

秩父演習林量水観測結果報告（1989～2000年）

秩父演習林

Report of the Daily Runoff in University Forest in Chichibu,
The University of Tokyo (1989-2000)

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I. はじめに

東京大学秩父演習林（以下、当演習林とする）では1989年から^{やたけさわ}矢竹沢、1990年から^{おおちがわひがしだに}大血川東谷と^{くどのさわ}久度沢、1995年からトウバク沢で、それぞれ流量と雨量の観測を行っている。その後台風等に伴う大雨により量水観測用堰堤のプールが土砂で完全に埋まったり、水位センサーの故障、観測用データロガーの不調やデータ回収の失敗、雪崩による観測小屋の崩壊などのトラブルにより継続観測の中断を余儀なくされたこともあったが、その都度排土作業や観測機器の修理などを行うことにより観測の継続に努めてきた。しかしながら大血川東谷は1996年9月22日の台風に伴う大雨により、矢竹沢と久度沢は1999年8月13～14日の熱帯低気圧に伴う大雨により、それぞれ量水観測用堰堤のプールが土砂で完全に埋まり、復旧が困難となったため量水観測を終了した。今回は矢竹沢、大血川東谷、久度沢、トウバク沢の各流域について2000年までの量水観測月報をまとめたので報告する。

なお本報告の一部は平成11年度第51回日本林学会関東支部大会で報告した¹⁾。

II. 試験流域の概要

試験流域は矢竹沢、大血川東谷、久度沢、トウバク沢の各流域で（図-1）、面積はそれぞれ197 ha, 561 ha, 227 ha, 125 haである。

各流域の概要は表-1に示すように、地質は中・古生層である。林相は矢竹沢、大血川東谷、久度沢で二次林の割合がそれぞれ64.5%、55.4%、72.5%と高く、ほとんどが林齢50年を超えた二次林である。一方、トウバク沢は原生林の割合が90.4%と高い。

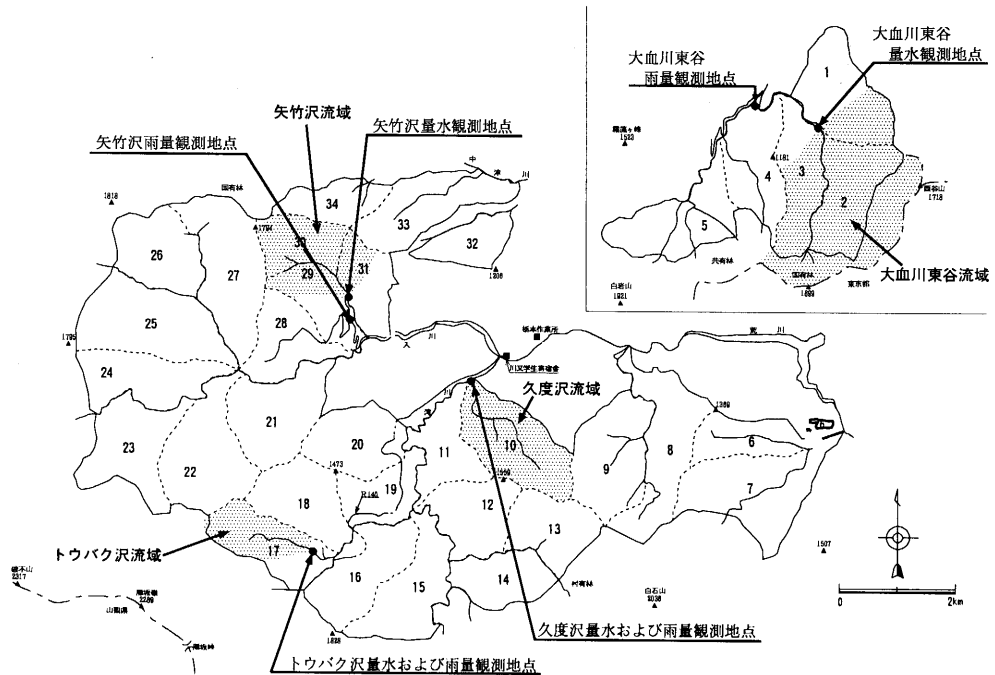


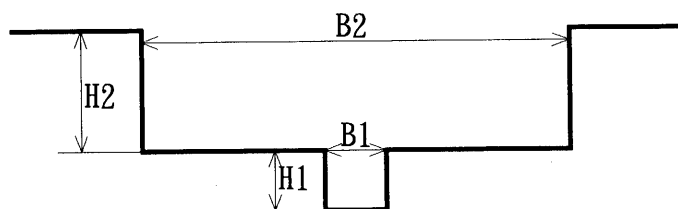
図-1. 各観測地点と小流域の位置

表-1. 各流域の概要

| | 矢竹沢 | 大血川東谷 | 久度沢 | トウバク沢 |
|------|---|--|---|--|
| 流域面積 | 197 ha | 561 ha | 227 ha | 125 ha |
| 標高 | 940~1,794 m | 760~1,718 m | 770~1,762 m | 1,150~2,018 m |
| 地質 | 中・古生層 粘板岩, 緑色珪質 板岩, 珪岩, 黒色 千枚岩, 輝緑凝灰 岩, 石灰岩 | 中・古生層 粘板岩, 硬砂岩, 黒色千枚岩, 輝緑 凝灰岩, 石灰岩 | 中・古生層 輝緑凝灰岩, 粘板 岩, 石灰岩 | 中・古生層 粘板岩, 硬砂岩, 珪岩, 輝緑凝灰岩, ホルンフェルス, 石英閃緑岩 |
| 林相 | 人工林 原生林 二次林 その他 | 11 ha (5.7%) 59 ha (29.8%) 127 ha (64.5%) 2 ha (0.4%) | 76 ha (13.7%) 172 ha (30.7%) 311 ha (55.4%) 2 ha (0.4%) | 26 ha (11.4%) 37 ha (16.1%) 164 ha (72.5%) 2 ha (0.4%) |
| | | | | 1 ha (0.8%) 113 ha (90.4%) 9 ha (7.2%) 2 ha (1.6%) |

標高は矢竹沢が 940~1,794 m, 大血川東谷が 760~1,718 m, 久度沢が 770~1,762 m, トウバク沢が 1,150~2,018 m で, 各流域とも山地帯~亜高山帯下部にかけての森林が成立している。

なおトウバク沢水量観測施設は, 国道 140 号線雁坂トンネルの土捨て場最下端に設けられている。そのため捨て土に大きな貯留量があり, それ自体が湿潤化の途上にあることが示唆されている²⁾。



h を水位 (m)、 q を流量 (m^3/sec) とすると、
 $0 < h \leq H_1$ の時、

$$q = B_1 \times \frac{2}{3} C \times \sqrt{2g} \times h^{3/2}$$

$H_1 < h \leq H_2$ の時、

$$q = B_1 \times \frac{2}{3} C \times \sqrt{2g} \times h^{3/2} \\ + (B_2 - B_1) \times \frac{2}{3} C \times \sqrt{2g} \times (h - H_1)^{3/2}$$

但し、流量係数 $C = 0.6$ 、重力加速度 $g = 9.8 \text{ m/sec}^2$ として計算した。
 また大血川東谷堰堤の寸法は、 $H_1 = 0.9 \text{ m}$ 、 $H_2 = 2.5 \text{ m}$ 、 $B_1 = 1.3 \text{ m}$ 、
 $B_2 = 10.0 \text{ m}$ 、矢竹沢堰堤の寸法は、 $H_1 = 0.94 \text{ m}$ 、 $H_2 = 2.5 \text{ m}$ 、 $B_1 =$
 1.275 m 、 $B_2 = 8.0 \text{ m}$ 、久度沢堰堤の寸法は、 $H_1 = 0.99 \text{ m}$ 、 $H_2 = 2.0$
 m 、 $B_1 = 1.285 \text{ m}$ 、 $B_2 = 8.0 \text{ m}$ である。

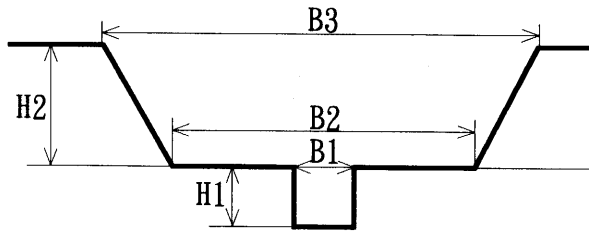
図-2. 大血川東谷、矢竹沢、久度沢各堰堤の越流部形状と流量換算式

III. 観測の方法および期間

各流域の量水観測地点は図-1 に示す位置にある。各流域の量水観測施設は治山堰堤の本堰堤と副堰堤からなり、両堰堤の間のプールに貯水し、そこに水圧式水位計を取り付けて越流水深を10分間隔で観測している。なお下流にある副堰堤の越流部は矢竹沢、大血川東谷、久度沢が図-2、トウバク沢が図-3 に示すような形状をなし、越流部には鋼製のエッジを取り付けてある。また図-2, 3 に水圧水位計により得た値を流量に換算する水位・流出曲線式と、各堰堤の寸法である H_1 , H_2 , B_1 , B_2 , B_3 を併せて示した。

観測期間は矢竹沢が1989年5月30日～1997年10月15日(観測終了)、大血川東谷が1990年2月28日～1996年9月22日(観測終了)、久度沢が1990年6月22日～1999年8月14日(観測終了)、トウバク沢が1995年8月26日～2000年12月31日(観測継続中;ただし2000年11月10日～12月31日は欠測)とした。

各流域で量水観測に用いたデータロガーは、矢竹沢が1989年8月30日～1997年10月15日までコーナースステム社製のKADEC-UV、大血川東谷では1990年2月28日～1996年9月22日までKADEC-UV、久度沢では1990年6月22日～1993年1月12日がKADEC-UV、1996年1月24日～1999年8月14日がコーナースステム社製のKADEC-MIZU、トウバク沢では1995年8月24日～2000年12月31日までKADEC-MIZUを用いた。水位センサの定格圧力(フルスケール)は10mであり、温度 $-30 \sim +60^\circ\text{C}$ において精度はフルスケールの0.3%、即ち、精度は3mm以内である。また、ロガーに記録される水位表示の分解能は1mm



h を水位 (m)、 q を流量 (m^3/sec) とすると、
 $0 < h \leq H1$ の時、

$$q = B_1 \times \frac{2}{3} C \times \sqrt{2g} \times h^{3/2}$$

$H1 < h \leq H2$ の時、

$$q = B_1 \times \frac{2}{3} C \times \sqrt{2g} \times h^{3/2} \\
+ (B_2 - B_1) \times \frac{2}{3} C \times \sqrt{2g} \times (h - H_1)^{3/2} \\
+ \frac{8}{15} C \times \tan\left(\frac{\theta}{2}\right) \times \sqrt{2g} \times (h - H_1)^{5/2}$$

但し、流量係数 $C = 0.6$ 、重力加速度 $g = 9.8 \text{ m/sec}^2$ 、 $\tan\left(\frac{\theta}{2}\right) = 0.5$

として計算した。またトウバク沢堰堤の寸法は、 $H_1 = 0.9 \text{ m}$ 、 $H_2 = 2.5 \text{ m}$ 、
 $B_1 = 1.3 \text{ m}$ 、 $B_2 = 5.0 \text{ m}$ 、 $B_3 = 10.0 \text{ m}$ である。

図-3. トウバク沢堰堤の越流部形状と流量換算式

である。

雨量の観測は各流域1箇所ずつで行い、矢竹沢は量水観測堰堤から約1 km 下流の入川林道と作業道との分岐点に、大血川東谷は量水観測堰堤から約1 km 下流にある大血川作業所構内に、久度沢とトウバク沢は量水観測堰堤の上に転倒ます式の雨量計を設置して10分間隔で降水量を観測した(図-1)。雨量観測に用いたデータロガーは、コーナーシステム社製のKADEC-UPである。なお冬期間については、大血川東谷は電熱線により融雪し、矢竹沢と久度沢はいつ水式融雪器を使用し、トウバク沢は融雪装置を使わずに、それぞれ降水量を観測した。

なお各年度の量水観測担当者は、1989～1993年度が澤田晴雄、1994～1995年度が大村和也、1996年度が澤田晴雄・齋藤俊浩、1997～2000年度が澤田晴雄・千嶋武である。また量水観測施設の補修や清掃、両堰堤間のプールが土砂で埋まった際の排土作業には栃本作業所の小河民也、大村幸正、神塚武一、大血川作業所の加藤光三、千島啓之助、黒沢音治、平野和男が当たった。

IV. 観測結果

以下、矢竹沢の量水観測年報を表-2に、大血川東谷の量水観測年報を表-3に、久度沢の量水観測年報を表-4に、トウバク沢の量水観測月報を表-5にそれぞれ示した。さらに、矢竹沢の量水観測月報を表-6a～iに、大血川東谷の量水観測月報を表-7a～gに、久度沢の量水観測月報を表-8a～jに、トウバク沢の量水観測月報を表-9a～fにそれぞれ示した。

表-2. 矢竹沢の流量および雨量年報

| year | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|---------|--------|-------|-------|-------|-------|-------|------|------|------|------|-----|---|---|---|---|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | | | | | | | |
| 1989 | | | | | | 182.5 | 244.0 | 441.0 | * 304.0 | 274.1 | 194.0 | 191.2 | 24.0 | 55.9 | 4.5 | 33.0 | | | | | | | | | | | | | |
| 1990 | 23.0 | 24.0 | 144.5 | 46.2 | 114.0 | * 89.0 | 33.7 | 57.5 | 30.6 | * 143.7 | 453.5 | 156.3 | 198.5 | 231.4 | 292.0 | 147.1 | 33.0 | | | | | | | | | | | | |
| 1991 | 9.5 | * 56.0 | * 147.0 | * 95.5 | * 63.0 | * 163.0 | 65.4 | 169.5 | 87.1 | 362.5 | 198.8 | 397.0 | 331.5 | 490.0 | 427.5 | 80.5 | 50.7 | 9.0 | | | | | | | | | | | |
| 1992 | 21.5 | * 22.5 | * 140.0 | * 174.5 | 109.8 | 154.5 | 70.9 | 218.5 | 148.7 | 129.0 | 133.9 | 204.5 | 158.7 | 69.0 | 46.1 | 288.0 | 185.8 | 117.0 | 67.2 | 53.5 | 40.6 | | | | | | | | |
| 1993 | 71.0 | 14.7 | 68.0 | 21.8 | 54.5 | 21.2 | 59.5 | 35.4 | 125.5 | 99.7 | 219.5 | 75.8 | 266.0 | 263.6 | 338.0 | 281.7 | 348.0 | 307.3 | 124.0 | 126.5 | 90.5 | 58.2 | 55.5 | 33.6 | | | | | |
| 1994 | 60.5 | 164.0 | 30.0 | * 94.0 | * 9.0 | * 45.0 | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | | | | | |
| 1995 | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | * * | | | | |
| 1996 | 25.0 | 9.4 | 59.0 | 5.0 | 150.0 | 31.4 | 63.5 | * 75.0 | * 100.5 | * 122.0 | * 240.5 | * 240.5 | * 122.0 | * 356.0 | * 93.0 | 236.9 | 68.5 | 64.5 | 42.0 | 36.8 | | | | | | | | | |
| 1997 | 28.0 | 18.3 | 20.0 | 11.4 | 76.0 | 28.7 | 130.5 | 106.0 | 133.5 | 83.7 | 228.0 | * 163.0 | * 43.5 | 93.8 | 199.0 | 141.2 | * | * | * | * | * | * | * | * | * | * | * | * | * |

但し、*は欠測月

表-3. 大血川東谷の流量および雨量年報

| year | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | | | |
| 1990 | | | | | | | 72.5 | * 347.0 | * 513.5 | * 166.0 | * 326.5 | * * | | | | | | | | | | | | | |
| 1991 | * 59.5 | * 133.0 | * 182.0 | * 106.0 | * 62.5 | * 132.5 | * 140.0 | * 543.0 | * 433.0 | * 549.0 | * 63.5 | * 33.5 | | | | | | | | | | | | | |
| 1992 | 31.5 | * 35.5 | * 182.0 | * 77.0 | * 33.0 | * 44.0 | * 83.0 | * 170.0 | 90.9 | 83.0 | 60.1 | 292.0 | 132.5 | 91.5 | 85.5 | 47.0 | 72.1 | | | | | | | | |
| 1993 | 125.5 | 53.7 | 51.0 | 53.7 | 36.0 | 56.8 | 43.0 | 58.1 | 142.0 | 86.4 | 197.5 | 75.2 | 303.0 | 158.5 | 353.0 | 160.9 | 265.0 | 263.8 | 114.0 | 146.2 | 103.5 | 121.9 | 36.0 | 99.7 | |
| 1994 | 71.5 | * 66.0 | * 98.5 | * 38.0 | * 128.0 | * 130.5 | * 315.5 | * 143.5 | * 414.5 | * 124.0 | * 19.0 | * 34.5 | | | | | | | | | | | | | |
| 1995 | 31.0 | * 22.5 | * 137.5 | * 54.5 | * 166.0 | * 162.5 | * 211.0 | 111.1 | 69.0 | 65.5 | 249.0 | 101.7 | 76.5 | 78.5 | 36.0 | 56.2 | 0.5 | 50.4 | | | | | | | |
| 1996 | 7.5 | 47.0 | 43.0 | 42.5 | 81.5 | 52.8 | 60.0 | 58.7 | 95.0 | 69.1 | 81.5 | 54.4 | 304.0 | 115.8 | 41.0 | 71.9 | | | | | | | | | |

但し、*は欠測月

表-4. 久度沢の流量および雨量年報

| year | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1990 | | | | | | | 41.8 | 166.7 | 103.8 | 215.9 | 253.0 | 124.6 |
| 1991 | 6.0 | 35.1 | 42.5 | 21.5 | 21.5 | 125.0 | 59.2 | 43.5 | 95.9 | 0.0 | 40.9 | 134.5 |
| 1992 | 36.0 | 23.2 | 26.0 | 15.8 | 124.5 | 49.8 | 165.0 | 117.7 | 126.0 | 71.2 | 210.5 | 118.8 |
| 1993 | 131.0 | * | 42.0 | * | 37.0 | * | 41.0 | * | 127.5 | * | 216.0 | * |
| 1994 | 68.0 | * | 34.0 | * | 79.0 | * | 0.0 | * | 37.5 | * | 105.0 | * |
| 1995 | 59.5 | * | 17.5 | * | 129.5 | * | 48.5 | * | 79.5 | * | 163.5 | * |
| 1996 | 26.5 | * | 43.5 | 9.5 | 117.5 | 29.9 | 50.5 | 40.4 | 70.0 | 41.9 | 96.5 | 29.1 |
| 1997 | 30.5 | 6.3 | 17.5 | 19.4 | 49.5 | 26.7 | 99.5 | 73.5 | 152.5 | 50.3 | 199.0 | 105.7 |
| 1998 | 123.0 | * | 99.0 | * | 85.5 | 87.4 | 228.5 | 217.9 | 163.5 | 96.4 | 149.5 | 130.0 |
| 1999 | 7.0 | 28.4 | 32.5 | 21.5 | 94.5 | 33.4 | 236.5 | 149.1 | 130.0 | 106.8 | * | 92.0 |
| | | | | | | | | | | | * | 278.5 |

但し、*は欠測月

表-5. トウバク沢の流量および雨量年報

| year | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1995 | | | | | | | | | | | | |
| 1996 | 34.0 | 9.2 | 3.5 | 2.6 | 162.0 | 41.6 | 59.5 | * | 88.0 | 75.3 | 127.0 | 29.7 |
| 1997 | 16.5 | 17.9 | 8.0 | 8.7 | 102.0 | 22.0 | 138.5 | 145.4 | 178.5 | 87.2 | 272.0 | 186.0 |
| 1998 | * | * | * | 36.8 | * | 82.8 | * | 433.3 | 57.5 | 209.9 | 16.0 | 196.3 |
| 1999 | 16.0 | 10.8 | 40.5 | 8.3 | 145.0 | 42.9 | 257.5 | 195.1 | 183.5 | 169.4 | 357.0 | 236.5 |
| 2000 | 30.0 | 27.6 | 1.0 | 9.7 | * | 27.6 | * | 78.5 | 91.5 | 85.9 | 247.0 | 145.2 |
| | | | | | | | | | | | | 313.0 |
| | | | | | | | | | | | | 232.7 |
| | | | | | | | | | | | | 386.0 |
| | | | | | | | | | | | | 333.8 |
| | | | | | | | | | | | | 256.6 |
| | | | | | | | | | | | | 125.5 |
| | | | | | | | | | | | | 71.3 |
| | | | | | | | | | | | | 204.0 |
| | | | | | | | | | | | | * 11.5 |
| | | | | | | | | | | | | 326.0 |
| | | | | | | | | | | | | 376.1 |
| | | | | | | | | | | | | * 158.0 |
| | | | | | | | | | | | | 112.0 |
| | | | | | | | | | | | | 63.4 |
| | | | | | | | | | | | | 104.5 |
| | | | | | | | | | | | | 76.5 |
| | | | | | | | | | | | | 2.0 |
| | | | | | | | | | | | | 23.7 |
| | | | | | | | | | | | | 55.1 |
| | | | | | | | | | | | | 23.5 |
| | | | | | | | | | | | | 30.7 |
| | | | | | | | | | | | | 11.0 |
| | | | | | | | | | | | | 508.4 |
| | | | | | | | | | | | | 274.0 |
| | | | | | | | | | | | | 302.4 |
| | | | | | | | | | | | | 66.5 |
| | | | | | | | | | | | | 127.0 |
| | | | | | | | | | | | | 534.5 |
| | | | | | | | | | | | | 508.4 |
| | | | | | | | | | | | | 274.0 |
| | | | | | | | | | | | | 74.5 |
| | | | | | | | | | | | | 136.0 |
| | | | | | | | | | | | | 207.5 |
| | | | | | | | | | | | | 156.5 |
| | | | | | | | | | | | | 144.0 |
| | | | | | | | | | | | | 62.9 |
| | | | | | | | | | | | | 359.5 |
| | | | | | | | | | | | | 237.6 |
| | | | | | | | | | | | | 142.4 |
| | | | | | | | | | | | | 118.5 |
| | | | | | | | | | | | | 67.9 |
| | | | | | | | | | | | | 113.0 |
| | | | | | | | | | | | | * 218.0 |
| | | | | | | | | | | | | 57.3 |
| | | | | | | | | | | | | 218.0 |
| | | | | | | | | | | | | 109.0 |
| | | | | | | | | | | | | 224.0 |
| | | | | | | | | | | | | 109.0 |
| | | | | | | | | | | | | 121.5 |
| | | | | | | | | | | | | 85.2 |
| | | | | | | | | | | | | 77.5 |
| | | | | | | | | | | | | 44.6 |
| | | | | | | | | | | | | 77.5 |
| | | | | | | | | | | | | 44.6 |
| | | | | | | | | | | | | 0.5 |
| | | | | | | | | | | | | 19.8 |
| | | | | | | | | | | | | 61.0 |
| | | | | | | | | | | | | 50.3 |
| | | | | | | | | | | | | 61.0 |
| | | | | | | | | | | | | * 50.3 |
| | | | | | | | | | | | | 61.0 |
| | | | | | | | | | | | | 50.3 |
| | | | | | | | | | | | | * 61.0 |
| | | | | | | | | | | | | 44.6 |
| | | | | | | | | | | | | 79.9 |
| | | | | | | | | | | | | 70.0 |
| | | | | | | | | | | | | 446.7 |
| | | | | | | | | | | | | 469.5 |
| | | | | | | | | | | | | 334.2 |
| | | | | | | | | | | | | 382.0 |
| | | | | | | | | | | | | 469.5 |
| | | | | | | | | | | | | 334.2 |
| | | | | | | | | | | | | 103.8 |
| | | | | | | | | | | | | 215.9 |
| | | | | | | | | | | | | 253.0 |
| | | | | | | | | | | | | 124.6 |
| | | | | | | | | | | | | 31.5 |
| | | | | | | | | | | | | 157.6 |

但し、*は欠測月

表-6a. 1989年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|-----|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | |
| 1 | | | | | | 0.0 | 0.5 | 17.5 | 0.0 | 6.6 | 0.0 | 3.7 | 2.5 | 2.7 | 0.0 | 1.3 |
| 2 | | | | | | 0.0 | 3.5 | 1.5 | 1.5 | 5.5 | 3.0 | 3.6 | 0.0 | 2.4 | 0.0 | 1.3 |
| 3 | | | | | | 0.0 | 3.0 | 0.0 | 117.0 | 24.9 | 19.5 | 3.6 | 0.0 | 2.3 | 0.0 | 1.3 |
| 4 | | | | | | 0.0 | 19.0 | 0.0 | 20.0 | 39.0 | 17.0 | 6.9 | 0.0 | 2.2 | 0.0 | 1.4 |
| 5 | | | | | | 0.0 | 11.5 | 21.0 | 24.0 | 21.7 | 0.0 | 5.0 | 0.0 | 2.2 | 0.0 | 1.3 |
| 6 | | | | | | 0.0 | 0.0 | 139.0 | 13.0 | 20.4 | 3.5 | 4.6 | 0.0 | 2.1 | 0.0 | 1.4 |
| 7 | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 15.4 | 52.0 | 12.2 | 0.0 | 2.1 | 0.0 | 1.3 |
| 8 | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 11.3 | 3.5 | 15.8 | 0.5 | 2.1 | 0.0 | 1.3 |
| 9 | | | | | | 20.0 | 7.0 | 0.0 | 0.0 | 8.7 | 0.0 | 11.4 | 6.5 | 2.2 | 0.0 | 1.2 |
| 10 | | | | | | 7.0 | 11.5 | 0.0 | 1.5 | 7.1 | 0.0 | 8.8 | 4.5 | 2.2 | 0.0 | 1.2 |
| 11 | | | | | | 6.0 | 0.0 | 0.0 | 0.0 | 6.1 | 44.0 | 10.8 | 0.0 | 2.0 | 0.0 | 1.1 |
| 12 | | | | | | 0.0 | 2.5 | 0.0 | 0.0 | 5.3 | 2.5 | 12.8 | 0.0 | 2.0 | 0.0 | 1.1 |
| 13 | | | | | | 0.0 | 23.5 | 0.0 | 0.0 | 4.7 | 0.0 | 11.1 | 6.5 | 2.0 | 0.0 | 1.0 |
| 14 | | | | | | 0.0 | 0.0 | 15.0 | 4.0 | 4.3 | 2.5 | 9.2 | 0.0 | 2.0 | 4.5 | 1.1 |
| 15 | | | | | | 0.5 | 0.0 | 28.0 | 3.5 | 3.9 | 0.0 | 7.7 | 0.5 | 1.8 | 0.0 | 1.1 |
| 16 | | | | | | 32.5 | 23.5 | 33.0 | 0.5 | 3.6 | 1.0 | 6.4 | 1.5 | 1.8 | 0.0 | 1.0 |
| 17 | | | | | | 10.0 | 6.0 | 25.5 | 1.0 | 3.3 | 4.5 | 5.7 | 1.5 | 1.8 | 0.0 | 1.0 |
| 18 | | | | | | 4.5 | 4.5 | 0.0 | 4.0 | 3.1 | 0.0 | 4.7 | 0.0 | 1.8 | 0.0 | 1.0 |
| 19 | | | | | | 16.0 | 0.0 | 0.0 | 32.5 | 3.3 | 24.0 | 5.5 | 0.0 | 1.7 | 0.0 | 0.9 |
| 20 | | | | | | 1.5 | 0.0 | 2.5 | 55.5 | 16.7 | 0.0 | 5.0 | 0.0 | 1.6 | 0.0 | 0.9 |
| 21 | | | | | | 1.0 | 0.0 | 7.0 | 0.0 | 8.0 | 0.0 | 4.3 | 0.0 | 1.6 | 0.0 | 0.9 |
| 22 | | | | | | 14.5 | 15.0 | 0.0 | 11.5 | 6.9 | 0.0 | 4.1 | 0.0 | 1.6 | 0.0 | 0.9 |
| 23 | | | | | | 25.5 | 0.0 | 0.0 | 6.0 | 6.2 | 0.0 | 3.9 | 0.0 | 1.6 | 0.0 | 0.9 |
| 24 | | | | | | 20.5 | 1.0 | 1.0 | 6.5 | 7.3 | 0.0 | 3.5 | 0.0 | 1.5 | 0.0 | 0.9 |
| 25 | | | | | | 1.0 | 1.5 | 8.0 | 1.0 | 6.4 | 0.0 | 3.3 | 0.0 | 1.5 | 0.0 | 0.9 |
| 26 | | | | | | 1.0 | 8.5 | 2.0 | 0.0 | 5.8 | 0.0 | 3.2 | 0.0 | 1.5 | 0.0 | 0.9 |
| 27 | | | | | | 0.0 | 0.5 | 126.5 | 0.0 | 5.3 | 0.0 | 3.0 | 0.0 | 1.5 | 0.0 | 1.0 |
| 28 | | | | | | 21.0 | 5.0 | 0.0 | 1.0 | 4.8 | 0.0 | 3.0 | 0.0 | 1.4 | 0.0 | 0.9 |
| 29 | | | | | | 0.0 | 91.0 | 0.0 | 0.0 | 4.4 | 0.0 | 2.8 | 0.0 | 1.4 | 0.0 | 0.9 |
| 30 | | | | | | 0.0 | 3.5 | 10.8 | 0.0 | 4.0 | 0.0 | 2.6 | 0.0 | 1.4 | 0.0 | 0.8 |
| 31 | | | | | 0.0 | 2.0 | 10.0 | 8.5 | 17.0 | 2.8 | | | | | | 0.9 |
| Total | | | | | * | 182.5 | 244.0 | 441.0 | * 304.0 | 274.1 | 194.0 | 191.2 | 24.0 | 55.9 | 4.5 | 33.0 |

但し、雨量は5/30、流量は8/29に観測開始

表-6b. 1990年の矢作沢流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 0.9 | 0.0 | 0.7 | 1.5 | 2.6 | 0.0 | * | 0.0 | * | 0.0 | 1.0 | 0.0 | 0.9 | 8.5 | 1.0 | 0.0 | 1.8 | 9.0 | 38.9 | 0.0 | 3.3 | 0.0 | 38.7 |
| 2 | 0.0 | 0.9 | 0.0 | 0.7 | 19.5 | 3.0 | 0.0 | * | 0.0 | * | 5.5 | 1.1 | 0.0 | 0.9 | 0.0 | 0.8 | 0.0 | 1.7 | 0.0 | 18.3 | 0.0 | 3.1 | 0.0 | 16.5 |
| 3 | 0.0 | 0.9 | 0.0 | 0.7 | 8.5 | 2.9 | 0.0 | * | 0.5 | * | 0.0 | 1.1 | 0.0 | 1.1 | 0.0 | 0.8 | 0.0 | 1.7 | 0.0 | 11.8 | 0.0 | 3.0 | 0.0 | 10.2 |
| 4 | 0.0 | 0.9 | 0.5 | 0.7 | 2.5 | 3.9 | 15.0 | * | 3.5 | * | 0.0 | 1.0 | 0.0 | 1.2 | 0.0 | 0.7 | 0.0 | 1.6 | 0.0 | 9.1 | 42.0 | 5.5 | 0.0 | 7.3 |
| 5 | 0.0 | 0.9 | 1.0 | 0.7 | 0.0 | 3.9 | 0.0 | * | 16.0 | * | 10.0 | 1.1 | 1.0 | 1.1 | 0.0 | 0.8 | 0.0 | 1.6 | 0.0 | 7.4 | 0.0 | 5.7 | 0.0 | 5.8 |
| 6 | 0.0 | 0.9 | 0.5 | 0.7 | 0.0 | 3.4 | 0.0 | * | 0.0 | * | 0.5 | 1.1 | 0.5 | 1.0 | 0.0 | 1.0 | 0.0 | 1.6 | 4.0 | 6.4 | 0.0 | 4.9 | 0.0 | 4.7 |
| 7 | 0.0 | 0.9 | 4.5 | 0.7 | 0.0 | 3.0 | 0.0 | * | 8.0 | * | 0.0 | 1.1 | 0.0 | 1.0 | 0.0 | 0.9 | 13.0 | 1.7 | 17.0 | 5.7 | 0.0 | 4.5 | 0.0 | 4.1 |
| 8 | 0.0 | 0.9 | 3.0 | 0.7 | 0.0 | 2.7 | 36.0 | * | 7.5 | * | 0.0 | 1.0 | 0.0 | 1.0 | * | 1.0 | 0.5 | 1.6 | 82.0 | 19.2 | 0.0 | 4.0 | 0.0 | 3.6 |
| 9 | 0.0 | 0.9 | 0.5 | 0.7 | 0.0 | 2.5 | 0.0 | * | 0.5 | * | 16.5 | 1.2 | 0.0 | 0.9 | * | 1.2 | 0.0 | 1.4 | 3.0 | 18.6 | 5.0 | 3.6 | 0.0 | 3.3 |
| 10 | 4.5 | 1.3 | 1.0 | 0.7 | 0.0 | 2.3 | 0.0 | * | 0.0 | * | 0.5 | 1.5 | 0.0 | 0.9 | * | 54.0 | 0.0 | 1.4 | 2.5 | 12.1 | 37.0 | 7.5 | 0.0 | 3.1 |
| 11 | 0.0 | 1.3 | 46.5 | 3.4 | 0.0 | 2.2 | 0.0 | * | 0.0 | * | 0.0 | 1.2 | 0.0 | 0.9 | * | 17.5 | 0.0 | 1.5 | 0.0 | 8.8 | 0.0 | 5.0 | 32.0 | 3.3 |
| 12 | 0.0 | 0.8 | 0.0 | 2.2 | 22.5 | 2.9 | 0.0 | * | 0.0 | * | 5.5 | 1.2 | 0.0 | 0.9 | * | 9.1 | 0.0 | 1.5 | 0.0 | 7.3 | 0.0 | 4.5 | 0.5 | 3.2 |
| 13 | 0.0 | 0.8 | 0.0 | 1.5 | 0.0 | 2.6 | 3.5 | * | 0.0 | * | 0.0 | 1.2 | 0.0 | 1.7 | * | 6.5 | 59.5 | 2.7 | 8.5 | 6.5 | 0.0 | 4.2 | 0.0 | 2.5 |
| 14 | 0.0 | 0.7 | 0.0 | 1.1 | 0.0 | 2.4 | 6.0 | * | 12.0 | * | 0.0 | 1.2 | 5.5 | 1.3 | * | 5.1 | 9.5 | 2.4 | 0.0 | 5.8 | 0.0 | 3.8 | 0.0 | 2.5 |
| 15 | 0.0 | 0.7 | 6.0 | 1.0 | 4.5 | 2.5 | 20.5 | * | 11.5 | * | 2.5 | 1.1 | 0.0 | 1.1 | * | 4.4 | 6.0 | 2.1 | 0.0 | 5.3 | 3.0 | 3.6 | 0.0 | 2.3 |
| 16 | 0.0 | 0.7 | 0.5 | 1.0 | 0.0 | 2.3 | 16.5 | * | 0.0 | * | 11.0 | 1.4 | 0.0 | 1.1 | * | 3.8 | 13.0 | 2.3 | 0.5 | 4.7 | 0.0 | 3.3 | 0.0 | 2.1 |
| 17 | 0.0 | 0.7 | 3.5 | 1.0 | 0.0 | 2.2 | 9.0 | * | 0.0 | * | 0.0 | 1.2 | 10.0 | 1.0 | * | 3.5 | 4.5 | 2.3 | 0.0 | 4.3 | 0.0 | 3.2 | 0.0 | 1.8 |
| 18 | 0.0 | 0.7 | 5.0 | 1.1 | 0.0 | 2.1 | 17.5 | * | 0.0 | * | 0.0 | 1.1 | 0.5 | 1.0 | * | 3.1 | 0.5 | 2.0 | 0.0 | 4.0 | 0.0 | 2.9 | 0.0 | 1.7 |
| 19 | 14.5 | 0.8 | 5.0 | 1.1 | 11.5 | 2.2 | 0.5 | * | 11.5 | * | 2.5 | 1.1 | 0.0 | 1.0 | * | 2.9 | 24.0 | 2.0 | 0.0 | 3.6 | 0.0 | 2.8 | 0.0 | 1.6 |
| 20 | 0.5 | 0.8 | 25.0 | 3.2 | 0.0 | 2.1 | 4.0 | * | 0.0 | * | 1.0 | 1.1 | 0.0 | 0.9 | * | 2.7 | 81.5 | 18.1 | 0.0 | 3.3 | 2.0 | 2.7 | 0.0 | 1.5 |
| 21 | 0.0 | 0.7 | 0.5 | 2.9 | 0.0 | 2.0 | 8.5 | * | 0.0 | * | 0.0 | 1.2 | 16.5 | 0.9 | * | 2.6 | 0.0 | 5.7 | 0.0 | 3.0 | 1.5 | 2.5 | 0.5 | 1.5 |
| 22 | 0.0 | 0.7 | 0.0 | 2.2 | 0.0 | 1.9 | 12.5 | * | 0.0 | * | 0.0 | 1.2 | 0.5 | 0.9 | * | 2.4 | 0.0 | 4.3 | 0.5 | 2.6 | 0.0 | 1.7 | 0.0 | 1.5 |
| 23 | 0.0 | 0.7 | 1.0 | 2.0 | 0.0 | 1.9 | 4.5 | * | 0.0 | * | 0.0 | 1.1 | 0.0 | 0.9 | * | 2.4 | 0.0 | 3.7 | 0.5 | 2.4 | 0.0 | 1.7 | 0.0 | 1.4 |
| 24 | 0.0 | 0.7 | 18.5 | 3.4 | 0.0 | 2.0 | 0.0 | * | 1.5 | * | 0.0 | 1.1 | 5.5 | 0.8 | * | 2.2 | 0.0 | 3.3 | 8.5 | 2.7 | 0.0 | 1.7 | 0.0 | 1.4 |
| 25 | 0.0 | 0.6 | 9.5 | 3.3 | 0.0 | 2.0 | 0.0 | * | 0.5 | 1.0 | 12.0 | 1.1 | 0.0 | 0.8 | * | 2.1 | 4.0 | 3.3 | 3.0 | 2.3 | 0.0 | 1.7 | 0.0 | 1.3 |
| 26 | 0.0 | 0.6 | 3.5 | 3.1 | 0.0 | * | 0.0 | * | 0.0 | 1.0 | 11.5 | 1.1 | 0.0 | 0.9 | * | 2.1 | 99.5 | 13.2 | 23.0 | 3.5 | 0.0 | 1.8 | 0.0 | 1.4 |
| 27 | 0.0 | 0.6 | 8.0 | 3.0 | 0.0 | * | 0.0 | * | 0.0 | 1.0 | 0.0 | 1.1 | 2.5 | 1.0 | * | 1.8 | 8.0 | 17.6 | 0.0 | 2.6 | 0.5 | 1.6 | 0.0 | 1.2 |
| 28 | 0.0 | 0.6 | 1.0 | 2.8 | 4.0 | * | 0.0 | * | 0.0 | 1.1 | 0.0 | 1.0 | 11.0 | 0.9 | * | 1.8 | 0.0 | 11.4 | 0.0 | 2.3 | 37.5 | 2.5 | 0.0 | * |
| 29 | 3.5 | 0.6 | | | 13.5 | * | 1.5 | * | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.9 | * | 1.8 | 0.0 | 8.3 | 0.0 | 2.1 | 35.5 | 5.9 | 0.0 | * |
| 30 | 0.0 | 0.6 | | | 0.5 | * | 0.0 | * | 0.0 | 1.0 | 10.0 | 0.9 | 0.0 | 0.8 | * | 1.8 | 130.0 | 32.3 | 30.5 | 2.5 | 128.0 | 45.1 | 0.0 | * |
| 31 | 0.0 | 0.7 | | | 25.5 | * | | * | 0.0 | 1.0 | | 4.0 | 0.8 | 0.0 | | 1.9 | | 6.0 | 4.6 | | | | | * |
| Total | 23.0 | 24.0 | 144.5 | 46.2 | 114.0 | * | 155.5 | * | 73.0 | * | 89.0 | 33.7 | 57.5 | 30.6 | * | 143.7 | 453.5 | 156.3 | 198.5 | 231.4 | 292.0 | 147.1 | 33.0 | * |

但し、*は欠測

表-6c. 1991年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|------|------|-----|------|-----|-----|-----|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | | |
| 1 | 0.0 | * 0.5 | * 2.5 | 0.3 | 0.0 | 0.6 | 1.1 | 27.5 | 2.6 | 3.5 | 1.8 | 0.0 | 15.0 | 72.5 | 21.4 | 3.0 | 4.0 | 0.0 | 0.0 | 1.5 | | | | |
| 2 | 0.0 | * 0.5 | * 0.5 | 0.2 | 0.0 | * | 0.9 | 1.0 | 3.1 | 2.5 | 1.7 | 2.0 | 10.1 | 0.0 | 22.0 | 0.0 | 3.4 | 0.0 | 1.3 | | | | | |
| 3 | 0.0 | * 0.0 | * 0.0 | 0.2 | 2.5 | * | 1.5 | 0.5 | 2.3 | 0.0 | 1.7 | 1.5 | 7.6 | 0.0 | 13.4 | 0.0 | 3.0 | 0.0 | 1.1 | | | | | |
| 4 | 0.0 | * 0.0 | * 0.0 | 0.2 | 0.0 | * | 1.0 | 1.5 | 3.0 | 2.1 | 1.6 | 0.0 | 6.1 | 0.0 | 9.4 | 0.0 | 2.7 | 0.0 | 1.0 | | | | | |
| 5 | 0.0 | * 0.0 | * 0.0 | 0.3 | 0.0 | * | 0.0 | 1.1 | 7.5 | 2.2 | 3.5 | 1.7 | 0.0 | 5.2 | 25.0 | 7.9 | 0.0 | 2.3 | 0.0 | 1.0 | | | | |
| 6 | 0.0 | * 0.0 | * 0.1 | 0.0 | 0.3 | 5.0 | * | 11.5 | 1.1 | 17.0 | 3.2 | 1.5 | 0.0 | 4.6 | 9.5 | 7.2 | 0.0 | 2.1 | 0.0 | 0.9 | | | | |
| 7 | 0.0 | * 0.5 | * 0.1 | 0.0 | * | 33.5 | * | 0.0 | 0.0 | 3.0 | 8.0 | 1.6 | 0.0 | 4.0 | 49.0 | 15.7 | 0.0 | 1.9 | 0.0 | 0.9 | | | | |
| 8 | 0.0 | * 0.0 | * 0.1 | 0.0 | * | 18.5 | * | 0.0 | 0.0 | 0.0 | 1.9 | 45.5 | 6.9 | 22.5 | 16.9 | 9.5 | 2.0 | 0.0 | 0.9 | 0.9 | | | | |
| 9 | 0.0 | * 0.5 | * 0.1 | 0.0 | * | 1.0 | * | 0.0 | 0.0 | 0.0 | 1.4 | 0.5 | 7.7 | 18.5 | 19.5 | 0.0 | 1.7 | 0.0 | 0.6 | 0.6 | | | | |
| 10 | 0.0 | * 1.0 | * 0.1 | 0.0 | * | 0.0 | * | 0.0 | 0.0 | 0.0 | 1.5 | 1.0 | 6.6 | 108.5 | 40.3 | 0.0 | 1.5 | 2.0 | 0.7 | 0.7 | | | | |
| 11 | 0.0 | * 5.0 | * 0.2 | 3.5 | * | 0.0 | * | 0.0 | 0.9 | 0.0 | 2.0 | 9.0 | 1.5 | 1.0 | 6.6 | 108.5 | 40.3 | 0.0 | 1.5 | 2.0 | 0.7 | | | |
| 12 | 0.0 | * 0.0 | * 0.2 | 17.5 | * | 0.0 | * | 0.0 | 0.9 | 16.5 | 2.1 | 28.0 | 3.6 | 0.0 | 5.5 | 45.0 | 69.3 | 0.0 | 1.4 | 0.0 | 0.6 | | | |
| 13 | 0.0 | * 0.0 | * 0.2 | 0.0 | * | 1.5 | 2.5 | 0.5 | * | 0.5 | 2.0 | 2.0 | 2.7 | 79.5 | 17.4 | 0.0 | 24.2 | 0.0 | 1.2 | 0.0 | * | | | |
| 14 | 0.0 | * 0.0 | * 0.2 | 2.0 | * | 1.0 | 2.2 | 0.0 | * | 0.0 | 1.4 | 14.0 | 3.6 | 0.0 | 4.5 | 12.0 | 4.9 | 21.5 | 41.4 | 0.0 | 1.2 | 0.0 | | |
| 15 | 0.0 | * 26.0 | * 0.3 | 0.0 | * | 0.0 | 1.7 | 0.5 | * | 0.0 | 1.0 | 0.5 | 4.7 | 0.0 | 2.3 | 15.5 | 17.4 | 0.0 | 14.4 | 0.0 | 1.1 | 0.0 | | |
| 16 | 0.0 | * 7.0 | * 1.2 | 0.0 | * | 0.5 | 1.5 | 5.0 | * | 0.0 | 2.4 | 0.5 | 3.9 | 0.0 | 2.0 | 0.5 | 10.2 | 19.0 | 7.8 | 0.0 | 0.9 | 0.0 | | |
| 17 | 0.0 | * 0.0 | * 0.3 | 4.5 | * | 0.0 | 1.4 | 0.0 | * | 0.0 | 2.0 | 11.0 | 3.9 | 0.0 | 1.8 | 10.0 | 8.4 | 0.0 | 6.5 | 0.0 | 0.9 | 0.0 | | |
| 18 | 0.0 | * 0.0 | * 0.2 | 0.0 | * | 0.5 | 1.5 | 0.0 | * | 0.0 | 0.0 | 2.0 | 2.0 | 0.5 | 10.2 | 19.0 | 7.8 | 0.0 | 0.9 | 0.0 | 0.9 | 0.0 | | |
| 19 | 0.0 | * 0.0 | * 0.2 | 0.0 | * | 0.0 | 1.2 | 0.0 | * | 0.0 | 3.5 | 1.8 | 0.5 | 3.4 | 15.0 | 2.1 | 123.0 | 57.5 | 0.0 | 5.2 | 0.0 | 0.9 | 0.0 | |
| 20 | 0.0 | * 0.0 | * 0.1 | 0.0 | * | 0.0 | 1.0 | 0.0 | * | 15.5 | 2.4 | 1.0 | 3.1 | 125.0 | 16.3 | 1.0 | 32.5 | 0.0 | 4.4 | 1.0 | 1.0 | 0.0 | 0.0 | |
| 21 | 0.5 | * 0.0 | * 0.1 | 0.0 | * | 0.0 | 0.8 | 0.0 | * | 1.0 | 2.3 | 24.5 | 3.4 | 28.5 | 52.9 | 0.5 | 16.0 | 0.0 | 3.8 | 0.0 | 0.9 | 0.0 | 0.0 | |
| 22 | 1.5 | * 0.0 | * 0.1 | 0.5 | * | 0.0 | 0.7 | 5.0 | * | 18.0 | 2.9 | 1.5 | 3.2 | 1.0 | 17.3 | 0.0 | 10.7 | 0.0 | 3.4 | 0.0 | 0.9 | 0.0 | 0.0 | |
| 23 | 0.0 | * 0.0 | * 0.1 | 49.0 | * | 5.0 | 0.7 | 0.0 | * | 10.0 | 4.5 | 0.0 | 2.9 | 11.0 | 10.8 | 0.0 | 8.1 | 0.0 | 3.0 | 0.0 | 1.0 | 1.5 | 0.0 | |
| 24 | 0.0 | * 0.0 | * 0.1 | 0.0 | * | 9.0 | 0.8 | 0.0 | * | 11.0 | 5.2 | 0.0 | 2.6 | 4.5 | 8.3 | 0.5 | 6.4 | 0.0 | 2.6 | 0.0 | 1.0 | 0.5 | 0.0 | |
| 25 | 6.0 | * 0.0 | * 0.1 | 4.5 | * | 7.0 | 1.0 | 0.0 | * | 1.0 | 0.5 | 4.9 | 0.0 | 2.4 | 0.0 | 6.6 | 2.5 | 5.4 | 37.0 | 5.1 | 0.0 | 0.8 | 4.5 | 0.0 |
| 26 | 0.0 | * 0.0 | * 0.1 | 0.5 | * | 0.0 | 0.8 | 0.0 | * | 1.0 | 0.0 | 4.4 | 0.0 | 2.2 | 0.0 | 5.5 | 0.5 | 4.5 | 1.5 | 3.9 | 0.0 | 0.8 | 0.0 | 0.0 |
| 27 | 0.5 | * 0.0 | * 0.1 | 5.5 | * | 0.0 | 0.8 | 8.0 | * | 1.0 | 0.0 | 3.8 | 1.0 | 2.0 | 0.0 | 4.7 | 15.0 | 4.1 | 35.5 | 7.9 | 0.0 | 0.9 | 0.0 | 0.0 |
| 28 | 0.0 | * 4.0 | * 0.3 | 5.5 | * | 0.0 | 0.7 | 0.5 | * | 1.1 | 0.5 | 2.0 | 0.5 | 2.0 | 0.5 | 4.0 | 50.5 | 13.3 | 0.0 | 8.5 | 67.0 | 3.2 | 0.0 | 0.0 |
| 29 | 0.0 | * 0.5 | * 0.5 | 0.5 | * | 10.0 | 0.7 | 0.0 | * | 1.0 | 3.5 | 2.8 | 0.0 | 1.9 | 3.5 | 3.7 | 0.0 | 7.6 | 0.0 | 6.7 | 0.0 | 3.5 | 0.0 | 0.0 |
| 30 | 0.5 | * 0.0 | * 1.2 | 0.5 | * | 1.0 | 0.7 | 0.0 | * | 1.0 | 1.5 | 2.6 | 2.5 | 1.9 | 8.0 | 3.5 | 18.5 | 6.7 | 0.0 | 5.5 | 0.0 | 1.8 | 0.0 | 0.0 |
| 31 | 0.5 | * 0.0 | * 14.5 | 0.5 | * | 25.5 | 1.0 | 0.0 | * | 0.0 | 1.8 | 85.5 | 26.3 | 0.0 | 0.0 | 0.0 | 4.6 | 0.0 | 0.0 | 0.0 | 4.6 | 0.0 | 0.0 | 0.0 |
| Total | 9.5 | * 56.0 | * 147.0 | * 95.5 | * 63.0 | * 163.0 | 65.4 | 169.5 | 87.1 | 362.5 | 198.8 | 397.0 | 331.5 | 490.0 | 427.5 | 80.5 | 50.7 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

但し、*は欠測

表-6d. 1992年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|------|------|-------|-------|-------|------|------|------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | |
| 1 | 0.5 | * | 0.0 | * | 8.5 | 4.8 | 0.5 | 2.5 | 0.0 | 5.0 | 2.5 | 6.6 | 32.5 | 5.3 | 0.0 | 2.2 | 0.0 | 1.5 | 1.5 | 2.4 | 9.0 | 1.7 | |
| 2 | 0.5 | * | 0.0 | * | 0.0 | 4.7 | 0.0 | 2.1 | 0.0 | 4.6 | 6.0 | 5.7 | 13.0 | 6.2 | 0.0 | 2.1 | 5.0 | 1.5 | 1.5 | 2.0 | 0.5 | 1.9 | |
| 3 | 0.5 | * | 0.0 | * | 0.0 | 4.0 | 0.0 | 2.0 | 0.0 | 4.2 | 0.0 | 5.1 | 6.0 | 5.8 | 0.0 | 2.1 | 0.0 | 1.3 | 0.0 | 1.9 | 0.0 | 1.5 | |
| 4 | 0.0 | * | 0.0 | * | 0.0 | 3.5 | 0.0 | 1.9 | 0.0 | 3.7 | 0.0 | 4.7 | 3.5 | 6.6 | 0.0 | 2.1 | 0.0 | 1.3 | 0.0 | 2.0 | 0.0 | 1.4 | |
| 5 | 0.0 | * | 2.5 | * | 41.5 | 6.2 | 0.0 | 1.7 | 7.5 | 4.0 | 2.0 | 4.3 | 0.0 | 6.3 | 0.0 | 1.9 | 36.0 | 2.3 | 0.0 | 1.9 | 0.0 | 1.2 | |
| 6 | 0.5 | * | 24.5 | * | 0.5 | 6.8 | 0.0 | 1.6 | 0.0 | 3.5 | 0.0 | 4.0 | 1.0 | 5.7 | 0.0 | 1.8 | 7.0 | 3.5 | 0.5 | 1.9 | 0.0 | 1.2 | |
| 7 | 4.0 | * | 0.0 | * | 0.5 | 5.9 | 0.0 | 1.6 | 1.0 | 3.0 | 1.0 | 3.6 | 0.0 | 5.0 | 1.5 | 1.8 | 0.0 | 1.7 | 1.5 | 1.8 | 1.0 | 1.3 | |
| 8 | 1.5 | * | 0.0 | * | 1.0 | 4.9 | 1.5 | 1.7 | 15.0 | 3.4 | 2.0 | 3.4 | 0.0 | 4.5 | 0.0 | 1.7 | 21.0 | 1.5 | 0.0 | 1.7 | 35.5 | 3.9 | |
| 9 | 2.0 | * | 0.0 | * | 0.0 | 4.4 | 3.5 | 1.8 | 0.0 | 3.0 | 0.0 | 3.1 | 49.0 | 9.5 | 0.0 | 1.7 | 63.0 | 17.9 | 21.0 | 1.7 | 0.0 | 2.4 | |
| 10 | 0.5 | * | 0.0 | * | 23.0 | 4.5 | 11.5 | 1.8 | 0.0 | 2.7 | 0.0 | 2.8 | 0.0 | 6.8 | 0.0 | 1.7 | 0.0 | 7.0 | 6.5 | 2.2 | 2.5 | 2.1 | |
| 11 | 0.5 | * | 0.0 | * | 0.5 | 4.4 | 0.0 | 1.4 | 0.0 | 2.5 | 0.0 | 2.7 | 47.0 | 6.8 | 0.0 | 1.6 | 7.0 | 4.9 | 0.0 | 1.8 | 1.0 | 2.0 | |
| 12 | 1.0 | * | 0.0 | * | 17.0 | 4.2 | 0.0 | 1.3 | 0.0 | 2.4 | 5.5 | 2.6 | 15.5 | 11.4 | 0.0 | 1.4 | 4.0 | 4.2 | 0.0 | 1.7 | 0.5 | 1.6 | |
| 13 | 1.0 | * | 0.0 | * | 2.0 | 4.1 | 0.0 | 1.2 | 0.0 | 2.2 | 10.5 | 2.9 | 5.5 | 9.2 | 0.5 | 1.4 | 1.5 | 3.6 | 0.0 | 1.6 | 2.0 | 1.6 | |
| 14 | 0.5 | * | 0.0 | * | 0.2 | 3.6 | 0.5 | 1.4 | 0.0 | 2.1 | 5.0 | 2.6 | 0.0 | 7.7 | 0.0 | 1.4 | 17.0 | 3.5 | 0.0 | 1.6 | 0.0 | 1.5 | |
| 15 | 0.0 | * | 0.0 | * | 0.3 | 3.2 | 10.0 | 1.3 | 7.5 | 2.2 | 25.0 | 3.2 | 0.0 | 6.5 | 0.0 | 1.4 | 38.5 | 11.5 | 0.0 | 1.5 | 0.5 | 1.2 | |
| 16 | 0.0 | * | 0.0 | * | 7.0 | 3.3 | 5.5 | 1.5 | 1.0 | 2.1 | 15.0 | 4.8 | 0.0 | 5.7 | 0.0 | 1.4 | 0.0 | 10.4 | 0.0 | 1.5 | 0.0 | 1.1 | |
| 17 | 0.5 | * | 0.0 | * | 0.5 | 2.0 | 0.0 | 1.3 | 0.0 | 1.9 | 1.0 | 4.3 | 7.5 | 5.1 | 2.0 | 1.4 | 0.0 | 7.7 | 0.0 | 1.4 | 0.0 | 1.1 | |
| 18 | 0.0 | * | 0.0 | * | 0.1 | 2.6 | 15.0 | 1.8 | 10.0 | 1.9 | 3.0 | 3.9 | 2.5 | 4.7 | 1.5 | 1.4 | 0.5 | 6.0 | 0.0 | 1.3 | 0.5 | 1.0 | |
| 19 | 0.0 | * | 16.5 | 0.3 | 16.5 | 2.8 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 3.5 | 0.0 | 4.1 | 7.0 | 1.5 | 4.0 | 5.0 | 0.0 | 1.3 | 0.0 | 1.0 | |
| 20 | 0.0 | * | 0.0 | * | 0.5 | 0.0 | 2.4 | 18.5 | 2.1 | 55.0 | 4.9 | 3.2 | 0.0 | 3.8 | 0.0 | 1.3 | 73.5 | 13.8 | 71.0 | 4.2 | 0.0 | 1.0 | |
| 21 | 0.0 | * | 1.0 | 0.5 | 0.0 | 2.2 | 0.0 | 2.9 | 5.5 | 8.5 | 6.5 | 3.2 | 6.5 | 3.7 | 0.0 | 1.1 | 0.5 | 20.6 | 14.0 | 7.1 | 0.0 | 1.1 | |
| 22 | 0.5 | * | 0.0 | * | 10.5 | 0.5 | 3.2 | 1.0 | 2.3 | 1.5 | 5.8 | 0.0 | 3.0 | 0.0 | 3.4 | 0.0 | 1.1 | 0.0 | 12.7 | 0.0 | 4.1 | 0.0 | 1.1 |
| 23 | 0.0 | * | 0.0 | * | 0.5 | 0.4 | 0.0 | 3.2 | 2.5 | 2.1 | 42.5 | 6.7 | 0.0 | 3.2 | 0.0 | 1.1 | 0.0 | 8.8 | 0.0 | 3.3 | 0.0 | 1.0 | |
| 24 | 0.0 | * | 37.5 | 0.9 | 0.0 | 2.9 | 9.5 | 2.1 | 25.5 | 18.5 | 41.5 | 6.6 | 15.0 | 3.3 | 0.0 | 1.2 | 1.5 | 7.0 | 0.0 | 2.9 | 0.0 | 0.8 | |
| 25 | 0.0 | * | 9.0 | 3.2 | 1.0 | 2.8 | 26.0 | 2.6 | 0.0 | 14.2 | 2.5 | 10.6 | 0.0 | 3.2 | 9.5 | 1.2 | 0.5 | 5.7 | 0.0 | 2.6 | 0.0 | 0.6 | |
| 26 | 1.0 | * | 0.0 | * | 5.0 | 4.0 | 0.0 | 3.7 | 14.0 | 9.8 | 0.0 | 7.0 | 0.0 | 2.8 | 4.5 | 1.4 | 0.0 | 4.6 | 0.0 | 2.4 | 0.0 | 0.6 | |
| 27 | 1.0 | * | 0.0 | * | 3.3 | 0.0 | 2.5 | 13.0 | 3.2 | 0.0 | 7.4 | 0.0 | 5.9 | 0.0 | 2.7 | 0.0 | 1.1 | 0.0 | 3.9 | 0.0 | 2.0 | 0.7 | |
| 28 | 0.0 | * | 0.0 | * | 2.7 | 0.0 | 2.4 | 8.0 | 4.1 | 0.0 | 5.9 | 0.0 | 4.1 | 0.0 | 2.6 | 0.0 | 1.0 | 0.0 | 3.4 | 0.5 | 1.8 | 0.5 | 0.9 |
| 29 | 4.5 | * | 0.0 | * | 13.5 | 2.6 | 0.0 | 2.2 | 0.0 | 4.9 | 0.0 | 4.6 | 0.0 | 2.5 | 9.0 | 1.0 | 6.5 | 3.2 | 0.5 | 1.9 | 0.0 | 0.8 | |
| 30 | 1.0 | * | 7.0 | 5.8 | 30.5 | 2.8 | 23.5 | 4.6 | 32.5 | 5.6 | 0.0 | 4.1 | 0.0 | 2.4 | 33.5 | 2.7 | 1.0 | 3.0 | 0.0 | 1.8 | 0.0 | 0.7 | |
| 31 | 0.0 | * | 0.0 | 5.8 | 1.5 | 5.4 | 0.0 | 3.7 | 0.0 | 2.3 | 0.0 | 3.7 | 0.0 | 2.3 | 0.0 | 2.7 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| Total | 21.5 | * | 22.5 | * | 174.5 | 109.8 | 154.5 | 70.9 | 218.5 | 148.7 | 129.0 | 133.9 | 204.5 | 158.7 | 69.0 | 46.1 | 288.0 | 185.8 | 117.0 | 67.2 | 53.5 | 40.6 | 40.6 |

但し、*は欠測

表-6e. 1993年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | | |
| 1 | 0.0 | 0.6 | 0.5 | 0.4 | 0.0 | 0.8 | 2.5 | 1.3 | 0.0 | 1.4 | 0.0 | 1.7 | 6.0 | 9.9 | 0.0 | 4.6 | 0.5 | 7.3 | 2.0 | 3.5 | 0.0 | 1.6 | 0.0 | 1.5 |
| 2 | 0.0 | 0.5 | 0.0 | 0.3 | 0.0 | 0.6 | 0.0 | 1.3 | 24.5 | 1.6 | 1.0 | 1.6 | 17.5 | 8.9 | 1.5 | 4.1 | 34.0 | 7.2 | 0.5 | 3.0 | 0.0 | 1.5 | 0.0 | 1.5 |
| 3 | 0.0 | 0.6 | 0.0 | 0.6 | 0.0 | 0.6 | 0.0 | 1.3 | 3.0 | 3.1 | 7.0 | 1.7 | 45.5 | 25.3 | 25.0 | 4.9 | 14.0 | 9.2 | 19.0 | 3.1 | 0.0 | 1.5 | 3.5 | 1.5 |
| 4 | 0.0 | 0.6 | 0.5 | 0.4 | 0.0 | 0.6 | 9.0 | 1.4 | 0.0 | 2.4 | 0.0 | 1.6 | 0.0 | 15.7 | 0.5 | 4.2 | 76.5 | 36.6 | 8.5 | 4.7 | 0.0 | 1.5 | 1.0 | 1.5 |
| 5 | 0.0 | 0.5 | 0.0 | 0.4 | 0.0 | 0.7 | 7.5 | 1.8 | 0.0 | 2.3 | 1.0 | 1.5 | 53.0 | 20.4 | 2.0 | 3.8 | 0.0 | 22.0 | 0.0 | 3.4 | 0.0 | 1.4 | 0.0 | 1.4 |
| 6 | 0.0 | 0.4 | 11.5 | 0.8 | 0.0 | 0.8 | 0.0 | 1.4 | 0.0 | 2.2 | 0.5 | 1.4 | 0.0 | 17.7 | 22.0 | 5.9 | 0.5 | 13.5 | 0.0 | 3.0 | 0.0 | 1.4 | 0.5 | 1.2 |
| 7 | 37.0 | 0.8 | 3.0 | 1.9 | 1.5 | 0.8 | 0.0 | 1.3 | 0.0 | 2.2 | 0.0 | 1.4 | 16.0 | 14.5 | 2.0 | 5.3 | 28.5 | 11.3 | 2.5 | 2.7 | 0.5 | 1.4 | 0.0 | 1.3 |
| 8 | 0.5 | 1.1 | 0.5 | 1.4 | 0.0 | 0.7 | 0.0 | 1.2 | 0.0 | 2.0 | 0.0 | 1.4 | 0.5 | 11.0 | 1.0 | 4.9 | 14.5 | 10.9 | 65.5 | 11.7 | 5.0 | 1.4 | 0.5 | 1.3 |
| 9 | 0.0 | 0.6 | 0.0 | 0.8 | 0.0 | 0.6 | 0.0 | 1.0 | 2.0 | 1.9 | 18.5 | 1.6 | 0.5 | 8.9 | 1.5 | 4.6 | 74.5 | 26.9 | 0.0 | 14.9 | 0.5 | 1.3 | 0.5 | 1.2 |
| 10 | 2.0 | 0.7 | 0.0 | 0.7 | 1.0 | 0.6 | 0.0 | 0.9 | 49.0 | 2.7 | 4.5 | 1.4 | 0.5 | 7.4 | 14.0 | 4.7 | 29.0 | 28.6 | 0.0 | 9.9 | 0.0 | 1.3 | 31.5 | 1.4 |
| 11 | 0.5 | 0.6 | 0.0 | 0.6 | 0.0 | 0.5 | 0.5 | 0.9 | 3.5 | 7.9 | 1.5 | 1.3 | 0.0 | 6.3 | 41.0 | 16.0 | 0.0 | 18.9 | 0.0 | 7.4 | 0.0 | 1.2 | 6.0 | 2.2 |
| 12 | 0.0 | 0.5 | 0.0 | 0.6 | 0.0 | 0.5 | 6.0 | 1.0 | 0.0 | 5.2 | 0.0 | 1.3 | 2.5 | 5.6 | 0.0 | 11.1 | 0.0 | 13.8 | 0.0 | 6.0 | 0.0 | 1.2 | 0.5 | 1.5 |
| 13 | 0.0 | 0.5 | 0.0 | 0.6 | 1.0 | 0.5 | 0.0 | 0.9 | 0.0 | 4.9 | 2.0 | 1.2 | 2.5 | 5.0 | 0.0 | 8.3 | 1.0 | 10.7 | 0.5 | 5.2 | 64.0 | 3.0 | 0.0 | 1.3 |
| 14 | 3.0 | 0.5 | 1.5 | 0.5 | 4.0 | 0.5 | 0.0 | 0.9 | 42.0 | 6.5 | 6.5 | 1.4 | 2.0 | 4.5 | 0.5 | 6.8 | 23.0 | 10.0 | 3.5 | 4.7 | 0.5 | 6.8 | 0.5 | 1.2 |
| 15 | 0.5 | 0.5 | 0.0 | 0.5 | 1.0 | 0.5 | 0.0 | 1.0 | 0.0 | 6.3 | 4.5 | 1.5 | 4.0 | 4.3 | 1.5 | 5.9 | 0.0 | 8.4 | 1.0 | 4.3 | 0.0 | 3.0 | 0.5 | 1.3 |
| 16 | 0.0 | 0.5 | 0.0 | 0.5 | 8.0 | 0.5 | 0.0 | 1.0 | 0.0 | 5.5 | 0.0 | 1.5 | 0.5 | 3.9 | 26.0 | 6.6 | 0.0 | 7.2 | 0.0 | 3.8 | 0.0 | 2.5 | 0.0 | 1.1 |
| 17 | 0.5 | 0.5 | 17.0 | 0.7 | 0.0 | 0.4 | 0.0 | 1.0 | 0.0 | 4.8 | 0.0 | 1.4 | 0.5 | 3.5 | 18.0 | 6.1 | 0.0 | 6.3 | 1.0 | 3.6 | 0.0 | 2.3 | 0.0 | 1.0 |
| 18 | 0.0 | 0.4 | 0.0 | 0.8 | 0.0 | 0.4 | 0.0 | 1.1 | 0.0 | 4.3 | 0.5 | 1.3 | 2.0 | 3.4 | 4.0 | 6.1 | 0.0 | 5.8 | 0.0 | 3.3 | 0.0 | 2.1 | 0.0 | 1.0 |
| 19 | 0.0 | 0.4 | 0.0 | 0.7 | 0.0 | 0.4 | 0.0 | 1.1 | 0.0 | 3.9 | 23.5 | 1.5 | 29.5 | 4.1 | 0.5 | 5.5 | 0.0 | 5.2 | 0.0 | 3.0 | 0.0 | 2.1 | 0.0 | 0.8 |
| 20 | 0.5 | 0.3 | 0.0 | 0.6 | 4.5 | 0.4 | 0.0 | 1.1 | 0.0 | 3.4 | 16.0 | 2.1 | 5.0 | 5.1 | 0.5 | 5.1 | 0.0 | 4.7 | 0.0 | 2.8 | 6.0 | 1.9 | 7.5 | 0.8 |
| 21 | 0.0 | 0.3 | 22.5 | 0.6 | 0.5 | 0.4 | 0.0 | 1.0 | 0.0 | 3.1 | 29.0 | 4.8 | 3.5 | 4.6 | 0.0 | 4.8 | 0.0 | 4.3 | 1.0 | 2.7 | 13.0 | 2.5 | 3.0 | 1.0 |
| 22 | 0.0 | 0.3 | 5.0 | 2.0 | 0.0 | 0.5 | 4.0 | 1.0 | 1.5 | 2.8 | 0.0 | 3.9 | 0.0 | 4.4 | 0.0 | 4.5 | 29.0 | 4.9 | 0.0 | 2.5 | 0.0 | 2.1 | 0.0 | 0.8 |
| 23 | 0.0 | 0.3 | 0.0 | 1.5 | 0.0 | 0.6 | 0.0 | 1.2 | 0.0 | 2.7 | 32.0 | 4.6 | 1.5 | 4.2 | 0.0 | 4.3 | 12.0 | 5.4 | 0.0 | 2.4 | 0.0 | 1.9 | 0.0 | 0.6 |
| 24 | 0.5 | 0.3 | 0.0 | 1.0 | 11.5 | 0.7 | 0.0 | 1.3 | 0.0 | 2.4 | 2.5 | 5.7 | 16.0 | 4.7 | 0.0 | 4.0 | 0.0 | 5.1 | 0.0 | 2.1 | 0.5 | 1.8 | 0.0 | 0.6 |
| 25 | 8.5 | 0.3 | 0.0 | 0.8 | 0.0 | 1.4 | 1.0 | 1.3 | 0.0 | 2.4 | 0.5 | 4.4 | 27.0 | 8.1 | 0.0 | 3.8 | 2.0 | 4.6 | 0.0 | 2.0 | 0.0 | 1.7 | 0.0 | 0.7 |
| 26 | 11.5 | 0.4 | 0.0 | 0.8 | 0.0 | 1.1 | 0.0 | 1.1 | 0.0 | 2.2 | 6.0 | 3.9 | 25.5 | 15.1 | 51.5 | 5.4 | 0.0 | 4.2 | 0.0 | 1.9 | 0.5 | 1.6 | 0.0 | 0.7 |
| 27 | 5.0 | 0.4 | 0.0 | 0.8 | 0.0 | 1.1 | 0.0 | 1.2 | 0.0 | 2.0 | 0.0 | 3.0 | 0.0 | 11.0 | 125.0 | 58.3 | 0.0 | 3.8 | 0.0 | 1.7 | 0.0 | 1.6 | 0.0 | 0.8 |
| 28 | 0.5 | 0.4 | 6.0 | 1.0 | 15.0 | 1.0 | 16.0 | 1.2 | 0.0 | 2.0 | 0.0 | 3.0 | 0.0 | 8.3 | 0.0 | 35.6 | 0.0 | 3.5 | 0.0 | 1.6 | 0.0 | 1.5 | 0.0 | 0.7 |
| 29 | 0.0 | 0.3 | | 2.0 | 1.0 | 12.5 | 1.6 | 0.0 | 1.9 | 36.5 | 4.6 | 0.0 | 6.7 | 0.0 | 16.6 | 0.0 | 3.5 | 0.0 | 1.6 | 0.0 | 1.5 | 0.0 | 0.6 | |
| 30 | 0.5 | 0.4 | | 0.0 | 0.9 | 0.5 | 1.4 | 0.0 | 1.9 | 26.0 | 7.7 | 4.0 | 5.8 | 0.0 | 11.3 | 9.0 | 3.5 | 19.0 | 2.0 | 2.0 | 0.0 | 1.4 | 0.0 | 0.6 |
| 31 | 0.0 | 0.4 | | 4.5 | 0.9 | 0.9 | 0.0 | 1.8 | 0.0 | 0.0 | 0.5 | 5.2 | 0.0 | 8.7 | 0.0 | 8.7 | 0.0 | 3.5 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 0.7 |
| Total | 71.0 | 14.7 | 68.0 | 21.8 | 54.5 | 21.2 | 59.5 | 35.4 | 125.5 | 99.7 | 219.5 | 75.8 | 266.0 | 263.6 | 338.0 | 281.7 | 348.0 | 307.3 | 124.0 | 126.5 | 90.5 | 58.2 | 55.5 | 33.6 |

表-6f. 1994年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 0.6 | 5.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0 | 0.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 0.0 | 0.5 | 1.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.0 | 0.6 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 0.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | 0.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | 0.0 | 0.5 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 0.0 | 0.4 | 0.5 | 0.5 | 14.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 0.0 | 0.4 | 5.5 | 0.6 | 12.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 0.0 | 0.4 | 0.0 | 0.5 | 18.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.0 | 0.5 | 0.0 | 0.4 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 0.0 | 0.5 | 0.0 | 0.4 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13 | 1.0 | 0.4 | 1.5 | 0.4 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14 | 18.5 | 0.4 | 2.5 | 0.4 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15 | 0.0 | 0.4 | 0.0 | * | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 0.0 | 0.4 | 0.5 | * | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17 | 21.5 | 0.8 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18 | 12.0 | 1.5 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 19 | 4.0 | 0.8 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 | 0.5 | 0.6 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21 | 0.0 | 0.6 | 12.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22 | 0.5 | 0.5 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23 | 0.5 | 0.5 | 0.0 | * | 36.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24 | 0.0 | 0.4 | 0.0 | * | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25 | 0.0 | 0.5 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26 | 0.0 | 0.5 | 0.0 | * | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27 | 0.0 | 0.6 | 0.0 | * | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 | 0.0 | 0.5 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29 | 0.5 | 0.5 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30 | 1.0 | 0.4 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31 | 0.5 | 0.4 | 0.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 60.5 | 16.4 | 30.0 | * | 94.0 | * | 0.0 | * | 114.5 | * | 45.0 | * |

但し、*は欠測

表-6g. 1995年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|------|------|------|------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | |
| 1 | * | * | * | * | * | * | 6.0 | * | 0.0 | * | 1.8 | 7.5 | 2.5 | 0.0 | 1.4 | 0.0 | 0.7 | | |
| 2 | * | * | * | * | * | * | 0.0 | * | 3.0 | * | 0.0 | 1.7 | 32.5 | 5.3 | 0.0 | 1.2 | 0.0 | 0.7 | |
| 3 | * | * | * | * | * | * | 10.0 | * | 0.0 | * | 0.0 | 1.7 | 0.0 | 3.3 | 0.0 | 1.2 | 0.0 | 0.7 | |
| 4 | * | * | * | * | * | * | 18.0 | * | 0.0 | * | 0.0 | 1.7 | 0.0 | 3.0 | 0.0 | 1.3 | 0.0 | 0.8 | |
| 5 | * | * | * | * | * | * | 46.0 | * | 0.0 | * | 0.0 | 1.6 | 0.5 | 2.8 | 0.0 | 1.2 | 0.0 | 0.7 | |
| 6 | * | * | * | * | * | * | 17.0 | * | 26.5 | * | 0.0 | 1.6 | 0.0 | 2.5 | 0.0 | 1.2 | 0.0 | 0.7 | |
| 7 | * | * | * | * | * | * | 1.0 | * | 1.0 | * | 0.0 | 1.5 | 0.5 | 2.0 | 33.0 | 1.3 | 0.0 | 0.7 | |
| 8 | * | * | * | * | * | * | 25.5 | * | 0.0 | * | 0.0 | 1.4 | 32.5 | 3.2 | 6.0 | 2.6 | 0.0 | 0.6 | |
| 9 | * | * | * | * | * | * | 1.5 | * | 0.0 | * | 0.0 | 1.3 | 0.5 | 3.2 | 0.0 | 1.4 | 0.0 | 0.6 | |
| 10 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 0.0 | 1.4 | 0.0 | 2.7 | 0.0 | 1.3 | 0.0 | 0.6 | |
| 11 | * | * | * | * | * | * | 0.5 | * | 0.0 | * | 0.0 | 1.5 | 0.0 | 2.6 | 0.0 | 1.3 | 0.0 | 0.6 | |
| 12 | * | * | * | * | * | * | 8.0 | * | 0.0 | * | 0.0 | 1.4 | 0.0 | 2.5 | 0.0 | 1.2 | 0.0 | 0.7 | |
| 13 | * | * | * | * | * | * | 0.0 | * | 1.0 | * | 0.0 | 1.3 | 0.0 | 2.4 | 0.0 | 1.2 | 0.0 | 0.6 | |
| 14 | * | * | * | * | * | * | 11.0 | * | 0.0 | * | 17.0 | 1.4 | 0.0 | 2.2 | 1.5 | 1.3 | 2.5 | 0.6 | |
| 15 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 20.0 | 2.2 | 0.0 | 2.2 | 0.5 | 1.2 | 1.0 | 0.7 | |
| 16 | * | * | * | * | * | * | 2.0 | * | 1.0 | * | 88.0 | 7.4 | 0.0 | 2.2 | 0.0 | 1.0 | 1.5 | 0.7 | |
| 17 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 83.0 | 32.9 | 0.0 | 2.3 | 0.0 | 1.1 | 0.5 | 0.6 | |
| 18 | * | * | * | * | * | * | 4.5 | * | 0.0 | * | 0.0 | 12.8 | 0.0 | 2.2 | 0.0 | 1.0 | 0.0 | 0.6 | |
| 19 | * | * | * | * | * | * | 0.5 | * | 0.0 | * | 0.0 | 7.6 | 0.0 | 2.2 | 0.0 | 1.0 | 0.0 | 0.6 | |
| 20 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 0.0 | 5.6 | 0.0 | 2.0 | 18.0 | 1.3 | 0.0 | 0.5 | |
| 21 | * | * | * | * | * | * | 6.5 | * | 0.0 | * | 0.0 | 4.5 | 0.0 | 1.8 | 0.0 | 1.2 | 0.0 | 0.5 | |
| 22 | * | * | * | * | * | * | 7.0 | * | 4.5 | * | 0.0 | 3.9 | 0.0 | 1.7 | 0.0 | 1.0 | 0.0 | 0.5 | |
| 23 | * | * | * | * | * | * | 0.0 | * | 16.5 | * | 0.0 | 3.6 | 0.0 | 1.8 | 0.5 | 1.1 | 0.0 | 0.5 | |
| 24 | * | * | * | * | * | * | 1.5 | * | 0.0 | * | 2.4 | 19.0 | 3.7 | 14.5 | 1.7 | 0.0 | 1.1 | 0.5 | 0.5 |
| 25 | * | * | * | * | * | * | 8.0 | * | 0.0 | * | 3.5 | 5.5 | 2.1 | 0.0 | 1.0 | 2.5 | 0.4 | 0.4 | 0.4 |
| 26 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 0.5 | 3.2 | 0.0 | 1.7 | 0.0 | 0.9 | 0.5 | 0.3 | 0.3 |
| 27 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 3.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.9 | 0.5 | 0.3 | 0.3 |
| 28 | * | * | * | * | * | * | 0.0 | * | 0.0 | * | 1.8 | 0.0 | 0.0 | 1.5 | 0.0 | 0.9 | 0.0 | 0.3 | 0.3 |
| 29 | * | * | * | * | * | * | 23.0 | * | 0.5 | * | 1.7 | 0.0 | 2.6 | 0.0 | 1.5 | 0.0 | 0.8 | 0.5 | 0.4 |
| 30 | * | * | * | * | * | * | 0.0 | * | 7.0 | * | 1.7 | 0.0 | 2.6 | 0.0 | 1.5 | 0.0 | 0.8 | 0.5 | 0.4 |
| 31 | * | * | * | * | * | * | 0.0 | * | 4.5 | * | 1.9 | 0.0 | 2.6 | 0.0 | 1.5 | 0.0 | 0.8 | 0.5 | 0.3 |
| Total | * | * | * | * | * | * | 205.5 | * | 65.5 | * | 227.5 | 123.0 | 94.0 | 71.7 | 59.5 | 35.4 | 10.5 | 17.4 | 17.4 |

但し、*は欠測

表-6h. 1996年の矢竹沢流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|-----|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | |
| 1 | 0.0 | 0.3 | 0.0 | 0.1 | 11.5 | 0.4 | 8.5 | 2.8 | 0.0 | * | 0.0 | * | 0.0 | * | 25.5 | * | 0.0 | * | 7.0 | 11.0 | 17.5 | 3.1 | 0.0 | 1.2 | |
| 2 | 0.0 | 0.3 | 0.0 | 0.1 | 1.0 | 0.4 | 6.5 | 2.1 | 5.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 5.5 | * | 0.0 | 10.2 | 17.5 | 3.3 | 0.0 | 1.1 | |
| 3 | 0.0 | 0.4 | 0.5 | 0.1 | 0.5 | 0.3 | 2.0 | 1.7 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 6.5 | 9.6 | 5.0 | 3.1 | 0.0 | 1.1 | |
| 4 | 0.0 | 0.3 | 0.0 | 0.1 | 0.5 | 0.3 | 0.5 | 1.6 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 9.0 | 0.0 | 3.0 | 0.0 | 1.1 | |
| 5 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 1.5 | 28.0 | * | 0.0 | * | 2.0 | * | 0.0 | * | 0.0 | * | 0.0 | 8.5 | 0.5 | 2.9 | 31.0 | 2.0 | |
| 6 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 1.5 | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 2.6 | 0.0 | 8.1 | 2.0 | 2.8 | 1.8 | |
| 7 | 0.0 | 0.3 | 0.0 | 0.1 | 1.0 | 0.2 | 0.0 | 1.5 | .0 | * | 1.0 | * | 4.5 | * | 1.0 | * | 0.0 | * | 2.5 | 0.0 | 7.8 | 0.0 | 2.4 | 1.4 | |
| 8 | 10.0 | 0.4 | 0.5 | 0.1 | 3.0 | 0.2 | 0.0 | 1.4 | 0.0 | * | 4.5 | * | 51.5 | * | 0.0 | * | 0.0 | * | 2.4 | 49.0 | 10.9 | 1.0 | 2.4 | 0.0 | 1.3 |
| 9 | 1.0 | 0.3 | 0.0 | 0.2 | 1.0 | 0.3 | 0.0 | 1.3 | 27.0 | * | 2.0 | * | 4.0 | * | 0.0 | * | 32.5 | * | 3.3 | 0.0 | 10.7 | 0.0 | 2.6 | 0.0 | 1.3 |
| 10 | 0.5 | 0.3 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 | 1.2 | 0.0 | * | 8.0 | * | 28.0 | * | 0.0 | * | 10.5 | * | 4.9 | 0.0 | 9.7 | 0.0 | 2.6 | 0.0 | 1.3 |
| 11 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 3.8 | 0.0 | 9.2 | 3.5 | 2.5 | 0.0 | 1.4 |
| 12 | 0.0 | 0.3 | 0.0 | 0.2 | 1.5 | 0.3 | 0.0 | 1.0 | 6.5 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 3.3 | 7.5 | 8.9 | 6.5 | 2.7 | 0.0 | 1.3 |
| 13 | 0.0 | 0.3 | 0.5 | 0.2 | 0.5 | 0.3 | 0.0 | 0.9 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 22.0 | * | 3.1 | 0.5 | 8.8 | 0.0 | 2.2 | 0.0 | 1.3 |
| 14 | 0.5 | 0.3 | 0.0 | 0.4 | 0.5 | 0.4 | 0.0 | 1.0 | 0.0 | * | 0.0 | * | 1.0 | * | 13.5 | * | 49.0 | * | 11.1 | 19.0 | 9.1 | 0.0 | 1.9 | 0.0 | 1.3 |
| 15 | 0.5 | 0.5 | 0.0 | 0.5 | 32.5 | 0.4 | 0.0 | 1.1 | 0.0 | * | 0.0 | * | 7.5 | * | 32.0 | * | 1.5 | * | 13.7 | 0.5 | 9.6 | 0.0 | 2.0 | 0.0 | 1.2 |
| 16 | 7.0 | 0.7 | 12.5 | 0.3 | 1.0 | 0.7 | 30.5 | 1.8 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 10.0 | 0.0 | 8.7 | 0.0 | 1.8 | 0.0 | 1.3 |
| 17 | 0.0 | 0.5 | 7.5 | 0.2 | 36.0 | 3.3 | 1.0 | 2.3 | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 1.0 | * | 7.7 | 0.0 | 8.1 | 0.0 | 1.8 | 1.0 | 1.3 |
| 18 | 0.0 | 0.4 | 20.0 | 0.2 | 0.0 | 2.2 | 3.5 | 2.0 | 0.0 | * | 13.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 6.4 | 0.0 | 7.9 | 1.0 | 2.0 | 4.5 | 1.5 |
| 19 | 0.0 | 0.3 | 0.5 | 0.1 | 0.5 | 1.2 | 0.0 | 1.7 | 0.0 | * | 0.0 | * | 30.5 | * | 0.0 | * | 0.0 | * | 5.6 | 1.0 | 7.8 | 0.0 | 1.8 | 1.5 | 1.2 |
| 20 | 2.0 | 0.3 | 0.5 | 0.1 | 0.0 | 0.9 | 4.5 | 1.6 | 0.0 | * | 0.0 | * | 3.0 | * | 0.0 | * | 19.0 | * | 5.3 | 0.0 | 7.4 | 6.5 | 1.6 | 0.0 | 1.0 |
| 21 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.9 | 1.0 | 1.4 | 0.0 | * | 0.0 | * | 69.5 | * | 0.0 | * | 8.5 | * | 5.7 | 0.0 | 6.8 | 0.5 | 1.9 | 0.0 | 1.0 |
| 22 | 0.5 | 0.3 | 0.5 | 0.1 | 10.5 | 1.7 | 4.5 | * | 7.5 | * | 4.0 | * | 8.5 | * | 0.0 | * | 160.5 | * | 58.8 | 0.0 | 6.5 | 0.0 | 1.7 | 0.0 | 1.0 |
| 23 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 1.5 | 1.0 | * | 0.5 | * | 18.0 | * | 6.5 | * | 0.0 | * | 0.5 | * | 40.5 | 0.0 | 6.4 | 0.0 | 1.6 | 2.5 | 1.0 |
| 24 | 0.5 | 0.2 | 0.0 | 0.1 | 0.0 | 1.2 | 0.0 | * | 0.0 | * | 5.0 | * | 0.0 | * | 9.0 | * | 0.0 | * | 21.3 | 0.0 | 6.3 | 0.0 | 1.6 | 0.0 | 0.9 |
| 25 | 1.0 | 0.2 | 9.0 | 0.2 | 10.5 | 1.5 | 0.0 | * | 0.0 | * | 6.5 | * | 0.0 | * | 1.0 | * | 0.5 | * | 15.7 | 0.0 | 6.3 | 0.0 | 1.6 | 0.0 | 0.9 |
| 26 | 0.5 | 0.2 | 6.0 | 0.2 | 0.0 | 1.5 | 0.0 | * | 0.0 | * | 36.5 | * | 0.0 | * | 0.0 | * | 0.0 | * | 12.8 | 0.0 | 6.2 | 0.0 | 1.6 | 0.0 | 1.0 |
| 27 | 0.0 | 0.1 | 0.5 | 0.2 | 0.0 | 1.2 | 0.0 | * | 0.0 | * | 0.5 | * | 0.0 | * | 7.0 | * | 0.0 | * | 10.7 | 0.0 | 5.8 | 6.5 | 1.6 | 0.5 | 0.9 |
| 28 | 0.0 | 0.2 | 0.5 | 0.2 | 0.0 | 1.2 | 0.0 | * | 0.0 | * | 1.0 | * | 7.0 | * | 10.0 | * | 0.0 | * | 9.1 | 1.0 | 5.6 | 0.5 | 1.6 | 0.0 | 0.9 |
| 29 | 0.5 | 0.2 | 0.0 | 0.2 | 0.0 | 1.1 | 0.0 | * | 0.0 | * | 0.0 | * | 6.0 | * | 5.5 | * | 0.0 | * | 8.5 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.9 |
| 30 | 0.0 | 0.2 | | | 38.0 | 2.6 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 14.0 | * | 45.0 | * | 10.3 | 0.0 | 0.0 | 0.0 | 1.4 | 0.5 | 0.9 |
| 31 | 0.5 | 0.1 | | | 0.0 | 4.3 | * | 0.0 | * | 0.0 | * | 11.0 | * | 3.5 | * | | | | 1.0 | 6.0 | | | 0.0 | 0.0 | 0.9 |
| Total | 25.0 | 9.4 | 59.0 | 5.0 | 150.0 | 31.4 | 63.5 | * | 75.0 | * | 100.5 | * | 240.5 | * | 122.0 | * | 356.0 | * | 93.0 | 236.9 | 68.5 | 64.5 | 42.0 | 36.8 | |

但し、*は欠測

表-6i. 1997年の矢竹沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 1.0 | 0.4 | 0.0 | 0.7 | 0.0 | 1.8 | 0.0 | 1.9 | 0.0 | 3.8 | 0.0 |
| 2 | 0.0 | 1.1 | 1.0 | 0.4 | 0.5 | 0.6 | 0.0 | 1.7 | 0.0 | 1.8 | 0.0 | 3.3 |
| 3 | 0.5 | 0.9 | 0.5 | 0.4 | 0.0 | 0.5 | 1.7 | 9.5 | 1.7 | 0.0 | 3.1 | 0.0 |
| 4 | 0.0 | 0.8 | 0.5 | 0.4 | 0.0 | 0.5 | 5.0 | 1.7 | 0.0 | 1.8 | 5.0 | 3.0 |
| 5 | 7.5 | 0.7 | 1.0 | 0.4 | 0.0 | 0.5 | 5.5 | 1.7 | 0.0 | 1.9 | 1.5 | 2.9 |
| 6 | 7.0 | 0.8 | 0.0 | 0.4 | 0.5 | 0.6 | 67.0 | 4.0 | 0.0 | 1.9 | 6.0 | 2.6 |
| 7 | 0.0 | 0.8 | 0.5 | 0.4 | 0.0 | 0.7 | 38.0 | 14.8 | 0.0 | 1.8 | 0.0 | 2.5 |
| 8 | 0.5 | 0.7 | 0.5 | 0.4 | 0.0 | 0.7 | 0.0 | 14.5 | 11.0 | 1.9 | 0.5 | 2.3 |
| 9 | 0.0 | 0.7 | 0.5 | 0.5 | 0.6 | 0.0 | 8.9 | 2.0 | 2.0 | 3.0 | 2.2 | 9.5 |
| 10 | 0.0 | 0.7 | 0.5 | 0.5 | 0.6 | 0.0 | 6.2 | 0.0 | 1.6 | 6.0 | 2.4 | 30.5 |
| 11 | 0.0 | 0.6 | 0.0 | 0.4 | 0.0 | 0.8 | 0.0 | 4.9 | 0.0 | 1.7 | 24.5 | 3.7 |
| 12 | 0.0 | 0.6 | 0.5 | 0.4 | 0.5 | 0.7 | 0.0 | 4.0 | 0.0 | 1.6 | 5.5 | 3.1 |
| 13 | 0.5 | 0.6 | 0.0 | 0.4 | 0.0 | 0.6 | 0.0 | 3.6 | 1.5 | 1.6 | 0.5 | 2.8 |
| 14 | 0.0 | 0.5 | 0.5 | 0.4 | 0.0 | 0.7 | 0.0 | 3.2 | 17.5 | 1.9 | 0.0 | 2.6 |
| 15 | 0.0 | 0.5 | 0.4 | 0.5 | 0.8 | 0.0 | 2.8 | 4.0 | 2.1 | 0.0 | 2.4 | 0.0 |
| 16 | 0.0 | 0.5 | 10.0 | 0.4 | 3.5 | 0.7 | 0.0 | 2.6 | 0.0 | 2.0 | 1.0 | 2.4 |
| 17 | 0.0 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.0 | 2.4 | 0.0 | 1.9 | 0.5 | 2.3 |
| 18 | 0.5 | 0.6 | 0.0 | 0.4 | 0.5 | 0.8 | 0.5 | 2.4 | 0.0 | 1.6 | 10.0 | 2.4 |
| 19 | 0.0 | 0.5 | 0.5 | 0.3 | 1.0 | 0.7 | 0.0 | 2.3 | 0.0 | 1.5 | 1.5 | 2.6 |
| 20 | 0.0 | 0.5 | 0.5 | 0.4 | 0.0 | 0.7 | 0.0 | 2.2 | 6.5 | 1.5 | 91.5 | 19.0 |
| 21 | 0.0 | 0.5 | 0.0 | 0.3 | 10.0 | 0.7 | 2.5 | 2.1 | 8.0 | 1.5 | 0.0 | 14.6 |
| 22 | 0.0 | 0.4 | 0.5 | 0.2 | 0.0 | 0.9 | 3.5 | 2.1 | 21.0 | 3.6 | 0.5 | 9.6 |
| 23 | 0.5 | 0.4 | 0.0 | 0.3 | 0.0 | 0.8 | 1.5 | 1.9 | 0.0 | 2.3 | 0.5 | * |
| 24 | 7.0 | 0.5 | 0.5 | 0.4 | 3.0 | 0.8 | 0.0 | 1.7 | 26.5 | 2.5 | 0.0 | * |
| 25 | 1.5 | 0.5 | 0.0 | 0.5 | 0.0 | 0.8 | 0.0 | 1.7 | 9.5 | 5.5 | 0.0 | * |
| 26 | 0.0 | 0.5 | 0.5 | 0.7 | 8.5 | 0.8 | 0.0 | 1.7 | 6.0 | 5.7 | 0.0 | * |
| 27 | 0.5 | 0.4 | 0.0 | 0.6 | 4.5 | 0.8 | 0.0 | 1.8 | 3.5 | 6.6 | 0.0 | * |
| 28 | 0.0 | 0.5 | 0.5 | 0.6 | 0.0 | 0.9 | 5.5 | 1.7 | 6.0 | 6.2 | 66.5 | * |
| 29 | 0.0 | 0.4 | | | 42.0 | 1.1 | 0.0 | 1.9 | 0.0 | 5.3 | 3.5 | * |
| 30 | 0.0 | 0.4 | | | 0.0 | 5.4 | 1.0 | 1.9 | 0.0 | 4.6 | 0.0 | * |
| 31 | 2.0 | 0.4 | | | 0.0 | 2.4 | | 1.0 | 4.1 | | * | 0.5 |
| Total | 28.0 | 18.3 | 20.0 | 11.4 | 76.0 | 28.7 | 130.5 | 106.0 | 133.5 | 83.7 | 228.0 | * |
| | | | | | | | | | | | | 163.0 |
| | | | | | | | | | | | | 43.5 |
| | | | | | | | | | | | | 93.8 |
| | | | | | | | | | | | | 199.0 |
| | | | | | | | | | | | | 141.2 |
| | | | | | | | | | | | | * |
| | | | | | | | | | | | | * |

但し、*は欠測、10/15で量水観測終了

表-7a. 1990年の大血川東谷流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 5.5 | 1.1 | 0.5 | * | * | 0.0 | 2.0 | 0.0 | 8.7 | 0.0 | * | 1.0 |
| 2 | 27.5 | 2.2 | 0.5 | * | * | 5.5 | 0.0 | 0.0 | 8.7 | 0.0 | * | 0.0 |
| 3 | 3.5 | 2.4 | 0.0 | * | * | 0.0 | 8.5 | 0.0 | 8.6 | 0.0 | * | 0.0 |
| 4 | 6.0 | 3.0 | 4.0 | * | * | 0.0 | 8.5 | 5.0 | 8.7 | 0.0 | * | 58.5 |
| 5 | 0.0 | 2.1 | 0.0 | * | * | 12.5 | 0.0 | 0.0 | 8.6 | 0.0 | * | 0.5 |
| 6 | 0.0 | 1.6 | 0.0 | * | * | 0.0 | 0.0 | 0.0 | 8.6 | 0.0 | * | 1.5 |
| 7 | 0.0 | 1.5 | 0.0 | * | * | 0.0 | 3.0 | 0.0 | 8.5 | 8.5 | * | 0.0 |
| 8 | 0.0 | 0.9 | 13.5 | * | * | 0.0 | 1.0 | 0.0 | 8.5 | 0.0 | * | 1.0 |
| 9 | 0.0 | 0.8 | * | * | * | 7.0 | 0.0 | 55.5 | 12.2 | 0.0 | * | 0.0 |
| 10 | 0.0 | 0.7 | * | * | * | 0.0 | 0.0 | 281.0 | 72.9 | 0.0 | * | 7.0 |
| 11 | 0.0 | 0.6 | * | * | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.5 |
| 12 | 17.5 | 1.7 | * | * | * | 26.0 | 1.0 | 2.5 | 0.0 | 0.0 | * | 0.0 |
| 13 | 0.0 | 0.9 | * | * | * | 0.0 | 22.0 | 0.0 | 108.5 | * | * | 6.0 |
| 14 | 0.0 | 0.7 | * | * | * | 0.0 | 0.5 | 0.0 | 4.0 | 0.0 | * | 0.0 |
| 15 | 0.5 | 0.7 | * | * | * | 1.0 | 0.0 | 0.0 | 14.5 | * | * | 1.5 |
| 16 | 0.0 | 0.6 | * | * | * | 15.5 | 0.0 | 0.0 | 6.5 | * | * | 0.0 |
| 17 | 0.0 | 0.5 | * | * | * | 0.0 | 0.5 | 1.5 | 2.5 | * | * | 0.5 |
| 18 | 2.0 | 0.5 | * | * | * | 0.0 | 0.0 | 0.0 | 0.5 | * | * | 0.0 |
| 19 | 4.5 | 0.5 | * | * | * | 0.0 | 0.0 | 0.0 | 53.0 | * | * | 0.0 |
| 20 | 0.0 | 0.5 | * | * | * | 2.0 | 0.0 | 0.0 | 57.5 | * | * | 1.5 |
| 21 | 0.0 | 0.5 | * | * | * | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | * | 3.5 |
| 22 | 0.0 | * | * | * | * | 0.0 | 7.5 | 8.7 | 0.0 | 0.0 | * | 0.0 |
| 23 | 0.0 | * | * | * | * | 0.0 | 0.5 | 10.5 | 0.0 | 0.0 | * | 0.0 |
| 24 | 0.0 | * | * | * | * | 0.5 | 9.5 | 9.6 | 0.0 | 0.0 | * | 0.0 |
| 25 | 0.0 | * | * | * | * | 0.5 | 3.5 | 9.8 | 0.0 | 3.0 | * | 0.0 |
| 26 | 0.0 | * | * | * | * | 7.0 | 4.5 | 9.4 | 1.0 | 103.0 | * | 0.0 |
| 27 | 0.0 | * | * | * | * | 2.0 | 0.0 | 9.1 | 0.0 | 6.0 | * | 0.5 |
| 28 | 2.0 | * | * | * | 0.0 | 1.0 | 0.0 | 9.0 | 0.5 | 0.0 | * | 39.5 |
| 29 | 14.0 | * | * | * | 0.0 | 2.5 | 0.0 | 8.9 | 0.0 | 0.5 | * | 57.0 |
| 30 | 0.0 | * | * | * | 0.0 | 0.0 | 0.0 | 8.8 | 0.0 | 145.5 | * | 155.5 |
| 31 | 30.5 | * | * | 0.0 | 0.0 | 0.0 | 8.7 | 0.0 | * | 8.5 | * | * |
| Total | 113.5 | * | * | * | * | 84.0 | 72.5 | 347.0 | 513.5 | 166.0 | * | 326.5 |

但し、流量、雨量とも2/28より観測開始、*は欠測

表-7b. 1991年の大血川東谷流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | * | 0.0 | 0.0 | 2.5 | * | 0.5 | * | 16.5 | * | 62.0 | * | 3.0 |
| 2 | * | 0.0 | 0.0 | 0.5 | * | 15.0 | * | 0.5 | * | 0.0 | * | 0.5 |
| 3 | * | 0.0 | 0.0 | 0.5 | * | 7.0 | * | 0.0 | * | 0.0 | * | 0.0 |
| 4 | * | 0.0 | 0.0 | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 |
| 5 | * | 0.0 | 0.0 | 0.0 | * | 0.0 | * | 0.5 | * | 10.0 | * | 0.0 |
| 6 | * | 0.0 | 0.0 | 0.0 | * | 5.0 | * | 3.5 | * | 11.5 | * | 0.0 |
| 7 | * | 4.5 | 0.0 | 39.5 | * | 0.0 | * | 11.0 | * | 59.0 | * | 0.0 |
| 8 | * | 0.5 | 10.5 | 20.0 | * | 0.0 | * | 5.5 | * | 20.5 | * | 6.5 |
| 9 | * | 0.0 | 7.0 | 0.0 | * | 0.0 | * | 0.0 | * | 31.0 | * | 0.0 |
| 10 | * | 1.0 | 0.0 | 0.0 | * | 0.0 | * | 0.0 | * | 25.0 | * | 0.0 |
| 11 | * | 0.5 | 12.0 | 0.0 | * | 0.0 | * | 12.0 | * | 171.5 | * | 0.5 |
| 12 | * | 3.5 | 0.0 | 0.0 | * | 0.0 | * | 2.0 | * | 55.5 | * | 0.0 |
| 13 | * | 1.0 | 0.0 | 0.0 | * | 13.5 | * | 0.5 | * | 15.5 | * | 0.5 |
| 14 | * | 0.0 | 4.0 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 |
| 15 | * | 42.5 | 1.0 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 |
| 16 | * | 3.0 | 0.0 | 0.0 | * | 21.0 | * | 0.0 | * | 0.0 | * | 0.0 |
| 17 | * | 0.0 | 0.0 | 0.0 | * | 0.0 | * | 0.0 | * | 10.0 | * | 0.0 |
| 18 | * | 0.0 | 0.0 | 0.0 | * | 0.5 | * | 0.5 | * | 0.0 | * | 0.5 |
| 19 | * | 1.0 | 0.0 | 0.0 | * | 4.5 | * | 0.5 | * | 30.0 | * | 0.0 |
| 20 | * | 1.0 | 0.0 | 0.0 | * | 18.0 | * | 21.5 | * | 131.0 | * | 0.0 |
| 21 | * | 0.5 | 0.0 | 0.0 | * | 2.5 | * | 8.5 | * | 0.5 | * | 0.0 |
| 22 | * | 0.5 | 30.5 | 0.0 | * | 17.0 | * | 0.0 | * | 0.0 | * | 0.0 |
| 23 | * | 0.0 | 27.5 | 8.5 | * | 11.0 | * | 43.5 | * | 0.0 | * | 0.5 |
| 24 | * | 0.0 | 0.5 | 10.5 | * | 13.5 | * | 3.5 | * | 0.0 | * | 1.0 |
| 25 | * | 0.0 | 5.0 | 8.5 | * | 0.0 | * | 0.5 | * | 37.0 | * | 7.5 |
| 26 | * | 0.0 | 0.0 | 1.5 | * | 0.0 | * | 0.0 | * | 1.5 | * | 7.5 |
| 27 | * | 0.0 | 5.0 | 0.0 | * | 0.0 | * | 0.0 | * | 39.0 | * | 9.5 |
| 28 | * | 0.0 | 8.0 | 0.0 | * | 1.0 | * | 0.0 | * | 0.0 | * | 6.0 |
| 29 | * | 0.5 | 0.5 | 14.0 | * | 1.0 | * | 10.0 | * | 0.0 | * | 1.5 |
| 30 | * | 8.5 | 8.5 | 0.0 | * | 1.0 | * | 35.0 | * | 0.0 | * | 0.0 |
| 31 | 0.0 | 13.0 | 13.0 | 24.0 | * | 1.0 | * | 78.5 | * | 0.0 | * | 0.0 |
| Total | * | 59.5 | 133.0 | 106.0 | * | 132.5 | * | 543.0 | * | 433.0 | * | 63.5 |
| | * | | * | * | 62.5 | * | 140.0 | * | 433.0 | * | 63.5 | 33.5 |

但し、*は欠測

表-7c. 1992年の大血川東谷流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|------|------|------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | |
| 1 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 2.2 | 0.0 | 2.1 | 2.0 | 3.1 | 8.0 | 2.6 | | |
| 2 | 0.5 | * | 0.0 | * | 0.0 | * | 0.5 | * | 0.0 | 2.2 | 2.0 | 2.0 | 0.0 | 2.9 | 0.5 | 2.6 | | |
| 3 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 2.1 | 0.0 | 1.9 | 0.0 | 2.9 | 0.0 | 2.5 | | |
| 4 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 2.1 | 0.0 | 1.9 | 0.0 | 2.8 | 0.0 | 2.4 | | |
| 5 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 2.1 | 36.5 | 2.5 | 0.0 | 2.7 | 0.0 | 2.4 | | |
| 6 | 13.5 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 2.0 | 8.5 | 3.5 | 0.5 | 2.7 | 0.0 | 2.4 | | |
| 7 | 1.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | 2.1 | 0.0 | 2.6 | 2.0 | 2.6 | 0.5 | 2.4 | | |
| 8 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 2.0 | 30.0 | 2.5 | 0.0 | 2.5 | 26.5 | 3.2 | | |
| 9 | 3.5 | * | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | 2.0 | 67.0 | 10.7 | 11.0 | 2.6 | 0.0 | 2.7 | | |
| 10 | 1.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | 2.0 | 0.0 | 5.3 | 4.0 | 2.8 | 2.5 | 2.6 | | |
| 11 | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | 2.0 | 3.5 | 4.0 | 0.0 | 2.5 | 3.0 | 2.5 | | |
| 12 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 1.9 | 6.5 | 3.6 | 0.0 | 2.5 | 1.0 | 2.5 | | |
| 13 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 1.9 | 0.5 | 3.3 | 0.0 | 2.4 | 2.5 | 2.5 | | |
| 14 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 1.9 | 13.0 | 3.2 | 0.0 | 2.4 | 1.0 | 2.4 | | |
| 15 | 0.5 | * | 0.0 | * | 1.0 | * | 0.5 | * | 0.0 | 1.9 | 36.0 | 6.1 | 0.0 | 2.4 | 0.0 | 2.3 | | |
| 16 | 0.0 | * | 0.5 | * | 0.0 | * | 0.5 | * | 0.0 | 1.9 | 0.0 | 5.3 | 0.0 | 2.3 | 0.0 | 2.3 | | |
| 17 | 0.0 | * | 0.0 | * | 0.0 | * | 1.0 | * | 0.0 | 1.9 | 0.0 | 4.4 | 0.0 | 2.3 | 0.5 | 2.3 | | |
| 18 | 0.0 | * | 0.5 | * | 0.0 | * | 1.0 | * | 0.0 | 1.9 | 0.5 | 3.9 | 0.0 | 2.2 | 0.0 | 2.3 | | |
| 19 | 0.0 | * | 0.0 | * | 2.0 | * | 0.0 | * | 0.0 | 2.0 | 4.0 | 3.7 | 0.0 | 2.2 | 0.0 | 2.2 | | |
| 20 | 0.0 | * | 0.0 | * | 10.5 | * | 0.0 | * | 0.0 | 1.9 | 70.5 | 7.5 | 55.0 | 3.4 | 0.0 | 2.2 | | |
| 21 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.5 | 1.8 | 3.0 | 9.7 | 14.0 | 6.0 | 0.0 | 2.2 | | |
| 22 | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | 1.8 | 0.0 | 6.6 | 0.5 | 4.0 | 0.5 | 2.2 | | |
| 23 | 0.0 | * | 0.5 | * | 0.5 | * | 0.0 | * | 0.0 | 1.8 | 0.0 | 5.5 | 0.0 | 3.5 | 0.0 | 2.1 | | |
| 24 | 0.0 | * | 0.0 | * | 0.0 | * | 0.5 | * | 0.0 | 1.8 | 0.5 | 4.9 | 0.0 | 3.2 | 0.0 | 2.1 | | |
| 25 | 0.0 | * | 0.0 | * | 4.0 | * | 0.0 | * | 0.0 | 1.8 | 0.0 | 4.4 | 0.0 | 3.0 | 0.0 | 2.1 | | |
| 26 | 0.0 | * | 0.0 | * | 1.5 | * | 0.0 | * | 0.0 | 2.0 | 0.0 | 4.0 | 0.0 | 2.9 | 0.0 | 2.1 | | |
| 27 | 0.0 | * | 0.0 | * | 1.5 | * | 0.0 | * | 0.0 | 1.8 | 0.0 | 3.8 | 0.0 | 2.8 | 0.0 | 2.1 | | |
| 28 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | 1.8 | 0.0 | 3.5 | 0.5 | 2.7 | 0.0 | 2.1 | | |
| 29 | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | 1.9 | 9.5 | 3.5 | 2.0 | 2.7 | 0.0 | 2.0 | | |
| 30 | 0.0 | * | 13.0 | * | 8.0 | * | 0.0 | * | 0.0 | 3.4 | 0.5 | 3.3 | 0.0 | 2.6 | 0.5 | 2.0 | | |
| 31 | 11.5 | * | 0.5 | * | 0.0 | * | 0.0 | * | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | 0.0 | 0.0 | 2.0 | | |
| Total | 31.5 | * | 182.0 | * | 33.0 | * | 83.0 | * | 170.0 | 90.9 | 83.0 | 60.1 | 292.0 | 132.5 | 91.5 | 85.5 | 47.0 | 72.1 |

但し、*は欠測

表-7d. 1993年の大血川東谷流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff |
| 1 | 0.0 | 2.0 | 0.0 | 1.8 | 0.0 | 1.9 | 0.5 | 2.1 | 0.0 | 1.9 | 0.0 | 2.1 | 6.0 | 3.8 | 0.0 | 3.9 | 14.0 | 9.2 | 3.5 | 4.6 | 0.0 | 3.4 | 0.0 | 3.7 |
| 2 | 0.0 | 2.0 | 0.0 | 1.8 | 0.5 | 1.9 | 0.0 | 2.0 | 23.5 | 2.1 | 0.0 | 2.1 | 12.5 | 3.6 | 1.0 | 3.6 | 25.0 | 10.5 | 0.0 | 4.4 | 0.0 | 3.3 | 0.0 | 3.6 |
| 3 | 0.0 | 2.0 | 0.0 | 1.8 | 0.0 | 1.8 | 0.0 | 2.0 | 2.5 | 2.5 | 6.5 | 2.2 | 41.0 | 9.4 | 18.5 | 3.8 | 7.5 | 11.0 | 15.0 | 4.4 | 0.0 | 3.3 | 0.0 | 3.6 |
| 4 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.8 | 6.5 | 2.1 | 0.0 | 2.3 | 0.0 | 2.0 | 0.0 | 5.9 | 0.5 | 3.5 | 85.0 | 17.2 | 10.5 | 5.3 | 0.0 | 3.2 | 0.0 | 3.5 |
| 5 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.8 | 3.5 | 2.4 | 0.0 | 2.2 | 0.5 | 2.0 | 37.5 | 7.7 | 3.0 | 3.3 | 0.0 | 15.1 | 0.0 | 4.7 | 0.0 | 3.2 | 0.0 | 3.4 |
| 6 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.8 | 0.0 | 2.2 | 0.0 | 2.1 | 0.0 | 2.0 | 0.0 | 6.7 | 17.0 | 3.7 | 1.5 | 12.6 | 0.0 | 4.5 | 0.0 | 3.2 | 0.0 | 3.4 |
| 7 | 19.0 | 2.1 | 0.0 | 2.4 | 0.0 | 1.9 | 0.0 | 2.1 | 0.0 | 2.1 | 0.0 | 2.0 | 14.5 | 6.2 | 2.0 | 3.6 | 9.5 | 11.2 | 7.0 | 4.4 | 1.0 | 3.1 | 0.0 | 3.3 |
| 8 | 2.5 | 2.1 | 0.0 | 2.2 | 0.5 | 1.9 | 0.0 | 2.0 | 0.0 | 2.0 | 1.0 | 1.9 | 0.0 | 5.4 | 1.0 | 3.4 | 9.0 | 10.7 | 58.5 | 7.8 | 2.5 | 3.1 | 0.0 | 3.3 |
| 9 | 0.0 | 1.9 | 0.0 | 2.0 | 0.0 | 1.8 | 0.0 | 1.9 | 2.5 | 2.0 | 27.5 | 2.3 | 1.5 | 4.9 | 1.5 | 3.3 | 41.5 | 12.7 | 0.0 | 8.2 | 0.0 | 3.1 | 0.0 | 3.3 |
| 10 | 0.5 | 1.9 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.9 | 53.5 | 2.5 | 2.0 | 2.0 | 1.5 | 4.4 | 13.5 | 3.4 | 1.5 | 12.6 | 0.0 | 6.5 | 0.0 | 3.0 | 28.0 | 3.5 |
| 11 | 0.5 | 1.9 | 0.0 | 1.9 | 0.0 | 1.8 | 2.0 | 1.9 | 10.0 | 5.5 | 1.5 | 2.0 | 0.0 | 4.1 | 22.5 | 5.5 | 0.0 | 10.8 | 0.0 | 5.8 | 0.0 | 3.0 | 0.0 | 4.1 |
| 12 | 0.5 | 1.9 | 0.0 | 1.8 | 8.5 | 1.9 | 0.0 | 3.5 | 0.0 | 3.5 | 0.0 | 2.0 | 3.0 | 3.8 | 0.0 | 4.4 | 0.5 | 9.7 | 0.0 | 5.5 | 0.0 | 3.0 | 0.0 | 3.4 |
| 13 | 0.0 | 1.9 | 0.0 | 1.8 | 3.0 | 1.8 | 0.0 | 1.9 | 0.0 | 3.0 | 2.5 | 1.9 | 4.0 | 3.6 | 0.0 | 3.8 | 0.5 | 9.0 | 0.5 | 5.3 | 81.0 | 5.8 | 0.0 | 3.3 |
| 14 | 4.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.7 | 0.0 | 1.8 | 48.0 | 4.6 | 10.5 | 2.1 | 1.0 | 3.4 | 1.0 | 3.5 | 18.5 | 9.0 | 4.0 | 5.2 | 0.0 | 8.3 | 0.0 | 3.3 |
| 15 | 12.0 | 1.9 | 0.0 | 1.8 | 0.5 | 1.7 | 0.0 | 1.8 | 0.0 | 4.9 | 2.5 | 2.0 | 20.0 | 3.4 | 1.0 | 3.3 | 0.0 | 8.5 | 1.0 | 5.0 | 0.0 | 5.4 | 0.0 | 3.2 |
| 16 | 22.0 | 1.9 | 0.5 | 1.8 | 0.0 | 1.7 | 0.0 | 1.8 | 0.0 | 4.0 | 0.0 | 1.9 | 1.5 | 3.4 | 22.0 | 3.6 | 0.0 | 8.0 | 0.0 | 4.8 | 0.0 | 4.9 | 0.0 | 3.2 |
| 17 | 0.5 | 1.9 | 27.0 | 2.0 | 0.5 | 1.7 | 0.0 | 1.8 | 0.0 | 3.6 | 0.0 | 1.9 | 3.5 | 3.2 | 5.0 | 3.3 | 0.0 | 7.7 | 0.0 | 4.7 | 0.0 | 4.6 | 0.0 | 3.2 |
| 18 | 0.0 | 1.8 | 0.0 | 1.9 | 0.0 | 1.7 | 0.0 | 1.8 | 0.0 | 3.3 | 0.5 | 1.8 | 4.0 | 3.2 | 8.0 | 3.2 | 0.0 | 7.4 | 0.0 | 4.5 | 0.0 | 4.4 | 0.0 | 3.1 |
| 19 | 0.0 | 1.8 | 0.0 | 1.9 | 0.0 | 1.7 | 0.0 | 1.9 | 0.0 | 3.1 | 13.5 | 2.0 | 25.5 | 3.6 | 0.5 | 3.1 | 0.0 | 7.2 | 0.0 | 4.4 | 0.0 | 4.3 | 6.0 | 3.1 |
| 20 | 0.0 | 1.8 | 0.0 | 1.8 | 0.5 | 1.7 | 0.0 | 1.8 | 1.0 | 2.9 | 28.0 | 2.4 | 3.5 | 4.2 | 0.0 | 3.0 | 0.0 | 6.8 | 0.5 | 4.2 | 12.0 | 4.9 | 0.0 | 3.2 |
| 21 | 0.5 | 1.8 | 17.0 | 1.8 | 0.0 | 1.7 | 0.0 | 1.8 | 0.0 | 2.8 | 20.0 | 3.9 | 5.5 | 3.8 | 0.0 | 2.9 | 0.0 | 6.8 | 0.5 | 4.2 | 0.0 | 4.6 | 0.0 | 3.0 |
| 22 | 0.0 | 1.8 | 1.5 | 2.2 | 0.0 | 1.7 | 0.0 | 1.9 | 0.5 | 2.7 | 0.5 | 3.4 | 1.0 | 3.8 | 0.0 | 2.8 | 23.0 | 7.2 | 0.0 | 4.1 | 0.0 | 4.4 | 0.0 | 2.9 |
| 23 | 0.0 | 1.8 | 2.0 | 2.2 | 0.0 | 1.7 | 0.0 | 1.9 | 0.5 | 2.6 | 30.5 | 3.9 | 2.0 | 3.6 | 1.5 | 2.7 | 9.0 | 7.5 | 0.0 | 4.0 | 0.0 | 4.4 | 0.0 | 2.9 |
| 24 | 5.5 | 1.8 | 0.0 | 2.0 | 7.5 | 1.8 | 0.0 | 1.9 | 0.0 | 2.5 | 2.0 | 4.7 | 28.0 | 4.6 | 0.0 | 2.6 | 0.0 | 6.6 | 0.0 | 3.9 | 0.5 | 4.3 | 0.0 | 2.9 |
| 25 | 37.0 | 1.8 | 0.5 | 1.9 | 1.0 | 2.1 | 0.0 | 1.9 | 0.0 | 2.4 | 0.5 | 3.6 | 58.0 | 9.4 | 0.0 | 2.6 | 6.0 | 5.1 | 0.0 | 3.8 | 0.0 | 4.2 | 0.0 | 2.9 |
| 26 | 13.0 | 1.9 | 0.5 | 1.9 | 0.0 | 2.0 | 0.0 | 1.9 | 0.0 | 2.4 | 3.0 | 3.2 | 15.5 | 11.7 | 50.0 | 3.5 | 0.0 | 4.9 | 0.0 | 3.7 | 0.0 | 4.1 | 0.0 | 2.9 |
| 27 | 1.0 | 1.8 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 2.3 | 0.0 | 2.9 | 0.0 | 7.6 | 183.5 | 18.9 | 0.0 | 4.8 | 0.0 | 3.6 | 0.0 | 4.0 | 0.0 | 2.9 |
| 28 | 6.0 | 1.8 | 2.0 | 2.0 | 13.5 | 2.1 | 8.5 | 1.9 | 0.0 | 2.2 | 0.0 | 2.7 | 0.0 | 6.0 | 0.0 | 17.0 | 0.0 | 4.6 | 0.0 | 3.6 | 0.0 | 3.9 | 0.0 | 2.9 |
| 29 | 1.0 | 1.8 | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 0.0 | 1.8 | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 0.0 | 1.8 | | | | | | | | | | | | | | | | | | | | | | |
| Total | 125.5 | 58.2 | 51.0 | 53.7 | 36.0 | 56.8 | 43.0 | 58.1 | 142.0 | 86.4 | 197.5 | 75.2 | 303.0 | 158.5 | 353.0 | 160.9 | 265.0 | 263.8 | 114.0 | 146.2 | 103.5 | 121.9 | 36.0 | 99.7 |

表-7e. 1994年の大血川東谷流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 2.8 | 4.0 | * | 0.0 | * | 9.0 | * | 6.5 | * | 23.5 | * |
| 2 | 0.0 | 2.7 | 0.0 | * | 0.0 | * | 0.0 | * | 3.0 | * | 0.0 | * |
| 3 | 0.0 | 2.7 | 0.0 | * | 0.0 | * | 0.0 | * | 1.5 | * | 0.5 | * |
| 4 | 0.0 | 2.7 | 0.0 | * | 8.0 | * | 0.0 | * | 1.5 | * | 36.0 | * |
| 5 | 0.0 | 2.7 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.5 | * |
| 6 | 0.0 | 2.7 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * |
| 7 | 0.0 | 2.7 | 0.0 | * | 0.0 | * | 0.0 | * | 10.5 | * | 0.0 | * |
| 8 | 0.0 | 2.6 | 1.0 | * | 0.0 | * | 0.0 | * | 12.0 | * | 0.0 | * |
| 9 | 0.0 | 2.6 | 3.5 | * | 0.0 | * | 7.5 | * | 0.0 | * | 0.5 | * |
| 10 | 0.0 | 2.6 | 0.0 | * | 0.0 | * | 1.0 | * | 0.0 | * | 2.0 | * |
| 11 | 2.5 | 2.7 | 0.0 | * | 5.0 | * | 72.5 | * | 0.0 | * | 3.5 | * |
| 12 | 0.0 | 2.6 | 13.5 | * | 2.0 | * | 1.0 | * | 0.0 | * | 0.5 | * |
| 13 | 2.0 | 2.7 | 0.0 | * | 0.0 | * | 7.0 | * | 48.5 | * | 0.0 | * |
| 14 | 16.0 | 2.7 | 0.0 | * | 0.0 | * | 19.0 | * | 7.5 | * | 0.0 | * |
| 15 | 0.0 | 2.6 | 1.5 | * | 16.5 | * | 0.0 | * | 17.0 | * | 0.0 | * |
| 16 | 0.0 | 2.6 | 0.0 | * | 0.0 | * | 0.0 | * | 18.5 | * | 0.0 | * |
| 17 | 11.0 | 2.8 | 0.0 | * | 13.0 | * | 0.0 | * | 83.0 | * | 0.0 | * |
| 18 | 28.5 | 3.3 | 0.0 | * | 8.5 | * | 1.5 | * | 33.0 | * | 0.5 | * |
| 19 | 3.5 | 2.7 | 0.0 | * | 0.0 | * | 36.5 | * | 0.5 | * | 1.5 | * |
| 20 | 0.0 | * | 0.0 | * | 0.0 | * | 1.5 | * | 0.0 | * | 3.0 | * |
| 21 | 2.0 | * | 42.5 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.5 | * |
| 22 | 0.0 | * | 0.0 | * | 0.5 | * | 0.0 | * | 6.5 | * | 9.5 | * |
| 23 | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * | 1.5 | * | 4.0 | * |
| 24 | 0.0 | * | 0.0 | * | 0.0 | * | 22.5 | * | 17.0 | * | 0.0 | * |
| 25 | 0.0 | * | 0.0 | * | 2.0 | * | 5.0 | * | 5.5 | * | 0.0 | * |
| 26 | 0.0 | * | 0.0 | * | 32.5 | * | 1.0 | * | 0.0 | * | 0.0 | * |
| 27 | 0.0 | * | 0.0 | * | 10.0 | * | 5.0 | * | 9.5 | * | 0.0 | * |
| 28 | 1.0 | * | 0.0 | * | 5.5 | * | 11.5 | * | 15.5 | * | 1.0 | * |
| 29 | 5.0 | * | 0.0 | * | 0.5 | * | 1.5 | * | 39.5 | * | 9.5 | * |
| 30 | 0.0 | * | 0.0 | * | 8.0 | * | 0.0 | * | 78.0 | * | 0.5 | * |
| 31 | 0.0 | * | 0.0 | * | 0.0 | * | 57.0 | * | 0.0 | * | 0.0 | * |
| Total | 71.5 | * | 66.0 | * | 128.0 | * | 130.5 | * | 414.5 | * | 124.0 | * |
| | | | 98.5 | * | 38.0 | * | 315.5 | * | 19.0 | * | 34.5 | * |

但し、*は欠測

表-7f. 1995年の大血川東谷流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|------|------|------|------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | |
| 1 | 0.0 | 0.0 | 13.5 | 0.0 | * | 0.0 | 5.0 | 2.9 | 2.3 | 0.0 | 1.8 | 4.5 | 2.5 | 0.0 | 2.0 | 0.0 | 1.7 | | |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.0 | 0.0 | 2.7 | 0.0 | 2.3 | 0.0 | 1.8 | 35.5 | 4.2 | 0.0 | 2.0 | 0.0 | 1.7 | |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.0 | 13.5 | 2.9 | 2.2 | 0.0 | 1.8 | 0.0 | 2.9 | 0.0 | 2.0 | 0.0 | 1.7 | | |
| 4 | 23.5 | 0.0 | 21.0 | 0.0 | * | 4.5 | 17.5 | 3.3 | 2.5 | 2.2 | 0.0 | 1.8 | 0.0 | 2.7 | 0.0 | 2.0 | 0.0 | 1.7 | |
| 5 | 0.0 | 4.5 | 0.5 | 0.0 | * | 0.5 | 53.0 | 6.0 | 2.2 | 0.0 | 1.8 | 0.5 | 2.6 | 0.0 | 2.0 | 0.0 | 1.7 | | |
| 6 | 0.0 | 0.0 | 0.0 | 1.5 | * | 12.0 | 17.0 | 7.6 | 32.0 | 2.5 | 0.0 | 1.8 | 0.0 | 2.5 | 0.0 | 1.9 | 0.0 | 1.7 | |
| 7 | 0.0 | 0.0 | 0.0 | 4.5 | * | 3.0 | 0.0 | 5.9 | 0.0 | 2.6 | 0.0 | 1.8 | 0.5 | 2.5 | 14.5 | 1.9 | 0.0 | 1.7 | |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 | * | 6.5 | 2.7 | 5.8 | 0.0 | 2.3 | 0.0 | 1.7 | 26.0 | 3.4 | 6.5 | 2.2 | 0.0 | 1.7 | |
| 9 | 0.0 | 0.0 | 0.0 | 2.5 | * | 23.0 | 4.1 | 0.5 | 5.4 | 0.0 | 2.2 | 0.0 | 1.7 | 0.5 | 3.3 | 0.0 | 1.9 | 0.0 | 1.6 |
| 10 | 0.0 | 0.0 | 10.5 | 0.0 | * | 2.5 | 4.2 | 0.0 | 4.8 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 2.9 | 0.0 | 1.9 | 0.0 | 1.6 |
| 11 | 0.0 | 0.0 | 1.5 | 0.0 | * | 1.5 | 3.6 | 1.0 | 4.4 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 2.8 | 0.0 | 1.9 | 0.0 | 1.6 |
| 12 | 0.0 | 1.0 | 6.0 | 16.0 | * | 0.0 | 3.3 | 6.0 | 4.1 | 0.0 | 2.1 | 0.0 | 1.7 | 2.0 | 2.8 | 0.0 | 1.9 | 0.0 | 1.7 |
| 13 | 0.0 | 10.5 | 11.0 | 0.0 | * | 25.0 | 3.7 | 0.0 | 3.8 | 0.0 | 2.0 | 0.0 | 1.7 | 0.0 | 2.6 | 0.0 | 1.9 | 0.0 | 1.6 |
| 14 | 0.0 | 0.5 | 0.0 | 6.5 | * | 35.0 | 7.1 | 9.5 | 3.8 | 0.0 | 2.0 | 33.0 | 2.0 | 0.0 | 2.6 | 3.0 | 1.9 | 0.0 | 1.6 |
| 15 | 0.0 | 1.5 | 0.0 | 0.5 | * | 3.0 | 7.0 | 0.0 | 3.5 | 0.0 | 2.0 | 18.0 | 3.1 | 0.0 | 2.5 | 0.0 | 1.9 | 0.0 | 1.6 |
| 16 | 0.0 | 0.0 | 9.5 | 0.5 | * | 2.0 | 5.5 | 1.5 | 3.3 | 2.5 | 2.0 | 71.0 | 4.2 | 0.0 | 2.5 | 0.0 | 1.8 | 0.0 | 1.6 |
| 17 | 0.0 | 0.0 | 0.5 | 0.5 | * | 0.0 | 4.7 | 5.0 | 3.2 | 0.0 | 2.0 | 118.0 | 17.2 | 0.0 | 2.4 | 0.0 | 1.8 | 0.0 | 1.6 |
| 18 | 0.0 | 0.0 | 2.5 | 5.0 | * | 0.5 | 4.3 | 5.0 | 3.1 | 0.0 | 2.0 | 0.0 | 9.2 | 0.0 | 2.4 | 0.0 | 1.8 | 0.0 | 1.6 |
| 19 | 0.0 | 0.0 | 4.5 | 3.5 | * | 0.0 | 4.0 | 0.0 | 3.0 | 0.0 | 1.9 | 0.5 | 6.0 | 0.0 | 2.3 | 0.0 | 1.8 | 0.5 | 1.6 |
| 20 | 0.0 | 0.0 | 0.0 | 0.0 | * | 5.5 | 3.8 | 3.0 | 2.9 | 0.0 | 1.9 | 0.0 | 4.9 | 0.0 | 2.3 | 12.0 | 1.9 | 0.0 | 1.6 |
| 21 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.0 | 3.6 | 5.0 | 2.9 | 1.0 | 1.9 | 0.0 | 4.3 | 0.0 | 2.3 | 0.0 | 1.9 | 0.0 | 1.6 |
| 22 | 7.5 | 0.0 | 0.0 | 0.0 | * | 2.0 | 3.5 | 8.0 | 2.9 | 11.0 | 2.5 | 0.0 | 3.8 | 0.0 | 2.2 | 0.0 | 1.8 | 0.0 | 1.6 |
| 23 | 0.0 | 0.0 | 0.0 | 2.0 | * | 3.5 | 3.4 | 0.0 | 2.8 | 8.5 | 2.4 | 0.0 | 3.5 | 0.0 | 2.2 | 0.0 | 1.8 | 0.0 | 1.6 |
| 24 | 0.0 | 0.0 | 0.5 | 0.0 | * | 1.0 | 3.3 | 8.0 | 2.7 | 3.5 | 2.2 | 6.5 | 3.5 | 3.5 | 2.2 | 0.0 | 1.8 | 0.0 | 1.6 |
| 25 | 0.0 | 0.0 | 18.0 | 0.5 | * | 1.5 | 3.2 | 0.5 | 2.6 | 0.0 | 2.1 | 0.0 | 3.2 | 3.5 | 2.3 | 0.0 | 1.8 | 0.0 | 1.6 |
| 26 | 0.0 | 3.5 | 7.0 | 0.0 | * | 12.0 | 3.3 | 0.0 | 2.5 | 0.5 | 2.0 | 1.5 | 3.1 | 0.0 | 2.2 | 0.0 | 1.8 | 0.0 | 1.5 |
| 27 | 0.0 | 0.0 | 0.0 | 0.0 | * | 0.0 | 3.1 | 0.0 | 2.4 | 0.0 | 2.0 | 0.5 | 2.9 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 1.6 |
| 28 | 0.0 | 1.0 | 2.5 | 0.0 | * | 7.0 | 3.1 | 0.0 | 2.4 | 0.0 | 1.9 | 0.0 | 2.8 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 1.5 |
| 29 | 0.0 | * | 1.0 | 6.0 | * | 0.0 | 3.0 | 0.0 | 2.3 | 3.0 | 1.9 | 0.0 | 2.1 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 1.6 |
| 30 | 0.0 | * | 25.5 | 5.5 | * | 0.0 | 2.9 | 24.0 | 2.6 | 2.5 | 1.9 | 0.0 | 2.1 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 1.6 |
| 31 | 0.0 | * | 2.0 | 0.0 | * | 0.0 | 1.0 | 2.6 | 2.0 | 1.9 | 1.9 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 1.7 | 0.0 | 1.5 |
| Total | 31.0 | 22.5 | 137.5 | 54.5 | 166.0 | 162.5 | 211.0 | 111.1 | 69.0 | 65.5 | 249.0 | 101.7 | 76.5 | 78.5 | 36.0 | 56.2 | 62.0 | 50.4 | 50.4 |

但し、*は欠測

表-7g. 1996年の大血川東谷流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|------|------|-------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | |
| 1 | 0.0 | 1.6 | 0.0 | 1.4 | 8.0 | 1.6 | 6.5 | 2.3 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.8 | 0.0 | 3.1 | 0.0 | 2.0 |
| 2 | 0.0 | 1.5 | 0.5 | 1.4 | 0.0 | 1.5 | 1.0 | 2.1 | 4.0 | 1.9 | 0.0 | 1.8 | 5.5 | 1.8 | 0.0 | 3.0 | 0.0 | 1.9 |
| 3 | 0.0 | 1.6 | 0.0 | 1.8 | 0.0 | 1.5 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.7 | 0.0 | 2.9 | 0.0 | 1.9 |
| 4 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 1.8 | 0.0 | 1.7 | 8.5 | 2.8 | 0.0 | 1.9 |
| 5 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 1.8 | 36.5 | 3.0 | 0.0 | 1.8 | 1.0 | 1.7 | 0.5 | 2.7 | 0.0 | 1.9 |
| 6 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 1.8 | 0.0 | 2.5 | 0.5 | 1.7 | 0.0 | 1.7 | 0.0 | 2.6 | 0.0 | 1.8 |
| 7 | 0.0 | 1.5 | 0.0 | 1.4 | 4.0 | 1.4 | 0.0 | 1.8 | 0.0 | 2.3 | 0.5 | 1.7 | 6.0 | 1.7 | 0.0 | 2.6 | 0.0 | 1.8 |
| 8 | 5.5 | 1.6 | 0.0 | 1.4 | 1.0 | 1.5 | 0.0 | 1.8 | 0.0 | 2.2 | 4.0 | 1.8 | 35.5 | 2.5 | 0.0 | 2.5 | 0.0 | 1.8 |
| 9 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.5 | 0.0 | 1.7 | 25.0 | 3.0 | 1.0 | 1.8 | 13.5 | 3.1 | 0.0 | 2.5 | 28.0 | 2.6 |
| 10 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 1.7 | 0.0 | 2.9 | 6.5 | 1.8 | 33.5 | 4.0 | 0.0 | 2.4 | 9.0 | 2.8 |
| 11 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.5 | 1.5 | 1.7 | 0.0 | 2.7 | 0.5 | 1.8 | 0.0 | 4.7 | 0.0 | 2.4 | 0.0 | 2.3 |
| 12 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 1.7 | 13.5 | 2.7 | 0.0 | 1.7 | 0.0 | 3.3 | 0.0 | 2.3 | 0.0 | 2.1 |
| 13 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 1.7 | 0.0 | 2.6 | 0.0 | 1.7 | 0.0 | 2.8 | 0.5 | 2.3 | 9.5 | 2.0 |
| 14 | 0.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.6 | 0.0 | 2.5 | 0.0 | 1.7 | 24.5 | 3.0 | 0.5 | 2.3 | 67.0 | 5.7 |
| 15 | 0.0 | 1.6 | 0.0 | 1.5 | 25.5 | 1.6 | 0.0 | 1.6 | 0.0 | 2.4 | 0.0 | 1.7 | 28.5 | 3.8 | 6.5 | 2.3 | 0.5 | 6.3 |
| 16 | 1.0 | 1.6 | 10.0 | 1.5 | 0.0 | 1.7 | 41.5 | 2.7 | 0.0 | 2.3 | 0.0 | 1.7 | 0.0 | 4.6 | 0.0 | 2.2 | 0.0 | 3.9 |
| 17 | 0.0 | 1.5 | 4.0 | 1.5 | 14.0 | 2.4 | 0.0 | 2.7 | 0.0 | 2.3 | 0.0 | 1.6 | 0.0 | 3.7 | 0.0 | 2.1 | 0.5 | 3.2 |
| 18 | 0.0 | 1.5 | 13.5 | 1.5 | 0.0 | 2.2 | 1.0 | 2.3 | 0.0 | 2.2 | 10.5 | 1.7 | 0.0 | 3.2 | 0.0 | 2.1 | 0.0 | 2.9 |
| 19 | 0.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.7 | 0.0 | 2.2 | 0.0 | 2.2 | 0.0 | 1.7 | 40.5 | 3.6 | 0.0 | 2.1 | 0.0 | 2.7 |
| 20 | 1.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.6 | 4.0 | 2.1 | 0.0 | 2.1 | 0.0 | 1.6 | 5.0 | 3.3 | 0.0 | 2.1 | 16.0 | 2.8 |
| 21 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.6 | 2.0 | 2.0 | 0.0 | 2.1 | 0.0 | 1.6 | 77.0 | 12.1 | 0.0 | 2.1 | 3.5 | 3.2 |
| 22 | 0.0 | 1.5 | 0.0 | 1.6 | 5.5 | 2.1 | 2.5 | 2.0 | 9.0 | 2.1 | 4.0 | 1.6 | 4.0 | 8.2 | 2.5 | 2.0 | 187.5 | 17.7 |
| 23 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 2.0 | 0.0 | 2.0 | 0.5 | 2.1 | 16.5 | 1.9 | 2.0 | 5.9 | 0.0 | 2.0 | | |
| 24 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 1.7 | 0.0 | 2.0 | 0.0 | 2.0 | 6.0 | 1.9 | 0.0 | 4.9 | 5.5 | 2.1 | | |
| 25 | 0.0 | 1.5 | 3.5 | 1.4 | 3.0 | 1.8 | 0.0 | 2.0 | 0.0 | 2.0 | 4.0 | 1.9 | 0.0 | 4.4 | 0.5 | 2.1 | | |
| 26 | 0.0 | 1.5 | 11.5 | 1.5 | 0.0 | 1.8 | 0.0 | 2.0 | 0.0 | 1.9 | 27.5 | 2.7 | 0.0 | 4.0 | 0.0 | 2.0 | | |
| 27 | 0.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.7 | 0.0 | 1.9 | 6.5 | 2.0 | 0.0 | 2.3 | 0.0 | 3.7 | 0.0 | 2.0 | | |
| 28 | 0.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.7 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 2.0 | 26.0 | 4.5 | 8.0 | 2.1 | | |
| 29 | 0.0 | 1.5 | 0.0 | 1.5 | 0.0 | 1.7 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 3.9 | 3.0 | 2.3 | | |
| 30 | 0.0 | 1.5 | | | 20.5 | 2.3 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 1.8 | 0.0 | 3.5 | 1.5 | 2.0 | | |
| 31 | 0.0 | 1.5 | | | 0.0 | 2.8 | | 0.0 | 1.8 | | | 1.5 | 3.3 | 2.0 | 2.0 | | | |
| Total | 7.5 | 47.0 | 43.0 | 42.5 | 81.5 | 52.8 | 60.0 | 58.7 | 95.0 | 69.1 | 81.5 | 54.4 | 304.0 | 115.8 | 41.0 | 71.9 | * | * |

但し、*は欠測、9/22で量水観測終了

表-8a. 1990年の久度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | | | | | | | 1.3 | 1.2 | 1.9 | 30.9 | 0.0 | 3.2 |
| 2 | | | | | | | 1.3 | 1.1 | 1.9 | 17.3 | 0.0 | 3.0 |
| 3 | | | | | | | 1.5 | 1.1 | 1.8 | 12.0 | 0.0 | 2.8 |
| 4 | | | | | | | 1.5 | 1.1 | 1.8 | 9.2 | 37.5 | 4.7 |
| 5 | | | | | | | 1.6 | 1.1 | 1.7 | 7.5 | 0.5 | 5.2 |
| 6 | | | | | | | 1.5 | 1.1 | 1.7 | 6.4 | 0.0 | 4.7 |
| 7 | | | | | | | 1.4 | 1.1 | 1.7 | 5.8 | 0.5 | 4.3 |
| 8 | | | | | | | 1.3 | 1.1 | 1.7 | 12.2 | 0.0 | 3.9 |
| 9 | | | | | | | 1.3 | 1.4 | 1.6 | 14.4 | 2.5 | 3.6 |
| 10 | | | | | | | 1.3 | 54.8 | 1.5 | 10.9 | 23.5 | 4.7 |
| 11 | | | | | | | 1.3 | 22.6 | 1.5 | 8.9 | 0.0 | 3.8 |
| 12 | | | | | | | 1.3 | 12.9 | 1.5 | 7.5 | 0.0 | 3.6 |
| 13 | | | | | | | 1.7 | 8.7 | 2.2 | 6.7 | 0.0 | 3.4 |
| 14 | | | | | | | 1.4 | 6.6 | 2.0 | 5.9 | 0.0 | 3.2 |
| 15 | | | | | | | 1.3 | 5.4 | 1.8 | 5.3 | 1.5 | 3.0 |
| 16 | | | | | | | 1.3 | 4.6 | 1.8 | 4.9 | 0.5 | 2.9 |
| 17 | | | | | | | 1.3 | 4.2 | 1.8 | 4.5 | 0.0 | 2.7 |
| 18 | | | | | | | 1.3 | 3.7 | 1.7 | 4.2 | 0.0 | 2.6 |
| 19 | | | | | | | 1.3 | 3.4 | 1.9 | 3.9 | 0.0 | 2.5 |
| 20 | | | | | | | 1.2 | 3.2 | 8.7 | 0.0 | 3.6 | |
| 21 | | | | | | | 1.2 | 3.0 | 3.6 | 0.0 | 3.4 | |
| 22 | | | | | | | 1.3 | 2.8 | 2.9 | 0.0 | 3.2 | |
| 23 | | | | | | 1.6 | 1.2 | 2.7 | 2.6 | 0.0 | 3.0 | |
| 24 | | | | | | 1.5 | 1.3 | 2.5 | 2.5 | 1.5 | 3.1 | |
| 25 | | | | | | 1.5 | 1.3 | 2.4 | 2.4 | 2.5 | 2.9 | |
| 26 | | | | | | 1.5 | 1.8 | 2.3 | 6.4 | | | |
| 27 | | | | | | 1.4 | 1.5 | 2.2 | 18.5 | | | |
| 28 | | | | | | 1.4 | 1.3 | 2.1 | 9.4 | | | |
| 29 | | | | | | 1.4 | 1.2 | 2.1 | 7.1 | | | |
| 30 | | | | | | 1.3 | 1.2 | 2.1 | 5.7 | | | |
| 31 | | | | | | 1.2 | 1.2 | 2.0 | 19.0 | | | |
| Total | | | | | * | | 41.8 | 166.7 | 103.8 | * | 215.9 | 253.0 |
| | | | | | | | | | | | 124.6 | 31.5 |
| | | | | | | | | | | | | 157.6 |

但し、流量は8/29、雨量は10/17に観測開始

表-8b. 1991年の久度沢流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff |
| 1 | 0.0 | 1.6 | 0.0 | 0.8 | 0.5 | 0.8 | 0.5 | 4.5 | 0.0 | 1.7 | 0.0 | 1.5 | 25.5 | 2.8 | 4.5 | 1.9 | 0.0 | 10.9 | 68.0 | 14.3 | 2.5 | 5.1 | 0.0 | 2.3 |
| 2 | 0.0 | 1.6 | 0.0 | 0.8 | 0.0 | 0.7 | 0.5 | 4.0 | 0.0 | 1.6 | 0.0 | 1.4 | 0.5 | 2.9 | 0.5 | 1.8 | 1.5 | 8.7 | 0.0 | 17.8 | 0.0 | 4.6 | 0.0 | 2.1 |
| 3 | 0.0 | 1.5 | 0.0 | 0.7 | 0.0 | 0.6 | 0.0 | 3.7 | 0.0 | 1.5 | 0.0 | 1.7 | 0.5 | 2.4 | 0.0 | 1.7 | 0.5 | 7.3 | 0.0 | 13.1 | 0.0 | 4.3 | 0.0 | 2.0 |
| 4 | 1.5 | 1.5 | 0.0 | 0.8 | 0.0 | 0.6 | 0.0 | 3.3 | 0.0 | 1.5 | 0.0 | 1.6 | 3.5 | 2.3 | 5.0 | 1.7 | 0.0 | 6.2 | 0.0 | 10.4 | 0.0 | 3.9 | 0.0 | 1.9 |
| 5 | 0.0 | 1.4 | 0.0 | 0.8 | 0.0 | 0.6 | 0.0 | 3.0 | 0.0 | 1.5 | 0.0 | 1.5 | 8.5 | 2.3 | 3.0 | 1.7 | 0.0 | 5.4 | 20.5 | 8.9 | 0.0 | 3.6 | 0.0 | 1.9 |
| 6 | 0.0 | 1.4 | 0.5 | 0.7 | 0.0 | 0.7 | 0.0 | 2.8 | 0.0 | 1.4 | 0.0 | 1.5 | 14.5 | 2.7 | 1.0 | 1.6 | 0.0 | 4.9 | 7.0 | 8.1 | 0.0 | 3.4 | 0.0 | 1.8 |
| 7 | 0.0 | 1.3 | 0.0 | 0.8 | 0.0 | 0.7 | 26.0 | 3.8 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 2.6 | 6.0 | 1.7 | 0.0 | 4.4 | 49.5 | 13.5 | 0.0 | 3.2 | 0.0 | 1.7 |
| 8 | 0.0 | 1.3 | 0.0 | 0.8 | 3.0 | 0.7 | 16.5 | 5.9 | 0.0 | 1.4 | 0.0 | 1.3 | 1.5 | 2.4 | 12.5 | 2.1 | 47.0 | 6.1 | 25.5 | 17.8 | 8.0 | 3.2 | 0.5 | 1.7 |
| 9 | 0.5 | 1.2 | 0.0 | 0.7 | 7.5 | 1.5 | 0.0 | 6.1 | 0.0 | 1.4 | 0.0 | 1.3 | 0.0 | 2.2 | 0.0 | 1.7 | 22.5 | 7.8 | 22.0 | 16.4 | 0.0 | 3.0 | 0.0 | 1.6 |
| 10 | 0.5 | 1.2 | 0.0 | 0.8 | 0.0 | 1.1 | 0.0 | 5.5 | 0.0 | 1.4 | 0.0 | 1.2 | 0.0 | 2.1 | 0.0 | 1.6 | 1.5 | 8.6 | 19.5 | 16.9 | 0.0 | 2.8 | 0.0 | 1.6 |
| 11 | 0.0 | 1.2 | 0.5 | 0.8 | 19.5 | 1.0 | 0.0 | 4.9 | 0.0 | 1.3 | 0.0 | 1.2 | 0.0 | 2.0 | 9.5 | 1.6 | 1.0 | 7.6 | 110.0 | 31.4 | 0.0 | 2.7 | 7.0 | 1.6 |
| 12 | 0.0 | 1.2 | 2.0 | 0.8 | 1.0 | 1.1 | 0.0 | 4.4 | 0.0 | 1.4 | 0.0 | 1.2 | 16.0 | 2.2 | 19.0 | 1.7 | 0.0 | 6.7 | 48.0 | 63.3 | 0.0 | 2.5 | 0.5 | 1.5 |
| 13 | 0.0 | 1.2 | 0.5 | 0.7 | 0.0 | 1.1 | 0.0 | 4.0 | 0.0 | 1.5 | 43.5 | 2.0 | 25.0 | 3.3 | 3.0 | 1.6 | 12.5 | 6.0 | 18.5 | 43.4 | 0.0 | 2.4 | 0.0 | 1.4 |
| 14 | 0.0 | 1.1 | 0.0 | 0.7 | 1.5 | 1.1 | 0.0 | 3.6 | 0.0 | 1.3 | 0.5 | 2.0 | 11.0 | 2.9 | 0.0 | 1.5 | 75.0 | 16.7 | 0.0 | 29.0 | 0.0 | 2.3 | 0.0 | 1.4 |
| 15 | 0.0 | 1.1 | 24.5 | 1.0 | 2.0 | 1.0 | 0.0 | 3.3 | 0.0 | 1.3 | 0.0 | 1.5 | 0.0 | 3.2 | 0.0 | 1.5 | 25.5 | 18.8 | 0.5 | 20.0 | 0.0 | 2.2 | 0.0 | 1.4 |
| 16 | 0.5 | 1.1 | 6.0 | 1.4 | 1.0 | 0.9 | 0.0 | 3.0 | 0.0 | 1.4 | 29.0 | 2.7 | 8.0 | 3.3 | 0.0 | 1.4 | 0.5 | 17.3 | 0.0 | 14.9 | 0.0 | 2.1 | 0.0 | 1.3 |
| 17 | 0.5 | 1.1 | 0.0 | 0.9 | 1.0 | 0.9 | 0.0 | 2.8 | 0.0 | 1.3 | 0.0 | 2.2 | 0.5 | 3.2 | 0.0 | 1.3 | 0.5 | 13.8 | 14.0 | 12.3 | 0.0 | 2.0 | 0.0 | 1.3 |
| 18 | 0.0 | 1.0 | 1.5 | 0.8 | 0.0 | 0.9 | 0.0 | 2.7 | 0.0 | 1.3 | 0.0 | 1.9 | 7.5 | 3.1 | 0.0 | 1.3 | 8.0 | 11.2 | 0.5 | 10.5 | 0.0 | 2.0 | 0.0 | 1.3 |
| 19 | 0.0 | 1.0 | 0.5 | 0.7 | 0.0 | 0.9 | 0.0 | 2.5 | 0.0 | 1.2 | 4.5 | 1.9 | 0.5 | 2.9 | 18.0 | 1.6 | 121.0 | 39.0 | 0.0 | 8.9 | 0.0 | 1.9 | 0.0 | 1.2 |
| 20 | 0.0 | 1.0 | 2.0 | 0.7 | 0.0 | 1.0 | 0.0 | 2.4 | 0.0 | 1.2 | 16.0 | 2.2 | 1.0 | 2.7 | 141.0 | 11.2 | 1.0 | 31.5 | 0.0 | 7.8 | 0.0 | 1.8 | 0.0 | 1.2 |
| 21 | 0.0 | 1.1 | 1.0 | 0.7 | 0.0 | 1.2 | 0.0 | 2.2 | 0.0 | 1.2 | 0.5 | 2.1 | 25.0 | 3.0 | 34.0 | 41.3 | 0.5 | 19.4 | 0.0 | 6.9 | 0.0 | 1.8 | 0.0 | 1.2 |
| 22 | 0.0 | 1.1 | 0.5 | 0.7 | 22.0 | 1.2 | 0.0 | 2.1 | 0.0 | 1.2 | 15.0 | 2.3 | 1.5 | 2.9 | 9.0 | 16.4 | 0.0 | 13.8 | 0.0 | 6.2 | 0.0 | 1.7 | 0.5 | 1.1 |
| 23 | 0.0 | 1.0 | 0.0 | 0.6 | 30.0 | 5.6 | 0.0 | 2.0 | 0.0 | 1.2 | 9.5 | 3.1 | 0.0 | 2.6 | 9.5 | 11.1 | 0.0 | 10.9 | 0.0 | 5.6 | 0.5 | 1.7 | 2.0 | 1.1 |
| 24 | 0.0 | 0.9 | 0.0 | 0.6 | 0.0 | 5.5 | 0.0 | 2.0 | 0.0 | 1.2 | 11.5 | 4.2 | 0.0 | 2.5 | 3.5 | 8.7 | 0.0 | 9.1 | 0.0 | 5.0 | 0.0 | 1.6 | 1.5 | 1.2 |
| 25 | 0.0 | 1.0 | 0.5 | 0.6 | 5.5 | 4.5 | 0.0 | 2.1 | 0.0 | 1.2 | 0.0 | 4.4 | 0.0 | 2.3 | 0.0 | 6.9 | 3.0 | 7.9 | 33.0 | 6.1 | 0.0 | 1.6 | 9.0 | 1.2 |
| 26 | 0.0 | 0.9 | 2.0 | 0.6 | 0.5 | 4.1 | 0.0 | 2.0 | 0.0 | 1.2 | 0.0 | 4.0 | 0.0 | 2.2 | 0.0 | 6.0 | 0.5 | 6.9 | 1.5 | 5.2 | 0.0 | 1.5 | 4.0 | 1.2 |
| 27 | 1.0 | 0.9 | 0.5 | 0.6 | 3.5 | 3.7 | 0.0 | 1.9 | 0.0 | 1.2 | 0.0 | 3.5 | 0.5 | 2.1 | 0.0 | 5.2 | 11.0 | 6.3 | 31.5 | 7.0 | 0.0 | 1.5 | 8.5 | 1.1 |
| 28 | 1.0 | 0.9 | 0.0 | 0.9 | 4.5 | 3.7 | 0.0 | 1.8 | 0.0 | 1.1 | 0.5 | 3.2 | 1.5 | 2.0 | 0.0 | 4.6 | 33.5 | 8.4 | 0.0 | 7.6 | 58.5 | 3.1 | 4.5 | 1.2 |
| 29 | 0.0 | 0.8 | | | | | | 1.8 | 0.0 | 1.1 | 3.0 | 2.9 | 0.0 | 2.0 | 4.0 | 4.3 | 0.0 | 6.5 | 0.0 | 6.8 | 0.5 | 3.7 | 1.0 | 1.1 |
| 30 | 0.5 | 0.8 | | | | | | 1.8 | 0.0 | 1.1 | 1.0 | 2.7 | 1.5 | 1.9 | 7.0 | 4.0 | 15.5 | 6.2 | 0.0 | 6.2 | 0.0 | 2.6 | 0.5 | 1.0 |
| 31 | 0.0 | 0.8 | | | | | | 13.0 | 4.8 | 0.0 | 1.2 | 3.5 | 1.9 | 85.0 | 14.5 | | | | | | | | | 0.9 |
| Total | 6.0 | 35.1 | 42.5 | 21.5 | 125.0 | 59.2 | 43.5 | 95.9 | 0.0 | 40.9 | 134.5 | 65.7 | 157.5 | 79.1 | 375.0 | 165.1 | 382.0 | 334.2 | 469.5 | 446.7 | 70.0 | 79.9 | 39.5 | 44.6 |

表-8c. 1992年の久度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|------|------|-------|-------|------|------|------|------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | | |
| 1 | 0.0 | 1.0 | 0.6 | 0.0 | 3.0 | 3.0 | 2.5 | 6.1 | 35.5 | 3.2 | 0.0 | 2.1 | 0.0 | 1.0 | 0.5 | 2.0 | 8.0 | 1.7 | | | | | | |
| 2 | 0.0 | 1.0 | 1.5 | 0.5 | 4.7 | 0.0 | 2.8 | 5.6 | 9.5 | 3.8 | 0.0 | 2.0 | 1.0 | 0.9 | 0.0 | 1.9 | 0.5 | 1.6 | | | | | | |
| 3 | 0.0 | 0.9 | 0.6 | 0.0 | 4.4 | 0.0 | 2.7 | 5.2 | 4.0 | 3.4 | 0.0 | 1.9 | 0.0 | 0.8 | 0.0 | 1.8 | 0.5 | 1.5 | | | | | | |
| 4 | 0.0 | 0.9 | 8.5 | 1.0 | 0.6 | 0.0 | 3.9 | 4.8 | 2.5 | 3.5 | 0.0 | 1.9 | 0.0 | 0.7 | 0.0 | 1.7 | 0.0 | 1.4 | | | | | | |
| 5 | 0.0 | 0.9 | 0.0 | 0.7 | 13.5 | 0.7 | 40.0 | 6.1 | 0.0 | 2.4 | 3.5 | 2.5 | 3.0 | 4.4 | 0.0 | 3.6 | 0.0 | 1.3 | | | | | | |
| 6 | 13.0 | 0.9 | 0.6 | 9.5 | 1.0 | 0.6 | 9.5 | 6.1 | 0.0 | 2.3 | 0.0 | 2.4 | 1.0 | 4.1 | 0.0 | 3.5 | 0.0 | 1.3 | | | | | | |
| 7 | 2.5 | 0.9 | 0.0 | 0.6 | 0.0 | 0.8 | 0.0 | 5.5 | 0.0 | 2.2 | 1.0 | 2.3 | 0.0 | 1.7 | 0.0 | 1.7 | 1.5 | 1.2 | | | | | | |
| 8 | 0.5 | 0.9 | 0.0 | 0.6 | 0.0 | 0.7 | 0.0 | 4.8 | 1.0 | 2.2 | 14.5 | 2.5 | 1.5 | 3.5 | 0.0 | 1.7 | 22.5 | 1.1 | | | | | | |
| 9 | 1.5 | 0.9 | 0.0 | 0.6 | 0.0 | 0.7 | 0.0 | 4.3 | 5.5 | 2.3 | 0.0 | 2.2 | 0.0 | 3.3 | 48.0 | 6.4 | 0.0 | 1.4 | | | | | | |
| 10 | 1.0 | 0.8 | 0.0 | 0.5 | 3.5 | 0.8 | 22.0 | 4.6 | 11.0 | 2.3 | 0.0 | 2.1 | 0.0 | 5.0 | 0.0 | 1.6 | 59.0 | 8.5 | | | | | | |
| 11 | 0.0 | 0.8 | 0.0 | 0.5 | 0.0 | 0.8 | 0.5 | 4.5 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 8.0 | 0.0 | 1.5 | 7.0 | 2.0 | | | | | | |
| 12 | 0.0 | 0.8 | 0.0 | 0.5 | 0.0 | 0.8 | 0.5 | 4.5 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 8.0 | 0.0 | 1.5 | 5.5 | 2.7 | | | | | | |
| 13 | 0.0 | 0.8 | 0.0 | 0.5 | 0.0 | 0.8 | 0.5 | 4.5 | 0.0 | 1.9 | 0.0 | 1.9 | 5.0 | 2.9 | 8.0 | 23.4 | 0.0 | 1.4 | | | | | | |
| 14 | 0.5 | 0.8 | 0.0 | 0.5 | 0.0 | 0.7 | 1.0 | 4.5 | 0.0 | 1.8 | 0.0 | 1.8 | 7.0 | 2.9 | 4.0 | 14.7 | 0.0 | 1.4 | | | | | | |
| 15 | 0.0 | 0.7 | 0.0 | 0.5 | 0.0 | 0.8 | 0.0 | 3.9 | 8.5 | 1.8 | 5.5 | 1.8 | 23.5 | 2.9 | 0.0 | 8.1 | 0.0 | 1.3 | | | | | | |
| 16 | 0.5 | 0.7 | 0.0 | 0.5 | 6.0 | 0.9 | 8.0 | 3.8 | 6.5 | 2.0 | 0.0 | 1.7 | 19.0 | 3.3 | 0.0 | 6.6 | 0.0 | 1.2 | | | | | | |
| 17 | 0.0 | 0.7 | 0.0 | 0.5 | 0.5 | 1.0 | 0.0 | 3.5 | 0.5 | 1.8 | 1.0 | 1.6 | 1.0 | 3.1 | 7.5 | 5.7 | 0.5 | 1.3 | | | | | | |
| 18 | 0.0 | 0.7 | 0.0 | 0.5 | 2.5 | 1.0 | 0.0 | 3.2 | 12.0 | 2.0 | 10.5 | 1.7 | 1.5 | 2.8 | 2.0 | 5.0 | 1.0 | 1.2 | | | | | | |
| 19 | 0.0 | 0.7 | 0.0 | 0.5 | 9.0 | 1.0 | 13.0 | 3.3 | 0.0 | 2.0 | 0.0 | 1.6 | 0.0 | 2.6 | 0.0 | 4.4 | 5.5 | 1.2 | | | | | | |
| 20 | 0.0 | 0.7 | 0.0 | 0.5 | 5.0 | 1.1 | 0.0 | 3.0 | 21.0 | 2.2 | 60.0 | 3.9 | 0.0 | 2.5 | 1.5 | 4.0 | 0.0 | 1.1 | | | | | | |
| 21 | 0.0 | 0.7 | 0.0 | 0.5 | 7.5 | 1.5 | 0.0 | 2.8 | 0.0 | 2.5 | 5.5 | 6.6 | 12.0 | 2.5 | 3.5 | 3.7 | 0.0 | 6.0 | | | | | | |
| 22 | 0.5 | 0.7 | 0.0 | 0.4 | 15.0 | 1.3 | 23.0 | 3.3 | 0.5 | 2.4 | 0.5 | 4.8 | 0.0 | 2.4 | 0.0 | 3.3 | 0.0 | 1.0 | | | | | | |
| 23 | 0.0 | 0.7 | 0.0 | 0.4 | 0.5 | 1.3 | 0.0 | 3.3 | 2.5 | 2.3 | 42.5 | 5.2 | 0.0 | 2.3 | 0.0 | 3.1 | 0.0 | 3.5 | | | | | | |
| 24 | 0.0 | 0.6 | 0.0 | 0.4 | 26.0 | 1.4 | 0.0 | 3.1 | 6.0 | 2.3 | 23.5 | 13.1 | 55.0 | 3.5 | 1.5 | 3.0 | 0.0 | 1.0 | | | | | | |
| 25 | 0.0 | 0.6 | 0.0 | 0.4 | 2.5 | 2.3 | 1.0 | 3.1 | 11.0 | 2.2 | 0.0 | 11.3 | 1.5 | 4.9 | 0.0 | 2.7 | 8.0 | 0.9 | | | | | | |
| 26 | 0.0 | 0.6 | 0.0 | 0.4 | 5.5 | 3.5 | 0.0 | 2.9 | 5.5 | 2.2 | 11.5 | 9.0 | 0.0 | 3.5 | 0.0 | 2.6 | 2.5 | 0.9 | | | | | | |
| 27 | 0.0 | 0.6 | 0.0 | 0.4 | 0.0 | 3.8 | 0.0 | 2.8 | 9.0 | 2.2 | 0.0 | 7.3 | 0.0 | 3.2 | 0.0 | 2.5 | 0.0 | 0.9 | | | | | | |
| 28 | 0.0 | 0.6 | 0.0 | 0.5 | 0.0 | 3.4 | 0.0 | 2.7 | 5.0 | 2.6 | 0.0 | 6.0 | 0.0 | 3.0 | 0.0 | 2.4 | 0.0 | 0.9 | | | | | | |
| 29 | 1.0 | 0.6 | 0.0 | 0.6 | 12.0 | 3.3 | 0.0 | 2.6 | 0.0 | 2.4 | 0.0 | 5.2 | 0.0 | 2.8 | 0.0 | 2.4 | 9.5 | 2.1 | | | | | | |
| 30 | 0.0 | 0.6 | 0.0 | 0.6 | 6.0 | 5.3 | 30.0 | 3.2 | 19.5 | 2.8 | 32.0 | 5.5 | 0.0 | 2.7 | 0.0 | 2.2 | 34.5 | 2.0 | | | | | | |
| 31 | 15.0 | 0.6 | 0.0 | 0.6 | 0.0 | 5.9 | 0.0 | 0.5 | 3.0 | 0.5 | 0.0 | 2.5 | 0.0 | 2.2 | 0.0 | 2.2 | 0.0 | 0.8 | | | | | | |
| Total | 36.0 | 23.2 | 26.0 | 15.8 | 124.5 | 49.8 | 165.0 | 117.7 | 126.0 | 71.2 | 210.5 | 118.8 | 144.0 | 105.8 | 214.0 | 159.5 | 61.5 | 41.9 | 265.0 | 110.9 | 87.5 | 61.1 | 47.5 | 39.0 |

表-8d. 1993年の久度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | * | * | * | 0.0 |
| 2 | 0.0 | 0.8 | 0.0 | 0.0 | 22.0 | 1.5 | 18.5 | 0.0 | * | * | 0.0 | 0.5 |
| 3 | 0.0 | 0.7 | 0.5 | 0.0 | 2.5 | 7.0 | 36.0 | 21.5 | * | * | 0.0 | 4.0 |
| 4 | 0.0 | 0.7 | 0.0 | 6.0 | 0.0 | 0.0 | 0.5 | 0.0 | * | * | 0.0 | 0.5 |
| 5 | 0.0 | 0.7 | 0.0 | 4.5 | 0.0 | 1.0 | 43.5 | 1.5 | * | * | 0.0 | 0.0 |
| 6 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 18.0 | * | * | 0.0 | 0.0 |
| 7 | 41.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 14.0 | 1.5 | * | * | 0.5 | 0.5 |
| 8 | 1.0 | 1.3 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | * | * | 3.5 | 0.5 |
| 9 | 0.5 | 0.9 | 0.0 | 0.0 | 2.0 | 22.5 | 0.0 | 0.5 | * | * | 0.0 | 0.0 |
| 10 | 0.5 | 0.9 | 0.5 | 0.0 | 53.5 | 4.0 | 0.0 | 11.0 | * | * | 0.0 | 25.5 |
| 11 | 0.5 | 0.8 | 0.0 | 2.0 | 3.0 | 2.5 | 0.5 | 35.5 | * | * | 0.0 | 4.5 |
| 12 | 0.0 | 0.8 | 0.5 | 3.5 | 0.0 | 0.0 | 2.0 | 0.0 | * | * | 0.0 | 0.0 |
| 13 | 0.5 | * | 0.0 | 0.0 | 0.0 | 2.0 | 1.5 | 0.0 | * | * | 63.0 | 0.0 |
| 14 | 6.5 | * | 0.5 | 0.0 | 42.5 | 7.0 | 2.0 | 0.5 | * | * | 0.0 | 1.5 |
| 15 | 13.5 | * | 0.0 | 0.0 | 0.5 | 3.5 | 3.5 | 1.5 | * | * | 0.0 | 0.0 |
| 16 | 18.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.0 | * | * | 0.0 | 0.0 |
| 17 | 1.0 | * | 16.0 | 0.0 | 0.0 | 1.0 | 2.0 | * | * | * | 0.0 | 0.0 |
| 18 | 1.0 | * | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | * | * | * | 0.0 | 0.0 |
| 19 | 0.5 | * | 1.0 | 0.0 | 0.0 | 17.0 | 26.0 | * | * | * | 0.0 | 0.0 |
| 20 | 0.5 | * | 0.0 | 0.0 | 0.0 | 30.0 | 1.0 | * | * | * | 5.0 | 8.0 |
| 21 | 0.5 | * | 14.0 | 0.0 | 0.0 | 27.0 | 1.0 | * | * | * | 13.0 | 1.5 |
| 22 | 0.0 | * | 1.5 | 2.0 | 1.0 | 0.0 | 0.5 | * | * | * | 0.0 | 0.0 |
| 23 | 0.0 | * | 1.5 | 0.0 | 0.5 | 29.0 | 0.0 | * | * | * | 0.0 | 0.0 |
| 24 | 4.0 | * | 0.0 | 0.0 | 0.0 | 1.0 | 14.5 | * | * | * | 0.5 | 0.0 |
| 25 | 24.5 | * | 1.0 | 1.0 | 0.0 | 0.0 | 34.0 | * | * | * | 0.5 | 0.0 |
| 26 | 8.5 | * | 1.0 | 0.0 | 0.0 | 4.5 | 15.5 | * | * | * | 0.0 | 0.0 |
| 27 | 2.5 | * | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | * | * | * | 0.0 | 0.5 |
| 28 | 3.0 | * | 0.5 | 12.5 | 0.0 | 0.0 | 0.0 | * | * | * | 0.0 | 0.0 |
| 29 | 1.5 | * | 2.5 | 10.0 | 0.0 | 32.5 | 0.0 | * | * | * | 0.0 | 0.0 |
| 30 | 1.0 | * | 0.0 | 0.0 | 0.0 | 23.0 | 4.5 | * | * | * | 0.0 | 0.0 |
| 31 | 0.5 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | * | * | * | 0.0 | 0.5 |
| Total | 131.0 | * | 42.0 | 41.0 | 127.5 | 216.0 | 224.5 | * | * | * | 86.0 | 48.0 |

但し、*は欠測

表-8e. 1994年の久度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 6.0 | * 1.0 | * 0.5 | * 0.0 | * * | * * | * * |
| 2 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.5 | * 0.0 | * 0.0 | * 2.0 | * * | * * | * * |
| 3 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.5 | * 0.0 | * 0.0 | * 0.0 | * * | * * | * * |
| 4 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 20.0 | * 0.0 | * * | * * | * * |
| 5 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 7.0 | * 0.0 | * * | * * | * * |
| 6 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 7.5 | * 0.0 | * 0.0 | * * | * * | * * |
| 7 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 6.0 | * 0.0 | * 0.5 | * * | * * | * * |
| 8 | 0.0 | * | 8.5 | * 0.0 | * 0.0 | * 0.0 | * 11.0 | * 0.0 | * 14.0 | * * | * * | * * |
| 9 | 0.0 | * | 5.5 | * 0.0 | * 0.0 | * 7.0 | * 2.5 | * 3.0 | * 0.0 | * * | * * | * * |
| 10 | 0.0 | * | 0.5 | * 0.0 | * 0.0 | * 0.0 | * 0.5 | * 0.0 | * 0.0 | * * | * * | * 0.5 |
| 11 | 2.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 23.5 | * 0.0 | * 0.0 | * * | * * | * 1.5 |
| 12 | 0.5 | * | 1.0 | * 0.0 | * 0.0 | * 0.5 | * 0.0 | * 0.0 | * 0.0 | * * | * * | * 1.0 |
| 13 | 1.5 | * | 1.0 | * 0.0 | * 0.0 | * 0.5 | * 0.0 | * 0.0 | * 0.0 | * * | * * | * 10.5 |
| 14 | 16.0 | * | 0.5 | * 0.0 | * 0.0 | * 15.0 | * 0.0 | * 0.0 | * 46.0 | * * | * * | * 0.0 |
| 15 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 2.5 | * * | * * | * 0.0 |
| 16 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 1.0 | * 0.0 | * 0.0 | * 4.5 | * * | * * | * 0.0 |
| 17 | 25.0 | * | 0.0 | * 0.0 | * 11.0 | * 0.0 | * 0.0 | * 0.0 | * * | * * | * * | * 0.5 |
| 18 | 11.0 | * | 0.0 | * 0.0 | * 13.5 | * 2.5 | * 39.0 | * 0.0 | * * | * * | * * | * 0.0 |
| 19 | 3.0 | * | 0.0 | * 0.0 | * 0.0 | * 44.5 | * 0.5 | * 7.5 | * * | * * | * * | * 0.0 |
| 20 | 1.0 | * | 0.0 | * 0.0 | * 0.0 | * 4.0 | * 0.0 | * 34.0 | * * | * * | * * | * 0.0 |
| 21 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 24.0 | * * | * * | * * | * 0.0 |
| 22 | 0.0 | * | 16.5 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 27.0 | * * | * * | * * | * 0.0 |
| 23 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * * | * * | * * | * 0.0 |
| 24 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.5 | * 0.0 | * 0.0 | * * | * * | * * | * 0.0 |
| 25 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 3.5 | * 0.0 | * 0.0 | * * | * * | * * | * 0.0 |
| 26 | 0.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * * | * * | * * | * 0.0 |
| 27 | 0.5 | * | 0.0 | * 0.0 | * 8.5 | * 0.0 | * 9.0 | * 0.0 | * * | * * | * * | * 4.5 |
| 28 | 0.5 | * | 0.0 | * 0.0 | * 0.5 | * 8.0 | * 0.0 | * 0.0 | * * | * * | * * | * 6.0 |
| 29 | 5.0 | * | 0.0 | * 0.0 | * 0.0 | * 0.5 | * 25.5 | * 0.0 | * * | * * | * * | * 4.0 |
| 30 | 1.5 | * | 0.0 | * 0.0 | * 4.0 | * 0.0 | * 3.5 | * 4.5 | * * | * * | * * | * 0.0 |
| 31 | 0.5 | * | 0.0 | * 0.0 | * 0.0 | * 34.0 | * 34.0 | * 0.5 | * * | * * | * * | * 0.5 |
| Total | 68.0 | * | 34.0 | * 0.0 | * 37.5 | * 105.0 | * 163.5 | * 128.0 | * * | * * | * * | * * |

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表-8f. 1995年の欠度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.5 | * | 0.0 | * | 0.0 | * | 6.5 | * | 0.0 | * | 0.5 | * |
| 2 | 0.0 | * | 0.0 | * | 0.5 | * | 0.0 | * | 0.0 | * | 1.5 | * |
| 3 | 0.0 | * | 0.0 | * | 0.0 | * | 12.5 | * | 0.0 | * | 0.0 | * |
| 4 | 37.5 | * | 0.0 | * | 0.0 | * | 17.5 | * | 0.0 | * | 0.5 | * |
| 5 | 0.0 | * | 2.0 | * | 0.0 | * | 46.0 | * | 0.0 | * | 0.5 | * |
| 6 | 0.5 | * | 0.5 | * | 0.0 | * | 16.0 | * | 26.0 | * | 0.0 | * |
| 7 | 0.0 | * | 0.5 | * | 6.0 | * | 0.5 | * | 0.0 | * | 0.5 | * |
| 8 | 0.0 | * | 0.0 | * | 0.0 | * | 25.0 | * | 0.0 | * | 31.5 | * |
| 9 | 0.5 | * | 0.0 | * | 5.0 | * | 1.5 | * | 0.0 | * | 0.0 | * |
| 10 | 0.0 | * | 0.0 | * | 2.0 | * | 0.0 | * | 0.0 | * | 0.0 | * |
| 11 | 0.0 | * | 0.0 | * | 0.0 | * | 1.0 | * | 0.0 | * | 0.0 | * |
| 12 | 0.0 | * | 1.5 | * | 13.0 | * | 8.0 | * | 0.0 | * | 0.0 | * |
| 13 | 0.0 | * | 10.5 | * | 0.0 | * | 0.0 | * | 0.0 | * | 0.0 | * |
| 14 | 0.0 | * | 1.0 | * | 6.0 | * | 10.0 | * | 19.0 | * | 0.0 | * |
| 15 | 0.5 | * | 0.5 | * | 1.5 | * | 0.0 | * | 22.0 | * | 0.0 | * |
| 16 | 0.0 | * | 0.5 | * | 0.5 | * | 2.5 | * | 80.5 | * | 0.0 | * |
| 17 | 0.0 | * | 0.5 | * | 1.0 | * | 2.5 | * | 84.0 | * | 0.0 | * |
| 18 | 0.0 | * | 0.0 | * | 3.5 | * | 4.5 | * | 0.0 | * | 0.0 | * |
| 19 | 1.0 | * | 0.0 | * | 5.0 | * | 1.0 | * | 0.0 | * | 0.0 | * |
| 20 | 0.0 | * | 0.0 | * | 0.0 | * | 4.0 | * | 0.0 | * | 0.0 | * |
| 21 | 0.0 | * | 0.0 | * | 0.0 | * | 5.5 | * | 0.0 | * | 0.5 | * |
| 22 | 18.0 | * | 0.0 | * | 0.0 | * | 7.5 | * | 0.0 | * | 0.0 | * |
| 23 | 0.0 | * | 0.0 | * | 4.0 | * | 0.0 | * | 0.0 | * | 0.5 | * |
| 24 | 0.5 | * | 0.5 | * | 0.0 | * | 0.0 | * | 9.0 | * | 0.0 | * |
| 25 | 0.0 | * | 0.0 | * | 0.5 | * | 10.0 | * | 0.0 | * | 6.0 | * |
| 26 | 0.0 | * | 0.0 | * | 7.5 | * | 0.0 | * | 0.5 | * | 0.0 | * |
| 27 | 0.0 | * | 1.0 | * | * | * | 0.0 | * | 0.0 | * | 0.0 | * |
| 28 | 0.0 | * | 1.5 | * | * | * | 0.0 | * | 0.0 | * | 0.0 | * |
| 29 | 0.0 | * | 0.0 | * | * | * | 8.0 | * | 0.0 | * | 0.0 | * |
| 30 | 0.0 | * | 17.0 | * | * | * | 0.5 | * | 9.0 | * | 0.0 | * |
| 31 | 0.5 | * | 6.0 | * | * | * | 0.0 | * | 4.5 | * | 0.0 | * |
| Total | 59.5 | * | 17.5 | * | 129.5 | * | 190.5 | * | 67.5 | * | 215.0 | * |
| | | | | | | | | | | | 54.0 | * |
| | | | | | | | | | | | 52.5 | * |
| | | | | | | | | | | | 3.0 | * |

但し、*は欠測

表-8g. 1996年の久度沢流量および雨量月報

| January | February | March | April | May | June | July | August | September | October | November | December |
|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| day | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 0.3 | 5.5 | 0.4 | 5.5 | 2.9 | 0.0 | 1.0 | 0.0 | 0.9 | 0.0 |
| 2 | 0.0 | 0.3 | 1.5 | 0.4 | 3.0 | 2.3 | 3.0 | 1.0 | 0.0 | 0.9 | 0.0 |
| 3 | 0.0 | 0.3 | 0.0 | 1.5 | 2.0 | 0.0 | 0.0 | 0.9 | 0.0 | 0.9 | 0.0 |
| 4 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 1.7 | 0.0 | 1.0 | 0.0 | 0.8 | 0.0 |
| 5 | 0.0 | 0.3 | 0.5 | 0.3 | 0.0 | 1.6 | 27.0 | 1.7 | 0.0 | 0.8 | 1.5 |
| 6 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 1.4 | 0.0 | 1.4 | 0.0 | 0.8 | 0.0 |
| 7 | 0.0 | 0.3 | 3.5 | 0.3 | 0.0 | 1.3 | 0.0 | 1.3 | 0.5 | 0.8 | 4.0 |
| 8 | 14.5 | 0.3 | 1.5 | 0.3 | 0.0 | 1.3 | 4.5 | 2.2 | 0.0 | 4.5 | 45.5 |
| 9 | 0.0 | 0.3 | 0.5 | 0.3 | 0.0 | 1.2 | 26.5 | 2.2 | 0.0 | 0.8 | 4.5 |
| 10 | 1.0 | 0.3 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 2.1 | 0.0 | 6.5 | 30.0 |
| 11 | 0.0 | 0.3 | 0.5 | 0.3 | 0.0 | 1.1 | 0.0 | 2.0 | 0.0 | 0.8 | 0.5 |
| 12 | 0.0 | 0.3 | 1.5 | 0.3 | 0.0 | 1.0 | 6.0 | 2.0 | 0.0 | 0.8 | 0.0 |
| 13 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 1.0 | 0.5 | 1.8 | 0.0 | 0.8 | 0.0 |
| 14 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.9 | 0.0 | 1.7 | 0.0 | 0.9 | 6.0 |
| 15 | 8.0 | 0.3 | 2.0 | 0.6 | 27.0 | 1.5 | 0.0 | 1.5 | 0.0 | 0.8 | 0.0 |
| 16 | 0.5 | 6.0 | 22.5 | 2.7 | 0.5 | 1.5 | 0.0 | 1.5 | 0.0 | 0.8 | 0.0 |
| 17 | 0.0 | 0.3 | 0.0 | 1.7 | 3.5 | 1.5 | 0.0 | 1.4 | 11.0 | 0.9 | 0.0 |
| 18 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 1.4 | 0.0 | 1.3 | 0.0 | 0.8 | 16.0 |
| 19 | 0.0 | 0.3 | 0.0 | 0.8 | 3.0 | 1.3 | 0.0 | 1.3 | 0.0 | 0.7 | 2.5 |
| 20 | 1.0 | 0.3 | 0.0 | 0.8 | 3.0 | 1.3 | 0.0 | 1.2 | 0.0 | 0.7 | 69.0 |
| 21 | 0.5 | 0.3 | 10.5 | 1.4 | 3.0 | 1.2 | 7.0 | 1.3 | 2.0 | 0.8 | 8.0 |
| 22 | 0.0 | 0.3 | 0.0 | 1.5 | 0.5 | 1.2 | 0.0 | 1.2 | 25.5 | 1.0 | 3.0 |
| 23 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 1.2 | 0.0 | 1.1 | 6.5 | 1.0 | 0.0 |
| 24 | 0.0 | 0.3 | 7.5 | 1.3 | 0.0 | 1.2 | 0.0 | 1.1 | 6.5 | 1.2 | 0.0 |
| 25 | 0.0 | 0.3 | 0.5 | 1.4 | 0.0 | 1.1 | 0.0 | 1.0 | 32.0 | 2.2 | 0.0 |
| 26 | 0.5 | 0.4 | 0.5 | 1.4 | 0.0 | 1.1 | 0.0 | 1.0 | 0.0 | 1.7 | 0.0 |
| 27 | 0.0 | 0.3 | 0.5 | 1.2 | 0.0 | 1.1 | 0.0 | 1.0 | 0.0 | 1.5 | 1.5 |
| 28 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 1.0 | 0.0 | 1.0 | 0.5 | 1.3 | 11.5 |
| 29 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.3 | 3.0 |
| 30 | 0.5 | 0.3 | 31.0 | 2.5 | 0.0 | 1.1 | 0.0 | 0.9 | 0.0 | 1.0 | 0.0 |
| 31 | 0.0 | 0.3 | 0.5 | 4.2 | 0.0 | 0.9 | 0.0 | 0.9 | 4.0 | 2.8 | 1.0 |
| Total | 26.5 | 9.5 | 117.5 | 29.9 | 50.5 | 40.4 | 70.0 | 41.9 | 96.5 | 29.1 | 204.5 |
| | | 43.5 | | | | 91.0 | 77.0 | 59.1 | 329.5 | 195.7 | 85.0 |
| | | | | | | | | | 143.4 | 67.5 | 70.8 |
| | | | | | | | | | | 43.5 | 46.2 |

但し, *は欠測

表-8h. 1997年の久度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|------|------|------|-------|------|-----|-----|-------|-----|------|---|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | | |
| 1 | 0.0 | 1.1 | 0.0 | 0.7 | 0.0 | 1.5 | 0.0 | 1.1 | 0.0 | 2.6 | 0.0 | 3.2 | 0.0 | 2.5 | 0.0 | 1.2 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.5 | * | |
| 2 | 5.0 | 1.2 | 0.0 | 0.7 | 0.0 | 1.4 | 0.0 | 1.1 | 0.0 | 2.3 | 0.0 | 2.9 | 1.0 | 2.5 | 0.0 | 1.2 | 2.5 | 2.7 | 0.0 | 0.0 | 0.0 | 2.0 | * | |
| 3 | 0.0 | 1.1 | 0.0 | 0.7 | 0.0 | 1.3 | 3.5 | 1.1 | 0.0 | 2.2 | 0.0 | 2.8 | 0.0 | 2.4 | 1.0 | 1.2 | 0.0 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | * | |
| 4 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 1.3 | 6.0 | 1.2 | 5.5 | 2.1 | 0.0 | 2.6 | 0.0 | 2.4 | 0.0 | 1.1 | 4.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | * | |
| 5 | 9.0 | 1.0 | 0.0 | 0.7 | 0.0 | 1.4 | 0.0 | 1.1 | 1.0 | 2.0 | 0.0 | 2.5 | 3.0 | 2.3 | 0.5 | 1.1 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.5 | * | |
| 6 | 6.5 | 1.0 | 0.0 | 0.7 | 0.0 | 0.6 | 50.5 | 3.0 | 0.0 | 1.1 | 5.0 | 2.4 | 3.5 | 2.3 | 0.0 | 1.1 | 0.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | * | |
| 7 | 0.5 | 1.0 | 0.0 | 0.7 | 0.0 | 0.7 | 33.5 | 8.8 | 0.0 | 1.0 | 0.0 | 1.8 | 0.0 | 2.2 | 2.0 | 1.2 | 0.0 | 2.2 | 0.0 | 0.0 | 0.0 | 2.5 | * | |
| 8 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 0.7 | 0.5 | 8.2 | 10.5 | 1.1 | 0.0 | 1.7 | 0.0 | 2.2 | 2.0 | 1.4 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 7.0 | * | |
| 9 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 5.8 | 2.0 | 1.1 | 3.5 | 1.7 | 16.0 | 2.2 | 0.0 | 2.1 | 13.5 | 1.6 | 0.0 | 1.9 | 0.0 | 0.0 | * | |
| 10 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 0.6 | 0.0 | 4.4 | 0.0 | 1.0 | 6.0 | 3.0 | 3.0 | 2.0 | 0.0 | 1.4 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | * | |
| 11 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 3.6 | 0.0 | 1.0 | 21.0 | 2.3 | 5.0 | 1.9 | 0.0 | 1.3 | 0.0 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | * | |
| 12 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 0.6 | 0.0 | 3.1 | 0.0 | 0.9 | 8.5 | 2.1 | 23.0 | 3.6 | 0.5 | 1.8 | 11.0 | 1.3 | 0.0 | 1.7 | 0.0 | 0.0 | * | |
| 13 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 0.6 | 0.0 | 2.7 | 1.0 | 0.9 | 0.0 | 2.1 | 7.5 | 3.8 | 11.0 | 1.9 | 5.0 | 1.5 | 0.0 | 1.6 | 0.0 | 0.0 | * | |
| 14 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 0.6 | 0.0 | 2.4 | 14.5 | 1.1 | 0.0 | 1.9 | 0.0 | 3.4 | 3.5 | 1.9 | 8.5 | 1.4 | 0.0 | 0.0 | 4.0 | 0.0 | * | |
| 15 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 0.8 | 0.0 | 2.2 | 3.0 | 1.2 | 0.0 | 1.8 | 0.0 | 3.1 | 1.5 | 1.8 | 39.5 | 4.0 | 0.0 | 0.0 | 0.5 | 0.0 | * | |
| 16 | 0.0 | 0.9 | 17.0 | 0.7 | 2.5 | 0.8 | 0.0 | 2.1 | 0.5 | 1.1 | 1.0 | 1.7 | 0.0 | 2.9 | 0.5 | 1.8 | 14.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | * | |
| 17 | 0.0 | 0.9 | 0.5 | 0.7 | 1.0 | 0.8 | 0.0 | 1.9 | 0.0 | 1.1 | 0.0 | 1.7 | 8.0 | 2.8 | 0.5 | 1.8 | 7.5 | 3.4 | 0.0 | 0.0 | 15.0 | 0.0 | 1.5 | * |
| 18 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 1.8 | 0.0 | 1.0 | 10.0 | 1.7 | 11.0 | 3.1 | 0.0 | 1.8 | 10.0 | 3.1 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 | * |
| 19 | 0.0 | 0.8 | 0.0 | 0.7 | 0.0 | 0.7 | 1.0 | 1.7 | 0.0 | 0.9 | 2.0 | 1.8 | 0.0 | 2.7 | 0.0 | 1.7 | 2.5 | 3.2 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | * |
| 20 | 0.0 | 0.8 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 1.6 | 4.0 | 0.9 | 94.5 | 13.0 | 0.0 | 2.5 | 0.5 | 1.6 | 0.0 | 2.8 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | * |
| 21 | 0.0 | 0.8 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 1.5 | 10.0 | 1.0 | 0.0 | 12.2 | 0.0 | 2.4 | 0.5 | 1.6 | 0.5 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | * |
| 22 | 0.0 | 0.8 | 0.0 | 0.6 | 6.5 | 0.9 | 2.0 | 1.5 | 19.5 | 1.8 | 0.0 | 7.9 | 0.0 | 2.3 | 0.0 | 1.6 | 1.5 | 2.5 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | * |
| 23 | 0.0 | 0.8 | 0.0 | 0.6 | 2.5 | 0.9 | 3.0 | 1.5 | 0.0 | 1.3 | 0.5 | 6.4 | 0.0 | 2.1 | 4.5 | 1.5 | 18.0 | 2.8 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | * |
| 24 | 7.5 | 0.8 | 0.0 | 0.6 | 1.5 | 0.8 | 0.0 | 1.4 | 28.0 | 1.6 | 0.0 | 5.3 | 0.0 | 2.0 | 0.0 | 1.5 | 6.5 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | * |
| 25 | 1.5 | 0.8 | 0.0 | 0.7 | 0.0 | 0.8 | 0.0 | 1.3 | 15.5 | 3.0 | 0.0 | 4.5 | 0.0 | 2.0 | 1.5 | 1.4 | 1.5 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | * |
| 26 | 0.5 | 0.8 | 0.0 | 0.8 | 0.0 | 0.8 | 0.0 | 1.3 | 23.5 | 3.7 | 0.0 | 4.0 | 40.5 | 3.0 | 0.5 | 1.5 | 15.5 | 4.1 | 0.0 | 0.0 | 44.0 | 0.0 | 0.0 | * |
| 27 | 0.0 | 0.8 | 0.0 | 0.7 | 5.5 | 0.9 | 0.0 | 1.2 | 6.0 | 4.2 | 0.0 | 3.6 | 5.0 | 3.4 | 0.0 | 1.4 | 0.0 | 4.5 | 0.0 | 0.0 | 3.5 | 0.0 | 0.0 | * |
| 28 | 0.0 | 0.8 | 0.0 | 0.7 | 0.5 | 0.9 | 4.0 | 1.2 | 0.0 | 3.7 | 36.0 | 3.7 | 9.0 | 3.0 | 0.0 | 1.3 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | * |
| 29 | 0.0 | 0.8 | 0.0 | 0.7 | 22.5 | 1.0 | 0.0 | 1.2 | 0.0 | 3.2 | 4.5 | 4.5 | 0.5 | 2.8 | 0.0 | 1.3 | 0.0 | 3.6 | 0.0 | 0.0 | 24.0 | 0.0 | 0.0 | * |
| 30 | 0.0 | 0.8 | 0.0 | 0.7 | 7.0 | 2.9 | 0.5 | 1.2 | 0.0 | 2.9 | 0.0 | 3.5 | 2.0 | 2.8 | 0.0 | 1.2 | 0.5 | 3.2 | 0.0 | 0.0 | 11.5 | 0.0 | 3.5 | * |
| 31 | 0.0 | 0.7 | 0.0 | 1.9 | 0.0 | 1.9 | 0.0 | 5.0 | 2.8 | 0.0 | 0.0 | 0.5 | 2.7 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | * |
| Total | 30.5 | 6.3 | 17.5 | 19.4 | 49.5 | 26.7 | 99.5 | 73.5 | 152.5 | 50.3 | 199.0 | 105.7 | 159.0 | 85.4 | 37.0 | 56.3 | 173.0 | 70.5 | 6.5 | 0.0 | 108.5 | 0.0 | 21.0 | * |

但し、*は欠測

表-8i. 1998年の久度沢流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff |
| 1 | 0.0 | * | 0.0 | * | 25.0 | 2.5 | 21.0 | 4.1 | 0.0 | 3.2 | 0.0 | 3.9 | 0.0 | 3.6 | 0.5 | 4.4 | 4.0 | 11.0 | 34.5 | 13.3 | 0.0 | 3.9 | 0.5 | 1.5 |
| 2 | 0.0 | * | 0.0 | * | 2.5 | 2.2 | 30.5 | 4.4 | 0.0 | 3.1 | 0.5 | 3.6 | 0.0 | 3.4 | 0.0 | 3.9 | 8.5 | 10.4 | 0.0 | 12.8 | 0.0 | 3.7 | 2.0 | 1.5 |
| 3 | 0.0 | * | 0.0 | * | 1.0 | 2.2 | 0.5 | 3.8 | 13.0 | 3.2 | 2.5 | 3.4 | 0.0 | 3.2 | 0.0 | 3.6 | 0.0 | 8.9 | 0.0 | 11.0 | 0.0 | 3.4 | 1.5 | 1.5 |
| 4 | 0.5 | * | 0.0 | * | 0.0 | 2.2 | 0.0 | 3.9 | 0.5 | 2.9 | 0.0 | 3.2 | 0.0 | 3.0 | 10.5 | 5.1 | 0.0 | 7.5 | 0.0 | 9.5 | 0.0 | 3.3 | 14.0 | 1.5 |
| 5 | 0.0 | * | 0.0 | * | 7.0 | 2.2 | 0.0 | 4.5 | 0.0 | 2.7 | 12.0 | 3.1 | 0.0 | 2.9 | 10.0 | 4.9 | 0.0 | 6.5 | 0.0 | 8.2 | 0.0 | 3.1 | 10.5 | 1.7 |
| 6 | 0.0 | * | 0.0 | * | 3.5 | 2.1 | 7.0 | 5.5 | 0.0 | 2.7 | 7.5 | 3.1 | 0.0 | 2.7 | 1.0 | 4.7 | 0.5 | 5.6 | 0.0 | 7.3 | 0.0 | 2.9 | 0.5 | 1.6 |
| 7 | 0.0 | * | 1.0 | * | 0.5 | 2.0 | 16.5 | 7.7 | 0.0 | 2.6 | 0.5 | 2.9 | 0.0 | 2.6 | 8.0 | 4.5 | 12.0 | 5.3 | 7.5 | 6.6 | 0.0 | 2.9 | 8.0 | 1.7 |
| 8 | 20.5 | * | 1.5 | * | 0.5 | 1.9 | 16.0 | 8.4 | 3.0 | 2.5 | 0.0 | 2.8 | 0.0 | 2.5 | 1.0 | 4.2 | 1.5 | 4.9 | 4.0 | 6.3 | 0.0 | 2.7 | 1.0 | 1.6 |
| 9 | 3.5 | * | 0.5 | * | 0.0 | 1.9 | 16.0 | 9.8 | 0.0 | 2.4 | 3.0 | 2.6 | 0.0 | 2.3 | 0.0 | 3.8 | 0.0 | 4.5 | 0.0 | 5.4 | 0.0 | 2.6 | 0.0 | 1.5 |
| 10 | 0.5 | * | 2.5 | * | 0.0 | 1.8 | 1.5 | 10.1 | 0.0 | 2.3 | 17.5 | 3.6 | 2.0 | 2.3 | 0.0 | 3.6 | 0.0 | 4.1 | 0.0 | 5.0 | 0.0 | 2.5 | 0.0 | 1.4 |
| 11 | 2.5 | * | 0.5 | * | 0.0 | 1.8 | 0.0 | 9.2 | 6.5 | 2.2 | 0.0 | 3.4 | 13.0 | 2.3 | 0.0 | 3.3 | 0.0 | 3.8 | 0.0 | 4.6 | 0.0 | 2.4 | 0.5 | 1.4 |
| 12 | 17.5 | * | 9.5 | * | 15.5 | 2.4 | 0.0 | 7.9 | 3.5 | 2.3 | 0.0 | 3.3 | 12.5 | 2.3 | 3.0 | 3.1 | 0.0 | 3.6 | 0.0 | 4.2 | 0.0 | 2.3 | 0.0 | 1.3 |
| 13 | 0.5 | * | 0.0 | * | 0.5 | 2.6 | 6.5 | 7.2 | 4.5 | 2.4 | 10.0 | 3.4 | 0.5 | 2.1 | 3.0 | 3.0 | 0.0 | 3.4 | 3.5 | 3.8 | 0.0 | 2.2 | 0.0 | 1.3 |
| 14 | 1.0 | * | 0.0 | * | 0.0 | 2.6 | 44.5 | 9.9 | 0.5 | 2.2 | 11.0 | 3.8 | 0.0 | 2.1 | 1.5 | 3.0 | 0.0 | 3.2 | 1.0 | 3.7 | 0.0 | 2.2 | 0.0 | 1.3 |
| 15 | 56.0 | * | 24.5 | * | 4.0 | 2.6 | 45.5 | 19.2 | 0.0 | 2.1 | 3.5 | 4.0 | 0.0 | 2.0 | 3.5 | 2.8 | 27.0 | 3.4 | 0.5 | 3.6 | 0.0 | 2.1 | 0.0 | 1.3 |
| 16 | 5.5 | * | 0.0 | * | 0.5 | 2.4 | 0.0 | 16.4 | 0.5 | 2.0 | 0.0 | 3.9 | 4.5 | 2.0 | 0.0 | 2.7 | 198.5 | 80.0 | 4.0 | 3.4 | 0.0 | 2.1 | 0.0 | 1.3 |
| 17 | 1.5 | * | 0.5 | * | 1.0 | 2.2 | 8.0 | 12.8 | 25.0 | 2.9 | 2.5 | 3.9 | 9.5 | 2.1 | 0.5 | 2.6 | 0.0 | 31.1 | 62.0 | 7.8 | 0.5 | 2.1 | 0.0 | 1.3 |
| 18 | 10.5 | * | 1.0 | * | 0.5 | 2.1 | 0.0 | 10.2 | 4.5 | 2.4 | 0.0 | 3.7 | 0.0 | 2.1 | 5.5 | 2.6 | 3.0 | 17.9 | 25.0 | 12.2 | 0.0 | 2.0 | 0.0 | 1.2 |
| 19 | 0.5 | * | 0.5 | * | 0.5 | 2.0 | 0.0 | 8.5 | 4.5 | 2.4 | 9.5 | 3.6 | 0.0 | 1.9 | 0.0 | 2.5 | 0.0 | 12.6 | 0.0 | 9.5 | 0.0 | 1.9 | 0.5 | 1.2 |
| 20 | 1.0 | * | 20.5 | * | 9.5 | 4.5 | 0.0 | 7.3 | 0.0 | 2.3 | 5.5 | 3.8 | 0.0 | 1.8 | 0.0 | 2.4 | 0.0 | 9.7 | 0.0 | 7.5 | 0.0 | 1.9 | 0.0 | 1.3 |
| 21 | 0.5 | * | 3.5 | 3.3 | 3.0 | 5.1 | 0.0 | 6.5 | 0.0 | 2.2 | 25.0 | 3.7 | 0.0 | 1.8 | 4.5 | 2.4 | 42.0 | 9.6 | 38.5 | 7.7 | 0.0 | 1.9 | 0.0 | 1.2 |
| 22 | 0.0 | * | 0.0 | 2.7 | 5.5 | 4.2 | 0.0 | 5.9 | 0.0 | 2.1 | 31.5 | 10.1 | 10.0 | 1.8 | 0.5 | 2.3 | 27.0 | 11.6 | 2.0 | 8.9 | 0.0 | 1.8 | 0.0 | 1.2 |
| 23 | 0.0 | * | 0.5 | 2.4 | 1.0 | 3.5 | 0.0 | 5.3 | 0.0 | 2.0 | 0.0 | 9.3 | 0.5 | 1.9 | 0.0 | 2.2 | 0.5 | 12.0 | 5.0 | 8.1 | 4.5 | 1.8 | 0.0 | 1.2 |
| 24 | 0.0 | * | 4.0 | 2.2 | 0.5 | 3.2 | 3.0 | 5.0 | 31.5 | 2.3 | 0.5 | 7.7 | 15.5 | 2.0 | 0.0 | 2.2 | 33.5 | 15.0 | 4.5 | 7.6 | 0.5 | 1.7 | 0.0 | 1.2 |
| 25 | 0.5 | * | 9.5 | 2.1 | 0.0 | 3.0 | 9.5 | 4.8 | 35.5 | 4.9 | 0.0 | 6.6 | 21.0 | 2.1 | 0.5 | 2.0 | 0.5 | 13.6 | 0.0 | 6.9 | 0.0 | 1.7 | 0.0 | 1.1 |
| 26 | 0.0 | * | 10.0 | 2.2 | 0.5 | 2.8 | 2.5 | 4.4 | 15.5 | 6.8 | 0.0 | 5.8 | 13.0 | 3.8 | 6.5 | 2.0 | 46.5 | 13.6 | 0.0 | 6.3 | 0.0 | 1.6 | 0.0 | 1.1 |
| 27 | 0.0 | * | 1.5 | 2.1 | 3.0 | 3.0 | 0.0 | 4.0 | 0.0 | 6.3 | 0.0 | 5.1 | 0.0 | 2.7 | 19.0 | 2.2 | 24.5 | 17.4 | 0.5 | 5.8 | 0.0 | 1.6 | 0.0 | 1.1 |
| 28 | 0.0 | * | 7.5 | 2.3 | 0.0 | 3.7 | 0.0 | 3.8 | 0.0 | 5.3 | 5.0 | 4.6 | 5.0 | 2.4 | 34.5 | 3.7 | 7.5 | 17.9 | 0.0 | 5.3 | 0.0 | 1.6 | 0.0 | 1.1 |
| 29 | 0.5 | * | 0.0 | 0.0 | 0.0 | 4.2 | 0.0 | 3.6 | 13.5 | 5.0 | 2.0 | 4.2 | 1.5 | 2.3 | 10.0 | 4.3 | 0.5 | 14.9 | 0.0 | 4.8 | 0.0 | 1.6 | 0.0 | 1.1 |
| 30 | 0.0 | * | 0.0 | 0.0 | 0.0 | 4.2 | 0.0 | 3.4 | 1.5 | 4.7 | 0.0 | 3.9 | 61.0 | 5.3 | 49.0 | 8.7 | 2.0 | 12.3 | 0.5 | 4.5 | 0.5 | 1.5 | 0.0 | 1.1 |
| 31 | 0.0 | * | 0.0 | 0.0 | 0.0 | 4.3 | 0.0 | 0.0 | 0.0 | 4.3 | 3.0 | 5.6 | 23.5 | 9.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.2 | 0.0 | 0.0 | 0.0 | 1.1 |
| Total | 123.0 | * | 99.0 | * | 85.5 | 87.4 | 228.5 | 217.9 | 163.5 | 96.4 | 149.5 | 130.0 | 172.5 | 80.7 | 232.0 | 113.7 | 440.0 | 375.3 | 193.0 | 215.8 | 6.0 | 69.1 | 39.0 | 40.8 |

但し、*は欠測

表-8j. 1999年の久度沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|-------|---|-------|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | |
| 1 | 0.5 | 1.0 | 0.0 | 0.8 | 0.0 | 0.8 | 0.5 | 1.4 | 0.0 | 4.7 | 0.0 | 2.3 | * | 18.6 | * | 2.8 |
| 2 | 0.0 | 1.0 | 0.0 | 0.8 | 0.5 | 0.8 | 0.5 | 1.4 | 0.0 | 4.2 | 0.0 | 2.2 | * | 11.6 | * | 2.7 |
| 3 | 0.0 | 1.0 | 0.5 | 0.8 | 0.0 | 0.7 | 1.0 | 1.3 | 0.0 | 3.9 | 2.5 | 2.2 | * | 8.7 | * | 2.6 |
| 4 | 0.0 | 1.0 | 0.5 | 0.8 | 0.0 | 0.7 | 0.0 | 1.3 | 49.0 | 4.6 | 0.0 | 2.1 | * | 7.0 | * | 2.4 |
| 5 | 0.0 | 1.0 | 0.0 | 0.8 | 0.0 | 0.8 | 0.0 | 1.2 | 3.0 | 7.3 | 0.0 | 2.0 | * | 6.3 | * | 2.4 |
| 6 | 0.0 | 1.0 | 0.0 | 0.8 | 1.0 | 0.8 | 4.0 | 1.3 | 0.0 | 6.0 | 0.0 | 2.0 | * | 7.5 | * | 2.4 |
| 7 | 0.0 | 1.0 | 0.0 | 0.8 | 0.0 | 0.7 | 1.0 | 1.2 | 0.0 | 5.4 | 6.0 | 2.0 | * | 6.8 | * | 2.3 |
| 8 | 0.0 | 1.0 | 0.5 | 0.8 | 1.0 | 0.7 | 0.0 | 1.2 | 4.5 | 4.9 | 0.0 | 1.9 | * | 6.1 | * | 2.2 |
| 9 | 0.0 | 0.9 | 0.0 | 0.8 | 1.0 | 0.7 | 0.0 | 1.1 | 0.0 | 4.5 | 0.0 | 1.7 | * | 5.5 | * | 2.1 |
| 10 | 0.0 | 0.9 | 0.0 | 0.8 | 0.5 | 0.7 | 6.0 | 1.1 | 1.5 | 4.1 | * | 1.5 | * | 5.0 | * | 2.1 |
| 11 | 0.0 | 0.9 | 7.5 | 0.8 | 1.0 | 0.7 | 98.0 | 9.7 | 5.0 | 3.8 | * | 1.9 | * | 9.5 | * | 2.0 |
| 12 | 0.0 | 0.9 | 1.0 | 0.8 | 0.5 | 0.7 | 10.0 | 17.4 | 0.0 | 3.6 | * | 1.8 | * | 25.9 | * | 2.2 |
| 13 | 0.0 | 0.9 | 0.0 | 0.7 | 1.0 | 0.7 | 0.5 | 10.3 | 0.0 | 3.3 | * | 1.5 | * | 21.3 | * | 3.0 |
| 14 | 0.0 | 0.9 | 0.0 | 0.7 | 0.5 | 0.7 | 0.0 | 7.1 | 3.5 | 3.2 | * | 1.5 | * | 22.3 | * | 114.7 |
| 15 | 0.0 | 0.9 | 0.0 | 0.7 | 25.0 | 1.2 | 0.0 | 5.4 | 10.5 | 3.2 | * | 1.4 | * | 18.3 | * | |
| 16 | 0.0 | 0.9 | 0.5 | 0.7 | 3.0 | 1.6 | 0.0 | 4.4 | 1.5 | 3.0 | * | 1.4 | * | 14.4 | * | |
| 17 | 0.0 | 0.9 | 0.0 | 0.7 | 0.0 | 1.1 | 0.0 | 3.8 | 0.0 | 2.8 | * | 1.4 | * | 11.5 | * | |
| 18 | 0.0 | 0.9 | 0.0 | 0.8 | 0.0 | 1.0 | 3.0 | 3.4 | 0.0 | 2.6 | * | 2.1 | * | 9.5 | * | |
| 19 | 1.5 | 0.9 | 2.0 | 0.8 | 4.5 | 1.0 | 10.0 | 3.3 | 4.0 | 2.6 | * | 2.1 | * | 8.0 | * | |
| 20 | 0.0 | 0.9 | 1.0 | 0.7 | 20.0 | 1.3 | 0.0 | 3.0 | 0.0 | 2.5 | * | 2.4 | * | 6.9 | * | |
| 21 | 0.5 | 0.9 | 0.5 | 0.7 | 10.0 | 1.3 | 0.0 | 2.7 | 0.0 | 2.4 | * | 2.0 | * | 6.3 | * | |
| 22 | 0.0 | 0.8 | 0.0 | 0.7 | 6.0 | 1.4 | 0.0 | 2.6 | 0.0 | 2.3 | * | 1.8 | * | 5.8 | * | |
| 23 | 0.0 | 0.9 | 0.0 | 0.7 | 0.5 | 1.2 | 3.5 | 2.4 | 0.0 | 2.2 | * | 1.7 | * | 5.4 | * | |
| 24 | 2.5 | 0.9 | 5.5 | 0.7 | 0.0 | 1.2 | 66.0 | 6.0 | 2.5 | 2.1 | * | 1.7 | * | 4.9 | * | |
| 25 | 1.0 | 0.9 | 3.0 | 0.8 | 0.0 | 1.3 | 22.0 | 14.3 | 0.5 | 2.0 | * | 1.8 | * | 4.5 | * | |
| 26 | 0.5 | 0.9 | 0.0 | 0.7 | 0.5 | 1.5 | 1.5 | 11.6 | 1.0 | 2.0 | * | 1.7 | * | 4.1 | * | |
| 27 | 0.0 | 0.9 | 10.0 | 1.1 | 9.5 | 1.7 | 0.0 | 9.6 | 43.5 | 3.6 | * | 4.7 | * | 3.8 | * | |
| 28 | 0.5 | 0.9 | 0.0 | 0.8 | 0.5 | 1.7 | 4.0 | 7.8 | 0.0 | 2.7 | * | 4.9 | * | 3.6 | * | |
| 29 | 0.0 | 0.8 | 0.0 | 0.8 | 0.0 | 1.6 | 5.0 | 6.4 | 0.0 | 2.4 | * | 4.5 | * | 3.4 | * | |
| 30 | 0.0 | 0.8 | 0.0 | 0.8 | 0.0 | 1.4 | 0.0 | 5.4 | 0.0 | 2.4 | * | 29.7 | * | 3.2 | * | |
| 31 | 0.0 | 0.8 | 8.0 | 1.5 | 0.0 | 0.0 | 0.0 | 2.3 | 0.0 | 2.3 | * | 3.0 | * | 3.0 | * | |
| Total | 7.0 | 28.4 | 32.5 | 21.5 | 94.5 | 33.4 | 236.5 | 149.1 | 130.0 | 106.8 | * | 92.0 | * | 278.5 | * | * |

但し、*は欠測、8/14で量水観測終了

表-9a. 1995年のトウバク沢流量および雨量月報

| | January | February | March | April | May | June | July | August | September | October | November | December |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| day | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 0.5 | 9.5 | 2.0 | 0.0 | 1.3 | 0.0 | 1.0 | | | | |
| 2 | 0.0 | 0.5 | 36.0 | 7.9 | 0.0 | 1.2 | 0.0 | 1.0 | | | | |
| 3 | 0.0 | 0.5 | 0.0 | 3.8 | 0.0 | 1.1 | 0.0 | 0.9 | | | | |
| 4 | 0.0 | 0.4 | 0.0 | 3.2 | 0.0 | 1.1 | 0.0 | 0.9 | | | | |
| 5 | 0.0 | 0.4 | 1.0 | 2.8 | 0.0 | 1.0 | 0.0 | 0.9 | | | | |
| 6 | 0.0 | 0.4 | 0.0 | 2.5 | 0.0 | 1.0 | 0.0 | 0.8 | | | | |
| 7 | 0.0 | 0.4 | 1.0 | 2.3 | 34.5 | 1.0 | 0.0 | 0.8 | | | | |
| 8 | 0.0 | 0.4 | 43.0 | 6.2 | 8.0 | 5.9 | 0.0 | 0.8 | | | | |
| 9 | 0.0 | 0.4 | 0.0 | 5.4 | 0.0 | 2.1 | 0.0 | 0.8 | | | | |
| 10 | 0.0 | 0.4 | 0.0 | 4.0 | 0.0 | 1.8 | 0.0 | 0.8 | | | | |
| 11 | 0.0 | 0.4 | 0.0 | 3.6 | 0.0 | 1.6 | 0.0 | 0.8 | | | | |
| 12 | 0.5 | 0.4 | 0.0 | 3.2 | 0.0 | 1.5 | 0.0 | 0.8 | | | | |
| 13 | 0.0 | 0.4 | 0.0 | 2.9 | 0.0 | 1.4 | 0.0 | 0.8 | | | | |
| 14 | 19.5 | 0.4 | 0.0 | 2.7 | 5.5 | 1.4 | 0.0 | 0.6 | | | | |
| 15 | 25.5 | 2.3 | 0.0 | 2.4 | 0.5 | 1.5 | 0.0 | 0.4 | | | | |
| 16 | 74.5 | 7.9 | 0.0 | 2.2 | 0.0 | 1.4 | 0.0 | 0.4 | | | | |
| 17 | 78.5 | 38.2 | 0.0 | 2.1 | 0.0 | 1.4 | 0.0 | 0.4 | | | | |
| 18 | 0.0 | 10.9 | 0.0 | 1.9 | 0.0 | 1.2 | 0.0 | 0.4 | | | | |
| 19 | 0.0 | 6.4 | 0.0 | 1.8 | 0.0 | 0.9 | 0.0 | 0.3 | | | | |
| 20 | 0.5 | 4.7 | 0.0 | 1.7 | 26.5 | 2.3 | 0.0 | 0.3 | | | | |
| 21 | 0.0 | 3.7 | 0.0 | 1.6 | 0.0 | 1.8 | 0.0 | 0.5 | | | | |
| 22 | 0.0 | 3.1 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 0.6 | | | | |
| 23 | 0.0 | 2.7 | 0.0 | 1.4 | 2.5 | 1.4 | 0.0 | 0.6 | | | | |
| 24 | 23.5 | 5.1 | 23.5 | 1.4 | 0.0 | 1.4 | 0.0 | 0.6 | | | | |
| 25 | 0.0 | 4.6 | 7.5 | 5.1 | 0.0 | 1.3 | 0.0 | 0.6 | | | | |
| 26 | 0.0 | 1.5 | 3.3 | 2.1 | 0.0 | 1.2 | 0.0 | 0.6 | | | | |
| 27 | 0.0 | 0.4 | 0.0 | 1.8 | 0.0 | 1.2 | 0.0 | 0.5 | | | | |
| 28 | 0.0 | 0.4 | 0.0 | 1.6 | 0.0 | 1.1 | 0.0 | 0.5 | | | | |
| 29 | 6.0 | 0.4 | 0.0 | 1.5 | 0.0 | 1.1 | 0.5 | 0.6 | | | | |
| 30 | 7.5 | 0.5 | 0.0 | 1.4 | 0.0 | 1.0 | 0.0 | 0.5 | | | | |
| 31 | 5.0 | 0.6 | 0.0 | 1.3 | 0.0 | 0.5 | 0.0 | 0.5 | | | | |
| Total | * | 224.0 | 109.0 | 121.5 | 85.2 | 77.5 | 44.6 | 0.5 | 19.8 | | | |

但し、8/25に観測開始

表-9b. 1996年のトウバク沢流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff |
| 1 | 0.0 | 0.5 | 0.0 | 0.1 | 1.0 | 0.2 | 1.0 | 4.4 | 0.5 | 2.7 | 0.0 | 0.8 | 0.0 | 1.2 | 17.5 | 2.4 | 0.0 | 1.9 | 6.9 | 7.5 | 2.2 | 21.5 | 1.4 | 0.0 |
| 2 | 0.0 | 0.5 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 1.4 | 9.0 | 4.3 | 0.0 | 0.7 | 0.0 | 1.0 | 0.0 | 2.2 | 2.0 | 1.6 | 5.3 | 0.0 | 5.5 | 41.0 | 1.3 | 0.0 |
| 3 | 0.5 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 5.0 | 0.6 | 0.0 | 3.6 | 0.0 | 0.7 | 0.0 | 0.9 | 0.5 | 1.9 | 0.0 | 1.4 | 5.1 | 15.5 | 4.2 | 4.0 | 1.3 | 0.0 |
| 4 | 0.0 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 4.5 | 0.5 | 0.0 | 2.8 | 0.5 | 0.7 | 0.0 | 0.8 | 0.0 | 1.7 | 0.0 | 1.3 | 5.6 | 0.5 | 3.2 | 0.5 | 1.3 | 0.5 |
| 5 | 0.0 | 0.4 | 0.0 | 0.1 | 1.0 | 0.1 | 0.5 | * | 28.0 | 5.1 | 0.0 | 0.6 | 4.5 | 0.8 | 0.0 | 1.6 | 0.0 | 1.2 | 4.6 | 0.0 | 2.8 | 0.0 | 4.5 | 44.5 |
| 6 | 0.0 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | * | 0.0 | 3.7 | 0.0 | 0.6 | 0.0 | 0.7 | 2.5 | 1.5 | 0.0 | 1.1 | 4.2 | 0.0 | 2.6 | 2.0 | 4.0 | 0.0 |
| 7 | 0.0 | 0.4 | 0.0 | 0.2 | 0.0 | 0.1 | 0.0 | * | 0.0 | 3.0 | 1.0 | 0.6 | 4.0 | 0.7 | 1.5 | 1.4 | 0.0 | 1.0 | 3.8 | 1.0 | 2.4 | 0.0 | 2.8 | 0.0 |
| 8 | 19.0 | 0.5 | 0.0 | 0.2 | 5.5 | 0.0 | 0.0 | * | 0.0 | 2.5 | 5.5 | 0.6 | 49.5 | 5.0 | 0.5 | 1.4 | 0.0 | 0.9 | 13.5 | 58.0 | 2.3 | 4.0 | 2.4 | 0.0 |
| 9 | 0.0 | 0.5 | 1.0 | 0.2 | 2.5 | 0.1 | 0.0 | * | 30.5 | 6.6 | 2.0 | 0.6 | 6.5 | 3.0 | 0.0 | 1.2 | 43.0 | 3.0 | 11.8 | 0.5 | 2.3 | 1.0 | 2.2 | 0.0 |
| 10 | 0.0 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | * | 0.0 | 4.9 | 5.5 | 0.6 | 30.5 | 4.6 | 0.0 | 1.2 | 11.0 | 5.1 | 8.7 | 0.0 | 2.1 | 0.0 | 2.1 | 0.0 |
| 11 | 0.0 | 0.4 | 0.0 | 0.1 | 1.0 | 0.1 | 3.5 | * | 0.0 | 3.9 | 0.5 | 0.6 | 0.0 | 6.2 | 0.0 | 1.1 | 0.0 | 2.9 | 6.9 | 0.5 | 2.0 | 7.5 | 1.9 | 0.0 |
| 12 | 0.0 | 0.4 | 0.0 | 0.1 | 3.5 | 0.1 | 0.5 | * | 5.5 | 3.4 | 0.0 | 0.5 | 0.0 | 3.8 | 0.0 | 1.0 | 0.0 | 2.3 | 5.9 | 8.0 | 2.7 | 8.0 | 1.8 | 0.0 |
| 13 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | * | 0.0 | 2.9 | 0.0 | 0.4 | 0.0 | 2.9 | 0.0 | 1.0 | 19.5 | 2.1 | 5.2 | 0.0 | 2.2 | 0.5 | 1.7 | 0.0 |
| 14 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | * | 1.0 | 2.5 | 1.0 | 0.4 | 20.0 | 2.6 | 24.5 | 1.0 | 51.0 | 11.5 | 5.6 | 21.5 | 2.0 | 0.0 | 1.6 | 0.0 |
| 15 | 1.5 | 0.6 | 0.0 | 0.1 | 16.5 | 0.1 | 0.0 | * | 0.0 | 2.2 | 1.0 | 0.4 | 18.5 | 3.1 | 44.5 | 12.8 | 2.0 | 11.7 | 5.8 | 1.0 | 1.9 | 0.0 | 1.5 | 0.0 |
| 16 | 11.0 | 0.7 | 0.0 | 0.1 | 20.0 | 0.3 | 24.0 | * | 0.0 | 2.0 | 0.0 | 0.4 | 0.0 | 2.9 | 0.0 | 3.5 | 0.0 | 7.5 | 4.8 | 0.0 | 1.8 | 0.0 | 1.4 | 0.0 |
| 17 | 0.0 | 0.3 | 0.0 | 0.1 | 38.5 | 2.0 | 2.0 | * | 0.0 | 1.8 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 2.6 | 2.5 | 5.7 | 4.3 | 0.0 | 1.8 | 0.0 | 1.4 | 8.5 |
| 18 | 0.0 | 0.2 | 0.0 | 0.1 | 0.0 | 1.8 | 4.5 | * | 0.0 | 1.7 | 21.0 | 0.5 | 0.0 | 2.0 | 0.0 | 2.2 | 0.0 | 4.6 | 3.9 | 0.0 | 2.3 | 7.0 | 1.9 | 7.0 |
| 19 | 0.0 | 0.2 | 0.0 | 0.1 | 0.0 | 0.7 | 0.0 | * | 0.0 | 1.5 | 0.0 | 0.8 | 34.0 | 3.6 | 0.0 | 1.9 | 0.0 | 3.8 | 3.6 | 0.0 | 2.1 | 0.0 | 1.4 | 0.0 |
| 20 | 0.5 | 0.2 | 0.0 | 0.1 | 0.0 | 0.4 | 5.5 | 1.3 | 0.0 | 1.4 | 0.0 | 0.4 | 4.5 | 3.2 | 0.0 | 1.8 | 30.5 | 4.2 | 3.3 | 0.0 | 2.1 | 7.0 | 1.3 | 0.0 |
| 21 | 0.0 | 0.2 | 0.0 | 0.1 | 0.0 | 0.3 | 0.5 | 1.1 | 0.0 | 1.3 | 0.0 | 0.4 | 56.0 | 20.4 | 0.0 | 1.6 | 8.5 | 7.3 | 3.0 | 0.0 | 2.8 | 0.0 | 1.2 | 0.0 |
| 22 | 0.5 | 0.1 | 1.0 | 0.0 | 15.5 | 3.8 | 3.5 | 1.0 | 13.5 | 1.6 | 5.5 | 0.4 | 9.0 | 12.0 | 0.0 | 1.5 | 143.5 | 67.8 | 2.8 | 0.0 | 2.0 | 0.0 | 1.2 | 0.0 |
| 23 | 0.5 | 0.1 | 0.5 | 0.0 | 0.0 | 1.9 | 4.5 | 1.1 | 0.0 | 1.5 | 10.0 | 0.4 | 1.0 | 8.5 | 0.0 | 1.4 | 1.0 | 32.2 | 2.6 | 0.0 | 1.5 | 0.0 | 1.2 | 0.0 |
| 24 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 1.5 | 0.0 | 1.3 | 15.0 | 0.5 | 0.0 | 6.4 | 4.5 | 1.3 | 0.0 | 15.7 | 2.4 | 0.0 | 1.4 | 0.0 | 1.1 | 0.0 |
| 25 | 0.0 | 0.1 | 0.0 | 0.0 | 17.5 | 2.8 | 0.0 | 1.7 | 0.0 | 1.2 | 17.5 | 2.2 | 0.0 | 5.1 | 0.5 | 1.3 | 1.5 | 10.4 | 2.2 | 0.0 | 1.4 | 0.0 | 1.0 | 0.0 |
| 26 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 1.8 | 0.0 | 1.1 | 40.0 | 6.1 | 0.0 | 4.2 | 0.0 | 1.2 | 0.0 | 7.8 | 2.1 | 0.0 | 1.3 | 0.0 | 1.0 | 0.0 |
| 27 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 2.3 | 0.0 | 1.1 | 0.0 | 3.7 | 0.0 | 3.6 | 5.5 | 1.2 | 0.0 | 6.2 | 2.0 | 0.0 | 1.8 | 14.5 | 1.0 | 0.0 |
| 28 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 2.3 | 0.0 | 1.0 | 1.0 | 2.1 | 6.0 | 3.1 | 19.0 | 1.5 | 0.0 | 5.1 | 1.8 | 3.0 | 2.0 | 0.0 | 0.9 | 0.5 |
| 29 | 0.0 | 0.1 | 1.0 | 0.0 | 0.0 | 0.8 | 0.0 | 2.4 | 0.0 | 0.9 | 0.0 | 1.6 | 8.0 | 3.0 | 6.0 | 2.2 | 0.0 | 4.4 | 1.7 | 0.0 | 1.6 | 0.0 | 0.9 | 0.0 |
| 30 | 0.0 | 0.1 | | | 39.5 | 10.9 | 0.0 | 2.6 | 0.0 | 0.9 | 0.0 | 1.3 | 0.0 | 2.7 | 13.5 | 1.5 | 43.5 | 6.2 | 1.6 | 0.0 | 1.5 | 0.0 | 0.8 | 0.0 |
| 31 | 0.0 | 0.1 | | | 0.0 | 10.1 | | 0.0 | 0.8 | | | 9.0 | 2.5 | 3.5 | 2.8 | | | | 1.6 | 1.5 | | | 0.8 | 0.0 |
| Total | 34.0 | 9.2 | 3.5 | 2.6 | 162.0 | 41.6 | 59.5 | * | 88.0 | 75.3 | 127.0 | 29.7 | 261.0 | 122.8 | 144.0 | 62.9 | 359.5 | 237.6 | 142.4 | 118.5 | 67.9 | 118.5 | 50.3 | 61.0 |

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表-9c. 1997年のトウバク沢流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff |
| 1 | 2.0 | 0.8 | 0.0 | 0.4 | 10.5 | 0.6 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | 3.3 | 0.0 | 9.2 | 0.0 | 3.8 | 0.0 | 0.8 | 3.0 | 3.6 | * | * | * | * |
| 2 | 11.5 | 1.2 | 0.0 | 0.4 | 0.0 | 0.6 | 0.0 | 1.3 | 0.0 | 1.3 | 0.0 | 3.0 | 0.0 | 7.1 | 0.0 | 3.5 | 0.0 | 0.7 | 1.0 | 3.2 | * | * | * | * |
| 3 | 0.0 | 0.9 | 0.5 | 0.4 | 0.0 | 0.3 | 2.0 | 2.1 | 7.5 | 1.3 | 0.0 | 2.7 | 0.0 | 5.7 | 0.0 | 0.0 | 3.2 | 0.0 | 7.0 | 2.9 | * | * | * | * |
| 4 | 0.0 | 0.8 | 0.0 | 0.4 | 0.0 | 0.3 | 1.0 | 3.7 | 6.5 | 1.9 | 6.0 | 2.5 | 0.0 | 4.9 | 0.0 | 2.9 | 1.5 | 0.7 | 0.0 | 2.7 | * | * | * | * |
| 5 | 0.0 | 0.8 | 0.5 | 0.4 | 0.0 | 0.3 | 5.5 | 5.0 | 0.0 | 1.9 | 1.0 | 2.5 | 0.0 | 4.3 | 7.0 | 2.8 | 0.5 | 0.7 | 0.0 | 2.6 | * | * | * | * |
| 6 | 0.0 | 0.8 | 0.5 | 0.4 | 0.0 | 0.3 | 59.0 | 18.0 | 0.0 | 1.6 | 4.5 | 2.2 | 0.0 | 3.8 | 1.0 | 2.6 | 1.5 | 0.6 | 0.0 | 2.3 | * | * | * | * |
| 7 | 1.0 | 0.8 | 0.0 | 0.4 | 0.0 | 0.3 | 48.0 | 30.8 | 0.0 | 1.5 | 0.0 | 2.1 | 0.0 | 3.5 | 1.5 | 2.4 | 18.0 | 0.6 | 0.0 | 2.1 | * | * | * | * |
| 8 | 0.5 | 0.7 | 0.0 | 0.3 | 0.0 | 0.4 | 0.0 | 17.3 | 15.0 | 1.7 | 0.5 | 1.9 | 0.0 | 3.2 | 3.0 | 2.3 | 15.5 | 0.9 | 0.0 | 1.9 | * | * | * | * |
| 9 | 0.0 | 0.7 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 11.3 | 4.0 | 2.4 | 6.5 | 1.9 | 22.0 | 3.5 | 0.0 | 2.1 | 0.0 | 1.7 | 0.0 | 1.8 | * | * | * | * |
| 10 | 0.0 | 0.7 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 7.6 | 0.0 | 1.9 | 5.0 | 1.9 | 47.0 | 7.2 | 0.0 | 1.9 | 0.0 | 1.1 | 0.0 | 1.6 | * | * | * | * |
| 11 | 0.0 | 0.6 | 0.0 | 0.3 | 1.0 | 0.5 | 0.0 | 5.5 | 0.0 | 1.7 | 30.0 | 3.8 | 6.0 | 8.4 | 4.5 | 1.8 | 12.0 | 0.8 | 0.0 | 1.5 | * | * | * | * |
| 12 | 0.0 | 0.6 | 0.5 | 0.3 | 0.0 | 0.7 | 0.0 | 4.4 | 0.0 | 1.6 | 14.0 | 3.4 | 24.0 | 7.8 | 0.5 | 1.8 | 6.5 | 0.8 | 0.0 | 1.4 | * | * | * | * |
| 13 | 0.0 | 0.5 | 0.5 | 0.3 | 0.0 | 0.5 | 0.0 | 3.7 | 1.5 | 1.4 | 0.5 | 3.6 | 8.0 | 9.0 | 0.0 | 1.6 | 13.5 | 0.9 | 0.0 | 1.4 | * | * | * | * |
| 14 | 0.0 | 0.5 | 0.0 | 0.3 | 0.5 | 0.2 | 0.0 | 3.3 | 18.0 | 1.7 | 0.0 | 2.9 | 0.0 | 7.4 | 14.0 | 1.8 | 46.0 | 1.0 | * | * | * | * | * | * |
| 15 | 0.0 | 0.5 | 0.0 | 0.3 | 13.5 | 0.4 | 0.0 | 3.0 | 8.5 | 2.1 | 0.0 | 2.6 | 0.0 | 6.0 | 6.5 | 1.8 | 14.0 | 9.9 | * | * | * | * | * | * |
| 16 | 0.0 | 0.5 | 0.5 | 0.3 | 1.5 | 0.3 | 0.0 | 2.7 | 0.0 | 2.1 | 1.5 | 2.4 | 0.0 | 5.2 | 4.5 | 1.7 | 18.5 | 6.5 | * | * | * | * | * | * |
| 17 | 0.0 | 0.5 | 1.5 | 0.3 | 2.5 | 0.3 | 0.0 | 2.4 | 0.0 | 1.8 | 0.0 | 2.3 | 9.5 | 4.6 | 1.0 | 1.6 | 7.0 | 8.2 | * | * | * | * | * | * |
| 18 | 0.5 | 0.4 | 1.5 | 0.3 | 1.0 | 0.3 | 0.5 | 2.2 | 0.0 | 1.6 | 13.5 | 2.2 | 14.0 | 5.2 | 0.0 | 1.4 | 2.0 | 9.8 | * | * | * | * | * | * |
| 19 | 0.0 | 0.4 | 0.5 | 0.3 | 1.0 | 0.3 | 2.0 | 2.1 | 0.0 | 1.5 | 3.0 | 2.6 | 0.0 | 4.0 | 0.0 | 1.3 | 0.0 | 7.4 | * | * | * | * | * | * |
| 20 | 0.0 | 0.4 | 1.0 | 0.3 | 1.5 | 0.3 | 0.0 | 1.9 | 6.0 | 1.4 | 112.0 | 32.4 | 0.0 | 3.6 | 21.0 | 1.5 | 2.0 | 5.4 | * | * | * | * | * | * |
| 21 | 0.5 | 0.4 | 0.0 | 0.3 | 0.0 | 0.3 | 0.5 | 1.8 | 12.0 | 1.6 | 0.0 | 17.3 | 0.0 | 3.3 | 0.0 | 2.5 | 4.0 | 4.4 | * | * | * | * | * | * |
| 22 | 0.0 | 0.4 | 0.0 | 0.3 | 13.5 | 0.5 | 3.0 | 1.7 | 25.5 | 3.9 | 1.0 | 11.3 | 0.0 | 3.0 | 0.0 | 1.5 | 20.0 | 3.8 | * | * | * | * | * | * |
| 23 | 0.0 | 0.4 | 0.5 | 0.2 | 3.0 | 0.4 | 0.5 | 4.5 | 1.8 | 0.5 | 3.1 | 0.5 | 1.0 | 2.8 | 4.0 | 1.4 | 12.5 | 4.3 | * | * | * | * | * | * |
| 24 | 0.0 | 0.4 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 1.7 | 36.0 | 3.2 | 0.0 | 6.2 | 0.0 | 2.6 | 0.0 | 1.3 | 3.0 | 5.0 | * | * | * | * | * | * |
| 25 | 0.0 | 0.4 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 1.5 | 14.5 | 8.6 | 0.0 | 5.1 | 0.0 | 2.4 | 7.0 | 1.2 | 20.0 | 5.9 | * | * | * | * | * | * |
| 26 | 0.5 | 0.4 | 0.0 | 0.3 | 0.0 | 0.4 | 0.0 | 1.4 | 15.5 | 7.9 | 0.0 | 4.4 | 50.0 | 2.8 | 0.0 | 1.1 | 0.0 | 7.3 | * | * | * | * | * | * |
| 27 | 0.0 | 0.4 | 0.0 | 0.4 | 12.0 | 0.4 | 0.0 | 1.3 | 4.5 | 6.6 | 0.0 | 3.9 | 7.5 | 6.5 | 0.0 | 1.0 | 0.0 | 7.7 | * | * | * | * | * | * |
| 28 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.4 | 11.0 | 1.4 | 0.0 | 5.7 | 65.0 | 8.0 | 11.5 | 5.0 | 0.0 | 1.0 | 0.0 | 6.1 | * | * | * | * | * | * |
| 29 | 0.0 | 0.4 | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 0.0 | 0.4 | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 0.0 | 0.4 | | | | | | | | | | | | | | | | | | | | | | |
| Total | 16.5 | 17.9 | 8.0 | 8.7 | 102.0 | 22.0 | 138.5 | 145.4 | 178.5 | 87.2 | 272.0 | 186.0 | 207.5 | 156.5 | 75.5 | 57.3 | 218.0 | 113.0 | * | * | * | * | * | * |

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表-9d. 1998年のトウバク沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|-------|------|------|------|------|-----|
| rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | | | | | | | | | | | |
| 1 | * | 0.7 | * | 1.1 | * | 2.9 | 0.0 | 3.5 | 0.0 | 4.3 | 8.5 | 15.8 | 47.0 | 23.8 | 0.0 | 3.4 | 0.0 | 1.0 | | | | | |
| 2 | * | 0.7 | * | 1.0 | * | 2.8 | 0.5 | 3.2 | 0.5 | 3.5 | 17.0 | 15.0 | 0.0 | 18.0 | 0.0 | 3.2 | 0.5 | 1.0 | | | | | |
| 3 | * | 0.7 | * | 1.0 | * | 5.3 | 5.5 | 3.0 | 1.0 | 3.0 | 2.0 | 11.9 | 0.0 | 12.7 | 0.0 | 3.0 | 0.0 | 1.0 | | | | | |
| 4 | * | 0.7 | * | 1.1 | * | 4.5 | 4.4 | 0.0 | 2.7 | 13.5 | 2.0 | 9.5 | 0.0 | 9.9 | 0.0 | 2.8 | 0.0 | 0.9 | | | | | |
| 5 | * | 0.7 | * | 1.2 | * | 3.6 | 0.0 | 4.2 | 0.0 | 2.5 | 11.5 | 4.0 | 0.0 | 7.3 | 0.0 | 8.2 | 0.0 | 2.0 | | | | | |
| 6 | * | 0.6 | * | 1.2 | * | 3.3 | 0.0 | 6.1 | 0.0 | 2.4 | 5.5 | 5.7 | 0.5 | 5.9 | 0.0 | 6.7 | 0.0 | 2.0 | | | | | |
| 7 | * | 0.6 | * | 1.1 | * | 3.1 | 0.0 | 4.8 | 0.0 | 2.2 | 1.0 | 4.5 | 13.5 | 11.0 | 5.7 | 0.0 | 2.5 | 1.0 | | | | | |
| 8 | * | 0.6 | * | 1.0 | * | 17.2 | 0.0 | 4.3 | 0.0 | 2.1 | 0.5 | 4.0 | 0.5 | 7.0 | 6.1 | 0.0 | 2.3 | 0.0 | | | | | |
| 9 | * | 0.8 | * | 1.0 | * | 23.5 | 0.0 | 3.9 | 0.0 | 2.0 | 0.5 | 3.9 | 0.0 | 4.3 | 0.0 | 4.7 | 0.0 | 1.6 | | | | | |
| 10 | * | 0.8 | * | 1.1 | * | 21.9 | 0.0 | 5.4 | 5.5 | 1.9 | 0.5 | 3.4 | 0.0 | 3.9 | 0.0 | 4.2 | 0.0 | 1.3 | | | | | |
| 11 | * | 0.6 | * | 1.1 | * | 16.7 | 0.0 | 4.8 | 4.0 | 2.0 | 0.5 | 3.1 | 0.0 | 3.5 | 0.0 | 3.7 | 0.0 | 1.2 | | | | | |
| 12 | * | 0.6 | * | 1.4 | * | 13.8 | 0.0 | 4.3 | 1.0 | 2.1 | 0.0 | 2.9 | 0.0 | 3.2 | 0.0 | 3.4 | 0.0 | 1.1 | | | | | |
| 13 | * | 0.6 | * | 2.1 | * | 19.6 | 0.0 | 4.3 | 1.0 | 2.7 | 0.5 | 2.7 | 0.0 | 3.0 | 6.0 | 3.2 | 0.0 | 1.0 | | | | | |
| 14 | * | 0.6 | * | 1.9 | * | 53.8 | 0.0 | 6.3 | 1.0 | 1.8 | 0.0 | 2.5 | 0.0 | 2.7 | 3.5 | 3.2 | 0.0 | 0.9 | | | | | |
| 15 | * | 0.7 | * | 1.7 | * | 73.9 | 0.0 | 6.4 | 2.5 | 1.7 | 0.5 | 2.4 | 33.5 | 3.0 | 0.0 | 3.0 | 0.0 | 0.9 | | | | | |
| 16 | * | 0.6 | * | 1.5 | * | 30.6 | 0.0 | 5.3 | 7.0 | 1.7 | 0.0 | 2.4 | 179.0 | 101.3 | 5.5 | 2.8 | 0.0 | 0.9 | | | | | |
| 17 | * | 0.6 | * | 1.4 | * | 18.3 | 0.0 | 4.7 | 7.5 | 1.9 | 0.5 | 2.1 | 0.0 | 25.6 | 97.5 | 25.2 | 1.5 | 0.8 | | | | | |
| 18 | * | 0.9 | * | 1.3 | * | 13.3 | 0.0 | 4.2 | 0.0 | 2.1 | 0.0 | 2.0 | 6.5 | 14.1 | 35.5 | 44.1 | 0.0 | 0.8 | | | | | |
| 19 | * | 0.9 | * | 1.3 | * | 10.9 | 0.0 | 6.3 | 0.0 | 1.7 | 0.0 | 2.1 | 0.0 | 10.2 | 0.0 | 19.4 | 0.0 | 0.8 | | | | | |
| 20 | * | 0.9 | * | 5.5 | * | 8.9 | 0.0 | 5.4 | 0.0 | 1.6 | 0.5 | 1.9 | 0.0 | 7.9 | 0.0 | 11.8 | 0.0 | 0.8 | | | | | |
| 21 | * | 0.8 | * | 6.3 | * | 7.4 | 0.0 | 4.6 | 0.5 | 5.6 | 0.0 | 1.5 | 0.5 | 1.7 | 62.0 | 12.1 | 44.0 | 0.0 | 0.7 | | | | |
| 22 | * | 0.8 | * | 3.7 | * | 6.3 | 0.0 | 4.1 | 6.0 | 27.7 | 10.5 | 1.4 | 0.0 | 1.7 | 48.5 | 36.6 | 2.0 | 13.3 | 0.0 | 0.7 | | | |
| 23 | * | 0.7 | * | 3.1 | * | 5.5 | 0.0 | 3.7 | 0.0 | 15.5 | 0.0 | 1.5 | 0.0 | 1.6 | 2.0 | 27.2 | 5.0 | 10.2 | 2.0 | 1.3 | 0.0 | 0.7 | |
| 24 | * | 0.7 | * | 2.8 | * | 5.5 | 22.5 | 4.7 | 0.0 | 11.4 | 19.5 | 1.9 | 0.5 | 1.5 | 53.0 | 35.3 | 6.0 | 9.3 | 5.5 | 1.3 | 0.0 | 0.7 | |
| 25 | * | 0.7 | * | 2.7 | * | 4.9 | 17.0 | 34.0 | 0.0 | 8.6 | 11.0 | 2.2 | 0.0 | 1.4 | 0.0 | 22.1 | 0.0 | 7.8 | 0.5 | 1.2 | 0.0 | 0.6 | |
| 26 | * | 0.7 | * | 2.6 | * | 4.5 | 10.0 | 26.8 | 0.0 | 6.7 | 7.5 | 3.6 | 0.0 | 1.6 | 62.0 | 26.7 | 2.0 | 6.6 | 0.0 | 1.2 | 0.0 | 0.6 | |
| 27 | * | 0.7 | * | 4.5 | * | 4.1 | 2.0 | 17.4 | 0.0 | 5.6 | 0.0 | 2.5 | 0.5 | 1.7 | 26.5 | 33.1 | 2.0 | 5.7 | 0.0 | 1.1 | 0.0 | 0.6 | |
| 28 | * | 0.7 | * | 6.9 | * | 3.7 | 0.0 | 12.2 | 0.0 | 5.1 | 7.5 | 2.2 | 0.0 | 6.2 | 12.0 | 25.4 | 0.0 | 5.2 | 0.5 | 1.2 | 0.0 | 0.6 | |
| 29 | * | 0.6 | * | 6.3 | * | 3.4 | 5.0 | 10.3 | 0.5 | 4.5 | 3.0 | 2.1 | 0.0 | 11.4 | 1.5 | 18.1 | 0.0 | 4.5 | 0.0 | 1.1 | 0.0 | 0.6 | |
| 30 | * | 0.6 | * | 6.5 | * | 3.1 | 1.0 | 8.6 | 0.0 | 3.9 | 41.0 | 3.9 | 3.5 | 19.3 | 4.0 | 13.3 | 4.0 | 1.5 | 4.1 | 1.0 | 1.0 | 0.0 | 0.6 |
| 31 | * | 0.7 | * | 7.2 | * | 0.0 | 7.0 | 6.5 | 6.9 | 24.5 | 15.5 | 0.5 | 3.8 | 0.5 | 3.8 | 0.5 | 3.8 | 0.5 | 3.8 | 0.5 | 3.8 | 0.5 | 0.5 |
| Total | * | 36.8 | * | 82.8 | * | 433.3 | * | 209.9 | 16.0 | 196.3 | 136.0 | 74.5 | 66.5 | 127.0 | 534.5 | 508.2 | 274.0 | 302.4 | 11.0 | 55.1 | 23.5 | 30.7 | |

但し、*は欠測

表-9e. 1999年のトウマク河流量および雨量月報

| day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|-------|---------|--------|----------|--------|-------|--------|-------|--------|------|--------|-------|--------|------|--------|--------|--------|-----------|--------|---------|--------|----------|--------|----------|--------|
| | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff | rain | runoff |
| 1 | 0.0 | 0.5 | 0.0 | 0.3 | 0.0 | 0.3 | 0.5 | 1.7 | 0.0 | 5.1 | 0.0 | 4.3 | 0.0 | 29.2 | * | 2.1 | * | 2.2 | 0.5 | 3.6 | 43.0 | 8.7 | 0.0 | 1.3 |
| 2 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.3 | 4.5 | 1.8 | 0.0 | 4.5 | 0.0 | 3.8 | 0.5 | 15.5 | * | 2.0 | * | 2.1 | 0.5 | 3.3 | 9.0 | 6.6 | 2.0 | 1.3 |
| 3 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 2.1 | 0.0 | 4.0 | 1.5 | 3.5 | 26.5 | 12.3 | * | 1.9 | * | 2.1 | 5.0 | 3.1 | 0.0 | 4.7 | 0.0 | 1.2 |
| 4 | 0.0 | 0.4 | 0.5 | 0.3 | 0.0 | 0.2 | 0.0 | 1.7 | 0.0 | 6.7 | 0.5 | 3.3 | 5.0 | 11.3 | * | 1.8 | 11.0 | 2.2 | 0.0 | 2.8 | 0.0 | 3.8 | 0.0 | 1.1 |
| 5 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 1.5 | 0.0 | 17.3 | 0.0 | 3.0 | 28.0 | 10.3 | * | 1.7 | 0.0 | 2.3 | 0.0 | 2.5 | 0.0 | 3.3 | 0.0 | 1.1 |
| 6 | 0.0 | 0.4 | 0.5 | 0.3 | 0.0 | 0.4 | 12.0 | 1.5 | 0.0 | 10.4 | 0.0 | 2.8 | 6.5 | 14.4 | * | 1.8 | 0.0 | 1.9 | 0.0 | 2.3 | 0.0 | 3.0 | 0.0 | 1.1 |
| 7 | 0.0 | 0.4 | 0.5 | 0.3 | 3.5 | 0.4 | 0.0 | 1.4 | 0.0 | 7.8 | 6.0 | 2.7 | 0.0 | 11.4 | * | 1.8 | 6.0 | 1.7 | 0.0 | 2.2 | 0.0 | 2.7 | 0.0 | 1.0 |
| 8 | 0.0 | 0.4 | 0.0 | 0.3 | 3.5 | 0.3 | 0.0 | 1.2 | 0.0 | 6.3 | 0.0 | 2.6 | 0.0 | 9.6 | * | 1.6 | 0.5 | 1.7 | 0.5 | 2.1 | 2.0 | 2.5 | 0.0 | 0.9 |
| 9 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 5.5 | 0.0 | 2.3 | 0.0 | 7.8 | * | 1.5 | 0.0 | 1.6 | 0.0 | 1.9 | 0.0 | 2.3 | 0.0 | 1.1 |
| 10 | 0.0 | 0.4 | 0.0 | 0.3 | 4.5 | 0.3 | 10.5 | 1.2 | 0.0 | 4.7 | 0.0 | 2.2 | 1.0 | 6.5 | * | 1.5 | 0.5 | 1.5 | 0.5 | 1.8 | 0.0 | 2.1 | 0.0 | 1.1 |
| 11 | 0.0 | 0.4 | 0.0 | 0.3 | 0.5 | 0.3 | 93.5 | 19.5 | 0.0 | 4.2 | 17.5 | 2.1 | 66.5 | 11.3 | * | 1.6 | 0.0 | 1.4 | 0.0 | 1.7 | 0.5 | 2.0 | 0.0 | 1.1 |
| 12 | 0.0 | 0.4 | 3.0 | 0.3 | 1.5 | 0.3 | 5.5 | 19.7 | 0.0 | 3.8 | 0.0 | 2.4 | 24.0 | 25.0 | * | 1.7 | 0.0 | 1.3 | 0.0 | 1.6 | 14.5 | 2.0 | 0.0 | 1.0 |
| 13 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 12.1 | 0.0 | 3.4 | 0.0 | 2.0 | * | 23.6 | * | 2.3 | 0.0 | 1.3 | 0.0 | 1.5 | 0.0 | 2.1 | 0.0 | 1.0 |
| 14 | 0.0 | 0.3 | 0.5 | 0.2 | 0.0 | 0.2 | 0.0 | 8.4 | 0.0 | 3.2 | 0.0 | 1.9 | * | 31.0 | * | 179.4 | 19.0 | 1.3 | 8.0 | 1.4 | 0.0 | 1.8 | 0.0 | 1.0 |
| 15 | 0.0 | 0.3 | 0.0 | 0.2 | 33.0 | 1.8 | 0.0 | 6.2 | 0.0 | 3.3 | 0.0 | 1.8 | * | 21.8 | * | 65.4 | 48.0 | 6.5 | 6.0 | 1.6 | 20.0 | 1.8 | 0.0 | 0.8 |
| 16 | 0.0 | 0.3 | 0.0 | 0.2 | 3.0 | 4.5 | 0.0 | 4.9 | 0.0 | 3.4 | 0.0 | 1.7 | * | 14.8 | * | 24.3 | 5.0 | 5.9 | 1.5 | 1.5 | 0.5 | 3.4 | 0.0 | 0.6 |
| 17 | 0.0 | 0.3 | 2.0 | 0.2 | 0.0 | 1.2 | 0.0 | 4.2 | 0.0 | 3.0 | 18.5 | 1.7 | * | 11.1 | * | 14.8 | 4.0 | 3.5 | 0.0 | 1.3 | 0.0 | 2.3 | 0.0 | 0.6 |
| 18 | 0.5 | 0.3 | 1.0 | 0.3 | 0.0 | 0.9 | 5.0 | 3.7 | 0.0 | 2.7 | 47.5 | 5.0 | * | 9.2 | * | 10.6 | 8.0 | 3.0 | 0.0 | 1.2 | 4.0 | 2.1 | 0.0 | 0.6 |
| 19 | 8.5 | 0.3 | 0.0 | 0.3 | 11.5 | 1.8 | 12.0 | 4.0 | 0.0 | 2.9 | 13.0 | 6.8 | * | 7.5 | * | 8.4 | 0.0 | 3.1 | 6.5 | 1.2 | 0.0 | 2.0 | 0.0 | 0.6 |
| 20 | 0.0 | 0.3 | 4.0 | 0.2 | 13.5 | 3.1 | 0.5 | 4.1 | 0.0 | 3.2 | 6.5 | 6.4 | * | 6.3 | * | 6.8 | 11.5 | 2.7 | 19.0 | 2.0 | 0.0 | 1.8 | 0.0 | 0.5 |
| 21 | 0.0 | 0.3 | 0.5 | 0.2 | 4.0 | 1.8 | 0.0 | 3.5 | 0.0 | 2.7 | 0.0 | 4.7 | * | 5.4 | * | 5.7 | 66.5 | 14.1 | 0.0 | 1.5 | 0.0 | 1.7 | 0.0 | 0.5 |
| 22 | 0.0 | 0.3 | 0.5 | 0.2 | 20.5 | 1.5 | 0.0 | 3.2 | 0.0 | 2.5 | 1.5 | 3.9 | * | 4.8 | * | 5.3 | 42.0 | 27.3 | 0.0 | 1.2 | 0.0 | 1.6 | 0.0 | 0.4 |
| 23 | 0.0 | 0.3 | 0.0 | 0.2 | 7.0 | 1.1 | 5.5 | 3.0 | 0.0 | 2.4 | 0.0 | 3.4 | * | 4.8 | * | 5.4 | 0.5 | 18.1 | 0.0 | 1.1 | 0.0 | 1.5 | 0.0 | 0.4 |
| 24 | 0.0 | 0.3 | 0.0 | 0.2 | 4.0 | 1.1 | 69.0 | 10.5 | 0.0 | 2.3 | 8.0 | 3.5 | * | 4.0 | * | 4.2 | 16.0 | 12.4 | 0.0 | 1.0 | 11.0 | 1.6 | 0.0 | 0.4 |
| 25 | 4.5 | 0.3 | 7.0 | 0.2 | 1.5 | 1.4 | 26.0 | 22.5 | 0.0 | 2.5 | 17.5 | 4.2 | * | 3.6 | * | 3.8 | 0.5 | 9.5 | 0.0 | 1.0 | 0.0 | 1.8 | 0.0 | 0.4 |
| 26 | 1.0 | 0.3 | 1.5 | 0.2 | 5.0 | 2.9 | 1.5 | 16.3 | 0.0 | 2.2 | 0.5 | 4.2 | * | 3.2 | * | 3.5 | 0.0 | 7.6 | 0.0 | 0.9 | 0.0 | 1.6 | 0.0 | 0.4 |
| 27 | 0.5 | 0.3 | 19.0 | 1.0 | 11.5 | 5.0 | 0.0 | 11.9 | 0.0 | 20.1 | 80.5 | 36.2 | * | 3.0 | * | 3.2 | 0.0 | 6.2 | 63.5 | 3.8 | 0.0 | 1.5 | 0.0 | 0.4 |
| 28 | 1.0 | 0.3 | 0.0 | 0.6 | 2.0 | 4.2 | 5.0 | 8.9 | 0.0 | 10.8 | 3.0 | 21.4 | * | 2.8 | * | 2.7 | 0.5 | 5.2 | 0.5 | 6.1 | 0.0 | 1.5 | 0.0 | 0.4 |
| 29 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 2.7 | 6.5 | 7.6 | 0.0 | 7.8 | 34.0 | 14.5 | * | 2.6 | * | 3.0 | 0.5 | 4.5 | 0.0 | 2.6 | 0.0 | 1.4 | 0.0 | 0.4 |
| 30 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 6.0 | 0.0 | 5.9 | 101.0 | 78.3 | * | 2.4 | * | 2.6 | 0.0 | 4.0 | 0.0 | 2.0 | 0.0 | 1.3 | 0.0 | 0.4 |
| 31 | 0.0 | 0.3 | 0.0 | 0.0 | 12.0 | 1.8 | 0.0 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | * | 2.2 | * | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.4 |
| Total | 16.0 | 10.8 | 40.5 | 8.3 | 145.0 | 42.9 | 257.5 | 195.1 | 0.0 | 169.4 | 357.0 | 236.5 | * | 328.5 | * | 374.7 | * | 158.0 | 112.0 | 63.4 | 104.5 | 76.5 | 2.0 | 23.7 |

但し、*は欠測

表-9f. 2000年のトウバク沢流量および雨量月報

| day | January | February | March | April | May | June | July | August | September | October | November | December |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff | rain runoff |
| 1 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 2.8 | 4.5 | 2.0 | 0.0 | 5.3 | 24.0 | 2.2 |
| 2 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 2.7 | 1.0 | 2.0 | 23.0 | 4.8 | 16.0 | 2.2 |
| 3 | 0.0 | 0.4 | 0.0 | 0.3 | 0.5 | 2.6 | 0.0 | 1.9 | 32.5 | 5.5 | 6.0 | 3.1 |
| 4 | 0.5 | 0.5 | 0.0 | 0.4 | 0.0 | 2.6 | 6.0 | 1.8 | 1.0 | 6.4 | 59.5 | 2.5 |
| 5 | 0.0 | 0.5 | 0.0 | 0.4 | 0.0 | 2.5 | 0.5 | 1.8 | 41.0 | 8.7 | 12.0 | 10.1 |
| 6 | 2.0 | 0.8 | 0.0 | 0.4 | 0.0 | 2.3 | 0.0 | 1.6 | 18.5 | 9.7 | 5.5 | 9.5 |
| 7 | 23.0 | 2.1 | 0.0 | 0.4 | 0.0 | 2.0 | 0.0 | 1.6 | 0.0 | 8.6 | 16.0 | 7.2 |
| 8 | 0.0 | 0.9 | 0.0 | 0.4 | 0.0 | 2.1 | 0.0 | 1.5 | 46.5 | 8.2 | 1.5 | 7.7 |
| 9 | 4.5 | 0.7 | 0.0 | 0.4 | 0.0 | 1.9 | 6.5 | 1.5 | 70.0 | 61.8 | 0.5 | 7.9 |
| 10 | 0.0 | 1.7 | 0.0 | 0.4 | 0.0 | 1.8 | 46.0 | 6.4 | 2.5 | 21.5 | 0.0 | 6.4 |
| 11 | 0.0 | 1.3 | 0.0 | 0.4 | 0.0 | 1.7 | 4.5 | 4.3 | 0.0 | 12.7 | 0.0 | 5.3 |
| 12 | 0.0 | 0.9 | 0.0 | 0.4 | 0.0 | 1.6 | 14.5 | 4.5 | 0.0 | 9.4 | 8.0 | 4.5 |
| 13 | 0.0 | 2.1 | 0.0 | 0.4 | 0.0 | 1.6 | 2.0 | 4.2 | 0.5 | 7.6 | 92.0 | 4.0 |
| 14 | 0.0 | 2.5 | 0.0 | 0.4 | 0.0 | 1.5 | 30.5 | 4.1 | 0.0 | 6.2 | 13.0 | 29.2 |
| 15 | 0.0 | 1.5 | 0.0 | 0.4 | 0.0 | 1.8 | 31.5 | 2.4 | 35.0 | 17.6 | 0.0 | 5.1 |
| 16 | 0.0 | 1.2 | 0.0 | 0.4 | 0.0 | 2.0 | 19.0 | 4.4 | 0.0 | 11.2 | 0.5 | 4.5 |
| 17 | 0.0 | 1.1 | 0.0 | 0.3 | 0.0 | 1.9 | 3.5 | 5.5 | 0.0 | 8.5 | 0.0 | 4.0 |
| 18 | 0.0 | 1.0 | 0.0 | 0.3 | 0.0 | 1.6 | 0.5 | 4.0 | 12.0 | 6.7 | 3.0 | 3.6 |
| 19 | 0.0 | 0.9 | 0.0 | 0.3 | 0.0 | 1.5 | 14.5 | 4.2 | 0.0 | 5.7 | 0.5 | 3.3 |
| 20 | 0.0 | 0.8 | 0.0 | 0.3 | 0.0 | 3.9 | 0.0 | 4.7 | 25.0 | 3.8 | 0.0 | 9.4 |
| 21 | 0.0 | 0.8 | 0.0 | 0.3 | 0.0 | 3.8 | 0.0 | 4.1 | 7.0 | 4.1 | 0.0 | 9.4 |
| 22 | 0.0 | 0.7 | 0.0 | 0.3 | 0.0 | 3.9 | 11.5 | 3.8 | 0.0 | 3.1 | 0.0 | 7.6 |
| 23 | 0.0 | 0.7 | 0.0 | 0.3 | 0.0 | 3.5 | 3.5 | 3.6 | 0.0 | 2.7 | 0.0 | 6.3 |
| 24 | 0.0 | 0.6 | 0.0 | 0.3 | 0.0 | 3.2 | 11.0 | 3.7 | 0.0 | 2.5 | 0.0 | 5.4 |
| 25 | 0.0 | 0.6 | 0.0 | 0.3 | 0.0 | 3.0 | 35.0 | 8.5 | 0.0 | 2.3 | 0.0 | 4.7 |
| 26 | 0.0 | 0.5 | 0.0 | 0.3 | 0.0 | 2.7 | 2.5 | 6.6 | 15.5 | 2.3 | 0.0 | 4.2 |
| 27 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 2.5 | 0.5 | 5.3 | 24.0 | 3.7 | 21.0 | 3.8 |
| 28 | 0.0 | 0.4 | 0.0 | 0.3 | 0.0 | 1.5 | 2.4 | 3.0 | 4.7 | 0.0 | 3.9 | 0.0 |
| 29 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 2.5 | 12.5 | 5.6 | 2.0 | 2.7 | 0.0 | 6.5 |
| 30 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 2.2 | 4.5 | 5.6 | 0.0 | 2.5 | 6.5 | 4.7 |
| 31 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 2.2 | 1.0 | 4.1 | 0.0 | 4.1 |
| Total | 30.0 | 27.6 | 0.0 | 9.7 | 0.0 | 85.9 | 247.0 | 145.2 | 313.0 | 232.7 | 386.0 | 333.8 |
| | | | | | | 27.6 | 0.0 | 276.6 | 125.5 | 71.3 | 204.0 | 11.5 |

但し、*は欠測

謝 辞

東京大学愛知演習林の芝野博文林長には秩父演習林での量水観測開始以来、観測方法やデータ整理など御指導いただき、本報告の校閲をしていただいた。東京大学大学院森林科学専攻森林利水および砂防工学研究室諸氏には観測機器の取り付けや、土砂で埋まった堰堤の排土作業などを協力していただいた。この場を借りて御礼申し上げます。

引用文献

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