              | 2.11  | 2.35   | 2.76   | 5.38              | 4.22   | 4.37                        | 3.68   |                                 |  |       |  |    |               |  |
| 半旬平均                 | 2.80            | 2.67  | 2.73       | 14.24  | 3.43              | 2.52  | 2.25   | 3.86   | 4.65              | 4.47   | 5.91                        | 3.49   |                                 |  |       |  |    |               |  |
| 26                   | 2.67            | 2.11  | 2.30       | 18.12  | 3.74              | 1.96  | 2.47   | 2.68   | 3.43              | 4.59   | 5.83                        | 6.53   |                                 |  |       |  |    |               |  |
| 27                   | 2.65            | 3.59  | 2.37       | 17.50  | 3.41              | 1.96  | 2.66   | 3.19   | 2.54              | 2.60   | 10.52                       | 5.38   |                                 |  |       |  |    |               |  |
| 28                   | 2.62            | 1.99  | 2.40       | 12.87  | 2.65              | 1.96  | 3.22   | 3.46   | 2.57              | 2.86   | 5.74                        | 3.40   |                                 |  |       |  |    |               |  |
| 29                   | 2.40            | 2.08  | 3.08       | 11.60  | 2.67              | 1.96  | 3.52   | 3.39   | 3.45              | 12.87  | 8.69                        | 2.72   |                                 |  |       |  |    |               |  |
| 30                   | 2.27            | 8.20  | 11.27      | 2.66   | 2.66              | 1.94  | 3.47   | 3.95   | 4.46              | 6.31   | 5.15                        | 3.82   |                                 |  |       |  |    |               |  |
| 31                   | 2.41            | 10.41 | 2.61       | 2.61   | 2.61              | 3.40  | 3.40   | 3.77   | 5.30              | 5.30   | 5.04                        | 5.04   |                                 |  |       |  |    |               |  |
| 半旬平均                 | 2.50            | 2.44  | 4.79       | 14.27  | 2.96              | 1.96  | 3.12   | 3.41   | 3.29              | 5.76   | 7.19                        | 4.48   |                                 |  |       |  |    |               |  |
| 月合計                  | 100.42          | 83.87 | 96.50      | 308.10 | 222.89            | 78.31 | 106.66 | 129.61 | 161.82            | 148.98 | 327.06                      | 183.82 |                                 |  |       |  |    |               |  |
| 月平均                  | 3.24            | 2.89  | 3.11       | 10.27  | 7.19              | 2.61  | 3.44   | 4.18   | 5.39              | 4.81   | 10.90                       | 5.93   |                                 |  |       |  |    |               |  |
| 比流量                  | 3.01            | 2.69  | 2.89       | 9.55   | 6.69              | 2.43  | 3.20   | 3.89   | 5.01              | 4.47   | 10.14                       | 5.52   |                                 |  |       |  |    |               |  |
| 総流出量×10 <sup>3</sup> | 8.68            | 7.25  | 8.34       | 26.62  | 19.26             | 6.77  | 9.22   | 11.20  | 13.98             | 12.87  | 28.26                       | 15.88  |                                 |  |       |  |    |               |  |
| 総流出高(mm)             | 81              | 67    | 78         | 248    | 179               | 63    | 86     | 104    | 130               | 120    | 263                         | 148    |                                 |  |       |  |    |               |  |
| 流域面積                 | 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 |               |  |
|                      | 107.5           |       | 89.23      |        | ( 9月 9日12時 0分)    |       | 0.66   |        | ( 3月 5日 8時 0分)    |        | 168.33                      |        |                                 |  | 1566  |  |    |               |  |
| 観測方法                 | 流速計             |       | 観測機関       |        | 北海道               |       | 観測開始年  |        | 昭和 37 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 表

番 号 □ 114 24

水 系 石狩川

河 川 美唄川

観測所 美唄ダム

平成 24 ( 2012 ) 年

| 日                    | 1               | 2      | 3          | 4         | 5       | 6                 | 7         | 8      | 9                           | 10     | 11     | 12                              |  |  |
|----------------------|-----------------|--------|------------|-----------|---------|-------------------|-----------|--------|-----------------------------|--------|--------|---------------------------------|--|--|
| 1                    | 0.86            | # 0.71 | 0.47       | 1.86      | # 12.37 | 0.84              | 0.46      | 2.52   | 0.74                        | 2.27   | 1.52   | 1.73                            |  |  |
| 2                    | 0.86            | 0.65   | *          | 1.36      | 11.30   | 0.78              | *         | 1.04   | 0.71                        | 1.37   | 2.92   | 1.45                            |  |  |
| 3                    | 0.86            | 0.63   | 0.47       | 1.19      | 9.18    | 0.73              | 0.46      | 0.80   | 0.66                        | 1.15   | 3.90   | 1.46                            |  |  |
| 4                    | 0.86            | 0.63   | 0.34       | 1.84      | 9.77    | 0.71              | 0.42      | 0.65   | 0.74                        | 1.18   | 2.92   | 3.32                            |  |  |
| 5                    | 0.86            | 0.63   | @ 0.23     | 1.71      | 7.75    | 0.66              | 0.51      | 0.69   | 0.79                        | 0.97   | 2.35   | # 3.52                          |  |  |
| 半旬平均                 | 0.86            | 0.65   | ( 0.38 )   | 1.59      | 10.07   | 0.73              | ( 0.46 )  | 1.14   | 0.73                        | 1.39   | 2.72   | 2.30                            |  |  |
| 6                    | # 0.87          | 0.63   | 0.40       | 1.42      | 6.76    | 0.74              | 0.64      | 0.89   | 0.65                        | 1.09   | 2.01   | 2.33                            |  |  |
| 7                    | 0.86            | 0.63   | 0.56       | *         | 7.35    | 0.84              | 0.49      | 0.70   | 0.63                        | 1.20   | 2.35   | 1.84                            |  |  |
| 8                    | 0.80            | 0.63   | 0.56       | *         | 5.42    | 0.73              | 0.41      | 0.57   | @ 0.61                      | 0.97   | 2.19   | 1.62                            |  |  |
| 9                    | 0.78            | 0.63   | 0.54       | *         | 4.70    | 0.65              | 0.44      | @ 0.54 | 1.83                        | 0.88   | 1.87   | 1.55                            |  |  |
| 10                   | 0.79            | 0.63   | 0.56       | *         | 4.04    | 0.67              | 0.46      | 0.77   | 14.16                       | @ 0.87 | 1.61   | 1.47                            |  |  |
| 半旬平均                 | 0.82            | 0.63   | 0.52       | ( 1.42 )  | 5.65    | 0.73              | 0.49      | 0.69   | 3.58                        | 1.80   | 2.01   | 1.76                            |  |  |
| 11                   | 0.79            | 0.63   | 0.56       | *         | 3.34    | 0.88              | 0.42      | 1.94   | 12.42                       | 0.88   | 1.46   | 1.28                            |  |  |
| 12                   | 0.79            | 0.63   | 0.56       | *         | 2.63    | 0.66              | 0.94      | 1.03   | # 18.30                     | 0.95   | 1.41   | 1.25                            |  |  |
| 13                   | 0.79            | 0.63   | 0.54       | *         | 2.28    | 0.63              | # 1.57    | # 8.28 | 4.92                        | 0.95   | 1.40   | 1.11                            |  |  |
| 14                   | 0.78            | 0.63   | 0.54       | 3.54      | 2.47    | 0.58              | 0.93      | 6.25   | 2.85                        | 1.14   | 1.68   | 1.11                            |  |  |
| 15                   | 0.78            | 0.63   | 0.54       | 5.10      | 2.31    | 0.54              | 0.76      | 2.73   | 2.08                        | 2.48   | 1.72   | 1.10                            |  |  |
| 半旬平均                 | 0.79            | 0.63   | 0.55       | ( 4.32 )  | 2.61    | 0.66              | 0.92      | 4.05   | 8.11                        | 1.28   | 1.53   | 1.17                            |  |  |
| 16                   | 0.79            | 0.63   | 0.54       | 5.66      | 2.78    | 0.54              | 0.66      | 7.02   | 1.73                        | 2.79   | 1.53   | 1.10                            |  |  |
| 17                   | 0.79            | 0.63   | 0.54       | 6.24      | 3.75    | 0.81              | 0.58      | 3.96   | 1.51                        | 2.97   | 3.73   | 1.11                            |  |  |
| 18                   | 0.79            | 0.58   | 0.61       | 6.39      | 2.84    | 0.78              | 0.51      | 2.50   | 1.30                        | 4.36   | # 3.93 | 1.04                            |  |  |
| 19                   | 0.79            | 0.56   | 0.63       | 6.58      | 2.36    | 0.64              | 0.46      | 1.86   | 1.19                        | 2.78   | 2.76   | 1.00                            |  |  |
| 20                   | 0.73            | 0.56   | 0.63       | # 7.14    | 2.08    | 0.61              | 0.42      | 5.41   | 1.10                        | 2.45   | 2.21   | 0.95                            |  |  |
| 半旬平均                 | 0.78            | 0.59   | 0.59       | 6.40      | 2.76    | 0.68              | 0.53      | 4.15   | 1.37                        | 3.07   | 2.83   | 1.04                            |  |  |
| 21                   | 0.71            | 0.56   | 0.64       | *         | 1.87    | 0.63              | 0.38      | 3.79   | 1.00                        | 3.29   | 1.95   | 0.95                            |  |  |
| 22                   | 0.71            | 0.56   | 0.63       | *         | 1.68    | 0.66              | 0.37      | 2.35   | 0.93                        | 3.44   | 1.76   | 0.95                            |  |  |
| 23                   | 0.71            | 0.56   | 0.63       | *         | 1.49    | # 0.95            | 0.38      | 1.80   | 0.87                        | 4.50   | 1.59   | 0.94                            |  |  |
| 24                   | 0.71            | 0.56   | 0.63       | *         | 1.31    | 0.89              | 0.38      | 1.49   | 0.85                        | # 5.68 | 1.47   | 0.94                            |  |  |
| 25                   | *               | 0.56   | *          | *         | 1.22    | 0.77              | 0.38      | 1.29   | 0.98                        | 4.17   | @ 1.40 | 0.95                            |  |  |
| 半旬平均                 | 0.71            | 0.56   | ( 0.63 )   | *         | 1.51    | 0.78              | 0.38      | 2.14   | 0.93                        | 4.22   | 1.63   | 0.95                            |  |  |
| 26                   | *               | 0.56   | 0.63       | *         | 1.29    | 0.66              | 0.38      | 1.16   | 0.92                        | 2.94   | 1.44   | 0.95                            |  |  |
| 27                   | 0.71            | 0.56   | 0.63       | *         | 1.06    | 0.58              | 0.33      | 1.31   | 0.84                        | 2.28   | 1.61   | 0.95                            |  |  |
| 28                   | 0.71            | @ 0.46 | 0.63       | *         | 0.98    | 0.54              | 0.30      | 1.02   | 0.77                        | 1.93   | 1.55   | 0.95                            |  |  |
| 29                   | 0.71            | 0.47   | 0.74       | *         | 0.97    | 0.50              | 0.21      | 0.93   | 0.71                        | 1.89   | 2.44   | 0.90                            |  |  |
| 30                   | 0.71            |        | 1.41       | *         | 1.03    | @ 0.46            | 0.12      | 0.85   | 0.95                        | 1.85   | 2.00   | @ 0.87                          |  |  |
| 31                   | @ 0.71          | #      | 2.86       | @         | 0.89    | @                 | 0.07      | 0.79   |                             | 1.67   |        | 0.95                            |  |  |
| 半旬平均                 | 0.71            | 0.51   | 1.15       | *         | 1.04    | 0.55              | 0.24      | 1.01   | 0.84                        | 2.09   | 1.81   | 0.93                            |  |  |
| 月合計                  | ( 22.61 )       | 17.36  | ( 19.25 )  | ( 50.03 ) | 119.27  | 20.66             | ( 14.84 ) | 66.93  | 77.74                       | 67.34  | 62.68  | 41.64                           |  |  |
| 月平均                  | 0.73            | 0.60   | ( 0.66 )   | ( 3.85 )  | 3.85    | 0.69              | ( 0.49 )  | 2.16   | 2.59                        | 2.17   | 2.09   | 1.34                            |  |  |
| 比流量                  | ( 3.17 )        | 2.44   | ( 2.68 )   | ( 15.65 ) | 15.65   | 2.80              | ( 1.99 )  | 8.78   | 10.53                       | 8.82   | 8.50   | 5.45                            |  |  |
| 総流出量×10 <sup>3</sup> | ( 1.95 )        | 1.50   | ( 1.66 )   | ( 4.32 )  | 10.30   | 1.79              | ( 1.28 )  | 5.78   | 6.72                        | 5.82   | 5.42   | 3.60                            |  |  |
| 総流出高(mm)             | ( 79 )          | 61     | ( 67 )     | ( 176 )   | 419     | 73                | ( 52 )    | 235    | 273                         | 237    | 220    | 146                             |  |  |
| 流域面積                 | 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               |  |  |
|                      | 24.6            |        | 18.30      |           |         | ( 9月12日 )         |           |        | 0.07                        |        |        | ( 7月31日 )                       |  |  |
|                      |                 |        |            |           |         |                   |           |        | 50.14                       |        |        | ×10 <sup>3</sup> m <sup>3</sup> |  |  |
|                      |                 |        |            |           |         |                   |           |        |                             |        |        | 2038                            |  |  |
| 年総流出高                |                 |        |            |           |         |                   |           |        |                             |        | mm     |                                 |  |  |
| 観測方法                 | 観測機関            |        |            |           | 観測開始年   |                   |           |        |                             |        |        |                                 |  |  |
|                      | 北海道             |        |            |           | 昭和 57 年 |                   |           |        |                             |        |        |                                 |  |  |
|                      |                 |        |            |           |         |                   |           |        | # 日流量の月最大値を示す。@ 日流量の月最小を示す。 |        |        |                                 |  |  |
| ※ 概算値。流量＝8 (改)       |                 |        |            |           |         |                   |           |        |                             |        |        |                                 |  |  |

水研様式 流量-8 (改)

番号 □ 114 24

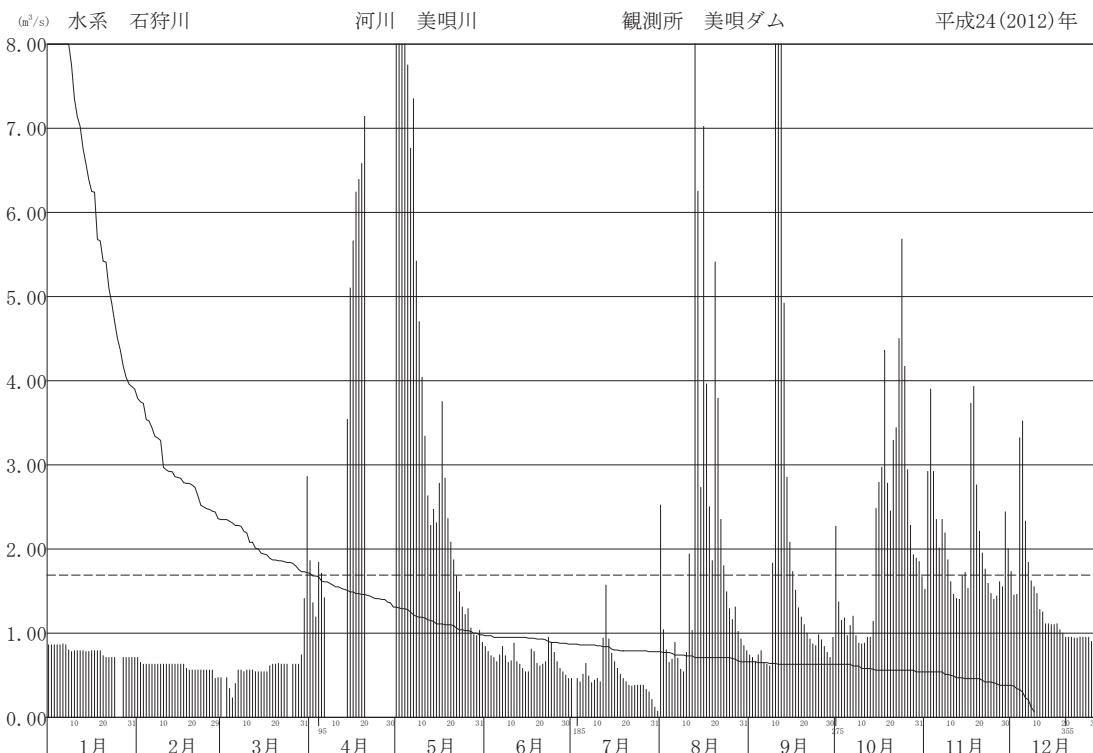
## 日 流 量 年 図

水系 石狩川

河川 美唄川

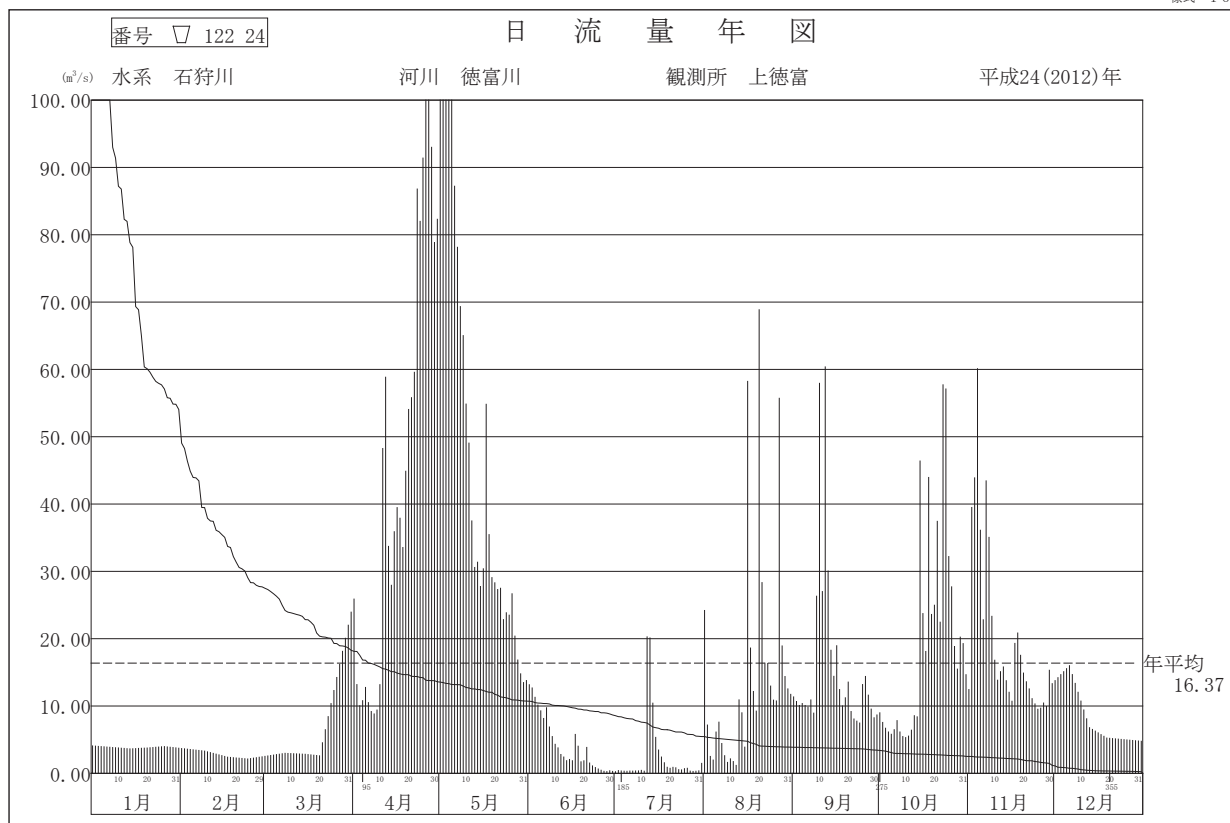
観測所 美唄ダム

平成24(2012)年

年平均  
1.69

## 日 流 量 年 表

| 番 号                  |    | 122 24          |    | 水 系 石狩川        |   | 河 川 徳富川           |         | 観測所 上徳富 |       | 平成 24 ( 2012 ) 年  |       |                             |        |                                 |        |          |           |           |          |    |  |    |  |
|----------------------|----|-----------------|----|----------------|---|-------------------|---------|---------|-------|-------------------|-------|-----------------------------|--------|---------------------------------|--------|----------|-----------|-----------|----------|----|--|----|--|
| 1                    |    | 2               |    | 3              |   | 4                 |         | 5       |       | 6                 |       | 7                           |        | 8                               |        | 9        |           | 10        |          | 11 |  | 12 |  |
| 1                    | #  | ( 4.07 )        | #  | ( 3.68 )       | # | ( 2.52 )          | 25.88   | 106.05  | #     | 13.16             | #     | 0.24                        | 24.19  | 11.35                           | 8.99   | 12.44    | ( 13.77 ) |           |          |    |  |    |  |
| 2                    |    | ( 4.04 )        |    | ( 3.64 )       |   | ( 2.58 )          | 13.18   | 123.40  |       | 12.68             |       | 0.41                        | 7.17   | 10.67                           | 7.56   | 39.49    | ( 14.21 ) |           |          |    |  |    |  |
| 3                    |    | ( 4.00 )        |    | ( 3.59 )       |   | ( 2.65 )          | 10.04   | 108.88  |       | 11.29             |       | 0.35                        | 2.51   | 10.08                           | 6.70   | 43.89    | ( 14.66 ) |           |          |    |  |    |  |
| 4                    |    | ( 3.97 )        |    | ( 3.54 )       |   | ( 2.71 )          | 10.79   | 130.09  |       | 10.13             |       | 0.32                        | 1.97   | 10.37                           | 6.14   | #        | 60.10     | ( 15.10 ) |          |    |  |    |  |
| 5                    |    | ( 3.94 )        |    | ( 3.49 )       |   | ( 2.78 )          | 12.76   | 112.28  |       | 9.28              |       | 0.30                        | 6.13   | 10.08                           | 5.80   | 36.11    | ( 15.55 ) |           |          |    |  |    |  |
| 半旬平均                 |    | ( 3.90 )        |    | ( 3.59 )       |   | ( 2.65 )          | 14.53   | 117.14  |       | 11.31             |       | 0.32                        | 8.39   | 10.51                           | 7.04   | 38.41    | ( 14.66 ) |           |          |    |  |    |  |
| 6                    |    | ( 3.90 )        |    | ( 3.44 )       |   | ( 2.84 )          | 10.50   | 87.21   |       | 8.15              |       | 0.34                        | 7.60   | 9.84                            | 6.48   | 22.81    | #R        | 15.99     |          |    |  |    |  |
| 7                    |    | ( 3.87 )        |    | ( 3.40 )       |   | ( 2.91 )          | 9.18    | 78.14   |       | 9.74              |       | 0.33                        | 4.43   | 10.90                           | 7.83   | 43.44    | ( 14.67 ) |           |          |    |  |    |  |
| 8                    |    | ( 3.83 )        |    | ( 3.35 )       | R | 2.97              | #       | 8.82    |       | 69.33             |       | 0.35                        | 2.62   | 8.94                            | 6.14   | 35.05    | ( 13.36 ) |           |          |    |  |    |  |
| 9                    |    | ( 3.80 )        | R  | 3.30           |   | ( 2.95 )          | 9.40    | 65.02   |       | 5.46              |       | 0.36                        | 1.62   | 26.31                           | 5.46   | 23.32    | ( 12.04 ) |           |          |    |  |    |  |
| 10                   |    | ( 3.77 )        |    | ( 3.19 )       |   | ( 2.93 )          | 13.17   | 54.85   |       | 4.31              |       | 0.44                        | 2.15   | 57.93                           | #      | 5.31     | 16.80     | ( 10.73 ) |          |    |  |    |  |
| 半旬平均                 |    | ( 3.83 )        |    | ( 3.34 )       |   | ( 2.92 )          | 10.21   | 70.91   |       | 6.31              |       | 0.36                        | 3.68   | 22.78                           | 6.21   | 28.28    | ( 13.36 ) |           |          |    |  |    |  |
| 11                   |    | ( 3.73 )        |    | ( 3.08 )       |   | ( 2.91 )          | 48.25   | 49.05   |       | 3.78              |       | 0.32                        | 1.75   | 27.00                           | 5.53   | 13.83    | ( 9.41 )  |           |          |    |  |    |  |
| 12                   |    | ( 3.70 )        |    | ( 2.96 )       |   | ( 2.89 )          | 58.84   | 37.49   |       | 2.80              | #     | 20.27                       | #      | 1.18                            | #      | 60.37    | 6.41      | 15.10     | ( 8.10 ) |    |  |    |  |
| 13                   |    | ( 3.66 )        |    | ( 2.85 )       |   | ( 2.87 )          | 33.71   | 30.58   |       | 2.42              | 20.11 | 10.91                       | 30.05  | 8.56                            | 15.80  | R        | 6.78      |           |          |    |  |    |  |
| 14                   | #R | 3.63            |    | ( 2.74 )       |   | ( 2.85 )          | 27.93   | 31.36   |       | 1.88              | 10.42 | 8.99                        | 18.28  | 8.39                            | 13.76  | ( 6.52 ) |           |           |          |    |  |    |  |
| 15                   |    | ( 3.65 )        |    | ( 2.63 )       | R | 2.83              | 35.89   | 27.75   |       | 2.06              | 5.34  | 3.89                        | 14.41  | 46.39                           | 12.04  | ( 6.27 ) |           |           |          |    |  |    |  |
| 半旬平均                 |    | ( 3.67 )        |    | ( 2.85 )       |   | ( 2.87 )          | 40.92   | 35.25   |       | 2.59              | 11.29 | 5.34                        | 30.02  | 15.06                           | 14.11  | ( 7.42 ) |           |           |          |    |  |    |  |
| 16                   |    | ( 3.67 )        |    | ( 2.51 )       |   | ( 2.78 )          | 39.47   | 30.38   |       | 1.87              | 3.46  | 58.22                       | 18.95  | 23.73                           | 10.71  | ( 6.01 ) |           |           |          |    |  |    |  |
| 17                   |    | ( 3.70 )        | R  | 2.40           |   | ( 2.74 )          | 37.89   | 54.82   |       | 5.78              | 2.42  | 18.61                       | 12.44  | 18.10                           | 19.30  | ( 5.75 ) |           |           |          |    |  |    |  |
| 18                   |    | ( 3.72 )        |    | ( 2.36 )       |   | ( 2.69 )          | 33.54   | 35.46   |       | 4.03              | 1.57  | 12.16                       | 10.01  | 43.95                           | 20.84  | ( 5.50 ) |           |           |          |    |  |    |  |
| 19                   |    | ( 3.74 )        |    | ( 2.32 )       |   | ( 2.65 )          | 44.87   | 29.07   |       | 1.71              | 0.90  | 9.24                        | 11.22  | 23.60                           | 17.53  | R        | 5.24      |           |          |    |  |    |  |
| 20                   | R  | 3.76            |    | ( 2.28 )       | R | 2.60              | 54.05   | 28.30   |       | 1.86              | 0.75  | #                           | 68.86  | 13.55                           | 24.97  | 14.89    | ( 5.20 )  |           |          |    |  |    |  |
| 半旬平均                 |    | ( 3.72 )        |    | ( 2.37 )       |   | ( 2.69 )          | 41.96   | 35.61   |       | 3.05              | 1.82  | 33.42                       | 13.23  | 26.87                           | 16.65  | ( 5.34 ) |           |           |          |    |  |    |  |
| 21                   |    | ( 3.80 )        |    | ( 2.25 )       |   | ( 4.54 )          | 55.80   | 27.30   |       | 3.85              | 0.89  | 28.33                       | 9.18   | 37.43                           | 13.60  | ( 5.16 ) |           |           |          |    |  |    |  |
| 22                   |    | ( 3.83 )        |    | ( 2.21 )       |   | ( 6.48 )          | 59.57   | 27.49   |       | 1.53              | 0.82  | 16.37                       | 8.07   | 22.45                           | 12.54  | ( 5.12 ) |           |           |          |    |  |    |  |
| 23                   |    | ( 3.87 )        |    | ( 2.17 )       |   | ( 8.42 )          | 86.79   | 22.83   |       | 1.10              | 0.54  | 16.32                       | 7.75   | 57.71                           | 11.09  | ( 5.08 ) |           |           |          |    |  |    |  |
| 24                   |    | ( 3.90 )        | #R | 2.13           |   | ( 10.36 )         | 81.99   | 23.85   |       | 0.86              | 0.51  | 12.96                       | #      | 7.47                            | 57.09  | 10.31    | ( 5.04 )  |           |          |    |  |    |  |
| 25                   |    | ( 3.94 )        |    | ( 2.19 )       |   | ( 12.30 )         | 91.39   | 23.49   |       | 0.64              | 0.69  | 10.87                       | 13.19  | 32.20                           | #      | 9.52     | ( 5.00 )  |           |          |    |  |    |  |
| 半旬平均                 |    | ( 3.87 )        |    | ( 2.19 )       |   | ( 8.42 )          | 75.11   | 24.39   |       | 1.60              | 0.69  | 16.97                       | 9.13   | 31.38                           | 11.41  | ( 5.08 ) |           |           |          |    |  |    |  |
| 26                   | R  | 3.97            |    | ( 2.26 )       |   | ( 14.24 )         | 120.01  | 26.67   |       | 0.46              | 0.75  | 10.75                       | 14.39  | 27.70                           | 9.68   | ( 4.96 ) |           |           |          |    |  |    |  |
| 27                   |    | ( 3.92 )        |    | ( 2.32 )       |   | ( 16.18 )         | #       | 161.87  |       | 20.38             | 0.30  | 0.33                        | 55.71  | 11.61                           | 18.84  | 10.44    | ( 4.92 )  |           |          |    |  |    |  |
| 28                   |    | ( 3.87 )        |    | ( 2.39 )       |   | ( 18.12 )         | 92.99   | 16.83   |       | 0.26              | 0.28  | 18.92                       | 9.54   | 15.48                           | 9.93   | ( 4.88 ) |           |           |          |    |  |    |  |
| 29                   |    | ( 3.83 )        |    | ( 2.45 )       |   | ( 20.06 )         | 78.85   | 14.78   |       | 0.38              | 0.31  | 14.38                       | 8.25   | 20.23                           | 15.31  | ( 4.84 ) |           |           |          |    |  |    |  |
| 30                   |    | ( 3.78 )        |    |                |   | ( 22.00 )         | 82.30   | #       | 13.48 | 0.29              | 0.37  | 12.54                       | 8.67   | 19.27                           | 13.32  | ( 4.80 ) |           |           |          |    |  |    |  |
| 31                   |    | ( 3.73 )        |    |                | # | ( 23.94 )         |         | 13.78   |       |                   | 1.48  | 11.73                       |        | 14.65                           |        | #        | ( 4.76 )  |           |          |    |  |    |  |
| 半旬平均                 |    | ( 3.85 )        |    | ( 2.36 )       |   | ( 19.09 )         | 107.20  | 17.65   |       | 0.34              | 0.59  | 20.67                       | 10.49  | 19.36                           | 11.74  | ( 4.86 ) |           |           |          |    |  |    |  |
| 月合計                  |    | 118.59          |    | 81.12          |   | 212.29            | 1449.72 | 1520.39 |       | 128.94            | 75.97 | 463.08                      | 480.87 | 599.09                          | 602.99 | 259.42   |           |           |          |    |  |    |  |
| 月平均                  |    | 3.83            |    | 2.80           |   | 6.85              | 46.32   | 49.04   |       | 4.30              | 2.45  | 14.94                       | 16.03  | 19.33                           | 20.10  | 8.37     |           |           |          |    |  |    |  |
| 比流量                  |    | 1.60            |    | 1.17           |   | 2.86              | 20.20   | 20.50   |       | 1.80              | 1.02  | 6.25                        | 6.70   | 8.08                            | 8.40   | 3.50     |           |           |          |    |  |    |  |
| 総流出量×10 <sup>3</sup> |    | 10.25           |    | 7.01           |   | 18.34             | 125.26  | 131.36  |       | 11.14             | 6.56  | 40.01                       | 41.55  | 51.76                           | 52.10  | 22.41    |           |           |          |    |  |    |  |
| 総流出高(mm)             |    | 43              |    | 29             |   | 77                | 524     | 549     |       | 47                | 27    | 167                         | 174    | 216                             | 218    | 94       |           |           |          |    |  |    |  |
| 流域面積                 |    | 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        |          |    |  |    |  |
|                      |    | 239.2           |    | 219.16         |   | ( 8月16日 9時 0分 )   |         | 0.18    |       | ( 8月12日 9時 0分 )   |       | 517.75                      |        |                                 |        | 2165     |           |           |          |    |  |    |  |
| 観測方法                 |    | 流速計             |    | 観測機関           |   | 北海道               |         | 観測開始年   |       | 昭和 54 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 表

番 号 123 24

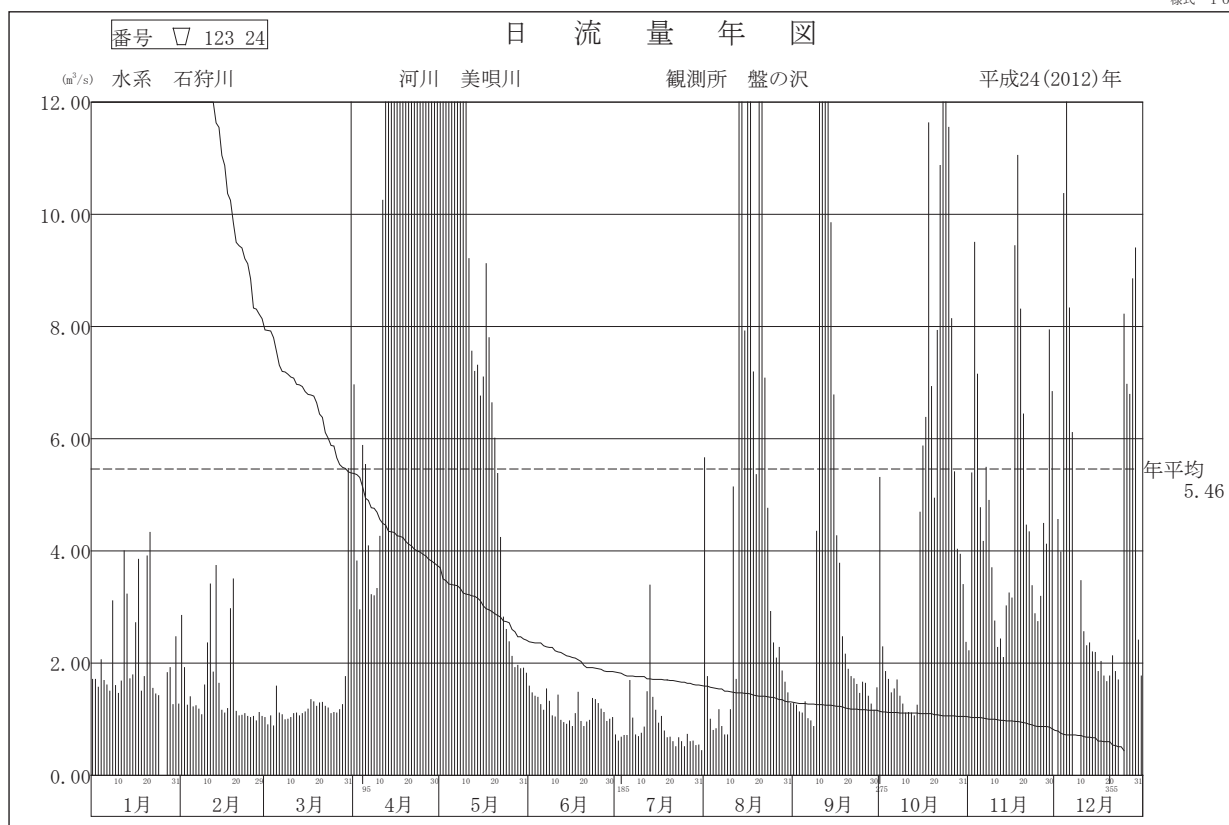
水 系 石狩川

河 川 美唄川

観測所 盤の沢

平成 24 ( 2012 ) 年

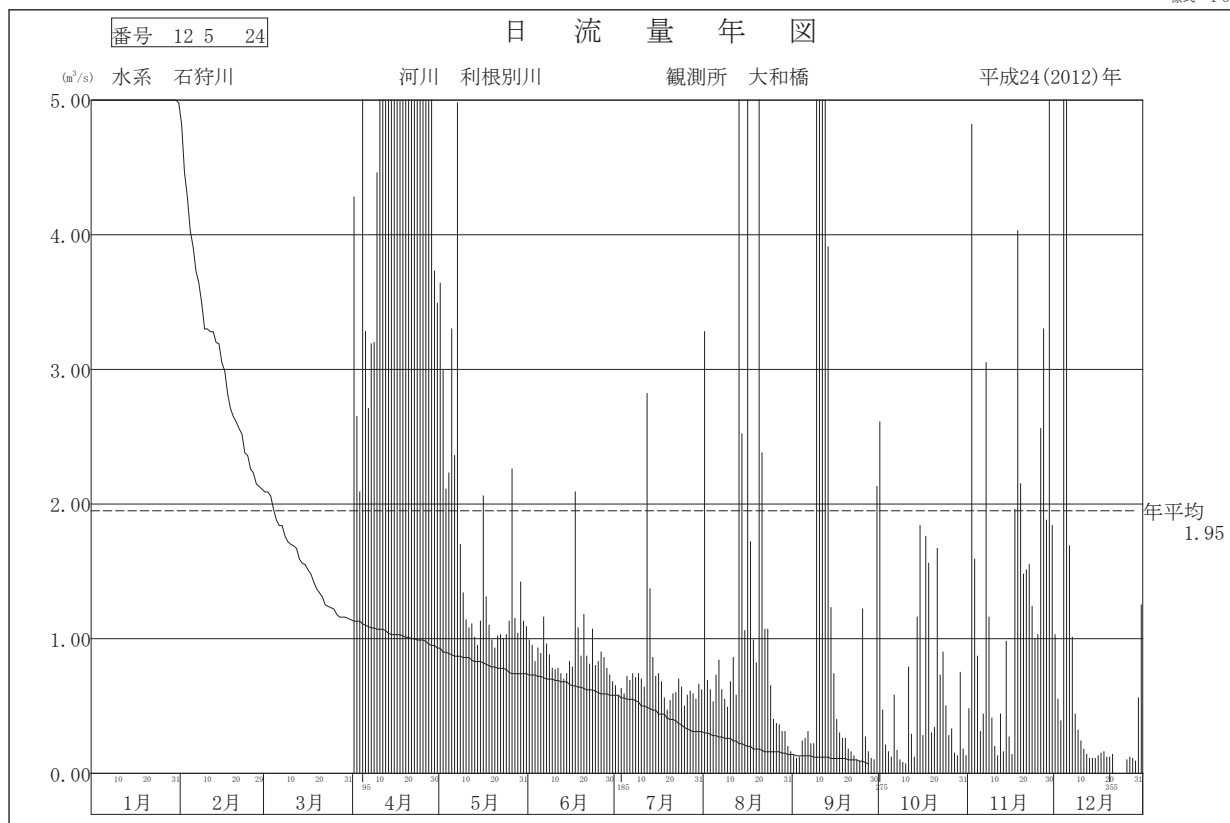
|                      | 1               | 2     | 3            | 4      | 5                 | 6     | 7       | 8      | 9                           | 10     | 11            | 12         |                                 |  |       |  |    |  |
|----------------------|-----------------|-------|--------------|--------|-------------------|-------|---------|--------|-----------------------------|--------|---------------|------------|---------------------------------|--|-------|--|----|--|
| 1                    | 1.71            | 2.85  | 1.03         | 6.96   | 35.63             | 1.59  | 0.72    | 5.66   | 1.28                        | 5.31   | 2.22          | *          |                                 |  |       |  |    |  |
| 2                    | 1.71            | 1.92  | 0.90         | 3.82   | 33.09             | 1.47  | 0.61    | 1.76   | 1.25                        | 2.29   | 5.39          | 4.56       |                                 |  |       |  |    |  |
| 3                    | 1.57            | 1.25  | 1.06         | 2.95   | 27.50             | 1.41  | 0.68    | 1.00   | 1.13                        | 1.85   | 9.50          | 3.98       |                                 |  |       |  |    |  |
| 4                    | 2.06            | 1.40  | 0.88         | 5.88   | 26.59             | 1.39  | 0.71    | 0.80   | 1.11                        | 1.71   | 7.15          | 10.37      |                                 |  |       |  |    |  |
| 5                    | 1.69            | 1.22  | 1.59         | 5.54   | 22.36             | 1.26  | 0.71    | 0.83   | 1.31                        | 1.47   | 4.77          | 13.67      |                                 |  |       |  |    |  |
| 半旬平均                 | 1.75            | 1.73  | 1.09         | 5.03   | 29.03             | 1.42  | 0.69    | 2.07   | 1.22                        | 2.53   | 5.81          | 8.15       |                                 |  |       |  |    |  |
| 6                    | 1.61            | 1.24  | 1.11         | 4.09   | 18.70             | 1.16  | 1.69    | 1.17   | 1.01                        | 1.54   | 4.17          | 8.33       |                                 |  |       |  |    |  |
| 7                    | 1.50            | 1.18  | 1.08         | 3.22   | 21.10             | 1.54  | 1.02    | 0.87   | 0.97                        | 1.70   | 5.49          | 6.11       |                                 |  |       |  |    |  |
| 8                    | 3.11            | 1.08  | 0.99         | 3.20   | 17.05             | 1.32  | 0.72    | 0.72   | 0.87                        | 1.41   | 4.90          | *          |                                 |  |       |  |    |  |
| 9                    | 1.60            | 1.61  | 1.00         | 3.33   | 17.49             | 1.06  | 0.69    | 0.72   | 4.35                        | 1.27   | 3.70          | *          |                                 |  |       |  |    |  |
| 10                   | 1.46            | 2.36  | 1.03         | 4.26   | 13.50             | 1.04  | 0.75    | 1.17   | 39.57                       | 1.11   | 2.75          | 3.47       |                                 |  |       |  |    |  |
| 半旬平均                 | 1.86            | 1.49  | 1.04         | 3.62   | 17.57             | 1.22  | 0.97    | 0.93   | 9.35                        | 1.41   | 4.20          | 5.97       |                                 |  |       |  |    |  |
| 11                   | 1.68            | 3.41  | 1.10         | 10.25  | 9.21              | 1.43  | 0.86    | 5.14   | 33.18                       | 1.12   | 2.28          | 2.56       |                                 |  |       |  |    |  |
| 12                   | 4.00            | 1.84  | 1.11         | 21.62  | 7.56              | 0.98  | 1.49    | 1.71   | 46.71                       | 1.11   | 2.43          | 2.31       |                                 |  |       |  |    |  |
| 13                   | 3.23            | 3.74  | 1.06         | 15.97  | 7.20              | 0.94  | 3.39    | 18.72  | 17.28                       | 1.06   | 2.10          | 2.36       |                                 |  |       |  |    |  |
| 14                   | 1.72            | 1.64  | 1.10         | 15.25  | 7.31              | 0.91  | 1.39    | 19.60  | 9.85                        | 1.25   | 3.02          | 2.20       |                                 |  |       |  |    |  |
| 15                   | 1.79            | 1.16  | 1.13         | 19.15  | 6.76              | 0.97  | 1.16    | 7.92   | 6.78                        | 4.69   | 3.25          | 2.19       |                                 |  |       |  |    |  |
| 半旬平均                 | 2.48            | 2.36  | 1.10         | 16.45  | 7.61              | 1.05  | 1.66    | 10.62  | 22.76                       | 1.85   | 2.62          | 2.32       |                                 |  |       |  |    |  |
| 16                   | 2.72            | 1.11  | 1.18         | 21.43  | 7.10              | 0.87  | 0.93    | 19.02  | 4.27                        | 5.87   | 3.16          | 1.85       |                                 |  |       |  |    |  |
| 17                   | 3.85            | 1.19  | 1.35         | 24.17  | 9.12              | 1.10  | 1.05    | 12.88  | 3.78                        | 6.38   | 9.44          | 2.03       |                                 |  |       |  |    |  |
| 18                   | 1.50            | 2.97  | 1.31         | 25.30  | 7.80              | 1.48  | 0.79    | 7.19   | 2.47                        | 11.63  | 11.05         | 1.77       |                                 |  |       |  |    |  |
| 19                   | 1.76            | 3.50  | 1.23         | 26.01  | 6.64              | 0.96  | 0.67    | 5.36   | 2.16                        | 6.93   | 8.31          | 1.67       |                                 |  |       |  |    |  |
| 20                   | 3.91            | 1.14  | 1.29         | 27.37  | 6.01              | 0.87  | 0.68    | 15.24  | 1.89                        | 4.94   | 6.44          | 1.77       |                                 |  |       |  |    |  |
| 半旬平均                 | 2.75            | 1.98  | 1.27         | 24.86  | 7.33              | 1.06  | 0.82    | 11.94  | 2.91                        | 7.15   | 7.68          | 1.82       |                                 |  |       |  |    |  |
| 21                   | 4.33            | 1.06  | 1.30         | 28.14  | 5.38              | 0.95  | 0.60    | 12.63  | 1.76                        | 7.93   | 4.46          | 2.13       |                                 |  |       |  |    |  |
| 22                   | 1.55            | 1.07  | 1.23         | 30.18  | 4.24              | 0.98  | 0.51    | 7.08   | 1.72                        | 10.87  | 4.34          | 1.85       |                                 |  |       |  |    |  |
| 23                   | 1.45            | 1.10  | 1.20         | 38.26  | 2.82              | 1.37  | 0.67    | 4.76   | 1.62                        | 12.26  | 3.38          | 1.70       |                                 |  |       |  |    |  |
| 24                   | 1.42            | 1.05  | 1.10         | 40.08  | 2.60              | 1.35  | 0.60    | 2.92   | 1.46                        | 15.24  | 2.88          | *          |                                 |  |       |  |    |  |
| 25                   | *               | 1.03  | 1.12         | 38.37  | 2.38              | 1.28  | 0.51    | 2.36   | 1.66                        | 11.55  | 2.74          | 8.22       |                                 |  |       |  |    |  |
| 半旬平均                 | 2.49            | 1.06  | 1.19         | 35.01  | 3.48              | 1.19  | 0.58    | 5.95   | 1.64                        | 11.57  | 3.56          | 3.48       |                                 |  |       |  |    |  |
| 26                   | *               | 1.05  | 1.11         | 49.57  | 2.12              | 1.18  | 0.73    | 2.09   | 1.64                        | 8.14   | 3.19          | 6.97       |                                 |  |       |  |    |  |
| 27                   | 1.83            | 0.97  | 1.17         | 57.26  | 1.92              | 1.12  | 0.60    | 2.28   | 1.41                        | 5.41   | 4.49          | 6.79       |                                 |  |       |  |    |  |
| 28                   | 1.92            | 1.12  | 1.26         | 35.79  | 1.96              | 0.96  | 0.61    | 1.86   | 1.27                        | 4.03   | 4.12          | 8.85       |                                 |  |       |  |    |  |
| 29                   | 1.26            | 1.05  | 1.76         | 29.98  | 1.90              | 1.00  | 0.53    | 1.66   | 1.16                        | 3.94   | 7.94          | 9.40       |                                 |  |       |  |    |  |
| 30                   | 2.47            | 5.47  | 27.50        | 1.91   | 1.03              | 1.03  | 0.54    | 1.47   | 1.56                        | 3.40   | 6.84          | 2.41       |                                 |  |       |  |    |  |
| 31                   | 1.27            | 12.25 | 1.82         | 1.82   | 0.44              | 0.44  | 1.28    | 2.37   | 2.37                        | 2.37   | 2.37          | 1.77       |                                 |  |       |  |    |  |
| 半旬平均                 | 1.75            | 1.05  | 3.84         | 40.02  | 1.94              | 1.06  | 0.58    | 1.77   | 1.41                        | 4.55   | 5.32          | 6.03       |                                 |  |       |  |    |  |
| 月合計                  | ( 61.68 )       | 47.31 | 51.50        | 624.90 | 336.77            | 34.97 | 27.05   | 167.87 | 196.48                      | 149.78 | 145.90        | ( 121.29 ) |                                 |  |       |  |    |  |
| 月平均                  | ( 2.13 )        | 1.63  | 1.66         | 20.83  | 10.86             | 1.17  | 0.87    | 5.42   | 6.55                        | 4.83   | 4.86          | ( 4.49 )   |                                 |  |       |  |    |  |
| 比流量                  | ( 3.31 )        | 2.53  | 2.58         | 32.34  | 16.86             | 1.82  | 1.35    | 8.42   | 10.17                       | 7.50   | 7.55          | ( 6.97 )   |                                 |  |       |  |    |  |
| 総流出量×10 <sup>3</sup> | ( 5.33 )        | 4.09  | 4.45         | 53.99  | 29.10             | 3.02  | 2.34    | 14.50  | 16.98                       | 12.94  | 12.61         | ( 10.48 )  |                                 |  |       |  |    |  |
| 総流出高(mm)             | ( 83 )          | 64    | 69           | 838    | 452               | 47    | 36      | 225    | 264                         | 201    | 196           | ( 163 )    |                                 |  |       |  |    |  |
| 流域面積                 | 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 |  |
|                      | 64.4            |       | 57.26        |        | ( 4月27日 )         |       | 0.44    |        | ( 7月31日 )                   |        | 169.83        |            |                                 |  | 2637  |  |    |  |
| 観測方法                 | 観測機関            |       | 北海道          |        | 観測開始年             |       | 昭和 57 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 表

| 番 号                  |   | 12 5 24         | 水 系 石狩川 |            | 河 川 利根別川 |      | 観測所 大和橋           |       | 平成 24 ( 2012 ) 年 |         |       |                             |                   |      |        |       |  |                                 |  |       |  |    |  |
|----------------------|---|-----------------|---------|------------|----------|------|-------------------|-------|------------------|---------|-------|-----------------------------|-------------------|------|--------|-------|--|---------------------------------|--|-------|--|----|--|
| 日                    | 時 | 1               | 2       | 3          | 4        | 5    | 6                 | 7     | 8                | 9       | 10    | 11                          | 12                |      |        |       |  |                                 |  |       |  |    |  |
| 1                    |   |                 |         |            | 4.28     | 3.64 | 0.99              | 0.65  | 3.28             | 0.13    | #     | 2.61                        | 0.48              | 1.03 |        |       |  |                                 |  |       |  |    |  |
| 2                    |   |                 |         |            | 2.65     | 2.99 | 0.95              | 0.58  | 0.69             | 0.11    |       | 0.47                        | 4.82              | 0.55 |        |       |  |                                 |  |       |  |    |  |
| 3                    |   |                 |         |            | 2.09     | 2.11 | 0.83              | 0.63  | 0.62             | 0.12    |       | 0.21                        | 1.59              | 0.39 |        |       |  |                                 |  |       |  |    |  |
| 4                    |   |                 |         |            | 5.63     | 2.23 | 0.93              | 0.59  | 0.53             | 0.24    |       | 0.16                        | 0.87              | #    | 9.43   |       |  |                                 |  |       |  |    |  |
| 5                    |   |                 |         |            | 3.28     | 3.30 | 0.89              | 0.72  | 0.73             | 0.26    |       | 0.12                        | 0.31              |      | 6.17   |       |  |                                 |  |       |  |    |  |
| 半旬平均                 |   |                 |         |            | 3.59     | 2.85 | 0.92              | 0.63  | 1.13             | 0.17    |       | 0.73                        | 1.61              |      | 3.51   |       |  |                                 |  |       |  |    |  |
| 6                    |   |                 |         |            | 2.71     | 2.36 | 1.16              | 0.69  | 0.84             | 0.31    |       | 0.58                        | 0.44              |      | 1.69   |       |  |                                 |  |       |  |    |  |
| 7                    |   |                 |         |            | 3.19     | #    | 4.98              | 0.96  | 0.74             | 0.62    | 0.22  | 0.17                        | 3.05              |      | 1.01   |       |  |                                 |  |       |  |    |  |
| 8                    |   |                 |         |            | 3.20     |      | 1.70              | 0.88  | 0.71             | 0.55    | 0.22  | 0.10                        | 1.16              |      | 0.44   |       |  |                                 |  |       |  |    |  |
| 9                    |   |                 |         |            | 4.46     |      | 1.34              | 0.78  | 0.74             | 0.49    | 5.49  | 0.08                        | 0.41              |      | 0.32   |       |  |                                 |  |       |  |    |  |
| 10                   |   |                 |         |            | 6.33     |      | 1.14              | 0.77  | 0.70             | 0.68    | 14.30 | @                           | 0.07              | 0.20 | 0.24   |       |  |                                 |  |       |  |    |  |
| 半旬平均                 |   |                 |         |            | 3.98     |      | 2.30              | 0.91  | 0.72             | 0.63    | 4.11  |                             | 0.20              | 1.05 | 0.74   |       |  |                                 |  |       |  |    |  |
| 11                   |   |                 |         |            | 9.79     |      | 1.08              | 0.78  | 0.64             | 0.86    | 9.91  |                             | 0.79              | @    | 0.13   | 0.18  |  |                                 |  |       |  |    |  |
| 12                   |   |                 |         |            | 10.63    |      | 1.11              | 0.74  | #                | 2.82    | #     | 36.37                       | 0.29              | 0.44 | 0.14   |       |  |                                 |  |       |  |    |  |
| 13                   |   |                 |         |            | 8.29     |      | 1.01              | 0.70  | 1.37             | 5.26    | 3.91  | 0.12                        | 0.16              |      | 0.11   |       |  |                                 |  |       |  |    |  |
| 14                   |   |                 |         |            | 8.47     |      | 0.95              | 0.74  | 0.86             | 2.52    | 1.23  | 1.16                        | 0.98              |      | 0.11   |       |  |                                 |  |       |  |    |  |
| 15                   |   |                 |         |            | 8.60     |      | 1.13              | 0.83  | 0.72             | 1.06    | 0.74  | 1.84                        | 0.27              |      | 0.11   |       |  |                                 |  |       |  |    |  |
| 半旬平均                 |   |                 |         |            | 9.16     |      | 1.06              | 0.76  | 1.28             | 2.06    | 10.43 |                             | 0.84              | 0.40 | 0.13   |       |  |                                 |  |       |  |    |  |
| 16                   |   |                 |         |            | 9.48     |      | 2.06              | 0.79  | 0.74             | 8.50    | 0.40  | 0.28                        | 0.14              |      | 0.13   |       |  |                                 |  |       |  |    |  |
| 17                   |   |                 |         |            | 9.70     |      | 1.31              | 2.09  | 0.68             | 1.72    | 0.30  | 1.76                        | 1.96              |      | 0.15   |       |  |                                 |  |       |  |    |  |
| 18                   |   |                 |         |            | 7.00     |      | 1.10              | 1.08  | 0.56             | 0.99    | 0.26  | 1.56                        | 4.03              |      | 0.16   |       |  |                                 |  |       |  |    |  |
| 19                   |   |                 |         |            | 8.38     |      | 0.99              | 0.87  | @                | 0.47    | 0.82  | 0.26                        | 0.30              | 2.15 | 0.12   |       |  |                                 |  |       |  |    |  |
| 20                   |   |                 |         |            | 8.86     | @    | 0.93              | 1.18  | 0.54             | #       | 10.36 | 0.18                        | 0.34              | 1.48 | 0.12   |       |  |                                 |  |       |  |    |  |
| 半旬平均                 |   |                 |         |            | 8.68     |      | 1.28              | 1.20  | 0.60             | 4.48    | 0.28  | 0.85                        | 1.95              |      | 0.14   |       |  |                                 |  |       |  |    |  |
| 21                   |   |                 |         |            | 8.27     |      | 1.02              | 0.87  | 0.59             | 2.38    | 0.16  | 1.67                        | 1.51              | (    | 0.14)  |       |  |                                 |  |       |  |    |  |
| 22                   |   |                 |         |            | 8.81     |      | 1.03              | 0.81  | 0.60             | 1.07    | 0.13  | 0.73                        | 1.55              | *    |        |       |  |                                 |  |       |  |    |  |
| 23                   |   |                 |         |            | 11.80    |      | 1.00              | 1.07  | 0.70             | 1.07    | 0.10  | 0.90                        | 1.24              | *    |        |       |  |                                 |  |       |  |    |  |
| 24                   |   |                 |         |            | 8.41     |      | 1.03              | 0.80  | 0.64             | 0.65    | @     | 0.09                        | 0.50              | 1.00 | *      |       |  |                                 |  |       |  |    |  |
| 25                   |   |                 |         |            | 8.32     |      | 1.13              | 0.83  | 0.50             | 0.40    | 1.22  | 0.28                        | 1.03              | *    |        |       |  |                                 |  |       |  |    |  |
| 半旬平均                 |   |                 |         |            | 9.12     |      | 1.04              | 0.88  | 0.61             | 1.13    | 0.34  | 0.82                        | 1.27              | (    | 0.14)  |       |  |                                 |  |       |  |    |  |
| 26                   |   |                 |         |            | 10.61    |      | 2.26              | 0.90  | 0.58             | 0.37    | 0.27  | 0.33                        | 2.56              |      | 0.10   |       |  |                                 |  |       |  |    |  |
| 27                   |   |                 |         |            | 12.07    |      | 1.15              | 0.86  | 0.61             | 0.36    | 0.16  | 0.15                        | 3.30              |      | 0.12   |       |  |                                 |  |       |  |    |  |
| 28                   |   |                 |         |            | 5.51     |      | 1.04              | 0.78  | 0.59             | 0.31    | 0.11  | 0.13                        | 1.88              |      | 0.11   |       |  |                                 |  |       |  |    |  |
| 29                   |   |                 |         |            | 3.73     |      | 1.42              | 0.73  | 0.55             | 0.31    | 0.10  | 0.75                        | #                 | 6.84 | @      | 0.09  |  |                                 |  |       |  |    |  |
| 30                   |   |                 |         |            | 3.49     |      | 1.13              | 0.68  | 0.66             | 0.20    | 2.13  | 0.18                        | 1.84              |      | 0.56   |       |  |                                 |  |       |  |    |  |
| 31                   |   |                 |         |            |          |      | 1.09              |       | 0.62             | @       | 0.16  |                             | 0.13              |      | 1.25   |       |  |                                 |  |       |  |    |  |
| 半旬平均                 |   |                 |         |            | 7.08     |      | 1.35              | 0.79  | 0.60             | 0.29    | 0.55  | 0.28                        | 3.28              |      | 0.37   |       |  |                                 |  |       |  |    |  |
| 月合計                  |   |                 |         |            | 208.04   |      | 50.76             | 27.27 | 22.79            | 48.98   | 79.43 | 18.76                       | 47.82             | (    | 24.97) |       |  |                                 |  |       |  |    |  |
| 月平均                  |   |                 |         |            | 6.93     |      | 1.64              | 0.91  | 0.74             | 1.58    | 2.65  | 0.61                        | 1.59              | (    | 0.92)  |       |  |                                 |  |       |  |    |  |
| 比流量                  |   |                 |         |            | 28.40    |      | 6.72              | 3.73  | 3.03             | 6.48    | 10.86 | 2.50                        | 6.52              | (    | 3.77)  |       |  |                                 |  |       |  |    |  |
| 総流出量×10 <sup>3</sup> |   |                 |         |            | 17.97    |      | 4.39              | 2.36  | 1.97             | 4.23    | 6.86  | 1.62                        | 4.13              | (    | 2.16)  |       |  |                                 |  |       |  |    |  |
| 総流出高(mm)             |   |                 |         |            | 736      |      | 180               | 97    | 81               | 173     | 281   | 66                          | 169               | (    | 89)    |       |  |                                 |  |       |  |    |  |
| 流域面積                 |   | 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 |  |
|                      |   | 24.4            |         | 83.85      |          |      | ( 9月12日 6時 0分 )   |       |                  | 0.02    |       |                             | (12月19日18時 0分 )   |      |        | 45.69 |  |                                 |  | 1873  |  |    |  |
| 観測方法                 |   | 流速計             |         | 観測機関       |          | 北海道  |                   | 観測開始年 |                  | 昭和 58 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)               |                   |      |        |       |  |                                 |  |       |  |    |  |

水研様式 流量-8 (改)



## 日 流 量 年 表

番 号 □ 131 24

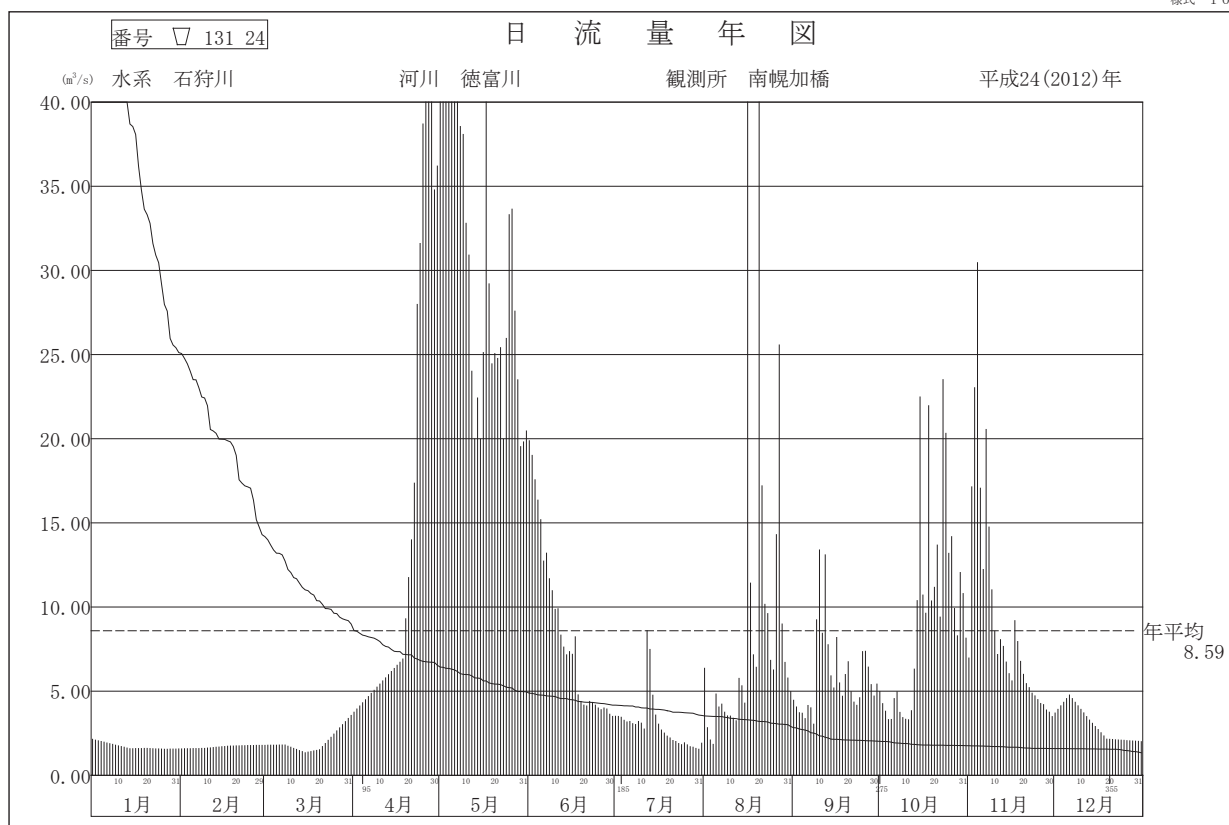
水 系 石狩川

河 川 徳富川

観測所 南幌加橋

平成 24 ( 2012 ) 年

| 日                    | 1               | 2         | 3            | 4       | 5                 | 6       | 7       | 8       | 9                 | 10      | 11                              | 12      |
|----------------------|-----------------|-----------|--------------|---------|-------------------|---------|---------|---------|-------------------|---------|---------------------------------|---------|
| 1                    | # ( 2.14)       | # ( 1.57) | ( 1.78)      | ( 3.75) | 45.20             | # 19.88 | 3.51    | 6.36    | 4.46              | 4.98    | 6.97                            | ( 3.70) |
| 2                    | ( 2.09)         | ( 1.58)   | ( 1.79)      | ( 3.94) | 54.16             | 19.01   | 3.50    | 2.83    | 4.06              | 4.26    | 17.14                           | ( 3.92) |
| 3                    | ( 2.05)         | ( 1.58)   | ( 1.79)      | ( 4.12) | 52.26             | 17.56   | 3.45    | 2.10    | 3.72              | 3.81    | 23.03                           | ( 4.13) |
| 4                    | ( 2.01)         | ( 1.58)   | ( 1.79)      | ( 4.31) | 62.93             | 16.35   | 3.27    | 1.84    | 3.69              | 3.31    | 30.46                           | ( 4.34) |
| 5                    | ( 1.97)         | ( 1.59)   | ( 1.79)      | ( 4.49) | 55.45             | 15.19   | 3.17    | 4.83    | 3.37              | 3.32    | 17.06                           | ( 4.56) |
| 半旬平均                 | ( 1.86)         | ( 1.58)   | ( 1.79)      | ( 4.12) | 53.00             | 17.60   | 3.38    | 3.32    | 3.86              | 3.84    | 18.93                           | ( 4.13) |
| 6                    | ( 1.92)         | ( 1.59)   | ( 1.80)      | ( 4.68) | 45.82             | 12.73   | 3.20    | 4.06    | 4.15              | 4.56    | 12.23                           | #R 4.77 |
| 7                    | ( 1.88)         | ( 1.59)   | ( 1.80)      | ( 4.87) | 41.88             | 13.20   | 3.07    | 4.23    | 4.01              | 4.96    | 20.55                           | ( 4.56) |
| 8                    | ( 1.84)         | ( 1.60)   | R 1.80       | ( 5.05) | 38.55             | 11.68   | 3.02    | 3.75    | # 3.04            | 3.74    | 14.75                           | ( 4.34) |
| 9                    | ( 1.79)         | R 1.60    | ( 1.73)      | ( 5.24) | 38.08             | 10.97   | 3.20    | 3.53    | 9.24              | 3.43    | 11.02                           | ( 4.13) |
| 10                   | ( 1.75)         | ( 1.62)   | ( 1.67)      | ( 5.42) | 32.80             | 9.86    | 3.10    | 3.52    | # 13.39           | 3.33    | 8.56                            | ( 3.92) |
| 半旬平均                 | ( 1.84)         | ( 1.60)   | ( 1.76)      | ( 5.05) | 39.43             | 11.69   | 3.12    | 3.32    | 6.77              | 4.00    | 13.42                           | ( 4.34) |
| 11                   | ( 1.71)         | ( 1.63)   | ( 1.60)      | ( 5.61) | 30.91             | 9.90    | 2.75    | 3.39    | 8.44              | # 3.30  | 7.18                            | ( 3.71) |
| 12                   | ( 1.67)         | ( 1.65)   | ( 1.54)      | ( 5.79) | 24.01             | 8.33    | # 8.60  | 3.24    | 13.10             | 3.84    | 8.06                            | ( 3.49) |
| 13                   | ( 1.62)         | ( 1.67)   | ( 1.47)      | ( 5.98) | 19.98             | 7.62    | 7.48    | 5.76    | 7.76              | 6.31    | 7.66                            | R 3.28  |
| 14                   | R 1.58          | ( 1.68)   | ( 1.41)      | ( 6.17) | 22.42             | 7.16    | 4.76    | 5.32    | 5.91              | 10.38   | 6.73                            | ( 3.09) |
| 15                   | ( 1.58)         | ( 1.70)   | #R 1.34      | ( 6.35) | 19.97             | 7.35    | 3.58    | 4.29    | 5.19              | 22.48   | 6.04                            | ( 2.90) |
| 半旬平均                 | ( 1.63)         | ( 1.67)   | ( 1.47)      | ( 5.98) | 23.46             | 8.07    | 5.43    | 4.40    | 8.08              | 9.26    | 7.13                            | ( 3.29) |
| 16                   | ( 1.59)         | ( 1.71)   | ( 1.38)      | ( 6.54) | 25.12             | 7.19    | 3.04    | # 47.85 | 8.19              | 10.71   | 5.61                            | ( 2.72) |
| 17                   | ( 1.59)         | R 1.73    | ( 1.41)      | ( 6.72) | 44.90             | 8.23    | 2.69    | 11.42   | 5.49              | 9.63    | 9.19                            | ( 2.53) |
| 18                   | ( 1.59)         | ( 1.74)   | ( 1.45)      | 6.91    | 29.20             | 4.78    | 2.51    | 7.16    | 4.70              | 21.96   | 7.95                            | ( 2.34) |
| 19                   | ( 1.60)         | ( 1.74)   | ( 1.48)      | 9.30    | 24.45             | 4.38    | 2.33    | 6.42    | 5.99              | 10.36   | 6.77                            | R 2.15  |
| 20                   | R 1.60          | ( 1.75)   | R 1.52       | 11.75   | 25.06             | 4.17    | 2.22    | 42.85   | 6.75              | 11.17   | 6.00                            | ( 2.14) |
| 半旬平均                 | ( 1.59)         | ( 1.73)   | ( 1.45)      | ( 6.24) | 29.75             | 5.75    | 2.56    | 23.14   | 6.22              | 12.77   | 7.10                            | ( 2.38) |
| 21                   | ( 1.59)         | ( 1.75)   | ( 1.71)      | 13.99   | 24.77             | 4.12    | 2.07    | 17.20   | 4.97              | 13.68   | 5.45                            | ( 2.13) |
| 22                   | ( 1.58)         | ( 1.76)   | ( 1.89)      | 17.36   | 25.41             | 4.39    | 2.01    | 10.16   | 4.35              | 9.40    | 5.21                            | ( 2.11) |
| 23                   | ( 1.57)         | ( 1.76)   | ( 2.08)      | 27.98   | 19.96             | 4.33    | 1.89    | 9.61    | 4.16              | # 23.51 | 4.88                            | ( 2.10) |
| 24                   | ( 1.57)         | R 1.77    | ( 2.26)      | 31.60   | 25.96             | 4.17    | 1.82    | 6.83    | 4.61              | 20.32   | 4.72                            | ( 2.09) |
| 25                   | ( 1.56)         | ( 1.77)   | ( 2.45)      | 38.70   | 33.31             | 4.00    | 1.93    | 6.26    | 7.35              | 13.19   | 4.50                            | ( 2.08) |
| 半旬平均                 | ( 1.57)         | ( 1.76)   | ( 2.08)      | 25.93   | 25.88             | 4.20    | 1.94    | 10.01   | 5.09              | 12.02   | 4.95                            | ( 2.10) |
| 26                   | R 1.55          | ( 1.77)   | ( 2.64)      | 58.47   | 33.64             | 3.90    | 1.81    | 14.30   | 7.37              | 14.18   | 4.27                            | ( 2.06) |
| 27                   | # ( 1.55)       | ( 1.78)   | ( 2.82)      | 72.71   | 27.58             | 4.00    | 1.70    | 25.57   | 6.43              | 9.91    | 4.20                            | ( 2.05) |
| 28                   | ( 1.56)         | ( 1.78)   | ( 3.01)      | 42.70   | 23.50             | 3.94    | 1.67    | 8.99    | 5.39              | 8.29    | 3.88                            | ( 2.04) |
| 29                   | ( 1.56)         | # ( 1.78) | ( 3.19)      | 34.78   | 19.53             | 3.63    | 1.60    | 6.71    | 4.71              | 12.05   | 3.75                            | ( 2.03) |
| 30                   | ( 1.56)         | ( 3.38)   | 36.20        | 19.81   | # 3.50            | # 1.55  | 5.78    | 5.42    | 10.80             | # 3.49  | ( 2.02)                         |         |
| 31                   | ( 1.57)         | # ( 3.56) | 20.46        | # 1.91  | 4.98              | 8.15    | ( 2.00) |         |                   |         |                                 |         |
| 半旬平均                 | ( 1.56)         | ( 1.78)   | ( 3.10)      | 48.97   | 24.09             | 3.79    | 1.71    | 11.06   | 5.86              | 10.56   | 3.92                            | ( 2.03) |
| 月合計                  | 52.79           | 48.82     | 61.33        | 491.48  | 1007.08           | 255.52  | 92.41   | 291.14  | 179.41            | 293.32  | 277.31                          | 93.43   |
| 月平均                  | 1.70            | 1.68      | 1.98         | 16.38   | 32.49             | 8.52    | 2.98    | 9.39    | 5.98              | 9.46    | 9.24                            | 3.01    |
| 比流量                  | 2.07            | 2.05      | 2.41         | 19.95   | 39.57             | 10.38   | 3.63    | 11.44   | 7.28              | 11.52   | 11.25                           | 3.67    |
| 総流出量×10 <sup>3</sup> | 4.56            | 4.22      | 5.30         | 42.46   | 87.01             | 22.08   | 7.98    | 25.15   | 15.50             | 25.34   | 23.96                           | 8.07    |
| 総流出高(mm)             | 56              | 51        | 65           | 517     | 1060              | 269     | 97      | 306     | 189               | 309     | 292                             | 98      |
| 流域面積                 | 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                           |         |
|                      | 82.1            |           | 203.34       |         | ( 8月16日 7時 0分)    |         | R 1.34  |         | ( 3月15日)          |         | 271.63                          |         |
|                      |                 |           |              |         |                   |         |         |         |                   |         | ×10 <sup>3</sup> m <sup>3</sup> |         |
|                      |                 |           |              |         |                   |         |         |         |                   |         | 年総流出高                           |         |
|                      |                 |           |              |         |                   |         |         |         |                   |         | mm                              |         |
| 観測方法                 | 流速計             |           | 観測機関         |         | 北海道               |         | 観測開始年   |         | 昭和 47 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 表

番 号 □ 137 24

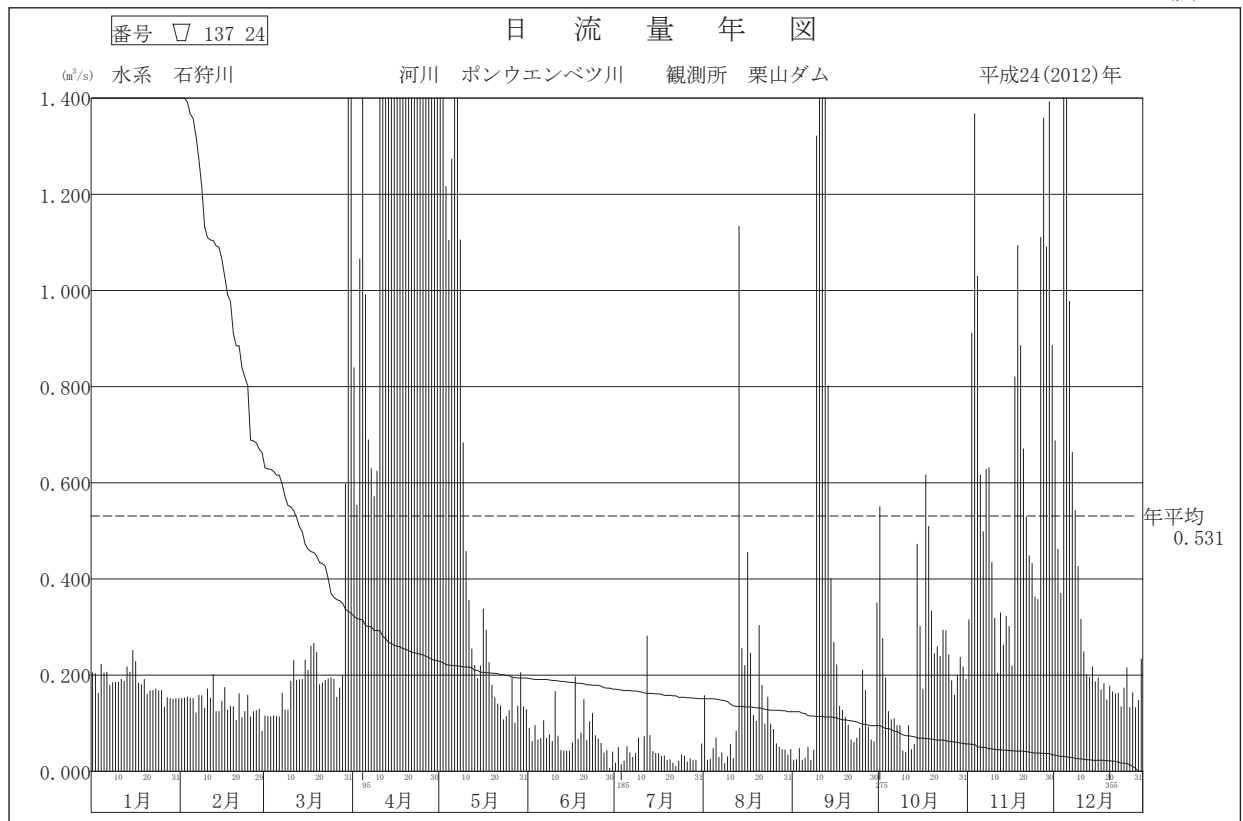
水 系 石狩川

河 川 ポンウエンベツ川

観測所 栗山ダム

平成 24 ( 2012 ) 年

| 日                    | 1               | 2     | 3             | 4      | 5      | 6             | 7     | 8     | 9                            | 10    | 11     | 12     |
|----------------------|-----------------|-------|---------------|--------|--------|---------------|-------|-------|------------------------------|-------|--------|--------|
| 1                    | 0.205           | 0.151 | 0.115         | 0.839  | 1.870  | 0.089         | 0.017 | 0.157 | 0.022                        | 0.550 | 0.315  | 0.687  |
| 2                    | 0.203           | 0.152 | 0.114         | 0.553  | 1.591  | 0.062         | 0.049 | 0.023 | 0.024                        | 0.276 | 0.911  | 0.462  |
| 3                    | 0.162           | 0.154 | 0.113         | 1.065  | 1.216  | 0.095         | 0.014 | 0.025 | 0.047                        | 0.194 | 1.367  | 0.370  |
| 4                    | 0.222           | 0.151 | 0.115         | 1.911  | 1.104  | 0.065         | 0.021 | 0.047 | 0.023                        | 0.124 | 1.029  | 4.408  |
| 5                    | 0.204           | 0.151 | 0.114         | 0.991  | 1.273  | 0.068         | 0.051 | 0.069 | 0.027                        | 0.107 | 0.616  | 1.860  |
| 半旬平均                 | 0.199           | 0.152 | 0.114         | 1.072  | 1.411  | 0.076         | 0.030 | 0.064 | 0.029                        | 0.250 | 0.848  | 1.557  |
| 6                    | 0.206           | 0.121 | 0.113         | 0.689  | 2.113  | 0.105         | 0.038 | 0.029 | 0.050                        | 0.109 | 0.498  | 0.977  |
| 7                    | 0.179           | 0.158 | 0.162         | 0.629  | 2.499  | 0.068         | 0.029 | 0.038 | 0.023                        | 0.095 | 0.628  | 0.663  |
| 8                    | 0.184           | 0.157 | 0.127         | 0.571  | 1.105  | 0.076         | 0.037 | 0.016 | 0.044                        | 0.095 | 0.631  | 0.542  |
| 9                    | 0.185           | 0.131 | 0.127         | 0.624  | 0.683  | 0.062         | 0.069 | 0.030 | 1.321                        | 0.042 | 0.434  | 0.426  |
| 10                   | 0.185           | 0.171 | 0.187         | 1.424  | 0.457  | 0.166         | 0.000 | 0.056 | 3.080                        | 0.039 | 0.318  | 0.316  |
| 半旬平均                 | 0.188           | 0.148 | 0.143         | 0.787  | 1.371  | 0.095         | 0.035 | 0.034 | 0.904                        | 0.076 | 0.592  | 0.585  |
| 11                   | 0.191           | 0.152 | 0.230         | 3.354  | 0.355  | 0.073         | 0.072 | 0.026 | 5.230                        | 0.095 | 0.204  | 0.248  |
| 12                   | 0.187           | 0.201 | 0.189         | 3.579  | 0.254  | 0.043         | 0.281 | 0.083 | 2.613                        | 0.045 | 0.329  | 0.201  |
| 13                   | 0.217           | 0.124 | 0.190         | 2.526  | 0.220  | 0.042         | 0.074 | 1.133 | 0.802                        | 0.056 | 0.262  | 0.195  |
| 14                   | 0.206           | 0.124 | 0.191         | 3.485  | 0.193  | 0.042         | 0.041 | 0.255 | 0.401                        | 0.472 | 0.322  | 0.217  |
| 15                   | 0.251           | 0.145 | 0.231         | 3.149  | 0.219  | 0.042         | 0.037 | 0.220 | 0.268                        | 0.301 | 0.301  | 0.186  |
| 半旬平均                 | 0.210           | 0.149 | 0.206         | 3.219  | 0.248  | 0.048         | 0.101 | 0.343 | 1.863                        | 0.194 | 0.284  | 0.209  |
| 16                   | 0.228           | 0.174 | 0.210         | 3.708  | 0.337  | 0.059         | 0.037 | 0.455 | 0.221                        | 0.170 | 0.219  | 0.194  |
| 17                   | 0.183           | 0.127 | 0.260         | 4.537  | 0.293  | 0.196         | 0.031 | 0.245 | 0.135                        | 0.616 | 0.820  | 0.169  |
| 18                   | 0.180           | 0.135 | 0.266         | 3.675  | 0.226  | 0.066         | 0.032 | 0.116 | 0.127                        | 0.509 | 1.093  | 0.182  |
| 19                   | 0.191           | 0.134 | 0.247         | 4.137  | 0.179  | 0.079         | 0.023 | 0.104 | 0.112                        | 0.333 | 0.885  | 0.148  |
| 20                   | 0.160           | 0.106 | 0.180         | 4.218  | 0.153  | 0.149         | 0.024 | 0.303 | 0.096                        | 0.244 | 0.670  | 0.177  |
| 半旬平均                 | 0.188           | 0.135 | 0.233         | 4.055  | 0.238  | 0.110         | 0.029 | 0.245 | 0.138                        | 0.374 | 0.737  | 0.174  |
| 21                   | 0.167           | 0.161 | 0.183         | 4.029  | 0.140  | 0.064         | 0.017 | 0.179 | 0.065                        | 0.259 | 0.528  | 0.165  |
| 22                   | 0.168           | 0.111 | 0.189         | 4.638  | 0.136  | 0.103         | 0.010 | 0.098 | 0.060                        | 0.239 | 0.448  | 0.161  |
| 23                   | 0.171           | 0.124 | 0.192         | 6.466  | 0.107  | 0.120         | 0.021 | 0.154 | 0.069                        | 0.293 | 0.432  | 0.162  |
| 24                   | 0.167           | 0.158 | 0.194         | 5.091  | 0.114  | 0.074         | 0.034 | 0.098 | 0.089                        | 0.292 | 0.362  | 0.134  |
| 25                   | 0.168           | 0.113 | 0.191         | 5.592  | 0.126  | 0.067         | 0.031 | 0.087 | 0.210                        | 0.242 | 0.357  | 0.173  |
| 半旬平均                 | 0.168           | 0.133 | 0.190         | 5.163  | 0.125  | 0.086         | 0.023 | 0.123 | 0.099                        | 0.255 | 0.425  | 0.159  |
| 26                   | 0.133           | 0.124 | 0.154         | 8.563  | 0.194  | 0.058         | 0.019 | 0.057 | 0.168                        | 0.188 | 1.110  | 0.215  |
| 27                   | 0.153           | 0.126 | 0.173         | 5.329  | 0.100  | 0.038         | 0.026 | 0.050 | 0.092                        | 0.158 | 1.358  | 0.132  |
| 28                   | 0.151           | 0.129 | 0.199         | 2.839  | 0.135  | 0.043         | 0.022 | 0.045 | 0.065                        | 0.199 | 1.090  | 0.163  |
| 29                   | 0.150           | 0.083 | 0.597         | 2.030  | 0.205  | 0.006         | 0.023 | 0.044 | 0.061                        | 0.237 | 1.392  | 0.132  |
| 30                   | 0.151           | 2.254 | 2.056         | 0.134  | 0.134  | 0.040         | 0.000 | 0.034 | 0.350                        | 0.217 | 0.885  | 0.147  |
| 31                   | 0.151           | 1.628 | 0.128         | 0.128  | 0.128  | 0.057         | 0.057 | 0.045 | 0.191                        | 0.191 | 0.233  | 0.233  |
| 半旬平均                 | 0.148           | 0.116 | 0.834         | 4.163  | 0.149  | 0.037         | 0.025 | 0.046 | 0.147                        | 0.138 | 1.167  | 0.170  |
| 月合計                  | 5.659           | 4.048 | 9.435         | 92.297 | 17.859 | 2.260         | 1.237 | 4.321 | 15.895                       | 6.987 | 19.814 | 14.445 |
| 月平均                  | 0.183           | 0.130 | 0.304         | 3.077  | 0.576  | 0.075         | 0.040 | 0.139 | 0.530                        | 0.235 | 0.660  | 0.466  |
| 比流量                  | 1.204           | 0.921 | 2.000         | 20.243 | 3.789  | 0.493         | 0.263 | 0.914 | 3.487                        | 1.480 | 4.342  | 3.066  |
| 総流出量×10 <sup>3</sup> | 0.489           | 0.350 | 0.815         | 7.974  | 1.543  | 0.195         | 0.107 | 0.373 | 1.373                        | 0.604 | 1.712  | 1.248  |
| 総流出高(mm)             | 32              | 23    | 54            | 525    | 102    | 13            | 7     | 25    | 90                           | 40    | 113    | 82     |
| 流域面積                 | 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  |        |
|                      | 15.2            |       | 8.563 (4月26日) |        |        | 0.000 (7月30日) |       |       | 16.783                       |       | 1104   |        |
| 観測方法                 | 観測機関            |       |               |        |        | 観測開始年         |       |       | # 日流量の月最大値を示す。# 日流量の月最小値を示す。 |       |        |        |
|                      | 北海道             |       |               |        |        | 平成 2 年        |       |       | 水研様式 流量-8 (改)                |       |        |        |



## 日 流 量 年 表

番 号 □ 138 24

水 系 石狩川

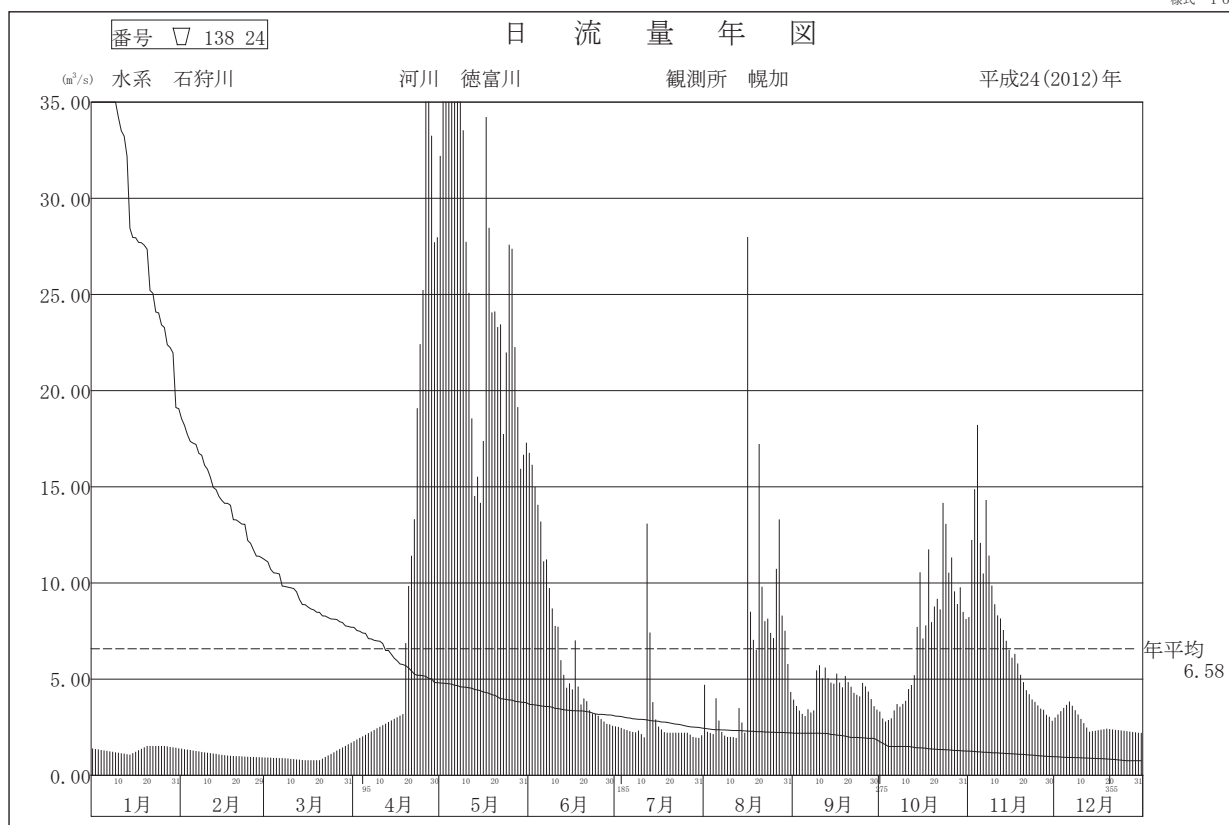
河 川 徳富川

観測所 幌加

平成 24 ( 2012 ) 年

| 日                    | 1               | 2          | 3                      | 4          | 5                | 6       | 7                           | 8       | 9                               | 10      | 11         | 12       |
|----------------------|-----------------|------------|------------------------|------------|------------------|---------|-----------------------------|---------|---------------------------------|---------|------------|----------|
| 1                    | ( 1.37 )        | # ( 1.36 ) | ( 0.90 )               | # ( 1.75 ) | 32.18            | # 16.74 | 2.52                        | 4.68    | 3.91                            | 3.29    | 8.20       | ( 2.98 ) |
| 2                    | ( 1.34 )        | ( 1.33 )   | ( 0.90 )               | ( 1.84 )   | 39.99            | 16.12   | 2.49                        | 2.24    | 3.58                            | 2.93    | 12.21      | ( 3.14 ) |
| 3                    | ( 1.32 )        | ( 1.31 )   | ( 0.89 )               | ( 1.92 )   | 42.00            | 14.97   | 2.44                        | 2.18    | 3.34                            | 2.77    | 14.85      | ( 3.31 ) |
| 4                    | ( 1.29 )        | ( 1.29 )   | ( 0.88 )               | ( 2.00 )   | # 49.06          | 14.04   | 2.37                        | 2.12    | 3.17                            | 2.85    | # 18.19    | ( 3.48 ) |
| 5                    | ( 1.27 )        | ( 1.26 )   | ( 0.88 )               | ( 2.08 )   | 46.72            | 13.17   | 2.33                        | 3.98    | # 3.06                          | 2.94    | 12.06      | ( 3.64 ) |
| 半旬平均                 | ( 1.22 )        | ( 1.31 )   | ( 0.89 )               | ( 1.92 )   | 41.49            | 15.01   | 2.43                        | 3.04    | 3.41                            | 2.96    | 13.10      | ( 3.31 ) |
| 6                    | ( 1.25 )        | ( 1.24 )   | ( 0.87 )               | ( 2.17 )   | 39.55            | 11.10   | 2.27                        | 2.82    | 3.41                            | 3.35    | 10.47      | #R 3.81  |
| 7                    | ( 1.22 )        | ( 1.22 )   | ( 0.87 )               | ( 2.25 )   | 37.56            | 11.20   | 2.23                        | 2.23    | 3.24                            | 3.68    | 14.29      | ( 3.59 ) |
| 8                    | ( 1.20 )        | ( 1.19 )   | R 0.86                 | ( 2.33 )   | 35.13            | 9.71    | 2.21                        | 2.04    | 3.35                            | 3.54    | 11.40      | ( 3.36 ) |
| 9                    | ( 1.17 )        | R 1.17     | ( 0.85 )               | ( 2.42 )   | 33.51            | 8.65    | 2.30                        | 1.97    | 5.43                            | 3.69    | 9.84       | ( 3.14 ) |
| 10                   | ( 1.15 )        | ( 1.15 )   | ( 0.83 )               | ( 2.50 )   | 27.71            | 7.74    | 2.12                        | 1.97    | # 5.70                          | 3.85    | 8.87       | ( 2.91 ) |
| 半旬平均                 | ( 1.20 )        | ( 1.19 )   | ( 0.86 )               | ( 2.33 )   | 34.69            | 9.88    | 2.23                        | 2.21    | 4.23                            | 3.82    | 10.97      | ( 3.36 ) |
| 11                   | ( 1.12 )        | ( 1.13 )   | ( 0.82 )               | ( 2.58 )   | 25.06            | 7.70    | 1.95                        | 1.96    | 5.02                            | 4.46    | 8.29       | ( 2.69 ) |
| 12                   | ( 1.10 )        | ( 1.11 )   | ( 0.80 )               | ( 2.66 )   | 18.53            | 5.96    | # 13.06                     | # 1.92  | 5.58                            | 4.67    | 8.13       | ( 2.46 ) |
| 13                   | ( 1.07 )        | ( 1.09 )   | ( 0.79 )               | ( 2.75 )   | 14.50            | 5.20    | 7.40                        | 3.47    | 5.03                            | 5.18    | 7.53       | R 2.24   |
| 14                   | #R 1.05         | ( 1.06 )   | ( 0.77 )               | ( 2.83 )   | 15.50            | 4.53    | 3.78                        | 2.72    | 4.79                            | 7.69    | 6.97       | ( 2.27 ) |
| 15                   | ( 1.13 )        | ( 1.04 )   | R 0.76                 | ( 2.91 )   | # 14.14          | 4.76    | 2.88                        | 2.19    | 4.74                            | 10.53   | 6.49       | ( 2.29 ) |
| 半旬平均                 | ( 1.09 )        | ( 1.09 )   | ( 0.79 )               | ( 2.75 )   | 17.55            | 5.63    | 5.81                        | 2.45    | 5.03                            | 6.51    | 7.48       | ( 2.39 ) |
| 16                   | ( 1.20 )        | ( 1.02 )   | ( 0.76 )               | ( 2.99 )   | 17.36            | 4.44    | 2.51                        | # 27.96 | 5.26                            | 7.09    | 6.09       | ( 2.32 ) |
| 17                   | ( 1.28 )        | R 1.00     | ( 0.76 )               | ( 3.08 )   | 34.20            | 6.99    | 2.36                        | 8.48    | 4.80                            | 7.77    | 6.29       | ( 2.35 ) |
| 18                   | ( 1.35 )        | ( 0.99 )   | ( 0.76 )               | 3.16       | 28.44            | 4.59    | 2.22                        | 7.02    | 4.55                            | 11.72   | 5.79       | ( 2.37 ) |
| 19                   | ( 1.43 )        | ( 0.98 )   | ( 0.76 )               | 6.85       | 24.04            | 3.66    | 2.19                        | 6.49    | 5.14                            | 7.94    | 5.20       | R 2.40   |
| 20                   | R 1.50          | ( 0.97 )   | #R 0.76                | 9.82       | 24.09            | 3.97    | 2.19                        | 17.20   | 4.82                            | 8.75    | 4.82       | ( 2.38 ) |
| 半旬平均                 | ( 1.35 )        | ( 0.99 )   | ( 0.76 )               | ( 3.18 )   | 25.63            | 4.73    | 2.29                        | 13.43   | 4.91                            | 8.65    | 5.64       | ( 2.36 ) |
| 21                   | ( 1.50 )        | ( 0.97 )   | ( 0.84 )               | 11.39      | 23.28            | 3.83    | 2.19                        | 9.78    | 4.58                            | 9.15    | 4.40       | ( 2.36 ) |
| 22                   | ( 1.50 )        | ( 0.96 )   | ( 0.93 )               | 13.29      | 23.42            | 3.36    | 2.19                        | 7.99    | 4.26                            | 8.60    | 4.19       | ( 2.34 ) |
| 23                   | ( 1.50 )        | ( 0.95 )   | ( 1.01 )               | 19.06      | 17.72            | 3.19    | 2.19                        | 8.12    | 4.16                            | # 14.14 | 3.92       | ( 2.33 ) |
| 24                   | ( 1.50 )        | R 0.94     | ( 1.09 )               | 22.39      | 21.96            | 3.17    | 2.19                        | 7.38    | 4.08                            | 13.05   | 3.79       | ( 2.31 ) |
| 25                   | ( 1.50 )        | ( 0.93 )   | ( 1.17 )               | 25.21      | 27.56            | 3.07    | 2.19                        | 7.11    | 4.78                            | 10.51   | 3.61       | ( 2.29 ) |
| 半旬平均                 | ( 1.50 )        | ( 0.95 )   | ( 1.01 )               | 18.27      | 23.79            | 3.32    | 2.19                        | 8.06    | 4.37                            | 11.69   | 3.98       | ( 2.33 ) |
| 26                   | #R 1.50         | ( 0.93 )   | ( 1.26 )               | 38.14      | 27.35            | 2.90    | 2.19                        | 10.71   | 4.60                            | 11.30   | 3.44       | ( 2.27 ) |
| 27                   | ( 1.48 )        | ( 0.92 )   | ( 1.34 )               | 54.53      | 22.24            | 2.77    | 2.09                        | 13.28   | 4.33                            | 9.54    | 3.38       | ( 2.25 ) |
| 28                   | ( 1.45 )        | ( 0.92 )   | ( 1.42 )               | 33.23      | 19.12            | 2.65    | 1.97                        | 8.28    | 3.94                            | 8.88    | 3.12       | ( 2.23 ) |
| 29                   | ( 1.43 )        | # ( 0.91 ) | ( 1.50 )               | 27.69      | 15.91            | 2.62    | 1.94                        | 7.49    | 3.57                            | 9.75    | 3.02       | ( 2.21 ) |
| 30                   | ( 1.41 )        | ( 1.59 )   | ( 1.59 )               | 27.95      | 16.64            | # 2.55  | # 1.92                      | 5.76    | 3.39                            | 8.47    | # 2.81     | ( 2.19 ) |
| 31                   | ( 1.38 )        | # ( 1.67 ) | ( 1.67 )               | 17.27      | 17.27            | 2.06    | 2.06                        | 4.31    | 8.10                            | 8.10    | # ( 2.18 ) |          |
| 半旬平均                 | ( 1.44 )        | ( 0.92 )   | ( 1.46 )               | 36.31      | 19.76            | 2.70    | 2.03                        | 8.31    | 3.97                            | 9.34    | 3.15       | ( 2.22 ) |
| 月合計                  | 40.96           | 31.34      | 30.29                  | 333.77     | 831.74           | 205.35  | 86.94                       | 195.85  | 129.61                          | 220.18  | 221.66     | 82.09    |
| 月平均                  | 1.32            | 1.03       | 0.98                   | 11.13      | 26.83            | 6.83    | 2.80                        | 6.32    | 4.32                            | 7.10    | 7.39       | 2.65     |
| 比流量                  | 1.99            | 1.63       | 1.48                   | 16.79      | 40.47            | 10.33   | 4.22                        | 9.53    | 6.52                            | 10.71   | 11.15      | 4.00     |
| 総流出量×10 <sup>3</sup> | 3.54            | 2.71       | 2.62                   | 28.84      | 71.86            | 17.74   | 7.51                        | 16.92   | 11.20                           | 19.02   | 19.15      | 7.09     |
| 総流出高(mm)             | 53              | 41         | 40                     | 435        | 1084             | 268     | 113                         | 255     | 169                             | 287     | 289        | 107      |
| 流域面積                 | 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                           |         |            |          |
|                      | 66.3            |            | 154.74 ( 8月16日 6時 0分 ) |            | R 0.76 ( 3月20日 ) |         | 208.20                      |         | ×10 <sup>3</sup> m <sup>3</sup> |         | 3140       |          |
| 観測方法                 | 流速計             |            | 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。 |         |                                 |         |            |          |
|                      | 北海道             |            | 北海道                    |            | 平成 2 年           |         |                             |         |                                 |         |            |          |

水研様式 流量-8 (改)



## 日 流 量 年 表

番 号 □ 139 24

水 系 石狩川

河 川 美唄川

観測所 第二ダム

平成 24 ( 2012 ) 年

|                               | 1               | 2 | 3              | 4 | 5       | 6        | 7                 | 8     | 9                           | 10    | 11                | 12        |               |  |                                 |  |       |  |      |  |
|-------------------------------|-----------------|---|----------------|---|---------|----------|-------------------|-------|-----------------------------|-------|-------------------|-----------|---------------|--|---------------------------------|--|-------|--|------|--|
| 1                             | 1.45            | * | *              | * | *       | *        | 0.14              | 1.49  | 0.23                        | 1.33  | 0.60              | 1.04      |               |  |                                 |  |       |  |      |  |
| 2                             | 1.46            | * | *              | * | *       | *        | 0.14              | 0.34  | 0.22                        | 0.50  | 1.90              | 1.04      |               |  |                                 |  |       |  |      |  |
| 3                             | *               | * | *              | * | *       | *        | 0.14              | 0.22  | 0.22                        | 0.46  | 2.57              | 1.04      |               |  |                                 |  |       |  |      |  |
| 4                             | *               | * | *              | * | *       | *        | 0.14              | 0.17  | 0.30                        | 0.43  | 1.84              | 1.88      |               |  |                                 |  |       |  |      |  |
| 5                             | *               | * | *              | * | *       | *        | 0.24              | 0.20  | 0.24                        | 0.31  | 1.34              | 2.33      |               |  |                                 |  |       |  |      |  |
| 半年平均 ( 1.46 )                 | *               | * | *              | * | *       | *        | 0.16              | 0.48  | 0.24                        | 0.61  | 1.65              | 1.47      |               |  |                                 |  |       |  |      |  |
| 6                             | *               | * | *              | * | *       | *        | 0.20              | 0.24  | 0.22                        | 0.47  | 1.06              | 1.76      |               |  |                                 |  |       |  |      |  |
| 7                             | *               | * | *              | * | *       | *        | 0.14              | 0.19  | 0.23                        | 0.42  | 1.41              | 1.66      |               |  |                                 |  |       |  |      |  |
| 8                             | *               | * | *              | * | *       | *        | 0.14              | 0.14  | 0.18                        | 0.31  | 1.18              | 1.66      |               |  |                                 |  |       |  |      |  |
| 9                             | *               | * | *              | * | *       | *        | 0.19              | 0.14  | 1.06                        | 0.31  | 0.94              | 1.66      |               |  |                                 |  |       |  |      |  |
| 10                            | *               | * | *              | * | *       | *        | 0.16              | 0.23  | 11.18                       | 0.31  | 0.72              | 1.66      |               |  |                                 |  |       |  |      |  |
| 半年平均                          | *               | * | *              | * | *       | *        | 0.17              | 0.19  | 2.57                        | 0.36  | 1.06              | 1.68      |               |  |                                 |  |       |  |      |  |
| 11                            | *               | * | *              | * | *       | *        | 0.14              | 0.89  | 9.70                        | 0.33  | 0.60              | 1.62      |               |  |                                 |  |       |  |      |  |
| 12                            | *               | * | *              | * | *       | 0.22     | 0.54              | 0.29  | 15.91                       | 0.32  | 0.63              | 1.59      |               |  |                                 |  |       |  |      |  |
| 13                            | *               | * | *              | * | *       | 0.20     | 0.69              | 5.96  | 3.16                        | 0.31  | 0.58              | 1.60      |               |  |                                 |  |       |  |      |  |
| 14                            | *               | * | *              | * | *       | 0.14     | 0.31              | 3.91  | 1.72                        | 0.50  | 0.93              | 1.66      |               |  |                                 |  |       |  |      |  |
| 15                            | *               | * | *              | * | *       | 0.14     | 0.23              | 1.41  | 1.05                        | 1.48  | 0.88              | 1.55      |               |  |                                 |  |       |  |      |  |
| 半年平均                          | *               | * | *              | * | *       | ( 0.18 ) | 0.38              | 2.49  | 6.31                        | 0.59  | 0.72              | 1.60      |               |  |                                 |  |       |  |      |  |
| 16                            | *               | * | *              | * | *       | 0.14     | 0.22              | 4.80  | 0.74                        | 1.85  | 0.69              | 1.45      |               |  |                                 |  |       |  |      |  |
| 17                            | *               | * | *              | * | *       | 0.32     | 0.16              | 2.28  | 0.56                        | 1.84  | 2.51              | 1.53      |               |  |                                 |  |       |  |      |  |
| 18                            | *               | * | *              | * | *       | 0.24     | 0.14              | 1.24  | 0.45                        | 2.81  | 2.56              | 1.66      |               |  |                                 |  |       |  |      |  |
| 19                            | *               | * | *              | * | *       | 0.22     | 0.14              | 0.71  | 0.41                        | 1.62  | 1.69              | 1.66      |               |  |                                 |  |       |  |      |  |
| 20                            | *               | * | *              | * | *       | 0.22     | 0.14              | 3.48  | 0.31                        | 1.47  | 1.28              | 1.66      |               |  |                                 |  |       |  |      |  |
| 半年平均                          | *               | * | *              | * | *       | 0.23     | 0.16              | 2.50  | 0.49                        | 1.92  | 1.75              | 1.59      |               |  |                                 |  |       |  |      |  |
| 21                            | *               | * | *              | * | *       | 0.22     | 0.14              | 2.19  | 0.31                        | 2.08  | 0.96              | 1.66      |               |  |                                 |  |       |  |      |  |
| 22                            | *               | * | *              | * | *       | 0.25     | 0.15              | 1.11  | 0.27                        | 2.09  | 0.86              | 1.66      |               |  |                                 |  |       |  |      |  |
| 23                            | *               | * | *              | * | *       | 0.35     | 0.12              | 0.66  | 0.27                        | 3.04  | 0.79              | 1.66      |               |  |                                 |  |       |  |      |  |
| 24                            | *               | * | *              | * | *       | 0.31     | 0.10              | 0.50  | 0.31                        | 3.95  | 0.69              | 1.65      |               |  |                                 |  |       |  |      |  |
| 25                            | *               | * | *              | * | *       | 0.24     | 0.13              | 0.36  | 0.39                        | 2.65  | 0.69              | *         |               |  |                                 |  |       |  |      |  |
| 半年平均                          | *               | * | *              | * | *       | 0.27     | 0.13              | 0.96  | 0.31                        | 2.76  | 0.80              | ( 1.66 )  |               |  |                                 |  |       |  |      |  |
| 26                            | *               | * | *              | * | *       | 0.22     | 0.13              | 0.31  | 0.31                        | 1.72  | 0.69              | *         |               |  |                                 |  |       |  |      |  |
| 27                            | *               | * | *              | * | *       | 0.19     | 0.12              | 0.46  | 0.27                        | 1.18  | 0.69              | *         |               |  |                                 |  |       |  |      |  |
| 28                            | *               | * | *              | * | *       | 0.14     | 0.12              | 0.27  | 0.22                        | 0.90  | 0.69              | *         |               |  |                                 |  |       |  |      |  |
| 29                            | *               | * | *              | * | *       | 0.14     | 0.10              | 0.22  | 0.22                        | 1.01  | 1.17              | *         |               |  |                                 |  |       |  |      |  |
| 30                            | *               | * | *              | * | *       | 0.14     | 0.08              | 0.22  | 0.43                        | 0.91  | 1.25              | *         |               |  |                                 |  |       |  |      |  |
| 31                            | *               | * | *              | * | *       | 0.11     | 0.22              | 0.22  | 0.73                        | 0.73  | 0.73              | *         |               |  |                                 |  |       |  |      |  |
| 半年平均                          | *               | * | *              | * | *       | 0.17     | 0.11              | 0.28  | 0.29                        | 1.08  | 0.90              | *         |               |  |                                 |  |       |  |      |  |
| 月合計 ( 2.91 )                  | *               | * | *              | * | *       | ( 4.04 ) | 5.64              | 34.85 | 51.09                       | 37.64 | 34.39             | ( 38.34 ) |               |  |                                 |  |       |  |      |  |
| 月平均 ( 1.46 )                  | *               | * | *              | * | *       | ( 0.21 ) | 0.18              | 1.12  | 1.70                        | 1.21  | 1.15              | ( 1.60 )  |               |  |                                 |  |       |  |      |  |
| 比流量 ( 8.54 )                  | *               | * | *              | * | *       | ( 1.23 ) | 1.05              | 6.55  | 9.94                        | 7.08  | 6.73              | ( 9.36 )  |               |  |                                 |  |       |  |      |  |
| 総流出量×10 <sup>3</sup> ( 0.25 ) | *               | * | *              | * | *       | ( 0.35 ) | 0.49              | 3.01  | 4.41                        | 3.25  | 2.97              | ( 3.31 )  |               |  |                                 |  |       |  |      |  |
| 総流出量 (mm ( 15 )               | *               | * | *              | * | *       | ( 20 )   | 29                | 176   | 258                         | 190   | 174               | ( 194 )   |               |  |                                 |  |       |  |      |  |
| 流域面積                          | 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   |  |
|                               | 17.1            |   | 15.91          |   |         |          | ( 9月12日 )         |       |                             |       | 0.08              |           | ( 7月30日 )     |  |                                 |  | 18.04 |  | 1055 |  |
| 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             |   |                |   | 昭和 47 年 |          |                   |       |                             |       |                   |           |               |  |                                 |  |       |  |      |  |

水研様式 流量-8 (改)

