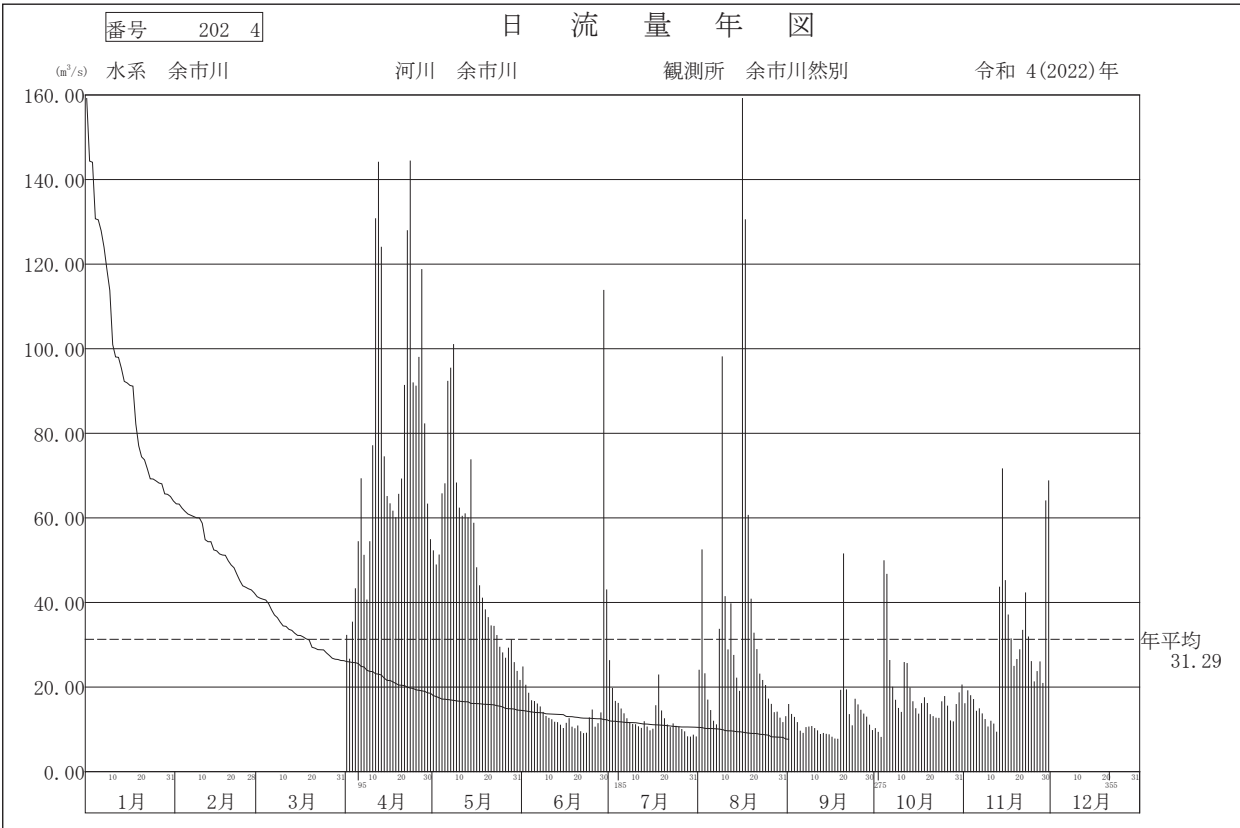


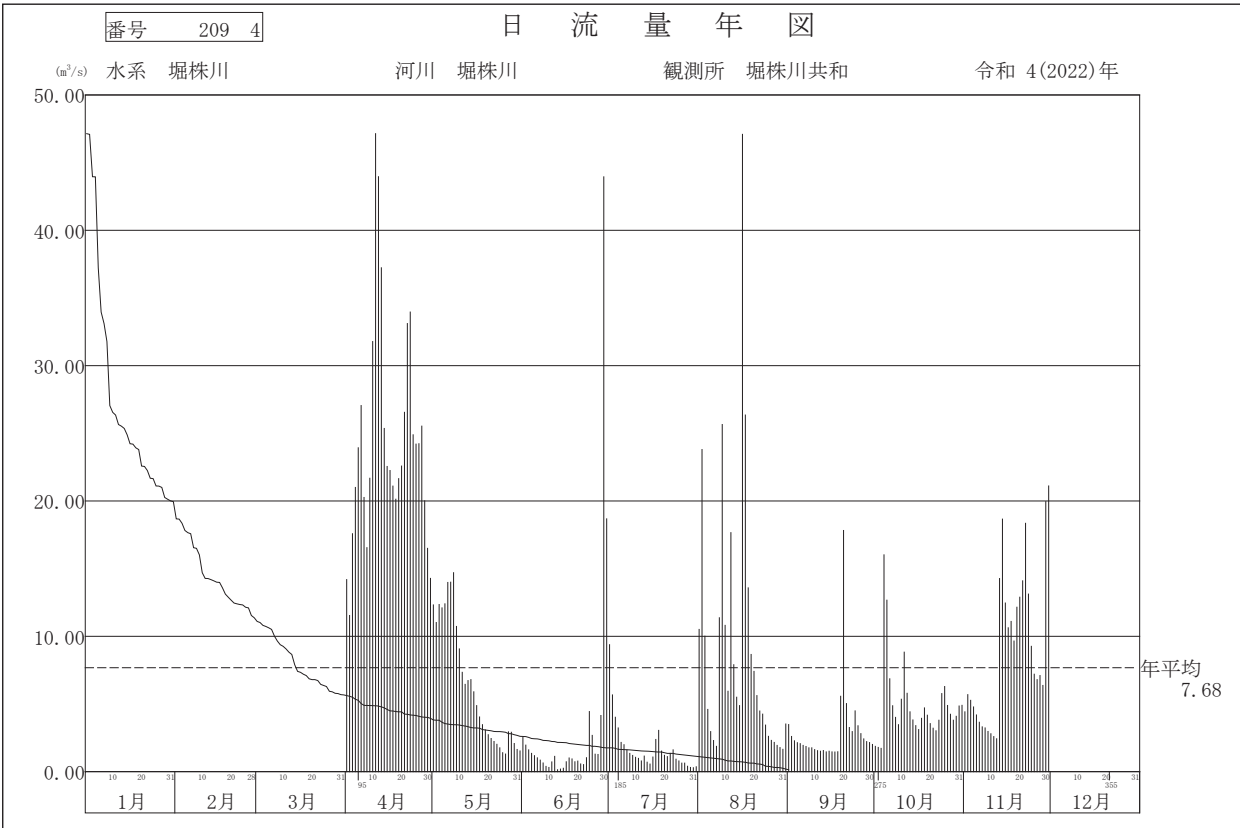
日 流 量 年 表

| 番 号      |    |  | 202 4           |   | 水 系 余市川      |         | 河 川 余市川 |                   | 観測所 余市川然別 |         | 令和 4 ( 2022 ) 年 |                   |                 |       |         |                                 |  |                             |  |    |  |  |  |
|----------|----|--|-----------------|---|--------------|---------|---------|-------------------|-----------|---------|-----------------|-------------------|-----------------|-------|---------|---------------------------------|--|-----------------------------|--|----|--|--|--|
| 年        | 日  |  | 1               | 2 | 3            | 4       | 5       | 6                 | 7         | 8       | 9               | 10                | 11              | 12    |         |                                 |  |                             |  |    |  |  |  |
|          | 1  |  |                 |   |              | 32.22   | 52.21   | 24.75             | 26.25     | 23.98   | 15.88           | 10.18             | 16.06           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 2  |  |                 |   |              | 26.59   | 48.87   | 20.43             | 19.68     | 52.43   | 13.53           | 9.29              | 19.11           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 3  |  |                 |   |              | 35.35   | 51.22   | 18.54             | 16.61     | 23.14   | 12.83           | 8.10              | 17.96           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 4  |  |                 |   |              | 43.24   | 65.69   | 16.77             | 16.14     | 16.92   | 11.60           | 49.86             | 17.05           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 5  |  |                 |   |              | 54.37   | 68.06   | 16.58             | 14.81     | 14.45   | 9.57            | 46.65             | 14.28           |       |         |                                 |  |                             |  |    |  |  |  |
| 半旬平均     |    |  |                 |   |              | 38.35   | 57.21   | 19.41             | 18.70     | 26.18   | 12.68           | 21.82             | 16.89           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 6  |  |                 |   |              | 69.25   | 92.29   | 16.00             | 13.68     | 11.92   | 9.05            | 26.28             | 14.86           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 7  |  |                 |   |              | 51.15   | 95.40   | 15.30             | 12.51     | 11.07   | 10.42           | 19.96             | 13.66           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 8  |  |                 |   |              | 40.58   | 100.98  | 14.01             | 11.62     | 33.65   | 10.55           | 16.88             | 12.32           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 9  |  |                 |   |              | 54.37   | 68.25   | 13.06             | 11.17     | 98.07   | 10.67           | 14.95             | 10.56           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 10 |  |                 |   |              | 77.06   | 62.31   | 12.61             | 11.10     | 41.38   | 10.19           | 14.01             | 11.92           |       |         |                                 |  |                             |  |    |  |  |  |
| 半旬平均     |    |  |                 |   |              | 58.48   | 83.85   | 14.20             | 12.02     | 39.22   | 10.18           | 18.42             | 12.66           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 11 |  |                 |   |              | 130.73  | 60.38   | 12.28             | 10.61     | 28.79   | 9.65            | 25.80             | 11.25           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 12 |  |                 |   |              | 144.09  | 60.95   | 11.68             | 10.23     | 39.68   | 8.79            | 25.56             | 9.33            |       |         |                                 |  |                             |  |    |  |  |  |
|          | 13 |  |                 |   |              | 123.99  | 60.01   | 11.59             | 11.81     | 27.48   | 9.03            | 19.78             | 43.62           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 14 |  |                 |   |              | 74.44   | 73.73   | 10.98             | 10.56     | 22.11   | 8.83            | 16.53             | 71.59           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 15 |  |                 |   |              | 65.05   | 58.73   | 10.20             | 9.65      | 18.99   | 8.71            | 14.88             | 45.17           |       |         |                                 |  |                             |  |    |  |  |  |
| 半旬平均     |    |  |                 |   |              | 107.66  | 62.76   | 11.35             | 10.57     | 27.41   | 9.00            | 20.51             | 36.19           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 16 |  |                 |   |              | 63.33   | 48.21   | 11.43             | 10.04     | 159.16  | 8.14            | 13.60             | 37.04           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 17 |  |                 |   |              | 61.59   | 43.95   | 12.53             | 15.59     | 130.48  | 7.72            | 16.09             | 31.40           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 18 |  |                 |   |              | 60.03   | 41.02   | 10.52             | 22.85     | 60.59   | 7.66            | 17.47             | 24.89           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 19 |  |                 |   |              | 65.57   | 38.25   | 10.14             | 14.35     | 40.78   | 19.23           | 16.12             | 26.52           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 20 |  |                 |   |              | 69.19   | 36.42   | 10.80             | 12.51     | 32.74   | 51.48           | 13.48             | 28.82           |       |         |                                 |  |                             |  |    |  |  |  |
| 半旬平均     |    |  |                 |   |              | 63.94   | 41.57   | 11.08             | 15.07     | 84.75   | 18.85           | 15.35             | 29.73           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 21 |  |                 |   |              | 91.32   | 34.46   | 9.44              | 11.04     | 28.86   | 19.34           | 13.01             | 33.41           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 22 |  |                 |   |              | 127.90  | 34.35   | 9.00              | 10.42     | 23.06   | 13.49           | 12.64             | 42.26           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 23 |  |                 |   |              | 144.37  | 32.19   | 9.09              | 11.29     | 21.56   | 10.84           | 12.60             | 31.84           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 24 |  |                 |   |              | 91.92   | 29.41   | 12.71             | 10.72     | 20.36   | 17.12           | 16.52             | 26.02           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 25 |  |                 |   |              | 91.15   | 28.08   | 14.57             | 10.56     | 17.16   | 15.79           | 17.76             | 21.23           |       |         |                                 |  |                             |  |    |  |  |  |
| 半旬平均     |    |  |                 |   |              | 109.33  | 31.70   | 10.96             | 10.81     | 22.20   | 15.32           | 14.51             | 30.95           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 26 |  |                 |   |              | 97.95   | 26.82   | 10.52             | 9.97      | 15.91   | 14.51           | 15.49             | 23.66           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 27 |  |                 |   |              | 118.71  | 29.20   | 11.35             | 9.42      | 13.95   | 13.61           | 12.00             | 25.95           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 28 |  |                 |   |              | 82.23   | 31.15   | 13.89             | 8.24      | 14.07   | 12.89           | 11.77             | 20.86           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 29 |  |                 |   |              | 63.26   | 25.78   | 113.79            | 8.17      | 12.65   | 10.99           | 15.87             | 64.01           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 30 |  |                 |   |              | 54.85   | 23.70   | 42.97             | 8.63      | 11.60   | 9.72            | 18.63             | 68.75           |       |         |                                 |  |                             |  |    |  |  |  |
|          | 31 |  |                 |   |              |         | 21.57   |                   | 8.21      | 13.00   |                 | 20.48             |                 |       |         |                                 |  |                             |  |    |  |  |  |
| 半旬平均     |    |  |                 |   |              | 83.40   | 26.37   | 38.50             | 8.77      | 13.53   | 12.34           | 15.71             | 40.65           |       |         |                                 |  |                             |  |    |  |  |  |
| 月合計      |    |  |                 |   |              | 2305.85 | 1543.64 | 527.53            | 388.44    | 1079.99 | 391.83          | 562.24            | 835.40          |       |         |                                 |  |                             |  |    |  |  |  |
| 月平均      |    |  |                 |   |              | 76.86   | 49.79   | 17.58             | 12.53     | 34.84   | 13.06           | 18.14             | 27.85           |       |         |                                 |  |                             |  |    |  |  |  |
| 比流量      |    |  |                 |   |              | 19.32   | 12.52   | 4.42              | 3.15      | 8.76    | 3.28            | 4.56              | 7.00            |       |         |                                 |  |                             |  |    |  |  |  |
| 総流出量×10  |    |  |                 |   |              | 199.23  | 133.37  | 45.58             | 33.56     | 93.31   | 33.85           | 48.58             | 72.18           |       |         |                                 |  |                             |  |    |  |  |  |
| 総流出高(mm) |    |  |                 |   |              | 501     | 335     | 115               | 84        | 235     | 85              | 122               | 181             |       |         |                                 |  |                             |  |    |  |  |  |
| 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>6</sup> m <sup>3</sup> |  | 年総流出高                       |  | mm |  |  |  |
|          |    |  | 397.8           |   | 216.63       |         |         | ( 6月29日 9時 0分)    |           |         | 5.85            |                   | ( 9月13日 12時 0分) |       |         | 659.66                          |  | 1658                        |  |    |  |  |  |
| 観測方法     |    |  | 流速計             |   |              | 観測機関    |         |                   | 北海道       |         |                 | 観測開始年             |                 |       | 昭和 45 年 |                                 |  | # 日流量の月最大値を示す。θ 日流量の月最小を示す。 |  |    |  |  |  |
|          |    |  |                 |   |              |         |         |                   |           |         |                 |                   |                 |       |         |                                 |  | 水研様式 流量-8 (改)               |  |    |  |  |  |



日 流 量 年 表

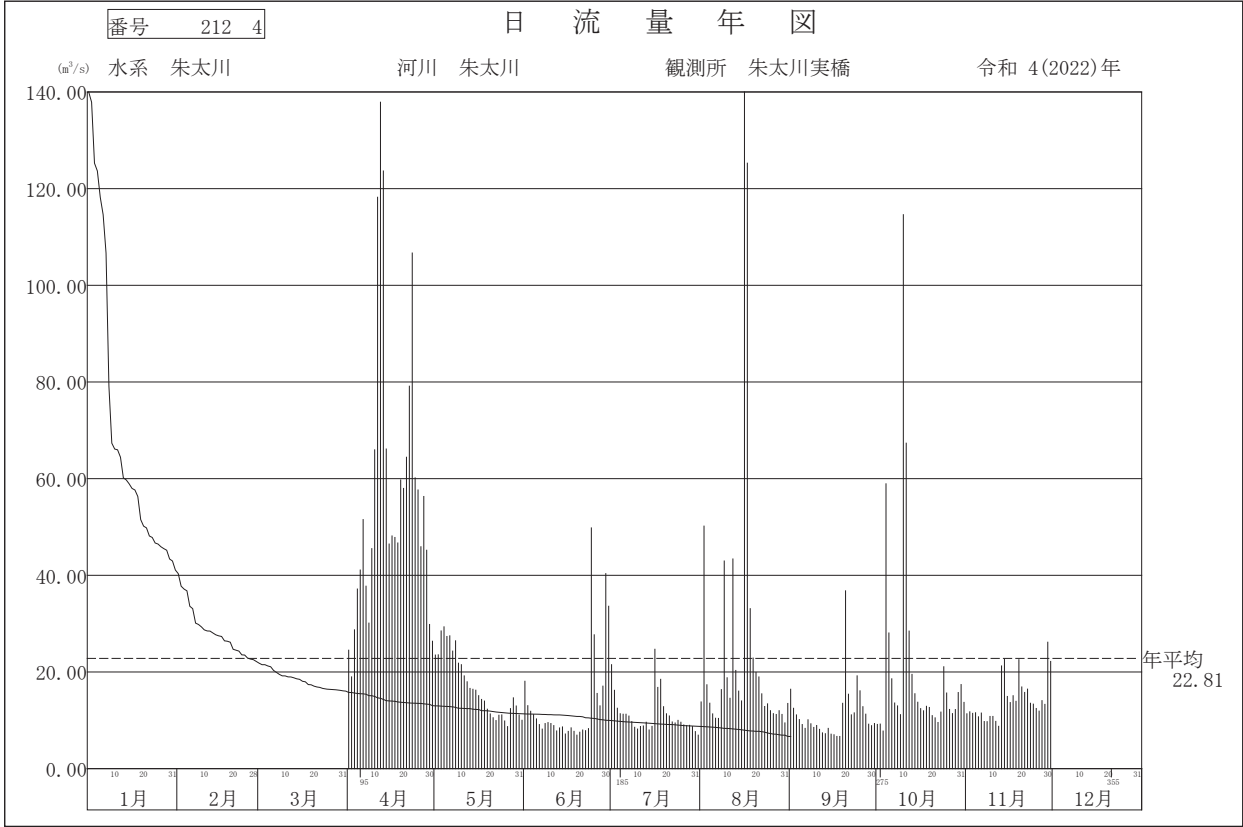
| 番 号           | 209             | 4 | 水 系 堀株川      | 河 川 堀株川 | 観測所 堀株川共和         | 令和 4 ( 2022 ) 年 |         |        |                             |        |        |                                 |       |      |
|---------------|-----------------|---|--------------|---------|-------------------|-----------------|---------|--------|-----------------------------|--------|--------|---------------------------------|-------|------|
| $\frac{n}{n}$ | 1               | 2 | 3            | 4       | 5                 | 6               | 7       | 8      | 9                           | 10     | 11     | 12                              |       |      |
| 1             |                 |   |              | 14.19   | 12.32             | 2.53            | 9.38    | 10.51  | 3.48                        | 1.87   | 4.42   |                                 |       |      |
| 2             |                 |   |              | 11.54   | 11.02             | 1.96            | 5.67    | 23.80  | 2.60                        | 1.79   | 5.69   |                                 |       |      |
| 3             |                 |   |              | 17.58   | 12.35             | 1.61            | 4.02    | 10.01  | 2.28                        | 1.72   | 5.27   |                                 |       |      |
| 4             |                 |   |              | 21.00   | 12.10             | 1.35            | 3.23    | 4.60   | 2.14                        | 16.02  | 4.78   |                                 |       |      |
| 5             |                 |   |              | 23.93   | 12.40             | 1.18            | 2.16    | 2.96   | 2.07                        | 12.67  | 4.19   |                                 |       |      |
| 半旬平均          |                 |   |              | 17.65   | 12.04             | 1.73            | 4.89    | 10.38  | 2.51                        | 6.81   | 4.87   |                                 |       |      |
| 6             |                 |   |              | 27.05   | 13.98             | 1.02            | 1.99    | 2.30   | 1.94                        | 6.86   | 3.65   |                                 |       |      |
| 7             |                 |   |              | 20.26   | 14.00             | 0.85            | 1.60    | 1.87   | 1.86                        | 4.87   | 3.31   |                                 |       |      |
| 8             |                 |   |              | 16.55   | 14.70             | 0.64            | 1.35    | 11.37  | 1.76                        | 4.01   | 3.23   |                                 |       |      |
| 9             |                 |   |              | 21.68   | 10.73             | 0.39            | 1.20    | 25.65  | 1.76                        | 3.47   | 2.97   |                                 |       |      |
| 10            |                 |   |              | 31.78   | 9.07              | 0.31            | 1.06    | 10.81  | 1.63                        | 5.35   | 2.80   |                                 |       |      |
| 半旬平均          |                 |   |              | 23.46   | 12.50             | 0.64            | 1.44    | 10.40  | 1.79                        | 4.91   | 3.19   |                                 |       |      |
| 11            |                 |   |              | 47.14   | 7.34              | 0.72            | 0.98    | 5.94   | 1.55                        | 8.83   | 2.59   |                                 |       |      |
| 12            |                 |   |              | 43.96   | 6.45              | 1.13            | 0.79    | 17.66  | 1.51                        | 5.79   | 2.43   |                                 |       |      |
| 13            |                 |   |              | 37.23   | 6.73              | 0.14            | 1.15    | 7.90   | 1.56                        | 4.42   | 14.27  |                                 |       |      |
| 14            |                 |   |              | 25.36   | 6.80              | 0.19            | 0.70    | 5.50   | 1.46                        | 3.82   | 18.66  |                                 |       |      |
| 15            |                 |   |              | 22.55   | 5.90              | 0.25            | 0.56    | 4.88   | 1.51                        | 3.40   | 12.46  |                                 |       |      |
| 半旬平均          |                 |   |              | 35.25   | 6.64              | 0.49            | 0.84    | 8.38   | 1.52                        | 5.25   | 10.08  |                                 |       |      |
| 16            |                 |   |              | 22.25   | 4.88              | 0.73            | 1.08    | 47.09  | 1.46                        | 3.11   | 10.63  |                                 |       |      |
| 17            |                 |   |              | 21.10   | 4.04              | 1.01            | 2.38    | 26.35  | 1.45                        | 3.94   | 11.10  |                                 |       |      |
| 18            |                 |   |              | 20.13   | 3.47              | 0.94            | 3.05    | 13.58  | 1.47                        | 4.71   | 9.65   |                                 |       |      |
| 19            |                 |   |              | 21.65   | 3.08              | 0.73            | 1.52    | 8.66   | 5.57                        | 4.17   | 12.15  |                                 |       |      |
| 20            |                 |   |              | 22.58   | 2.73              | 0.78            | 1.21    | 7.41   | 17.82                       | 3.55   | 12.89  |                                 |       |      |
| 半旬平均          |                 |   |              | 21.54   | 3.64              | 0.84            | 1.85    | 20.62  | 5.55                        | 3.90   | 11.28  |                                 |       |      |
| 21            |                 |   |              | 26.55   | 2.45              | 0.57            | 1.11    | 5.62   | 5.03                        | 3.21   | 14.10  |                                 |       |      |
| 22            |                 |   |              | 33.11   | 2.23              | 0.52            | 1.35    | 4.48   | 3.26                        | 3.02   | 18.35  |                                 |       |      |
| 23            |                 |   |              | 33.96   | 2.02              | 1.03            | 1.61    | 4.25   | 2.96                        | 3.80   | 13.12  |                                 |       |      |
| 24            |                 |   |              | 24.89   | 1.76              | 4.44            | 0.92    | 3.44   | 4.49                        | 5.77   | 9.26   |                                 |       |      |
| 25            |                 |   |              | 24.20   | 1.40              | 2.68            | 0.79    | 2.61   | 3.39                        | 6.29   | 7.20   |                                 |       |      |
| 半旬平均          |                 |   |              | 28.54   | 1.97              | 1.85            | 1.16    | 4.08   | 3.83                        | 4.42   | 12.41  |                                 |       |      |
| 26            |                 |   |              | 24.23   | 1.30              | 1.29            | 0.63    | 2.31   | 2.81                        | 4.89   | 6.80   |                                 |       |      |
| 27            |                 |   |              | 25.53   | 2.94              | 1.27            | 0.63    | 2.16   | 2.42                        | 4.24   | 7.10   |                                 |       |      |
| 28            |                 |   |              | 20.01   | 2.91              | 4.15            | 0.40    | 1.94   | 2.22                        | 3.80   | 6.37   |                                 |       |      |
| 29            |                 |   |              | 16.50   | 2.08              | 43.95           | 0.31    | 1.78   | 2.15                        | 4.09   | 19.95  |                                 |       |      |
| 30            |                 |   |              | 14.28   | 1.64              | 18.68           | 0.29    | 1.65   | 2.01                        | 4.85   | 21.11  |                                 |       |      |
| 31            |                 |   |              |         | 1.53              |                 | 0.36    | 3.52   |                             | 4.90   |        |                                 |       |      |
| 半旬平均          |                 |   |              | 20.11   | 2.07              | 13.87           | 0.44    | 2.23   | 2.32                        | 4.46   | 12.27  |                                 |       |      |
| 月合計           |                 |   |              | 732.77  | 196.35            | 97.04           | 53.48   | 282.61 | 87.62                       | 153.23 | 270.50 |                                 |       |      |
| 月平均           |                 |   |              | 24.43   | 6.33              | 3.23            | 1.73    | 9.12   | 2.92                        | 4.94   | 9.02   |                                 |       |      |
| 比流量           |                 |   |              | 17.98   | 4.66              | 2.38            | 1.27    | 6.71   | 2.15                        | 3.64   | 6.64   |                                 |       |      |
| 総流出量×10       |                 |   |              | 63.31   | 16.96             | 8.38            | 4.62    | 24.42  | 7.57                        | 13.24  | 23.37  |                                 |       |      |
| 総流出高(mm)      |                 |   |              | 466     | 125               | 62              | 34      | 180    | 56                          | 97     | 172    |                                 |       |      |
| 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>6</sup> m <sup>3</sup> | 年総流出高 | mm   |
|               | 135.9           |   | 91.45        |         | ( 6月29日 7時50分)    |                 | 0.14    |        | ( 6月14日 23時10分)             |        | 161.87 |                                 |       | 1191 |
| 観測方法          | 流速計             |   | 観測機関         | 北海道     |                   | 観測開始年           | 昭和 46 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                  | 212             | 4 | 水 系 朱太川               |        | 河 川 朱太川             |        | 観測所 朱太川実橋                   |        | 令和 4 ( 2022 ) 年 |        |    |  |
|----------------------|-----------------|---|-----------------------|--------|---------------------|--------|-----------------------------|--------|-----------------|--------|----|--|
| 1                    | 2               | 3 | 4                     | 5      | 6                   | 7      | 8                           | 9      | 10              | 11     | 12 |  |
| 1                    |                 |   | 24.51                 | 23.50  | 18.08               | 21.51  | 13.80                       | 16.43  | 9.15            | 11.35  |    |  |
| 2                    |                 |   | 18.99                 | 23.55  | 13.03               | 16.21  | 50.18                       | 12.49  | 9.22            | 11.76  |    |  |
| 3                    |                 |   | 28.72                 | 28.49  | 11.87               | 12.50  | 17.35                       | 11.12  | 7.78            | 11.44  |    |  |
| 4                    |                 |   | 37.16                 | 29.34  | 11.17               | 11.36  | 13.54                       | 10.15  | 58.93           | 11.56  |    |  |
| 5                    |                 |   | 41.09                 | 27.35  | 10.29               | 11.26  | 11.33                       | 9.13   | 28.07           | 10.73  |    |  |
| 半旬平均                 |                 |   | 30.09                 | 26.43  | 12.89               | 14.57  | 21.24                       | 11.86  | 22.63           | 13.37  |    |  |
| 6                    |                 |   | 51.53                 | 27.48  | 9.12                | 11.26  | 10.43                       | 8.33   | 18.59           | 11.50  |    |  |
| 7                    |                 |   | 37.75                 | 24.32  | 8.18                | 10.88  | 10.39                       | 10.11  | 13.58           | 9.75   |    |  |
| 8                    |                 |   | 30.11                 | 26.45  | 9.33                | 9.73   | 16.35                       | 9.28   | 12.98           | 9.72   |    |  |
| 9                    |                 |   | 45.52                 | 21.82  | 9.53                | 8.56   | 42.96                       | 8.53   | 11.17           | 10.80  |    |  |
| 10                   |                 |   | 65.96                 | 21.51  | 9.34                | 8.19   | 18.80                       | 8.93   | 114.61          | 10.80  |    |  |
| 半旬平均                 |                 |   | 46.17                 | 24.32  | 9.10                | 9.72   | 19.79                       | 9.04   | 34.19           | 10.51  |    |  |
| 11                   |                 |   | 118.22                | 19.19  | 8.91                | 8.72   | 14.56                       | 8.13   | 67.34           | 9.78   |    |  |
| 12                   |                 |   | 137.88                | 17.97  | 7.80                | 8.83   | 43.38                       | 7.40   | 28.46           | 8.76   |    |  |
| 13                   |                 |   | 123.65                | 16.60  | 8.42                | 9.60   | 20.32                       | 7.23   | 19.50           | 21.25  |    |  |
| 14                   |                 |   | 66.13                 | 16.42  | 8.63                | 8.00   | 16.04                       | 8.33   | 15.50           | 22.67  |    |  |
| 15                   |                 |   | 46.47                 | 16.23  | 7.17                | 8.75   | 14.01                       | 7.13   | 13.74           | 14.94  |    |  |
| 半旬平均                 |                 |   | 98.47                 | 17.28  | 8.19                | 8.78   | 21.66                       | 7.64   | 28.91           | 15.48  |    |  |
| 16                   |                 |   | 48.14                 | 15.10  | 7.71                | 24.70  | 508.40                      | 7.01   | 12.42           | 13.67  |    |  |
| 17                   |                 |   | 47.83                 | 14.32  | 8.44                | 16.81  | 125.27                      | 6.67   | 11.97           | 15.09  |    |  |
| 18                   |                 |   | 46.69                 | 13.98  | 7.72                | 18.48  | 33.10                       | 6.66   | 12.90           | 13.93  |    |  |
| 19                   |                 |   | 59.73                 | 12.30  | 6.93                | 12.82  | 22.88                       | 13.52  | 12.66           | 22.55  |    |  |
| 20                   |                 |   | 57.98                 | 11.32  | 7.54                | 11.35  | 19.91                       | 36.79  | 10.97           | 16.90  |    |  |
| 半旬平均                 |                 |   | 52.07                 | 13.40  | 7.67                | 16.83  | 44.91                       | 14.13  | 12.18           | 16.43  |    |  |
| 21                   |                 |   | 64.43                 | 10.53  | 7.99                | 10.90  | 18.97                       | 15.40  | 10.51           | 15.77  |    |  |
| 22                   |                 |   | 79.13                 | 9.95   | 7.86                | 9.66   | 15.48                       | 11.13  | 9.55            | 16.45  |    |  |
| 23                   |                 |   | 106.68                | 11.05  | 8.28                | 9.45   | 12.86                       | 11.54  | 11.70           | 13.53  |    |  |
| 24                   |                 |   | 60.16                 | 11.12  | 49.81               | 9.99   | 13.41                       | 19.20  | 21.08           | 13.35  |    |  |
| 25                   |                 |   | 57.65                 | 9.86   | 27.69               | 9.60   | 11.99                       | 16.10  | 15.65           | 12.45  |    |  |
| 半旬平均                 |                 |   | 73.61                 | 10.50  | 20.33               | 9.92   | 14.54                       | 14.67  | 13.70           | 14.31  |    |  |
| 26                   |                 |   | 45.91                 | 8.70   | 15.56               | 9.04   | 11.38                       | 12.82  | 12.25           | 11.90  |    |  |
| 27                   |                 |   | 56.31                 | 12.42  | 12.99               | 8.92   | 11.21                       | 11.27  | 11.39           | 14.07  |    |  |
| 28                   |                 |   | 45.19                 | 14.65  | 17.07               | 8.96   | 11.99                       | 9.20   | 12.23           | 13.30  |    |  |
| 29                   |                 |   | 29.83                 | 12.96  | 40.35               | 8.70   | 11.22                       | 8.89   | 15.75           | 26.16  |    |  |
| 30                   |                 |   | 26.36                 | 11.09  | 33.60               | 7.67   | 9.46                        | 9.34   | 17.40           | 22.18  |    |  |
| 31                   |                 |   |                       | 10.01  |                     | 6.93   | 13.49                       |        | 13.71           |        |    |  |
| 半旬平均                 |                 |   | 40.72                 | 11.64  | 23.91               | 8.37   | 11.46                       | 10.30  | 13.79           | 17.52  |    |  |
| 月合計                  |                 |   | 1705.71               | 529.58 | 410.41              | 349.34 | 1164.46                     | 338.26 | 640.76          | 428.11 |    |  |
| 月平均                  |                 |   | 56.86                 | 17.08  | 13.68               | 11.27  | 37.56                       | 11.28  | 20.67           | 14.27  |    |  |
| 比流量                  |                 |   | 15.72                 | 4.72   | 3.78                | 3.12   | 10.38                       | 3.12   | 5.71            | 3.95   |    |  |
| 総流出量×10 <sup>4</sup> |                 |   | 147.37                | 45.76  | 35.46               | 30.18  | 100.61                      | 29.23  | 55.36           | 36.99  |    |  |
| 総流出高(mm)             |                 |   | 407                   | 127    | 98                  | 83     | 278                         | 81     | 153             | 102    |    |  |
| 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           |        |    |  |
|                      | 361.7           |   | 941.00 ( 8月16日17時 0分) |        | 6.25 ( 9月18日 6時 0分) |        | 480.96                      |        | 1330            |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
| 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                   |        | 昭和 54 年             |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |
|                      |                 |   |                       |        |                     |        |                             |        |                 |        |    |  |

水研様式 流量-8 (改)



日 流 量 年 表

| 番 号           | 215             | 4 | 水 系 余市川      |         | 河 川 余市川           |        | 観測所 余市川都 |        |                   | 令和 4 ( 2022 ) 年 |                             |    |                                 |  |       |  |    |  |
|---------------|-----------------|---|--------------|---------|-------------------|--------|----------|--------|-------------------|-----------------|-----------------------------|----|---------------------------------|--|-------|--|----|--|
| $\frac{n}{n}$ | 1               | 2 | 3            | 4       | 5                 | 6      | 7        | 8      | 9                 | 10              | 11                          | 12 |                                 |  |       |  |    |  |
| 1             |                 |   |              | 10.56   | 33.21             | 15.15  | 10.42    | 5.57   | 6.48              | 1.34            | 3.79                        |    |                                 |  |       |  |    |  |
| 2             |                 |   |              | 9.25    | 29.07             | 12.11  | 7.94     | 9.76   | 4.26              | 1.30            | 5.21                        |    |                                 |  |       |  |    |  |
| 3             |                 |   |              | 11.13   | 32.33             | 11.56  | 5.50     | 3.62   | 2.93              | 0.68            | 5.05                        |    |                                 |  |       |  |    |  |
| 4             |                 |   |              | 13.17   | 49.79             | 10.41  | 4.70     | 2.76   | 2.21              | 31.88           | 5.25                        |    |                                 |  |       |  |    |  |
| 5             |                 |   |              | 17.75   | 55.56             | 9.30   | 5.13     | 1.75   | 1.46              | 27.77           | 4.65                        |    |                                 |  |       |  |    |  |
| 半旬平均          |                 |   |              | 12.37   | 39.99             | 11.71  | 6.74     | 4.69   | 3.47              | 12.59           | 4.79                        |    |                                 |  |       |  |    |  |
| 6             |                 |   |              | 23.23   | 81.15             | 7.51   | 4.70     | 1.46   | 1.00              | 14.33           | 4.69                        |    |                                 |  |       |  |    |  |
| 7             |                 |   |              | 20.32   | 77.78             | 6.80   | 3.80     | 1.29   | 1.75              | 8.79            | 3.74                        |    |                                 |  |       |  |    |  |
| 8             |                 |   |              | 16.82   | 85.56             | 7.64   | 2.49     | 11.98  | 1.50              | 6.87            | 2.75                        |    |                                 |  |       |  |    |  |
| 9             |                 |   |              | 22.41   | 63.94             | 6.81   | 2.06     | 51.67  | 1.16              | 4.89            | 2.83                        |    |                                 |  |       |  |    |  |
| 10            |                 |   |              | 36.11   | 60.44             | 6.33   | 2.06     | 24.12  | 1.34              | 4.96            | 2.77                        |    |                                 |  |       |  |    |  |
| 半旬平均          |                 |   |              | 23.78   | 73.77             | 7.02   | 3.02     | 18.10  | 1.35              | 7.97            | 3.36                        |    |                                 |  |       |  |    |  |
| 11            |                 |   |              | 71.34   | 53.56             | 5.29   | 2.86     | 16.28  | 0.90              | 12.59           | 2.66                        |    |                                 |  |       |  |    |  |
| 12            |                 |   |              | 81.66   | 54.76             | 4.35   | 2.41     | 25.61  | 0.59              | 12.80           | 1.58                        |    |                                 |  |       |  |    |  |
| 13            |                 |   |              | 76.34   | 55.13             | 5.07   | 2.89     | 15.62  | 0.59              | 7.97            | 22.03                       |    |                                 |  |       |  |    |  |
| 14            |                 |   |              | 47.59   | 66.35             | 4.53   | 1.66     | 11.24  | 1.07              | 5.74            | 36.90                       |    |                                 |  |       |  |    |  |
| 15            |                 |   |              | 33.21   | 55.43             | 3.23   | 1.60     | 8.63   | 0.51              | 4.71            | 26.17                       |    |                                 |  |       |  |    |  |
| 半旬平均          |                 |   |              | 62.03   | 57.05             | 4.49   | 2.28     | 15.48  | 0.73              | 8.76            | 17.87                       |    |                                 |  |       |  |    |  |
| 16            |                 |   |              | 33.60   | 42.46             | 4.01   | 2.40     | 64.57  | 0.62              | 3.69            | 25.75                       |    |                                 |  |       |  |    |  |
| 17            |                 |   |              | 36.04   | 35.36             | 4.81   | 7.44     | 64.19  | 0.39              | 5.77            | 21.97                       |    |                                 |  |       |  |    |  |
| 18            |                 |   |              | 32.13   | 33.26             | 3.61   | 7.93     | 33.40  | 0.46              | 6.91            | 17.28                       |    |                                 |  |       |  |    |  |
| 19            |                 |   |              | 41.15   | 26.35             | 2.58   | 3.49     | 22.16  | 7.45              | 6.65            | 22.39                       |    |                                 |  |       |  |    |  |
| 20            |                 |   |              | 45.43   | 24.19             | 3.25   | 3.06     | 17.97  | 19.86             | 5.03            | 21.53                       |    |                                 |  |       |  |    |  |
| 半旬平均          |                 |   |              | 37.67   | 32.32             | 3.65   | 4.86     | 40.46  | 5.76              | 5.61            | 21.78                       |    |                                 |  |       |  |    |  |
| 21            |                 |   |              | 62.10   | 22.67             | 3.35   | 2.76     | 16.34  | 4.25              | 4.04            | 24.11                       |    |                                 |  |       |  |    |  |
| 22            |                 |   |              | 87.76   | 22.82             | 3.02   | 2.23     | 12.42  | 2.45              | 2.62            | 30.65                       |    |                                 |  |       |  |    |  |
| 23            |                 |   |              | 104.55  | 23.28             | 2.55   | 2.40     | 10.72  | 1.64              | 3.32            | 22.65                       |    |                                 |  |       |  |    |  |
| 24            |                 |   |              | 68.97   | 21.51             | 4.25   | 2.66     | 10.82  | 7.06              | 4.62            | 15.81                       |    |                                 |  |       |  |    |  |
| 25            |                 |   |              | 70.80   | 18.71             | 4.37   | 2.39     | 7.22   | 5.56              | 5.37            | 13.42                       |    |                                 |  |       |  |    |  |
| 半旬平均          |                 |   |              | 78.84   | 21.80             | 3.51   | 2.49     | 11.50  | 4.19              | 3.99            | 21.35                       |    |                                 |  |       |  |    |  |
| 26            |                 |   |              | 77.57   | 17.66             | 3.14   | 1.98     | 6.03   | 4.82              | 3.81            | 14.51                       |    |                                 |  |       |  |    |  |
| 27            |                 |   |              | 90.70   | 20.34             | 3.09   | 1.77     | 5.18   | 4.08              | 2.46            | 16.76                       |    |                                 |  |       |  |    |  |
| 28            |                 |   |              | 68.86   | 18.02             | 4.83   | 1.66     | 6.06   | 2.44              | 2.31            | 13.51                       |    |                                 |  |       |  |    |  |
| 29            |                 |   |              | 50.09   | 18.81             | 41.31  | 1.32     | 5.35   | 1.78              | 3.95            | 35.70                       |    |                                 |  |       |  |    |  |
| 30            |                 |   |              | 40.11   | 15.69             | 17.15  | 0.79     | 3.77   | 1.39              | 5.89            | 43.36                       |    |                                 |  |       |  |    |  |
| 31            |                 |   |              |         | 12.63             |        | 0.90     | 5.62   |                   | 6.18            |                             |    |                                 |  |       |  |    |  |
| 半旬平均          |                 |   |              | 65.47   | 17.19             | 13.90  | 1.40     | 5.34   | 2.90              | 4.10            | 24.77                       |    |                                 |  |       |  |    |  |
| 月合計           |                 |   |              | 1400.75 | 1227.82           | 221.41 | 105.40   | 483.18 | 92.00             | 219.24          | 469.47                      |    |                                 |  |       |  |    |  |
| 月平均           |                 |   |              | 46.69   | 39.61             | 7.38   | 3.40     | 15.59  | 3.07              | 7.07            | 15.65                       |    |                                 |  |       |  |    |  |
| 比流量           |                 |   |              | 21.62   | 18.34             | 3.42   | 1.57     | 7.22   | 1.42              | 3.27            | 7.25                        |    |                                 |  |       |  |    |  |
| 総流出量×10       |                 |   |              | 121.02  | 106.08            | 19.13  | 9.11     | 41.75  | 7.95              | 18.94           | 40.56                       |    |                                 |  |       |  |    |  |
| 総流出高(mm)      |                 |   |              | 560     | 491               | 89     | 42       | 193    | 37                | 88              | 188                         |    |                                 |  |       |  |    |  |
| 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>6</sup> m <sup>3</sup> |  | 年総流出高 |  | mm |  |
|               | 216.0           |   | 142.97       |         | ( 8月 9日 3時 0分)    |        | 0.27     |        | ( 9月18日15時 0分)    |                 | 364.54                      |    |                                 |  | 1688  |  |    |  |
| 観測方法          | 流速計             |   | 観測機関         |         | 北海道               |        | 観測開始年    |        | 昭和 44 年           |                 | # 日流量の月最大値を示す。θ 日流量の月最小を示す。 |    |                                 |  |       |  |    |  |
| 水研様式 流量-8 (改) |                 |   |              |         |                   |        |          |        |                   |                 |                             |    |                                 |  |       |  |    |  |

