

(研究資料)

竜の口山森林理水試験地観測報告

(1959年1月~1977年12月)

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Forest Influences Unit and OKAYAMA Experimental Site,  
Kansai Branch Station : Statistical Report of Hydrological  
Observation at TATSUNOKUCHIYAMA Experimental Watershed  
(January, 1959~December, 1977)  
(Research note)

1. ま え が き

竜の口山森林理水試験地における1937年1月から'58年12月までの観測成績は「森林理水試験地観測報告(日降水量・日流出量)」<sup>1)</sup>として1961年3月に林業試験場より刊行されているが、それ以降については「竜の口山水試験地観測報告」として林業試験場関西支場年報第12号(1970年)<sup>2)</sup>と第17号(1970年)<sup>3)</sup>に発表されている。

今回は、前掲関西支場年報に登載した資料を一括再録するとともに、その後の観測資料を加え、改めて1959年1月から'77年12月までの日降水量・日流出量の観測結果を報告することにした。また、参考にするため、1937年以降の各月・年降水量および各月・年流出量の経年移動平均、年最大流量、年最小流量、年河況係数、確率洪水量、最近10年間の各種流量値を計算して付記した。

この間、観測あるいは観測値の整理に従事した職員は、近藤松一・故岡本金夫・小林忠一・小林治子・松田宗安・大滝光春・横田歌子・山路木曾男・遠藤治郎・阿部敏夫・島村秀子・岸岡 孝・藤枝基久の各技官である。

なお、本報告の取りまとめは防災研究室 岸岡 孝、小林忠一、阿部敏夫、藤枝基久の各技官が行った。

この観測報告が水源の森林流域における水文現象の研究素材として広く各方面に活用されることを望むものである。

最後に、観測施設の維持・管理に努力された、歴代関西支場長 故西村太郎・徳本孝彦・江畑奈良男・梅原 博・黒鳥 忠・細井 守の各技官、および歴代分場長もしくは試験地主任として努力された玉木廉士・故福田秀雄・山路木曾男・松田宗安・河田 弘・細井 守・真部辰夫の各技官に対し深甚の謝意を表する。

## 2. 試験地の概要

試験基地は岡山市祇園 954, 東経 133°58', 北緯 34°42', 標高 40m にある。

基地に隣る試験流域は大阪営林局岡山営林署管下の竜の口山国有林 11 林班に属し, その面積は, 南谷流域 22.611 ha, 北谷流域 17.274 ha である。地形, 地質, 土壌, 気候等は前報<sup>1)</sup> に詳細に記載されているので省略し, ここでは 1959 年以降の林況の変遷および, 降水量, 流量の観測について述べる。

### 2-1. 林況の変遷

南谷: 流域の主林木であったアカマツが, 1940 年ごろより マツクイムシによる被害がではじめ, 1944 年ごろには激甚化したので, 1944 年秋ごろから 1945 年春までに被害木の伐倒・搬出が行われた。その後自然放置されて自然回復を待った。林地生産力の向上をはかるため, 1954 年秋から 3 年間にわたり ヒノキの植林が行われたが, メダケ・ネザサの侵入繁茂が著しく不成功のまま経過した。1959 年 9 月に約 0.3 ha のヒノキ植林地 (約 30 年生) を除き全域の植生を焼失した。当時, 再度植林を行うため地ごしらえとして, ササ枯殺剤が散布されて, メダケ・ネザサが枯れていたため火勢が強く, 落葉層・腐葉層まで完全に焼失した。しかし, 10 月下旬ごろにはネザサ・ヒメムカシヨモギなどの再生がみられ, 裸地状態は約 2 か月間であった。1960 年 3 月にクロマツの植林がほぼ全域に行われた。その後クロマツの生育は順調で, 1976 年現在で樹高 8.1~9.5 m, 胸高直径 9~11 cm に生長しており, 林冠はほぼうっ閉している。また, 林冠の増大に伴って下層植生の減退がみられるが, 反面 A<sub>0</sub> 層は漸増の傾向にある。なお, 局部的 (流域面積の約 10%) にクズの繁茂地があり, その部分のクロマツはほとんど枯死している。

北谷: 南谷流域と同様 1940 年ごろよりマツクイムシの被害があらわれはじめ, 1945 年には全流域におよんだので, 同年春から 1947 年 7 月の期間まで被害木の伐倒・搬出が行われた。以後自然のまま放置された。その後当時の既存植生であったクスギ・リュウブ・ヒサカキ・ミツバツツジなどの再生促進や, アカマツの自然侵入があり, アカマツを主林木とし, これに広葉樹をまじえ, 下層はネザサ・ススキ・コシダなどで構成する林分に移行していった。1962 年 10 月に主流および 1 支流で, 溪岸植生の伐採除去が行われた。実施された溪岸の総延長は約 550 m である。兩岸伐採幅は, 斜面長でそれぞれ 4 m, 伐採面積は約 0.4 ha (全流域面積の 2.5%) であった。1964 年 10 月に再度従来の溪岸伐採地の兩岸各 4 m 幅を追加伐採 (約 0.4 ha) し, 以後は放置されており, 漸次アカマツ・各種広葉樹林分が熟成されつつある。

### 2-2. 降水量の測定

観測露場 (標高 40 m) は 1937 年 1 月の主要観測開始以来同じ場所にあり, 標準雨量計 (口径 20cm の貯留型) による日降水量の観測を継続している。なお, 日降水量の日界は 9 時である。

### 2-3. 流出量の測定

南谷および北谷の量水堰堤, その他の付帯設備は, 前報告<sup>2)</sup> に述べたものと変わらないが, 自記水位計は, 南谷では 1962 年 1 月 1 日から '63 年 4 月 30 日までスチーブンス F 型週巻自記水位計を使用し, '63 年 5 月 1 日から '66 年 4 月 30 日までは再びケルビン型日巻自記水位計を, '66 年 7 月 12 日から '69 年 11 月 14 日までスチーブンス A35B 型 3 か月巻自記水位計を使用し, '69 年 11 月 15 日からは水研 62 型自記水位計を使用した。

北谷については, スチーブンス F 型週巻自記水位計, ケルビン型日巻自記水位計およびスチーブンス A35B 型 3 か月巻自記水位計への変更は南谷と同時日に行ったが, スチーブンス A35B 型 3 か月巻自記水位

計の使用は'68年8月13日まで、'68年8月14日からは水研62型自記水位計を使用した。

なお、日流出量の日界は1959年1月1日から'66年12月31日までは10時、それ以降については0時である。

### 3. 日降水量と日流出量

1959年1月から'77年12月までの、南谷および北谷の日流出量（mm）を表に示した。また同表中には試験地観測露場における日降水量（mm）も示した。

### 4. 月・年降水量および月・年流出量の移動平均

Table 2 には観測開始の1937年1月からの月降水量、月流出量、年降水量および年流出量の3年、5年、10年の移動平均値を示した。計算は算術移動平均法により、欠測のある場合は、3、5、10年から当該欠測年を除いた年数の移動平均である。

### 5. 年最大・年最小流量、年河況係数および確率洪水流量

年最大・最小流量は年間の最大流量（ $\times 10^{-8} \text{ m}^3/\text{sec}$ ）、最小流量（ $\times 10^{-8} \text{ m}^3/\text{sec}$ ）を自記紙から読み取って Table 3 に示した。年河況係数は（年最大流量）/（年最小流量）で算出した。確率洪水流量は年最大流量について1937年から'77年までの資料を用いて Chow 法<sup>4)</sup>に従って、50年、100年、200年確率洪水流量を算出したものである。

### 6. 各種流量

河川流量の流況を表わす指標として、わが国で用いられる量には次のようなものがある<sup>5)</sup>。

豊水流量：1年を通じて95日はこれを下らない流量

平水流量：1年を通じて185日はこれを下らない流量

低水流量：1年を通じて275日はこれを下らない流量

渇水流量：1年を通じて355日はこれを下らない流量

これらの流量値を南・北両谷について最近10年間の資料で計算した結果を Table 4 に示した。すなわち両谷の各年の日流出量を大きいものから順にならべ、大きい方から95日目、185日目、275日目、355日目の日流出量（mm/day）を同表中の左欄に、また、その値に流域面積を乗じて、1日の秒数で除した日平均各種流量（ $\times 10^{-8} \text{ m}^3/\text{sec}$ ）を右欄に示した。

### 引用文献

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- 2) 阿部敏夫・遠藤治郎・小林忠一：竜の口量水試験地報告，林試関西支場年報，12，89～114，（1970）
- 3) 防災研究室・岡山試験地：竜の口量水試験地報告，林試関西支場年報，17，48～58，（1975）
- 4) 岩井重久・石黒政儀：応用水文統計学，森北出版，131～136，（1970）
- 5) 高橋 裕篇：河川水文学，共立出版，p. 41，（1978）

Table 1. 日 降 水 量 ・ 日 流 出 量  
Daily precipitation and daily runoff

(單位 Unit : mm)

| 項目<br>Item | 1 9 5 9 年                             |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|
|            | 1 月 Jan.                              |                             |                      | 2 月 Feb.                              |                             |                      | 3 月 Mar.                              |                             |                      | 4 月 Apr.                              |                             |                      | 5 月 May                               |                             |                      | 6 月 June                              |                             |                      |
|            | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      |
|            | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
| 1          | 0.3                                   | 0.203                       | 0.272                | 3.2                                   | 0.445                       | 0.507                | 8.6                                   | 0.886                       | 1.528                | —                                     | 0.271                       | 0.286                | —                                     | 0.321                       | 0.280                | —                                     | 0.279                       | 0.150                |
| 2          | —                                     | 0.175                       | 0.212                | 0.8                                   | 0.384                       | 0.496                | —                                     | 0.795                       | 1.111                | —                                     | 0.269                       | 0.271                | —                                     | 0.281                       | 0.242                | —                                     | 0.253                       | 0.131                |
| 3          | 7.9                                   | 0.297                       | 0.416                | —                                     | 0.285                       | 0.347                | —                                     | 0.560                       | 0.677                | 1.5                                   | 0.260                       | 0.251                | —                                     | 0.248                       | 0.191                | —                                     | 0.234                       | 0.121                |
| 4          | 0.0                                   | 0.394                       | 0.650                | —                                     | 0.235                       | 0.276                | —                                     | 0.516                       | 0.541                | 24.6                                  | 1.850                       | 3.417                | —                                     | 0.243                       | 0.175                | —                                     | 0.241                       | 0.119                |
| 5          | 0.0                                   | 0.283                       | 0.367                | —                                     | 0.209                       | 0.245                | 0.2                                   | 0.469                       | 0.455                | 0.9                                   | 3.663                       | 4.359                | 11.9                                  | 0.416                       | 0.398                | 6.9                                   | 0.300                       | 0.157                |
| 6          | —                                     | 0.200                       | 0.251                | 8.6                                   | 0.410                       | 0.695                | 15.9                                  | 1.298                       | 1.933                | —                                     | 1.493                       | 1.291                | —                                     | 0.264                       | 0.253                | —                                     | 0.246                       | 0.149                |
| 7          | 0.0                                   | 0.190                       | 0.199                | —                                     | 0.459                       | 0.809                | 4.7                                   | 2.513                       | 3.441                | 7.5                                   | 1.074                       | 0.945                | 7.3                                   | 0.252                       | 0.210                | —                                     | 0.214                       | 0.129                |
| 8          | —                                     | 0.170                       | 0.187                | 8.2                                   | 0.504                       | 0.739                | 2.4                                   | 2.974                       | 3.449                | 10.0                                  | 4.746                       | 5.868                | 37.8                                  | 7.432                       | 11.216               | 2.6                                   | 0.227                       | 0.125                |
| 9          | —                                     | 0.155                       | 0.181                | 18.7                                  | 7.269                       | 11.975               | 0.6                                   | 2.068                       | 1.907                | 0.3                                   | 2.918                       | 2.460                | 4.4                                   | 9.645                       | 10.116               | 19.8                                  | 0.331                       | 0.308                |
| 10         | —                                     | 0.149                       | 0.152                | 0.7                                   | 2.441                       | 2.503                | 2.1                                   | 1.334                       | 1.197                | —                                     | 1.394                       | 1.001                | —                                     | 3.629                       | 2.639                | 47.8                                  | 5.954                       | 13.385               |
| 11         | 0.0                                   | 0.132                       | 0.132                | —                                     | 0.883                       | 0.928                | 0.5                                   | 0.859                       | 0.764                | 9.7                                   | 0.874                       | 0.759                | 1.5                                   | 1.470                       | 0.976                | —                                     | 2.229                       | 2.248                |
| 12         | 0.0                                   | 0.115                       | 0.108                | —                                     | 0.535                       | 0.569                | 0.0                                   | 0.610                       | 0.555                | 5.3                                   | 1.837                       | 2.777                | 17.0                                  | 3.666                       | 5.049                | —                                     | 0.685                       | 0.502                |
| 13         | 0.0                                   | 0.112                       | 0.106                | 6.7                                   | 0.458                       | 0.525                | 0.0                                   | 0.448                       | 0.458                | —                                     | 1.675                       | 1.812                | —                                     | 2.704                       | 2.378                | —                                     | 0.408                       | 0.287                |
| 14         | —                                     | 0.110                       | 0.099                | 12.7                                  | 2.924                       | 5.487                | 0.0                                   | 0.383                       | 0.378                | —                                     | 1.110                       | 1.019                | —                                     | 1.280                       | 0.873                | —                                     | 0.323                       | 0.204                |
| 15         | —                                     | 0.118                       | 0.105                | 3.3                                   | 2.752                       | 3.489                | —                                     | 0.341                       | 0.341                | 9.8                                   | 1.022                       | 0.901                | 18.0                                  | 1.257                       | 1.418                | —                                     | 0.297                       | 0.168                |
| 16         | —                                     | 0.119                       | 0.099                | 15.0                                  | 2.703                       | 3.958                | 11.1                                  | 0.474                       | 0.534                | 1.1                                   | 1.281                       | 1.632                | —                                     | 1.876                       | 2.600                | —                                     | 0.259                       | 0.162                |
| 17         | 0.0                                   | 0.107                       | 0.090                | 6.1                                   | 6.547                       | 8.673                | 0.0                                   | 0.559                       | 0.886                | 0.9                                   | 1.029                       | 1.182                | 15.0                                  | 2.530                       | 3.261                | —                                     | 0.248                       | 0.149                |
| 18         | 0.0                                   | 0.105                       | 0.100                | —                                     | 3.656                       | 3.471                | —                                     | 0.454                       | 0.618                | —                                     | 0.811                       | 0.793                | —                                     | 4.317                       | 4.608                | —                                     | 0.227                       | 0.139                |
| 19         | —                                     | 0.108                       | 0.096                | 13.6                                  | 3.325                       | 3.753                | —                                     | 0.406                       | 0.493                | 0.0                                   | 0.632                       | 0.559                | —                                     | 1.804                       | 1.339                | —                                     | 0.216                       | 0.119                |
| 20         | —                                     | 0.104                       | 0.090                | 3.7                                   | 4.193                       | 4.683                | —                                     | 0.396                       | 0.430                | 0.3                                   | 0.545                       | 0.470                | —                                     | 0.932                       | 0.674                | 0.6                                   | 0.188                       | 0.123                |
| 21         | —                                     | 0.111                       | 0.086                | 0.6                                   | 2.404                       | 2.594                | 8.3                                   | 0.422                       | 0.440                | 0.5                                   | 0.492                       | 0.406                | —                                     | 0.635                       | 0.412                | 0.2                                   | 0.200                       | 0.125                |
| 22         | —                                     | 0.108                       | 0.087                | —                                     | 1.547                       | 1.562                | 4.0                                   | 0.998                       | 1.532                | 10.8                                  | 0.673                       | 0.569                | 41.7                                  | 8.212                       | 12.998               | —                                     | 0.182                       | 0.129                |
| 23         | —                                     | 0.110                       | 0.086                | —                                     | 0.978                       | 0.953                | —                                     | 0.871                       | 1.030                | —                                     | 0.555                       | 0.679                | 0.4                                   | 8.172                       | 7.096                | —                                     | 0.185                       | 0.132                |
| 24         | —                                     | 0.110                       | 0.089                | —                                     | 0.677                       | 0.660                | 3.3                                   | 0.799                       | 0.856                | —                                     | 0.418                       | 0.434                | —                                     | 2.654                       | 1.972                | —                                     | 0.161                       | 0.096                |
| 25         | —                                     | 0.110                       | 0.090                | —                                     | 0.529                       | 0.493                | —                                     | 0.689                       | 0.684                | —                                     | 0.359                       | 0.327                | —                                     | 1.246                       | 0.824                | —                                     | 0.143                       | 0.095                |
| 26         | 3.5                                   | 0.125                       | 0.108                | —                                     | 0.441                       | 0.388                | —                                     | 0.523                       | 0.559                | 4.6                                   | 0.377                       | 0.339                | —                                     | 0.778                       | 0.496                | —                                     | 0.159                       | 0.112                |
| 27         | —                                     | 0.114                       | 0.098                | —                                     | 0.329                       | 0.283                | —                                     | 0.414                       | 0.430                | 6.6                                   | 0.494                       | 0.568                | —                                     | 0.593                       | 0.383                | —                                     | 0.142                       | 0.075                |
| 28         | 14.6                                  | 0.201                       | 0.233                | 4.7                                   | 0.311                       | 0.255                | —                                     | 0.368                       | 0.382                | —                                     | 0.348                       | 0.391                | —                                     | 0.444                       | 0.311                | 5.5                                   | 0.169                       | 0.121                |
| 29         | 32.4                                  | 6.985                       | 14.658               | —                                     | —                           | —                    | 2.3                                   | 0.385                       | 0.358                | —                                     | 0.282                       | 0.302                | —                                     | 0.348                       | 0.238                | 0.7                                   | 0.210                       | 0.143                |
| 30         | 0.0                                   | 2.687                       | 2.931                | —                                     | —                           | —                    | 3.8                                   | 0.448                       | 0.387                | 5.3                                   | 0.306                       | 0.291                | 0.0                                   | 0.329                       | 0.199                | 3.9                                   | 0.154                       | 0.113                |
| 31         | —                                     | 0.862                       | 0.871                | —                                     | —                           | —                    | 0.1                                   | 0.337                       | 0.358                | —                                     | —                           | —                    | —                                     | 0.310                       | 0.175                | —                                     | —                           | —                    |
| 計<br>Total | 58.7                                  | 14.869                      | 23.249               | 106.6                                 | 47.833                      | 61.316               | 67.9                                  | 24.597                      | 28.712               | 99.7                                  | 33.058                      | 36.359               | 155.0                                 | 68.288                      | 74.000               | 88.0                                  | 15.064                      | 20.016               |

| 項目<br>Item | 1 9 5 9 年                            |                   |                     |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |
|------------|--------------------------------------|-------------------|---------------------|--------------------------------------|-------------------|---------------------|--------------------------------------|-------------------|---------------------|--------------------------------------|-------------------|---------------------|--------------------------------------|-------------------|---------------------|--------------------------------------|-------------------|---------------------|
|            | 7 月 July                             |                   |                     | 8 月 Aug.                             |                   |                     | 9 月 Sep.                             |                   |                     | 10 月 Oct.                            |                   |                     | 11 月 Nov.                            |                   |                     | 12 月 Dec.                            |                   |                     |
|            | 降水量<br>Precipitation                 | 流出量<br>Runoff     |                     | 降水量<br>Precipitation                 | 流出量<br>Runoff     |                     | 降水量<br>Precipitation                 | 流出量<br>Runoff     |                     | 降水量<br>Precipitation                 | 流出量<br>Runoff     |                     | 降水量<br>Precipitation                 | 流出量<br>Runoff     |                     | 降水量<br>Precipitation                 | 流出量<br>Runoff     |                     |
|            | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |                                      |                   |                     |
| 1          | 3.6                                  | 0.155             | 0.113               | 3.6                                  | 0.102             | 0.065               | —                                    | 0.074             | 0.041               | 6.6                                  | 0.292             | 0.134               | 0.2                                  | 1.006             | 0.497               | —                                    | 0.187             | 0.099               |
| 2          | 5.8                                  | 0.243             | 0.155               | —                                    | 0.096             | 0.065               | 0.6                                  | 0.080             | 0.045               | 4.7                                  | 0.476             | 0.279               | 23.8                                 | 1.853             | 0.761               | 23.3                                 | 1.009             | 0.665               |
| 3          | 0.1                                  | 0.257             | 0.178               | —                                    | 0.085             | 0.055               | —                                    | 0.061             | 0.030               | 0.8                                  | 0.323             | 0.156               | 0.1                                  | 8.813             | 6.547               | —                                    | 1.226             | 0.694               |
| 4          | —                                    | 0.177             | 0.107               | —                                    | 0.076             | 0.051               | —                                    | 0.064             | 0.043               | 0.4                                  | 0.283             | 0.145               | 28.2                                 | 5.950             | 3.058               | —                                    | 0.645             | 0.258               |
| 5          | —                                    | 0.243             | 0.098               | —                                    | 0.070             | 0.054               | —                                    | 0.063             | 0.025               | —                                    | 0.222             | 0.101               | —                                    | 1.988             | 0.763               | 0.3                                  | 0.457             | 0.176               |
| 6          | 0.0                                  | 0.225             | 0.088               | —                                    | 0.079             | 0.065               | —                                    | 0.075             | 0.034               | 22.7                                 | 1.091             | 1.013               | —                                    | 1.135             | 0.392               | 0.0                                  | 0.361             | 0.135               |
| 7          | 0.7                                  | 0.245             | 0.071               | 3.5                                  | 0.099             | 0.087               | 2.0                                  | 0.089             | 0.033               | 8.3                                  | 5.954             | 3.810               | 0.2                                  | 0.734             | 0.258               | —                                    | 0.290             | 0.127               |
| 8          | 5.7                                  | 0.276             | 0.084               | 32.7                                 | 0.392             | 0.542               | —                                    | 0.077             | 0.035               | —                                    | 1.911             | 1.074               | —                                    | 0.531             | 0.191               | —                                    | 0.286             | 0.105               |
| 9          | 0.3                                  | 0.297             | 0.188               | 0.0                                  | 0.123             | 0.134               | —                                    | 0.081             | 0.030               | —                                    | 0.920             | 0.402               | —                                    | 0.441             | 0.171               | 0.5                                  | 0.279             | 0.102               |
| 10         | 11.2                                 | 0.140             | 0.125               | —                                    | 0.104             | 0.108               | —                                    | 0.078             | 0.033               | —                                    | 0.588             | 0.158               | —                                    | 0.390             | 0.154               | —                                    | 0.269             | 0.099               |
| 11         | 44.5                                 | 0.162             | 0.134               | 1.2                                  | 0.102             | 0.076               | —                                    | 0.091             | 0.036               | —                                    | 0.386             | 0.139               | —                                    | 0.329             | 0.135               | —                                    | 0.246             | 0.112               |
| 12         | 0.2                                  | 1.419             | 2.591               | 4.4                                  | 0.132             | 0.101               | 70.5                                 | 3.806             | 2.319               | —                                    | 0.297             | 0.118               | —                                    | 0.314             | 0.122               | —                                    | 0.227             | 0.112               |
| 13         | 21.9                                 | 0.553             | 1.003               | 3.1                                  | 0.164             | 0.129               | 4.4                                  | 0.488             | 0.263               | —                                    | 0.250             | 0.089               | —                                    | 0.296             | 0.107               | 1.0                                  | 0.229             | 0.114               |
| 14         | 4.3                                  | 0.754             | 1.224               | 2.8                                  | 0.182             | 0.147               | 2.5                                  | 0.247             | 0.152               | —                                    | 0.225             | 0.083               | —                                    | 0.273             | 0.110               | 13.0                                 | 0.519             | 0.331               |
| 15         | 0.9                                  | 1.332             | 2.925               | —                                    | 0.113             | 0.131               | 0.5                                  | 0.166             | 0.095               | —                                    | 0.209             | 0.080               | —                                    | 0.229             | 0.119               | —                                    | 0.546             | 0.346               |
| 16         | 0.3                                  | 0.496             | 0.682               | —                                    | 0.099             | 0.070               | 4.4                                  | 0.142             | 0.088               | —                                    | 0.215             | 0.086               | —                                    | 0.235             | 0.137               | —                                    | 0.423             | 0.229               |
| 17         | 1.3                                  | 0.265             | 0.297               | 0.1                                  | 0.095             | 0.054               | 6.1                                  | 0.333             | 0.190               | 2.0                                  | 0.221             | 0.092               | —                                    | 0.219             | 0.115               | —                                    | 0.341             | 0.184               |
| 18         | 4.5                                  | 0.187             | 0.186               | 24.4                                 | 0.525             | 0.496               | —                                    | 0.159             | 0.055               | 21.8                                 | 1.481             | 0.654               | —                                    | 0.214             | 0.106               | —                                    | 0.324             | 0.146               |
| 19         | 0.0                                  | 0.264             | 0.254               | —                                    | 0.144             | 0.095               | —                                    | 0.137             | 0.059               | —                                    | 1.555             | 0.404               | 1.2                                  | 0.227             | 0.106               | 21.0                                 | 1.531             | 1.485               |
| 20         | —                                    | 0.221             | 0.168               | —                                    | 0.122             | 0.078               | —                                    | 0.114             | 0.064               | —                                    | 0.744             | 0.183               | —                                    | 0.206             | 0.098               | 2.3                                  | 3.906             | 3.105               |
| 21         | —                                    | 0.180             | 0.121               | —                                    | 0.110             | 0.064               | —                                    | 0.111             | 0.068               | —                                    | 0.540             | 0.136               | —                                    | 0.206             | 0.094               | —                                    | 1.773             | 0.862               |
| 22         | —                                    | 0.170             | 0.122               | 0.0                                  | 0.110             | 0.078               | —                                    | 0.111             | 0.060               | —                                    | 0.386             | 0.104               | —                                    | 0.183             | 0.089               | —                                    | 1.032             | 0.460               |
| 23         | —                                    | 0.149             | 0.114               | 0.1                                  | 0.117             | 0.073               | 31.3                                 | 1.403             | 0.763               | —                                    | 0.330             | 0.099               | —                                    | 0.187             | 0.094               | —                                    | 0.765             | 0.356               |
| 24         | 0.3                                  | 0.139             | 0.107               | 0.0                                  | 0.097             | 0.086               | 0.6                                  | 0.964             | 0.525               | —                                    | 0.294             | 0.095               | —                                    | 0.285             | 0.160               | —                                    | 0.595             | 0.266               |
| 25         | 0.2                                  | 0.136             | 0.101               | 0.0                                  | 0.101             | 0.067               | 8.1                                  | 0.378             | 0.190               | —                                    | 0.275             | 0.087               | 10.9                                 | 0.283             | 0.139               | —                                    | 0.454             | 0.215               |
| 26         | —                                    | 0.155             | 0.100               | —                                    | 0.099             | 0.045               | 59.8                                 | 22.432            | 21.429              | —                                    | 0.250             | 0.080               | 0.1                                  | 0.225             | 0.098               | —                                    | 0.412             | 0.196               |
| 27         | —                                    | 0.116             | 0.081               | —                                    | 0.086             | 0.038               | —                                    | 3.585             | 2.326               | 5.6                                  | 0.269             | 0.132               | —                                    | 0.209             | 0.098               | —                                    | 0.368             | 0.174               |
| 28         | —                                    | 0.119             | 0.079               | —                                    | 0.085             | 0.043               | —                                    | 0.894             | 0.624               | 0.3                                  | 0.274             | 0.128               | 0.1                                  | 0.212             | 0.093               | —                                    | 0.307             | 0.150               |
| 29         | —                                    | 0.104             | 0.072               | —                                    | 0.071             | 0.041               | —                                    | 0.425             | 0.345               | —                                    | 0.211             | 0.095               | —                                    | 0.189             | 0.098               | —                                    | 0.281             | 0.128               |
| 30         | —                                    | 0.098             | 0.075               | —                                    | 0.078             | 0.041               | —                                    | 0.291             | 0.122               | —                                    | 0.190             | 0.076               | —                                    | 0.187             | 0.098               | —                                    | 0.262             | 0.112               |
| 31         | —                                    | 0.103             | 0.122               | —                                    | 0.081             | 0.044               | —                                    | —                 | —                   | —                                    | 0.178             | 0.080               | —                                    | —                 | —                   | 5.8                                  | 0.381             | 0.193               |
| 計<br>Total | 105.8                                | 9.380             | 11.785              | 75.9                                 | 3.939             | 3.223               | 190.8                                | 37.019            | 30.122              | 73.2                                 | 20.840            | 10.312              | 64.8                                 | 27.549            | 15.008              | 67.2                                 | 19.931            | 11.736              |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 6 0 年                             |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|
|            | 1 月 Jan.                              |                             |                      | 2 月 Feb.                              |                             |                      | 3 月 Mar.                              |                             |                      | 4 月 Apr.                              |                             |                      | 5 月 May                               |                             |                      | 6 月 June                              |                             |                      |
|            | 降水量<br>Precipitation                  | 流出量<br>Runoff               |                      | 降水量<br>Precipitation                  | 流出量<br>Runoff               |                      | 降水量<br>Precipitation                  | 流出量<br>Runoff               |                      | 降水量<br>Precipitation                  | 流出量<br>Runoff               |                      | 降水量<br>Precipitation                  | 流出量<br>Runoff               |                      | 降水量<br>Precipitation                  | 流出量<br>Runoff               |                      |
|            | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
| 1          | —                                     | 0.308                       | 0.159                | —                                     | 0.241                       | 0.153                | 0.2                                   | 0.189                       | 0.111                | 0.0                                   | 0.817                       | 1.432                | 0.6                                   | 0.932                       | 1.264                | 1.3                                   | 0.213                       | 0.086                |
| 2          | —                                     | 0.269                       | 0.126                | —                                     | 0.246                       | 0.153                | —                                     | 0.170                       | 0.101                | —                                     | 0.507                       | 0.666                | —                                     | 0.738                       | 0.688                | 2.8                                   | 0.266                       | 0.128                |
| 3          | —                                     | 0.256                       | 0.125                | —                                     | 0.232                       | 0.143                | —                                     | 0.164                       | 0.098                | —                                     | 0.391                       | 0.429                | —                                     | 0.559                       | 0.456                | 7.9                                   | 0.241                       | 0.123                |
| 4          | —                                     | 0.249                       | 0.121                | 0.0                                   | 0.225                       | 0.129                | —                                     | 0.161                       | 0.098                | —                                     | 0.341                       | 0.331                | 4.2                                   | 0.563                       | 0.420                | 0.3                                   | 0.308                       | 0.155                |
| 5          | 0.0                                   | 0.243                       | 0.123                | —                                     | 0.206                       | 0.136                | —                                     | 0.156                       | 0.098                | —                                     | 0.316                       | 0.295                | —                                     | 0.464                       | 0.332                | —                                     | 0.217                       | 0.096                |
| 6          | —                                     | 0.215                       | 0.123                | —                                     | 0.206                       | 0.125                | —                                     | 0.156                       | 0.097                | 0.1                                   | 0.256                       | 0.206                | 11.9                                  | 0.817                       | 1.022                | —                                     | 0.195                       | 0.077                |
| 7          | —                                     | 0.215                       | 0.123                | —                                     | 0.201                       | 0.106                | —                                     | 0.149                       | 0.092                | —                                     | 0.206                       | 0.186                | 0.1                                   | 0.673                       | 0.877                | —                                     | 0.165                       | 0.074                |
| 8          | —                                     | 0.215                       | 0.123                | 1.4                                   | 0.211                       | 0.108                | 2.1                                   | 0.160                       | 0.095                | —                                     | 0.207                       | 0.160                | —                                     | 0.542                       | 0.498                | —                                     | 0.167                       | 0.077                |
| 9          | —                                     | 0.211                       | 0.123                | —                                     | 0.209                       | 0.111                | 6.7                                   | 0.241                       | 0.167                | 0.6                                   | 0.213                       | 0.131                | 37.6                                  | 6.275                       | 10.281               | —                                     | 0.167                       | 0.072                |
| 10         | 7.7                                   | 0.331                       | 0.217                | —                                     | 0.198                       | 0.105                | 7.8                                   | 0.227                       | 0.162                | 6.2                                   | 0.253                       | 0.197                | 0.2                                   | 9.900                       | 9.287                | 0.0                                   | 0.162                       | 0.069                |
| 11         | —                                     | 0.224                       | 0.144                | 0.4                                   | 0.189                       | 0.105                | —                                     | 0.244                       | 0.175                | —                                     | 0.174                       | 0.131                | —                                     | 2.788                       | 1.946                | —                                     | 0.174                       | 0.085                |
| 12         | —                                     | 0.192                       | 0.144                | —                                     | 0.192                       | 0.123                | —                                     | 0.185                       | 0.128                | 1.3                                   | 0.183                       | 0.140                | —                                     | 1.365                       | 0.770                | —                                     | 0.160                       | 0.071                |
| 13         | —                                     | 0.204                       | 0.110                | 0.0                                   | 0.180                       | 0.129                | —                                     | 0.151                       | 0.112                | 16.0                                  | 0.490                       | 0.938                | 3.7                                   | 0.887                       | 0.491                | 16.8                                  | 0.341                       | 0.188                |
| 14         | —                                     | 0.198                       | 0.112                | —                                     | 0.173                       | 0.129                | —                                     | 0.151                       | 0.098                | —                                     | 0.490                       | 1.370                | 0.3                                   | 0.761                       | 0.407                | 8.0                                   | 0.412                       | 0.202                |
| 15         | 7.7                                   | 0.237                       | 0.138                | —                                     | 0.186                       | 0.103                | —                                     | 0.152                       | 0.097                | —                                     | 0.370                       | 0.628                | 2.5                                   | 0.609                       | 0.325                | 0.9                                   | 0.312                       | 0.142                |
| 16         | 19.2                                  | 3.186                       | 5.116                | 1.2                                   | 0.180                       | 0.112                | 0.0                                   | 0.142                       | 0.095                | —                                     | 0.289                       | 0.415                | —                                     | 0.469                       | 0.223                | 1.9                                   | 0.281                       | 0.130                |
| 17         | —                                     | 2.041                       | 2.109                | 0.9                                   | 0.193                       | 0.103                | —                                     | 0.144                       | 0.091                | 4.9                                   | 0.303                       | 0.381                | —                                     | 0.370                       | 0.167                | —                                     | 0.209                       | 0.096                |
| 18         | —                                     | 1.042                       | 0.874                | —                                     | 0.162                       | 0.099                | —                                     | 0.136                       | 0.098                | —                                     | 0.213                       | 0.293                | 35.4                                  | 1.529                       | 1.998                | —                                     | 0.186                       | 0.081                |
| 19         | 3.0                                   | 0.827                       | 0.635                | —                                     | 0.171                       | 0.103                | —                                     | 0.148                       | 0.097                | 45.9                                  | 4.015                       | 7.871                | 1.3                                   | 5.350                       | 6.911                | 2.8                                   | 0.217                       | 0.105                |
| 20         | —                                     | 0.638                       | 0.536                | —                                     | 0.183                       | 0.098                | 8.4                                   | 0.189                       | 0.143                | 3.2                                   | 15.743                      | 17.907               | 0.0                                   | 2.331                       | 1.746                | —                                     | 0.191                       | 0.079                |
| 21         | —                                     | 0.525                       | 0.398                | —                                     | 0.174                       | 0.090                | —                                     | 0.159                       | 0.148                | —                                     | 3.227                       | 2.555                | 0.0                                   | 1.120                       | 0.649                | 59.9                                  | 7.301                       | 8.704                |
| 22         | —                                     | 0.438                       | 0.341                | —                                     | 0.170                       | 0.105                | —                                     | 0.138                       | 0.109                | —                                     | 1.427                       | 1.011                | —                                     | 0.713                       | 0.349                | 7.7                                   | 9.871                       | 8.541                |
| 23         | 0.0                                   | 0.386                       | 0.295                | —                                     | 0.173                       | 0.102                | —                                     | 0.139                       | 0.099                | —                                     | 0.768                       | 0.545                | —                                     | 0.521                       | 0.236                | 0.8                                   | 2.480                       | 1.268                |
| 24         | 0.2                                   | 0.346                       | 0.255                | —                                     | 0.171                       | 0.098                | —                                     | 0.131                       | 0.086                | 11.7                                  | 0.642                       | 0.476                | —                                     | 0.456                       | 0.208                | 12.8                                  | 2.259                       | 6.909                |
| 25         | 0.0                                   | 0.318                       | 0.222                | —                                     | 0.159                       | 0.095                | 25.0                                  | 0.459                       | 0.604                | 10.7                                  | 2.825                       | 5.053                | —                                     | 0.425                       | 0.168                | —                                     | 1.430                       | 1.127                |
| 26         | —                                     | 0.304                       | 0.203                | 0.2                                   | 0.166                       | 0.099                | 0.6                                   | 1.333                       | 3.342                | —                                     | 2.076                       | 2.059                | —                                     | 0.373                       | 0.138                | —                                     | 0.861                       | 0.400                |
| 27         | 0.0                                   | 0.298                       | 0.187                | 0.0                                   | 0.156                       | 0.099                | —                                     | 0.495                       | 0.798                | 4.1                                   | 1.365                       | 1.161                | 2.4                                   | 0.386                       | 0.144                | —                                     | 0.548                       | 0.220                |
| 28         | —                                     | 0.279                       | 0.179                | —                                     | 0.170                       | 0.098                | —                                     | 0.295                       | 0.412                | —                                     | 0.880                       | 0.727                | 2.5                                   | 0.366                       | 0.140                | —                                     | 0.433                       | 0.146                |
| 29         | —                                     | 0.262                       | 0.160                | 3.3                                   | 0.181                       | 0.097                | —                                     | 0.255                       | 0.306                | —                                     | 0.699                       | 0.539                | 0.1                                   | 0.314                       | 0.121                | 0.0                                   | 0.363                       | 0.120                |
| 30         | —                                     | 0.246                       | 0.149                | —                                     | —                           | —                    | 1.8                                   | 0.249                       | 0.276                | 9.0                                   | 1.018                       | 1.668                | —                                     | 0.268                       | 0.111                | —                                     | 0.323                       | 0.117                |
| 31         | —                                     | 0.255                       | 0.150                | —                                     | —                           | —                    | 14.7                                  | 1.055                       | 1.979                | —                                     | —                           | —                    | —                                     | 0.204                       | 0.081                | —                                     | —                           | —                    |
| 計<br>Total | 37.8                                  | 14.958                      | 13.820               | 7.4                                   | 5.504                       | 3.256                | 67.3                                  | 8.123                       | 10.412               | 113.7                                 | 40.704                      | 49.901               | 102.8                                 | 43.068                      | 42.454               | 123.9                                 | 30.453                      | 29.688               |

| 項目<br>Item |                                       | 1 9 6 0 年                   |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |  |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|--|
|            |                                       | 7 月 July                    |                      |                                       | 8 月 Aug.                    |                      |                                       | 9 月 Sep.                    |                      |                                       | 10 月 Oct.                   |                      |                                       | 11 月 Nov.                   |                      |                                       | 12 月 Dec.                   |                      |  |
|            |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |  |
| 日<br>Day   | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |  |
| 1          | 1.2                                   | 0.283                       | 0.103                | —                                     | 0.217                       | 0.073                | —                                     | 0.639                       | 0.236                | 0.4                                   | 0.361                       | 0.143                | —                                     | 0.275                       | 0.126                | —                                     | 0.271                       | 0.125                |  |
| 2          | —                                     | 0.255                       | 0.093                | —                                     | 0.227                       | 0.074                | 7.0                                   | 0.595                       | 0.294                | 0.0                                   | 0.300                       | 0.099                | —                                     | 0.290                       | 0.129                | —                                     | 0.268                       | 0.128                |  |
| 3          | —                                     | 0.248                       | 0.080                | —                                     | 0.192                       | 0.063                | —                                     | 0.462                       | 0.193                | 4.8                                   | 0.341                       | 0.145                | —                                     | 0.271                       | 0.120                | —                                     | 0.262                       | 0.116                |  |
| 4          | 29.9                                  | 1.541                       | 1.433                | —                                     | 0.194                       | 0.065                | 10.9                                  | 0.526                       | 0.293                | 0.0                                   | 0.357                       | 0.172                | 1.9                                   | 0.282                       | 0.130                | —                                     | 0.253                       | 0.128                |  |
| 5          | —                                     | 0.706                       | 0.362                | 0.0                                   | 0.180                       | 0.059                | 9.8                                   | 2.274                       | 2.174                | —                                     | 0.323                       | 0.130                | —                                     | 0.264                       | 0.117                | —                                     | 0.246                       | 0.109                |  |
| 6          | —                                     | 0.403                       | 0.155                | —                                     | 0.162                       | 0.049                | 1.8                                   | 1.394                       | 0.924                | 25.5                                  | 0.783                       | 0.446                | —                                     | 0.268                       | 0.117                | —                                     | 0.230                       | 0.114                |  |
| 7          | 22.0                                  | 0.980                       | 0.722                | —                                     | 0.158                       | 0.037                | 23.0                                  | 7.509                       | 8.647                | 47.0                                  | 25.702                      | 24.354               | —                                     | 0.262                       | 0.116                | —                                     | 0.227                       | 0.114                |  |
| 8          | 79.0                                  | 58.204                      | 58.224               | —                                     | 0.149                       | 0.037                | —                                     | 3.709                       | 2.552                | —                                     | 5.196                       | 3.238                | —                                     | 0.253                       | 0.117                | —                                     | 0.222                       | 0.112                |  |
| 9          | —                                     | 6.823                       | 4.521                | —                                     | 0.152                       | 0.034                | —                                     | 1.409                       | 0.681                | —                                     | 1.736                       | 0.837                | 0.6                                   | 0.264                       | 0.114                | 0.1                                   | 0.225                       | 0.109                |  |
| 10         | 7.9                                   | 2.915                       | 2.064                | 20.9                                  | 0.331                       | 0.176                | 1.1                                   | 0.756                       | 0.316                | —                                     | 1.023                       | 0.427                | —                                     | 0.256                       | 0.111                | —                                     | 0.237                       | 0.115                |  |
| 11         | —                                     | 1.279                       | 0.711                | 100.3                                 | 21.611                      | 23.384               | 15.6                                  | 1.237                       | 1.065                | —                                     | 0.732                       | 0.290                | —                                     | 0.232                       | 0.107                | 1.8                                   | 0.225                       | 0.110                |  |
| 12         | —                                     | 0.806                       | 0.332                | 0.8                                   | 3.650                       | 1.751                | 1.4                                   | 1.127                       | 0.935                | —                                     | 0.498                       | 0.205                | 12.7                                  | 0.386                       | 0.237                | 0.3                                   | 0.225                       | 0.105                |  |
| 13         | —                                     | 0.585                       | 0.201                | 20.5                                  | 3.362                       | 3.351                | 2.2                                   | 0.978                       | 0.724                | —                                     | 0.451                       | 0.184                | 0.0                                   | 0.285                       | 0.145                | —                                     | 0.217                       | 0.105                |  |
| 14         | 0.4                                   | 0.432                       | 0.150                | 20.5                                  | 7.544                       | 9.861                | —                                     | 0.890                       | 0.565                | —                                     | 0.408                       | 0.172                | 0.0                                   | 0.234                       | 0.122                | —                                     | 0.215                       | 0.111                |  |
| 15         | 5.7                                   | 0.458                       | 0.172                | —                                     | 3.681                       | 2.800                | 4.1                                   | 0.771                       | 0.425                | —                                     | 0.399                       | 0.149                | —                                     | 0.246                       | 0.115                | 2.1                                   | 0.219                       | 0.108                |  |
| 16         | 0.5                                   | 0.396                       | 0.159                | —                                     | 1.475                       | 0.635                | —                                     | 0.574                       | 0.309                | 22.0                                  | 0.783                       | 0.545                | —                                     | 0.239                       | 0.115                | —                                     | 0.217                       | 0.109                |  |
| 17         | 3.8                                   | 0.393                       | 0.162                | —                                     | 0.684                       | 0.269                | —                                     | 0.474                       | 0.227                | —                                     | 0.681                       | 0.585                | 4.3                                   | 0.293                       | 0.154                | 0.0                                   | 0.207                       | 0.108                |  |
| 18         | —                                     | 0.316                       | 0.122                | —                                     | 0.490                       | 0.160                | —                                     | 0.466                       | 0.189                | —                                     | 0.462                       | 0.240                | —                                     | 0.260                       | 0.135                | 0.0                                   | 0.207                       | 0.109                |  |
| 19         | —                                     | 0.281                       | 0.104                | —                                     | 0.420                       | 0.161                | 31.9                                  | 3.072                       | 3.292                | —                                     | 0.379                       | 0.180                | —                                     | 0.234                       | 0.116                | —                                     | 0.206                       | 0.094                |  |
| 20         | —                                     | 0.279                       | 0.102                | —                                     | 0.363                       | 0.094                | —                                     | 4.428                       | 3.885                | —                                     | 0.366                       | 0.162                | —                                     | 0.225                       | 0.109                | —                                     | 0.190                       | 0.094                |  |
| 21         | —                                     | 0.233                       | 0.124                | —                                     | 0.315                       | 0.088                | —                                     | 1.780                       | 0.953                | —                                     | 0.350                       | 0.150                | 2.2                                   | 0.235                       | 0.115                | —                                     | 0.190                       | 0.094                |  |
| 22         | —                                     | 0.240                       | 0.096                | —                                     | 0.281                       | 0.128                | —                                     | 0.995                       | 0.415                | —                                     | 0.324                       | 0.140                | 16.4                                  | 0.822                       | 0.628                | —                                     | 0.190                       | 0.094                |  |
| 23         | —                                     | 0.225                       | 0.093                | 0.1                                   | 0.279                       | 0.086                | —                                     | 0.673                       | 0.306                | —                                     | 0.300                       | 0.114                | —                                     | 0.375                       | 0.222                | —                                     | 0.192                       | 0.094                |  |
| 24         | —                                     | 0.199                       | 0.076                | 0.1                                   | 0.304                       | 0.141                | 0.3                                   | 0.559                       | 0.228                | —                                     | 0.320                       | 0.140                | 8.4                                   | 0.398                       | 0.246                | 3.3                                   | 0.202                       | 0.103                |  |
| 25         | —                                     | 0.186                       | 0.067                | —                                     | 0.243                       | 0.072                | —                                     | 0.504                       | 0.200                | —                                     | 0.308                       | 0.125                | 2.7                                   | 0.613                       | 0.393                | 1.6                                   | 0.250                       | 0.139                |  |
| 26         | —                                     | 0.187                       | 0.064                | —                                     | 0.226                       | 0.108                | —                                     | 0.433                       | 0.149                | —                                     | 0.324                       | 0.137                | 1.2                                   | 0.504                       | 0.312                | —                                     | 0.215                       | 0.101                |  |
| 27         | —                                     | 0.208                       | 0.079                | —                                     | 0.211                       | 0.140                | 3.6                                   | 0.440                       | 0.166                | 8.5                                   | 0.448                       | 0.240                | —                                     | 0.631                       | 0.212                | 0.0                                   | 0.211                       | 0.097                |  |
| 28         | —                                     | 0.183                       | 0.057                | 2.1                                   | 0.235                       | 0.069                | 1.6                                   | 0.410                       | 0.145                | —                                     | 0.321                       | 0.144                | —                                     | 0.339                       | 0.171                | —                                     | 0.190                       | 0.095                |  |
| 29         | 26.2                                  | 0.565                       | 0.337                | 88.9                                  | 18.510                      | 19.220               | 0.0                                   | 0.302                       | 0.139                | —                                     | 0.279                       | 0.137                | —                                     | 0.306                       | 0.156                | 0.0                                   | 0.173                       | 0.097                |  |
| 30         | 0.0                                   | 0.258                       | 0.099                | —                                     | 4.661                       | 2.662                | 0.0                                   | 0.361                       | 0.146                | 0.2                                   | 0.277                       | 0.130                | 0.4                                   | 0.296                       | 0.147                | 0.0                                   | 0.168                       | 0.089                |  |
| 31         | 0.0                                   | 0.234                       | 0.076                | —                                     | 1.185                       | 0.440                | —                                     | —                           | —                    | —                                     | 0.282                       | 0.119                | —                                     | —                           | —                    | 0.0                                   | 0.168                       | 0.093                |  |
| 計<br>Total | 176.6                                 | 80.301                      | 71.140               | 254.2                                 | 71.692                      | 66.287               | 114.3                                 | 39.747                      | 30.773               | 108.4                                 | 44.814                      | 34.279               | 50.8                                  | 9.838                       | 5.154                | 9.2                                   | 6.718                       | 3.319                |  |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1961年                                |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
|------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|
|            | 1 月 Jan.                             |                            |                     | 2 月 Feb.                             |                            |                     | 3 月 Mar.                             |                            |                     | 4 月 Apr.                             |                            |                     | 5 月 May                              |                            |                     | 6 月 June                             |                            |                     |
|            | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       |
|            | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
| 1          | 0.0                                  | 0.177                      | 0.097               | —                                    | 0.163                      | 0.105               | —                                    | 0.198                      | 0.095               | —                                    | 0.585                      | 0.315               | —                                    | 0.692                      | 0.343               | —                                    | 0.216                      | 0.099               |
| 2          | —                                    | 0.184                      | 0.097               | —                                    | 0.177                      | 0.111               | 1.4                                  | 0.171                      | 0.093               | —                                    | 0.428                      | 0.230               | 1.0                                  | 0.556                      | 0.278               | —                                    | 0.210                      | 0.093               |
| 3          | 7.5                                  | 0.257                      | 0.143               | —                                    | 0.170                      | 0.102               | 8.1                                  | 0.264                      | 0.180               | —                                    | 0.370                      | 0.204               | 17.7                                 | 0.859                      | 0.670               | 0.0                                  | 0.234                      | 0.101               |
| 4          | —                                    | 0.222                      | 0.122               | —                                    | 0.167                      | 0.104               | 1.4                                  | 0.197                      | 0.144               | 20.0                                 | 1.115                      | 1.400               | 18.5                                 | 7.525                      | 9.100               | 0.5                                  | 0.235                      | 0.100               |
| 5          | —                                    | 0.190                      | 0.101               | 16.2                                 | 0.352                      | 0.302               | —                                    | 0.185                      | 0.116               | —                                    | 1.873                      | 2.187               | —                                    | 3.828                      | 3.260               | —                                    | 0.217                      | 0.082               |
| 6          | —                                    | 0.182                      | 0.099               | 21.9                                 | 2.949                      | 3.574               | —                                    | 0.183                      | 0.112               | —                                    | 1.130                      | 0.824               | —                                    | 1.634                      | 1.049               | —                                    | 0.193                      | 0.083               |
| 7          | —                                    | 0.161                      | 0.093               | 0.2                                  | 4.392                      | 3.414               | —                                    | 0.166                      | 0.095               | —                                    | 0.741                      | 0.482               | —                                    | 1.038                      | 0.611               | —                                    | 0.178                      | 0.076               |
| 8          | 24.1                                 | 0.478                      | 0.338               | —                                    | 1.435                      | 0.799               | —                                    | 0.170                      | 0.095               | 21.1                                 | 3.390                      | 5.016               | —                                    | 0.780                      | 0.508               | 7.4                                  | 0.235                      | 0.124               |
| 9          | 5.8                                  | 1.458                      | 1.151               | —                                    | 0.787                      | 0.403               | —                                    | 0.161                      | 0.089               | —                                    | 1.518                      | 1.123               | —                                    | 0.591                      | 0.304               | 24.4                                 | 0.791                      | 0.653               |
| 10         | 0.3                                  | 1.456                      | 0.971               | 0.0                                  | 0.528                      | 0.272               | —                                    | 0.156                      | 0.086               | —                                    | 3.671                      | 3.154               | 0.8                                  | 0.518                      | 0.246               | —                                    | 0.354                      | 0.216               |
| 11         | —                                    | 0.813                      | 0.359               | 1.2                                  | 0.466                      | 0.245               | —                                    | 0.166                      | 0.092               | 3.5                                  | 1.031                      | 0.692               | 6.0                                  | 0.616                      | 0.317               | —                                    | 0.264                      | 0.132               |
| 12         | —                                    | 0.483                      | 0.217               | 0.3                                  | 0.366                      | 0.194               | 4.8                                  | 0.165                      | 0.095               | 2.4                                  | 0.933                      | 0.634               | 4.2                                  | 0.594                      | 0.369               | —                                    | 0.214                      | 0.109               |
| 13         | —                                    | 0.350                      | 0.173               | —                                    | 0.318                      | 0.162               | 9.0                                  | 0.411                      | 0.286               | —                                    | 0.748                      | 0.521               | —                                    | 0.366                      | 0.216               | —                                    | 0.242                      | 0.103               |
| 14         | 0.0                                  | 0.314                      | 0.152               | 0.1                                  | 0.281                      | 0.132               | —                                    | 0.270                      | 0.261               | 19.9                                 | 1.379                      | 1.680               | —                                    | 0.331                      | 0.170               | 4.0                                  | 0.248                      | 0.122               |
| 15         | 0.0                                  | 0.286                      | 0.144               | 0.0                                  | 0.260                      | 0.130               | 5.9                                  | 0.242                      | 0.210               | —                                    | 4.278                      | 5.010               | —                                    | 0.323                      | 0.154               | —                                    | 0.194                      | 0.092               |
| 16         | —                                    | 0.241                      | 0.129               | —                                    | 0.244                      | 0.120               | 0.0                                  | 0.336                      | 0.327               | —                                    | 2.166                      | 1.674               | 8.9                                  | 0.460                      | 0.167               | 8.9                                  | 0.249                      | 0.137               |
| 17         | —                                    | 0.225                      | 0.125               | —                                    | 0.232                      | 0.121               | —                                    | 0.275                      | 0.272               | —                                    | 1.245                      | 0.884               | —                                    | 0.320                      | 0.173               | —                                    | 0.254                      | 0.136               |
| 18         | —                                    | 0.234                      | 0.137               | —                                    | 0.227                      | 0.115               | 0.8                                  | 0.266                      | 0.210               | —                                    | 0.805                      | 0.518               | 18.1                                 | 0.787                      | 0.782               | —                                    | 0.172                      | 0.082               |
| 19         | 0.0                                  | 0.215                      | 0.119               | —                                    | 0.217                      | 0.111               | 18.0                                 | 3.415                      | 4.069               | —                                    | 0.616                      | 0.407               | —                                    | 0.753                      | 1.174               | —                                    | 0.166                      | 0.078               |
| 20         | —                                    | 0.206                      | 0.106               | —                                    | 0.201                      | 0.109               | —                                    | 1.910                      | 1.584               | —                                    | 0.521                      | 0.297               | 1.8                                  | 0.547                      | 0.562               | —                                    | 0.166                      | 0.078               |
| 21         | —                                    | 0.215                      | 0.112               | —                                    | 0.219                      | 0.115               | —                                    | 0.937                      | 0.643               | 28.5                                 | 1.545                      | 2.224               | 0.5                                  | 0.493                      | 0.416               | —                                    | 0.172                      | 0.085               |
| 22         | —                                    | 0.214                      | 0.115               | —                                    | 0.203                      | 0.115               | —                                    | 0.629                      | 0.407               | 0.6                                  | 5.229                      | 6.521               | —                                    | 0.353                      | 0.244               | —                                    | 0.150                      | 0.071               |
| 23         | 1.4                                  | 0.196                      | 0.108               | —                                    | 0.198                      | 0.109               | —                                    | 0.477                      | 0.281               | —                                    | 2.427                      | 1.975               | 13.3                                 | 0.571                      | 0.449               | 4.6                                  | 0.175                      | 0.094               |
| 24         | 1.6                                  | 0.246                      | 0.134               | —                                    | 0.196                      | 0.103               | —                                    | 0.391                      | 0.226               | —                                    | 1.293                      | 0.847               | —                                    | 0.561                      | 0.753               | 42.6                                 | 1.422                      | 1.804               |
| 25         | 0.7                                  | 0.234                      | 0.120               | 0.1                                  | 0.196                      | 0.101               | 8.2                                  | 0.428                      | 0.262               | —                                    | 0.849                      | 0.500               | —                                    | 0.396                      | 0.386               | 3.4                                  | 0.878                      | 1.270               |
| 26         | —                                    | 0.198                      | 0.105               | 0.3                                  | 0.186                      | 0.102               | 20.2                                 | 3.333                      | 5.018               | 33.8                                 | 7.929                      | 9.981               | —                                    | 0.327                      | 0.237               | 45.1                                 | 5.801                      | 9.394               |
| 27         | —                                    | 0.183                      | 0.093               | —                                    | 0.182                      | 0.097               | 6.1                                  | 5.257                      | 5.057               | —                                    | 6.850                      | 5.389               | —                                    | 0.321                      | 0.183               | 0.6                                  | 12.622                     | 13.183              |
| 28         | —                                    | 0.182                      | 0.098               | —                                    | 0.173                      | 0.096               | —                                    | 2.527                      | 2.032               | —                                    | 2.253                      | 1.497               | 3.5                                  | 0.351                      | 0.183               | 11.4                                 | 3.363                      | 2.939               |
| 29         | 0.8                                  | 0.195                      | 0.109               | —                                    | —                          | —                   | —                                    | 1.437                      | 0.930               | —                                    | 1.233                      | 0.699               | —                                    | 0.292                      | 0.146               | 35.2                                 | 24.182                     | 25.052              |
| 30         | —                                    | 0.191                      | 0.109               | —                                    | —                          | —                   | —                                    | 0.957                      | 0.602               | —                                    | 0.864                      | 0.489               | —                                    | 0.275                      | 0.136               | 0.0                                  | 6.044                      | 4.471               |
| 31         | —                                    | 0.170                      | 0.105               | —                                    | —                          | —                   | —                                    | 0.683                      | 0.406               | —                                    | —                          | —                   | —                                    | 0.263                      | 0.127               | —                                    | —                          | —                   |
| 計<br>Total | 42.2                                 | 10.356                     | 6.081               | 40.3                                 | 15.485                     | 11.463              | 83.7                                 | 26.363                     | 24.375              | 129.9                                | 59.015                     | 57.374              | 94.3                                 | 27.321                     | 23.713              | 188.1                                | 59.881                     | 61.059              |

| 項目<br>Item |                                       | 1 9 6 1 年                   |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |  |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|--|
|            |                                       | 7 月 July                    |                      |                                       | 8 月 Aug.                    |                      |                                       | 9 月 Sep.                    |                      |                                       | 10 月 Oct.                   |                      |                                       | 11 月 Nov.                   |                      |                                       | 12 月 Dec.                   |                      |  |
|            |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |                                       | 降水量<br>Precipitation        | 流 出 量<br>Runoff      |  |
| Day        | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |  |
| 1          | —                                     | 1,964                       | 1,137                | 9.8                                   | 0,332                       | 0,162                | —                                     | 0,209                       | 0,068                | 0.3                                   | 0,182                       | 0,076                | —                                     | 0,421                       | 0,210                | —                                     | 0,290                       | 0,133                |  |
| 2          | 0.5                                   | 1,001                       | 0,494                | 7.4                                   | 0,351                       | 0,161                | 4.2                                   | 0,235                       | 0,084                | —                                     | 0,190                       | 0,076                | 2.8                                   | 0,388                       | 0,177                | —                                     | 0,271                       | 0,115                |  |
| 3          | 6.7                                   | 0,424                       | 0,342                | —                                     | 0,283                       | 0,142                | 51.3                                  | 1,324                       | 0,975                | —                                     | 0,180                       | 0,075                | 1.8                                   | 0,402                       | 0,214                | —                                     | 0,258                       | 0,112                |  |
| 4          | 41.2                                  | 15,947                      | 17,965               | —                                     | 0,277                       | 0,158                | 2.9                                   | 0,998                       | 0,602                | —                                     | 0,179                       | 0,072                | —                                     | 0,339                       | 0,153                | 0.1                                   | 0,241                       | 0,112                |  |
| 5          | 7.2                                   | 8,045                       | 6,251                | 8.8                                   | 0,439                       | 0,185                | —                                     | 0,313                       | 0,113                | —                                     | 0,183                       | 0,087                | —                                     | 0,282                       | 0,128                | 0.4                                   | 0,244                       | 0,105                |  |
| 6          | 1.1                                   | 4,333                       | 3,790                | 0.0                                   | 0,269                       | 0,107                | 0.4                                   | 0,236                       | 0,087                | 63.5                                  | 7,674                       | 8,475                | —                                     | 0,264                       | 0,116                | —                                     | 0,249                       | 0,111                |  |
| 7          | —                                     | 2,255                       | 1,463                | —                                     | 0,233                       | 0,083                | —                                     | 0,220                       | 0,078                | —                                     | 2,973                       | 2,287                | —                                     | 0,244                       | 0,112                | —                                     | 0,227                       | 0,108                |  |
| 8          | —                                     | 1,123                       | 0,466                | 12.9                                  | 0,344                       | 0,157                | —                                     | 0,213                       | 0,074                | —                                     | 0,676                       | 0,344                | 0.4                                   | 0,258                       | 0,121                | —                                     | 0,222                       | 0,101                |  |
| 9          | 93.0                                  | 51,542                      | 33,444               | 1.3                                   | 0,365                       | 0,170                | 3.1                                   | 0,245                       | 0,090                | —                                     | 0,410                       | 0,186                | —                                     | 0,229                       | 0,117                | —                                     | 0,219                       | 0,098                |  |
| 10         | 0.3                                   | 16,735                      | 17,416               | —                                     | 0,250                       | 0,097                | 3.0                                   | 0,239                       | 0,101                | 0.2                                   | 0,313                       | 0,128                | —                                     | 0,222                       | 0,108                | —                                     | 0,219                       | 0,098                |  |
| 11         | 2.0                                   | 4,551                       | 3,241                | —                                     | 0,235                       | 0,089                | —                                     | 0,200                       | 0,083                | —                                     | 0,243                       | 0,116                | —                                     | 0,232                       | 0,102                | —                                     | 0,212                       | 0,098                |  |
| 12         | 0.1                                   | 2,128                       | 1,459                | —                                     | 0,226                       | 0,094                | —                                     | 0,183                       | 0,072                | —                                     | 0,225                       | 0,107                | —                                     | 0,227                       | 0,099                | —                                     | 0,217                       | 0,098                |  |
| 13         | —                                     | 1,345                       | 0,753                | —                                     | 0,214                       | 0,132                | —                                     | 0,164                       | 0,066                | —                                     | 0,214                       | 0,102                | —                                     | 0,207                       | 0,091                | —                                     | 0,217                       | 0,098                |  |
| 14         | —                                     | 1,001                       | 0,321                | —                                     | 0,204                       | 0,135                | 34.4                                  | 0,847                       | 0,628                | —                                     | 0,204                       | 0,090                | —                                     | 0,207                       | 0,089                | 0.1                                   | 0,217                       | 0,098                |  |
| 15         | —                                     | 0,627                       | 0,190                | —                                     | 0,204                       | 0,079                | 27.3                                  | 2,914                       | 3,651                | —                                     | 0,195                       | 0,090                | —                                     | 0,209                       | 0,091                | —                                     | 0,217                       | 0,098                |  |
| 16         | —                                     | 0,459                       | 0,164                | —                                     | 0,182                       | 0,060                | 30.0                                  | 7,482                       | 9,337                | —                                     | 0,195                       | 0,087                | 2.0                                   | 0,219                       | 0,105                | 0.3                                   | 0,206                       | 0,098                |  |
| 17         | —                                     | 0,410                       | 0,136                | —                                     | 0,176                       | 0,062                | —                                     | 1,000                       | 0,696                | 25.1                                  | 0,190                       | 0,085                | 13.8                                  | 0,376                       | 0,245                | 13.3                                  | 0,457                       | 0,323                |  |
| 18         | —                                     | 0,390                       | 0,125                | —                                     | 0,180                       | 0,069                | —                                     | 0,358                       | 0,163                | —                                     | 0,774                       | 0,636                | 1.5                                   | 0,349                       | 0,223                | —                                     | 0,264                       | 0,155                |  |
| 19         | —                                     | 0,379                       | 0,120                | 5.6                                   | 0,217                       | 0,085                | 0.5                                   | 0,257                       | 0,127                | 1.6                                   | 0,343                       | 0,202                | —                                     | 0,237                       | 0,158                | 0.0                                   | 0,239                       | 0,130                |  |
| 20         | —                                     | 0,344                       | 0,111                | 3.4                                   | 0,270                       | 0,113                | 0.4                                   | 0,260                       | 0,121                | —                                     | 0,253                       | 0,127                | 0.1                                   | 0,232                       | 0,117                | —                                     | 0,219                       | 0,122                |  |
| 21         | —                                     | 0,321                       | 0,101                | 0.2                                   | 0,216                       | 0,082                | 0.1                                   | 0,243                       | 0,133                | —                                     | 0,227                       | 0,120                | 31.0                                  | 2,813                       | 3,524                | —                                     | 0,201                       | 0,108                |  |
| 22         | —                                     | 0,313                       | 0,103                | 7.0                                   | 0,288                       | 0,121                | —                                     | 0,217                       | 0,132                | 17.8                                  | 0,646                       | 0,466                | —                                     | 2,464                       | 2,106                | —                                     | 0,189                       | 0,102                |  |
| 23         | 1.3                                   | 0,329                       | 0,113                | —                                     | 0,202                       | 0,097                | 3.7                                   | 0,232                       | 0,108                | —                                     | 0,734                       | 0,667                | 0.2                                   | 0,910                       | 0,501                | —                                     | 0,193                       | 0,101                |  |
| 24         | 0.1                                   | 0,325                       | 0,108                | —                                     | 0,191                       | 0,118                | 2.5                                   | 0,294                       | 0,202                | —                                     | 0,387                       | 0,217                | —                                     | 0,497                       | 0,257                | 0.2                                   | 0,198                       | 0,102                |  |
| 25         | 0.1                                   | 0,311                       | 0,102                | —                                     | 0,190                       | 0,092                | 0.1                                   | 0,227                       | 0,142                | —                                     | 0,296                       | 0,163                | —                                     | 0,397                       | 0,188                | —                                     | 0,189                       | 0,094                |  |
| 26         | —                                     | 0,278                       | 0,087                | 0.5                                   | 0,190                       | 0,072                | 1.2                                   | 0,219                       | 0,143                | 70.0                                  | 17,144                      | 18,154               | —                                     | 0,341                       | 0,162                | —                                     | 0,189                       | 0,102                |  |
| 27         | —                                     | 0,262                       | 0,079                | 14.3                                  | 0,355                       | 0,179                | —                                     | 0,204                       | 0,142                | 8.5                                   | 17,082                      | 15,534               | —                                     | 0,326                       | 0,149                | 0.9                                   | 0,195                       | 0,105                |  |
| 28         | —                                     | 0,246                       | 0,073                | 1.7                                   | 0,273                       | 0,122                | —                                     | 0,185                       | 0,137                | 1.3                                   | 4,850                       | 4,276                | 6.4                                   | 0,445                       | 0,254                | 1.3                                   | 0,189                       | 0,102                |  |
| 29         | 8.0                                   | 0,322                       | 0,128                | —                                     | 0,185                       | 0,087                | —                                     | 0,190                       | 0,150                | —                                     | 1,781                       | 1,133                | —                                     | 0,318                       | 0,170                | 0.4                                   | 0,207                       | 0,114                |  |
| 30         | —                                     | 0,315                       | 0,109                | —                                     | 0,198                       | 0,077                | —                                     | 0,193                       | 0,082                | —                                     | 0,838                       | 0,446                | —                                     | 0,302                       | 0,149                | —                                     | 0,187                       | 0,105                |  |
| 31         | —                                     | 0,272                       | 0,089                | —                                     | 0,191                       | 0,077                | —                                     | —                           | —                    | —                                     | 0,572                       | 0,287                | —                                     | —                           | —                    | 1.6                                   | 0,189                       | 0,098                |  |
| 計<br>Total | 161.6                                 | 118,297                     | 90,480               | 72.9                                  | 7,730                       | 3,464                | 165.1                                 | 20,101                      | 18,587               | 188.3                                 | 60,353                      | 54,911               | 60.0                                  | 14,357                      | 10,236               | 18.6                                  | 7,031                       | 3,544                |  |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 6 2 年                             |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|
|            | 1 月 Jan.                              |                             |                      | 2 月 Feb.                              |                             |                      | 3 月 Mar.                              |                             |                      | 4 月 Apr.                              |                             |                      | 5 月 May                               |                             |                      | 6 月 June                              |                             |                      |
|            | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      |
|            | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
| 1          | 7.5                                   | 0.323                       | 0.235                | —                                     | 0.163                       | 0.085                | —                                     | 0.153                       | 0.085                | —                                     | 0.122                       | 0.071                | —                                     | 0.258                       | 0.146                | —                                     | 0.353                       | 0.164                |
| 2          | 5.0                                   | 0.301                       | 0.232                | —                                     | 0.161                       | 0.089                | —                                     | 0.146                       | 0.081                | 36.6                                  | 1.151                       | 1.353                | —                                     | 0.229                       | 0.133                | 11.3                                  | 0.444                       | 0.231                |
| 3          | —                                     | 0.257                       | 0.195                | —                                     | 0.161                       | 0.093                | —                                     | 0.146                       | 0.080                | 4.3                                   | 4.862                       | 5.631                | 1.8                                   | 0.234                       | 0.129                | 8.2                                   | 0.650                       | 0.514                |
| 4          | —                                     | 0.220                       | 0.151                | —                                     | 0.161                       | 0.093                | —                                     | 0.138                       | 0.081                | —                                     | 1.357                       | 0.915                | 9.9                                   | 0.322                       | 0.204                | —                                     | 0.462                       | 0.413                |
| 5          | —                                     | 0.207                       | 0.130                | —                                     | 0.159                       | 0.092                | 0.9                                   | 0.141                       | 0.077                | —                                     | 0.585                       | 0.370                | —                                     | 0.290                       | 0.165                | —                                     | 0.342                       | 0.247                |
| 6          | —                                     | 0.206                       | 0.128                | —                                     | 0.161                       | 0.087                | 0.4                                   | 0.217                       | 0.083                | —                                     | 0.409                       | 0.255                | —                                     | 0.216                       | 0.116                | 0.1                                   | 0.284                       | 0.176                |
| 7          | —                                     | 0.195                       | 0.121                | —                                     | 0.155                       | 0.085                | 1.1                                   | 0.153                       | 0.089                | 2.7                                   | 0.371                       | 0.226                | —                                     | 0.207                       | 0.103                | 16.0                                  | 0.890                       | 1.224                |
| 8          | —                                     | 0.201                       | 0.116                | 7.0                                   | 0.198                       | 0.134                | —                                     | 0.139                       | 0.066                | 0.6                                   | 0.316                       | 0.193                | 11.3                                  | 0.252                       | 0.125                | 27.1                                  | 1.370                       | 2.588                |
| 9          | —                                     | 0.196                       | 0.098                | —                                     | 0.182                       | 0.108                | 6.8                                   | 0.193                       | 0.117                | 39.0                                  | 8.886                       | 10.266               | 13.5                                  | 1.713                       | 2.578                | 70.0                                  | 60.102                      | 64.013               |
| 10         | 0.1                                   | 0.196                       | 0.098                | 0.7                                   | 0.174                       | 0.108                | —                                     | 0.149                       | 0.086                | —                                     | 7.656                       | 6.753                | —                                     | 0.823                       | 0.680                | 0.6                                   | 14.218                      | 11.783               |
| 11         | —                                     | 0.196                       | 0.093                | 0.0                                   | 0.161                       | 0.095                | —                                     | 0.136                       | 0.083                | —                                     | 2.280                       | 1.504                | 17.4                                  | 0.854                       | 0.830                | 0.3                                   | 3.917                       | 2.940                |
| 12         | —                                     | 0.196                       | 0.098                | —                                     | 0.155                       | 0.092                | —                                     | 0.135                       | 0.080                | 6.4                                   | 1.172                       | 0.706                | 5.5                                   | 4.447                       | 5.050                | 24.0                                  | 4.250                       | 6.258                |
| 13         | —                                     | 0.190                       | 0.104                | —                                     | 0.148                       | 0.085                | —                                     | 0.135                       | 0.077                | 8.7                                   | 2.823                       | 3.244                | —                                     | 1.959                       | 1.268                | 62.4                                  | 58.254                      | 57.384               |
| 14         | —                                     | 0.187                       | 0.101                | 0.0                                   | 0.151                       | 0.091                | 8.7                                   | 0.207                       | 0.105                | —                                     | 2.365                       | 1.982                | 21.8                                  | 2.336                       | 2.273                | 8.1                                   | 10.472                      | 9.022                |
| 15         | 0.0                                   | 0.187                       | 0.105                | —                                     | 0.139                       | 0.090                | 1.1                                   | 0.211                       | 0.140                | —                                     | 1.251                       | 0.845                | —                                     | 6.682                       | 5.686                | —                                     | 5.365                       | 4.651                |
| 16         | 0.0                                   | 0.186                       | 0.098                | 0.0                                   | 0.146                       | 0.084                | 0.2                                   | 0.151                       | 0.091                | —                                     | 0.761                       | 0.503                | —                                     | 2.028                       | 1.618                | —                                     | 2.352                       | 1.620                |
| 17         | —                                     | 0.171                       | 0.095                | 1.0                                   | 0.154                       | 0.089                | 0.0                                   | 0.137                       | 0.085                | 17.1                                  | 0.965                       | 0.753                | —                                     | 1.007                       | 0.726                | —                                     | 1.365                       | 0.732                |
| 18         | 0.9                                   | 0.182                       | 0.101                | —                                     | 0.156                       | 0.096                | 0.1                                   | 0.136                       | 0.085                | 3.1                                   | 3.731                       | 4.351                | —                                     | 0.611                       | 0.448                | 3.7                                   | 1.023                       | 0.555                |
| 19         | 11.7                                  | 0.272                       | 0.195                | 3.1                                   | 0.164                       | 0.111                | —                                     | 0.139                       | 0.084                | —                                     | 2.221                       | 1.763                | —                                     | 0.556                       | 0.307                | —                                     | 0.638                       | 0.317                |
| 20         | 0.0                                   | 0.293                       | 0.171                | 0.0                                   | 0.146                       | 0.093                | 1.0                                   | 0.146                       | 0.089                | —                                     | 1.185                       | 0.824                | —                                     | 0.433                       | 0.212                | 1.0                                   | 0.499                       | 0.223                |
| 21         | 0.3                                   | 0.217                       | 0.136                | —                                     | 0.146                       | 0.089                | —                                     | 0.140                       | 0.087                | 5.8                                   | 0.972                       | 0.713                | —                                     | 0.337                       | 0.156                | 9.0                                   | 0.590                       | 0.306                |
| 22         | —                                     | 0.192                       | 0.123                | 1.0                                   | 0.159                       | 0.092                | —                                     | 0.131                       | 0.089                | —                                     | 0.686                       | 0.545                | —                                     | 0.276                       | 0.120                | 0.1                                   | 0.471                       | 0.251                |
| 23         | 0.0                                   | 0.190                       | 0.116                | —                                     | 0.146                       | 0.089                | 0.3                                   | 0.131                       | 0.074                | —                                     | 0.580                       | 0.407                | 16.8                                  | 0.575                       | 0.577                | —                                     | 0.411                       | 0.191                |
| 24         | —                                     | 0.186                       | 0.114                | —                                     | 0.142                       | 0.091                | 0.0                                   | 0.130                       | 0.075                | —                                     | 0.461                       | 0.291                | —                                     | 0.329                       | 0.262                | 10.0                                  | 0.477                       | 0.270                |
| 25         | —                                     | 0.178                       | 0.111                | 0.1                                   | 0.146                       | 0.092                | 1.2                                   | 0.131                       | 0.075                | 9.0                                   | 0.513                       | 0.325                | —                                     | 0.255                       | 0.158                | 58.4                                  | 25.588                      | 29.567               |
| 26         | —                                     | 0.173                       | 0.106                | —                                     | 0.146                       | 0.091                | 1.1                                   | 0.141                       | 0.087                | —                                     | 0.511                       | 0.452                | 12.0                                  | 0.305                       | 0.234                | 1.9                                   | 7.641                       | 6.009                |
| 27         | —                                     | 0.167                       | 0.101                | —                                     | 0.146                       | 0.085                | —                                     | 0.128                       | 0.078                | —                                     | 0.386                       | 0.320                | 27.4                                  | 8.172                       | 11.581               | —                                     | 2.346                       | 1.574                |
| 28         | —                                     | 0.163                       | 0.098                | —                                     | 0.142                       | 0.080                | —                                     | 0.131                       | 0.074                | —                                     | 0.316                       | 0.236                | —                                     | 3.362                       | 2.984                | —                                     | 1.223                       | 0.724                |
| 29         | —                                     | 0.163                       | 0.095                | —                                     | —                           | —                    | —                                     | 0.130                       | 0.072                | —                                     | 0.268                       | 0.188                | —                                     | 1.397                       | 0.809                | —                                     | 0.845                       | 0.424                |
| 30         | 0.2                                   | 0.170                       | 0.093                | —                                     | —                           | —                    | 1.1                                   | 0.137                       | 0.078                | —                                     | 0.251                       | 0.162                | —                                     | 0.708                       | 0.359                | 1.8                                   | 0.656                       | 0.309                |
| 31         | —                                     | 0.164                       | 0.089                | —                                     | —                           | —                    | —                                     | 0.125                       | 0.071                | —                                     | —                           | —                    | —                                     | 0.432                       | 0.201                | —                                     | —                           | —                    |
| 計<br>Total | 25.7                                  | 6.325                       | 3.847                | 12.9                                  | 4.368                       | 2.609                | 24.0                                  | 4.563                       | 2.624                | 133.3                                 | 49.413                      | 46.147               | 137.4                                 | 41.605                      | 40.238               | 314.0                                 | 207.498                     | 204.680              |

| 項目<br>Item | 1 9 6 2 年                             |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |       |
|------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|-------|
|            | 7 月 July                              |                            |                     | 8 月 Aug.                              |                            |                     | 9 月 Sep.                              |                            |                     | 10 月 Oct.                             |                            |                     | 11 月 Nov.                             |                            |                     | 12 月 Dec.                             |                            |                     |       |
|            | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     |       |
|            | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |       |
| 日<br>Day   | 1                                     | 10.0                       | 0.686               | 0.350                                 | —                          | 0.281               | 0.117                                 | —                          | 0.185               | 0.056                                 | —                          | 0.154               | 0.059                                 | —                          | 0.146               | 0.098                                 | —                          | 0.149               | 0.070 |
| 2          | 22.1                                  | 2.464                      | 2.972               | —                                     | 0.275                      | 0.124               | —                                     | 0.182                      | 0.051               | —                                     | 0.159                      | 0.053               | 31.7                                  | 0.591                      | 0.520               | —                                     | 0.147                      | 0.068               |       |
| 3          | 16.8                                  | 6.552                      | 7.077               | —                                     | 0.265                      | 0.112               | 5.4                                   | 0.211                      | 0.074               | 39.7                                  | 0.759                      | 0.492               | 3.6                                   | 0.591                      | 0.296               | —                                     | 0.141                      | 0.068               |       |
| 4          | 31.8                                  | 22.339                     | 26.049              | —                                     | 0.272                      | 0.098               | 10.6                                  | 0.357                      | 0.163               | 24.8                                  | 1.380                      | 0.838               | —                                     | 0.247                      | 0.125               | 1.3                                   | 0.148                      | 0.072               |       |
| 5          | 55.4                                  | 53.241                     | 52.929              | —                                     | 0.248                      | 0.093               | —                                     | 0.242                      | 0.091               | —                                     | 0.243                      | 0.097               | —                                     | 0.176                      | 0.089               | 16.8                                  | 0.534                      | 0.352               |       |
| 6          | 0.7                                   | 10.475                     | 7.993               | —                                     | 0.258                      | 0.096               | —                                     | 0.198                      | 0.071               | —                                     | 0.186                      | 0.079               | —                                     | 0.157                      | 0.077               | —                                     | 0.388                      | 0.188               |       |
| 7          | 1.0                                   | 3.153                      | 2.031               | —                                     | 0.248                      | 0.099               | —                                     | 0.187                      | 0.063               | —                                     | 0.167                      | 0.076               | —                                     | 0.163                      | 0.080               | —                                     | 0.234                      | 0.107               |       |
| 8          | 13.2                                  | 2.061                      | 1.637               | —                                     | 0.230                      | 0.075               | 0.5                                   | 0.176                      | 0.059               | —                                     | 0.164                      | 0.075               | —                                     | 0.164                      | 0.075               | —                                     | 0.198                      | 0.090               |       |
| 9          | 0.5                                   | 1.901                      | 1.949               | 8.8                                   | 0.306                      | 0.138               | 0.2                                   | 0.165                      | 0.056               | —                                     | 0.162                      | 0.075               | 0.3                                   | 0.170                      | 0.080               | —                                     | 0.174                      | 0.081               |       |
| 10         | —                                     | 1.307                      | 1.080               | —                                     | 0.274                      | 0.106               | —                                     | 0.150                      | 0.043               | 7.7                                   | 0.212                      | 0.111               | —                                     | 0.161                      | 0.076               | —                                     | 0.170                      | 0.085               |       |
| 11         | —                                     | 1.071                      | 0.695               | —                                     | 0.240                      | 0.095               | —                                     | 0.151                      | 0.049               | 29.9                                  | 1.752                      | 1.186               | —                                     | 0.156                      | 0.065               | —                                     | 0.151                      | 0.079               |       |
| 12         | 0.8                                   | 0.930                      | 0.498               | —                                     | 0.227                      | 0.087               | —                                     | 0.159                      | 0.048               | —                                     | 0.343                      | 0.166               | —                                     | 0.155                      | 0.062               | —                                     | 0.152                      | 0.076               |       |
| 13         | —                                     | 0.813                      | 0.399               | —                                     | 0.220                      | 0.077               | —                                     | 0.147                      | 0.040               | 2.7                                   | 0.241                      | 0.106               | —                                     | 0.147                      | 0.064               | —                                     | 0.146                      | 0.073               |       |
| 14         | —                                     | 0.654                      | 0.302               | —                                     | 0.211                      | 0.072               | —                                     | 0.491                      | 0.262               | 0.1                                   | 0.221                      | 0.112               | 2.0                                   | 0.167                      | 0.075               | 20.5                                  | 1.225                      | 0.881               |       |
| 15         | —                                     | 0.557                      | 0.242               | 2.2                                   | 0.215                      | 0.079               | 23.4                                  | 0.208                      | 0.088               | 0.8                                   | 0.184                      | 0.077               | 14.8                                  | 0.390                      | 0.261               | 0.8                                   | 0.571                      | 0.310               |       |
| 16         | —                                     | 0.556                      | 0.238               | —                                     | 0.212                      | 0.079               | —                                     | 0.177                      | 0.074               | —                                     | 0.180                      | 0.076               | 0.6                                   | 0.290                      | 0.148               | —                                     | 0.323                      | 0.153               |       |
| 17         | —                                     | 0.540                      | 0.230               | —                                     | 0.204                      | 0.070               | 1.3                                   | 0.204                      | 0.092               | —                                     | 0.173                      | 0.073               | 0.3                                   | 0.206                      | 0.093               | —                                     | 0.247                      | 0.111               |       |
| 18         | 2.0                                   | 0.536                      | 0.233               | —                                     | 0.192                      | 0.056               | —                                     | 0.176                      | 0.070               | —                                     | 0.171                      | 0.079               | 1.0                                   | 0.174                      | 0.087               | —                                     | 0.203                      | 0.089               |       |
| 19         | 1.0                                   | 0.483                      | 0.207               | —                                     | 0.193                      | 0.052               | —                                     | 0.162                      | 0.062               | 0.0                                   | 0.171                      | 0.080               | —                                     | 0.164                      | 0.087               | 0.1                                   | 0.190                      | 0.074               |       |
| 20         | —                                     | 0.448                      | 0.193               | —                                     | 0.181                      | 0.046               | —                                     | 0.159                      | 0.056               | 2.2                                   | 0.186                      | 0.081               | 2.2                                   | 0.171                      | 0.090               | —                                     | 0.167                      | 0.092               |       |
| 21         | 2.0                                   | 0.472                      | 0.193               | —                                     | 0.180                      | 0.049               | —                                     | 0.156                      | 0.050               | —                                     | 0.170                      | 0.076               | —                                     | 0.148                      | 0.076               | —                                     | 0.156                      | 0.092               |       |
| 22         | —                                     | 0.403                      | 0.158               | 15.5                                  | 0.409                      | 0.163               | —                                     | 0.153                      | 0.051               | —                                     | 0.159                      | 0.073               | 1.2                                   | 0.153                      | 0.075               | —                                     | 0.156                      | 0.092               |       |
| 23         | —                                     | 0.376                      | 0.147               | —                                     | 0.213                      | 0.075               | 1.6                                   | 0.177                      | 0.068               | —                                     | 0.161                      | 0.074               | —                                     | 0.148                      | 0.074               | 0.1                                   | 0.156                      | 0.092               |       |
| 24         | —                                     | 0.356                      | 0.140               | 0.3                                   | 0.209                      | 0.075               | —                                     | 0.153                      | 0.063               | —                                     | 0.159                      | 0.075               | —                                     | 0.147                      | 0.071               | —                                     | 0.156                      | 0.092               |       |
| 25         | —                                     | 0.356                      | 0.141               | 10.0                                  | 0.265                      | 0.128               | —                                     | 0.130                      | 0.063               | —                                     | 0.148                      | 0.065               | 1.2                                   | 0.149                      | 0.073               | —                                     | 0.138                      | 0.092               |       |
| 26         | —                                     | 0.328                      | 0.128               | 3.4                                   | 0.243                      | 0.147               | —                                     | 0.131                      | 0.041               | —                                     | 0.143                      | 0.075               | 7.3                                   | 0.283                      | 0.182               | —                                     | 0.138                      | 0.076               |       |
| 27         | —                                     | 0.317                      | 0.149               | —                                     | 0.221                      | 0.150               | —                                     | 0.132                      | 0.044               | —                                     | 0.146                      | 0.075               | —                                     | 0.185                      | 0.093               | —                                     | 0.127                      | 0.078               |       |
| 28         | —                                     | 0.312                      | 0.158               | 0.9                                   | 0.214                      | 0.154               | 4.2                                   | 0.164                      | 0.051               | —                                     | 0.153                      | 0.075               | —                                     | 0.169                      | 0.075               | 0.5                                   | 0.120                      | 0.079               |       |
| 29         | —                                     | 0.310                      | 0.147               | —                                     | 0.206                      | 0.111               | —                                     | 0.161                      | 0.057               | —                                     | 0.141                      | 0.078               | —                                     | 0.151                      | 0.069               | 7.2                                   | 0.189                      | 0.138               |       |
| 30         | —                                     | 0.296                      | 0.123               | —                                     | 0.189                      | 0.104               | —                                     | 0.138                      | 0.043               | —                                     | 0.137                      | 0.095               | —                                     | 0.151                      | 0.071               | 1.6                                   | 0.193                      | 0.124               |       |
| 31         | —                                     | 0.283                      | 0.113               | —                                     | 0.189                      | 0.068               | —                                     | —                          | —                   | —                                     | 0.135                      | 0.102               | —                                     | —                          | —                   | 0.0                                   | 0.139                      | 0.081               |       |
| 計<br>Total | 157.3                                 | 114.576                    | 108.901             | 41.1                                  | 7.290                      | 2.995               | 47.2                                  | 5.582                      | 2.100               | 107.9                                 | 8.860                      | 4.854               | 66.2                                  | 6.270                      | 3.407               | 48.9                                  | 7.326                      | 4.155               |       |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1963年                        |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |
|------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|
|            | 1月 Jan.                      |                    |                 | 2月 Feb.                      |                    |                 | 3月 Mar.                      |                    |                 | 4月 Apr.                      |                    |                 | 5月 May                       |                    |                 | 6月 June                      |                    |                 |
|            | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 |
|            | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI |
| 日<br>Day   |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |
| 1          | 0.2                          | 0.132              | 0.079           | —                            | 0.099              | 0.062           | —                            | 0.105              | 0.068           | —                            | 0.222              | 0.132           | 1.1                          | 6.797              | 6.714           | —                            | 1.230              | 0.605           |
| 2          | —                            | 0.123              | 0.074           | —                            | 0.102              | 0.062           | —                            | 0.107              | 0.065           | —                            | 0.166              | 0.104           | —                            | 2.496              | 1.632           | 17.3                         | 1.669              | 1.205           |
| 3          | 1.1                          | 0.130              | 0.073           | —                            | 0.091              | 0.062           | —                            | 0.103              | 0.069           | —                            | 0.152              | 0.099           | —                            | 1.146              | 0.651           | 3.5                          | 3.517              | 2.827           |
| 4          | —                            | 0.131              | 0.073           | 0.4                          | 0.101              | 0.068           | —                            | 0.096              | 0.068           | —                            | 0.146              | 0.094           | 7.8                          | 0.800              | 0.602           | 19.1                         | 7.028              | 7.874           |
| 5          | 1.0                          | 0.134              | 0.078           | —                            | 0.105              | 0.068           | —                            | 0.101              | 0.068           | —                            | 0.142              | 0.093           | 5.2                          | 0.722              | 0.522           | 2.7                          | 7.153              | 6.483           |
| 6          | 0.6                          | 0.128              | 0.068           | —                            | 0.106              | 0.066           | —                            | 0.104              | 0.068           | 2.4                          | 0.141              | 0.101           | 2.4                          | 0.857              | 0.791           | 41.3                         | 25.908             | 26.947          |
| 7          | 0.3                          | 0.127              | 0.068           | 1.0                          | 0.104              | 0.068           | —                            | 0.101              | 0.068           | 14.0                         | 0.323              | 0.290           | 0.1                          | 0.790              | 0.706           | —                            | 9.974              | 7.649           |
| 8          | —                            | 0.114              | 0.068           | 11.6                         | 0.158              | 0.129           | —                            | 0.094              | 0.068           | 11.4                         | 2.656              | 2.972           | 22.8                         | 2.269              | 2.453           | —                            | 3.375              | 2.190           |
| 9          | 0.5                          | 0.105              | 0.068           | —                            | 0.182              | 0.126           | 19.4                         | 0.278              | 0.449           | 4.5                          | 1.789              | 1.526           | 31.5                         | 27.298             | 26.260          | 24.2                         | 3.121              | 2.542           |
| 10         | —                            | 0.110              | 0.068           | —                            | 0.131              | 0.085           | 1.0                          | 0.805              | 0.774           | —                            | 0.935              | 0.634           | 17.5                         | 10.034             | 8.239           | 2.8                          | 8.237              | 6.961           |
| 11         | —                            | 0.110              | 0.064           | 3.2                          | 0.153              | 0.101           | 0.3                          | 0.318              | 0.224           | —                            | 0.546              | 0.321           | 69.0                         | 56.068             | 54.862          | 1.7                          | 4.054              | 2.968           |
| 12         | —                            | 0.103              | 0.057           | 1.8                          | 0.153              | 0.127           | 13.6                         | 0.793              | 0.711           | 0.0                          | 0.377              | 0.219           | —                            | 14.629             | 11.071          | 1.4                          | 2.657              | 1.853           |
| 13         | —                            | 0.101              | 0.058           | 0.0                          | 0.136              | 0.104           | —                            | 0.730              | 0.587           | 1.0                          | 0.317              | 0.187           | —                            | 4.276              | 2.790           | 58.0                         | 34.069             | 36.997          |
| 14         | —                            | 0.109              | 0.057           | —                            | 0.129              | 0.088           | —                            | 0.343              | 0.235           | —                            | 0.256              | 0.149           | 22.0                         | 3.119              | 2.929           | —                            | 12.468             | 9.556           |
| 15         | —                            | 0.104              | 0.055           | 1.9                          | 0.130              | 0.097           | 10.1                         | 0.301              | 0.332           | 16.7                         | 0.778              | 1.002           | —                            | 5.809              | 7.343           | —                            | 3.778              | 2.397           |
| 16         | —                            | 0.109              | 0.056           | —                            | 0.127              | 0.081           | —                            | 0.652              | 0.887           | 1.0                          | 1.229              | 1.325           | 20.1                         | 5.177              | 5.129           | 4.8                          | 2.025              | 1.165           |
| 17         | —                            | 0.117              | 0.062           | —                            | 0.123              | 0.082           | —                            | 0.441              | 0.283           | —                            | 0.943              | 0.660           | 2.4                          | 8.811              | 9.355           | 0.3                          | 1.365              | 0.747           |
| 18         | —                            | 0.110              | 0.060           | —                            | 0.119              | 0.079           | —                            | 0.302              | 0.178           | 17.4                         | 1.523              | 1.728           | —                            | 4.206              | 3.180           | 1.5                          | 1.127              | 0.509           |
| 19         | —                            | 0.108              | 0.058           | —                            | 0.121              | 0.079           | —                            | 0.216              | 0.131           | —                            | 3.213              | 3.104           | —                            | 1.996              | 1.305           | —                            | 1.004              | 0.401           |
| 20         | 3.1                          | 0.133              | 0.075           | —                            | 0.117              | 0.079           | —                            | 0.183              | 0.106           | 11.2                         | 1.612              | 0.974           | 4.2                          | 1.279              | 0.764           | 2.1                          | 0.763              | 0.300           |
| 21         | —                            | 0.110              | 0.059           | —                            | 0.117              | 0.079           | —                            | 0.157              | 0.093           | 0.4                          | 1.883              | 2.107           | 14.7                         | 2.517              | 2.885           | 20.4                         | 2.680              | 2.157           |
| 22         | —                            | 0.104              | 0.055           | —                            | 0.117              | 0.079           | —                            | 0.141              | 0.087           | 14.3                         | 2.706              | 2.904           | 0.1                          | 2.926              | 2.901           | 0.2                          | 2.599              | 1.385           |
| 23         | —                            | 0.094              | 0.053           | 2.2                          | 0.129              | 0.069           | 8.4                          | 0.212              | 0.155           | 19.3                         | 9.517              | 10.354          | —                            | 1.868              | 1.285           | 0.3                          | 1.779              | 0.710           |
| 24         | —                            | 0.083              | 0.053           | —                            | 0.107              | 0.067           | 2.6                          | 0.267              | 0.233           | —                            | 5.387              | 3.744           | 0.0                          | 1.298              | 0.720           | 0.7                          | 1.263              | 0.860           |
| 25         | —                            | 0.082              | 0.053           | 0.2                          | 0.096              | 0.069           | —                            | 0.196              | 0.164           | —                            | 1.853              | 1.169           | 0.5                          | 0.862              | 0.480           | —                            | 0.933              | 0.371           |
| 26         | —                            | 0.089              | 0.062           | 1.2                          | 0.108              | 0.070           | —                            | 0.167              | 0.135           | —                            | 0.884              | 0.522           | —                            | 0.660              | 0.358           | 17.0                         | 1.467              | 0.951           |
| 27         | —                            | 0.097              | 0.068           | 3.7                          | 0.124              | 0.072           | —                            | 0.160              | 0.122           | 0.0                          | 0.569              | 0.323           | 26.0                         | 1.611              | 1.633           | —                            | 1.212              | 0.646           |
| 28         | 1.0                          | 0.097              | 0.071           | —                            | 0.107              | 0.070           | 10.4                         | 0.348              | 0.313           | 0.3                          | 0.448              | 0.255           | 0.0                          | 3.290              | 3.400           | —                            | 1.041              | 0.374           |
| 29         | 0.0                          | 0.101              | 0.071           | —                            | —                  | —               | 0.1                          | 0.390              | 0.392           | —                            | 0.354              | 0.198           | 6.6                          | 2.612              | 2.134           | 10.5                         | 1.070              | 0.376           |
| 30         | —                            | 0.099              | 0.064           | —                            | —                  | —               | —                            | 0.285              | 0.230           | 32.1                         | 2.448              | 3.695           | 3.6                          | 2.160              | 1.743           | 16.7                         | 4.466              | 3.421           |
| 31         | —                            | 0.099              | 0.062           | —                            | —                  | —               | —                            | 0.241              | 0.171           | —                            | —                  | —               | —                            | 1.673              | 1.081           | —                            | —                  | —               |
| 計<br>Total | 7.8                          | 3.393              | 1.990           | 27.2                         | 3.392              | 2.288           | 65.9                         | 8.737              | 7.534           | 146.0                        | 43.515             | 40.985          | 257.6                        | 180.056            | 165.918         | 246.5                        | 153.032            | 133.427         |

| 項目<br>Item |                                  | 1 9 6 3 年            |                      |                                  |                      |                      |                                  |                      |                      |                                  |                      |                      |                                  |                      |                      |                                  |                      |                      |   |
|------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------|----------------------|----------------------------------|----------------------|----------------------|---|
|            |                                  | 7 月 July             |                      |                                  | 8 月 Aug.             |                      |                                  | 9 月 Sep.             |                      |                                  | 10 月 Oct.            |                      |                                  | 11 月 Nov.            |                      |                                  | 12 月 Dec.            |                      |   |
|            |                                  | 降水量<br>Precipitation | 流 出 量<br>Runoff      |                                  | 降水量<br>Precipitation | 流 出 量<br>Runoff      |                                  | 降水量<br>Precipitation | 流 出 量<br>Runoff      |                                  | 降水量<br>Precipitation | 流 出 量<br>Runoff      |                                  | 降水量<br>Precipitation | 流 出 量<br>Runoff      |                                  | 降水量<br>Precipitation | 流 出 量<br>Runoff      |   |
| 日<br>Day   | 露 場<br>Meteorological<br>station | 南 谷<br>MI-<br>TANI   | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MI-<br>TANI   | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MI-<br>TANI   | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MI-<br>TANI   | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MI-<br>TANI   | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MI-<br>TANI   | 北 谷<br>KITA-<br>TANI |   |
| 1          | 7.1                              | 3.518                | 1.966                | —                                | 0.284                | 0.104                | —                                | 3.383                | 1.704                | —                                | 2.275                | 2.110                | —                                | 0.329                | 0.192                | —                                | 0.284                | 0.167                | — |
| 2          | 0.9                              | 2.867                | 1.915                | —                                | 0.287                | 0.105                | 1.7                              | 1.768                | 0.664                | —                                | 1.193                | 0.598                | —                                | 0.318                | 0.173                | 2.8                              | 0.268                | 0.157                | — |
| 3          | —                                | 2.244                | 1.152                | 6.6                              | 0.404                | 0.152                | —                                | 1.097                | 0.345                | —                                | 0.748                | 0.345                | —                                | 0.314                | 0.170                | 7.0                              | 0.372                | 0.242                | — |
| 4          | —                                | 1.536                | 0.642                | —                                | 0.319                | 0.118                | —                                | 0.809                | 0.214                | —                                | 0.576                | 0.257                | —                                | 0.308                | 0.165                | 0.2                              | 0.398                | 0.264                | — |
| 5          | 0.6                              | 1.154                | 0.461                | —                                | 0.285                | 0.110                | 3.4                              | 0.716                | 0.208                | —                                | 0.507                | 0.230                | —                                | 0.282                | 0.160                | —                                | 0.302                | 0.213                | — |
| 6          | —                                | 0.879                | 0.341                | —                                | 0.269                | 0.095                | 11.3                             | 1.091                | 0.556                | —                                | 0.471                | 0.204                | 0.9                              | 0.292                | 0.167                | —                                | 0.288                | 0.192                | — |
| 7          | —                                | 0.728                | 0.272                | —                                | 0.271                | 0.096                | —                                | 0.716                | 0.282                | —                                | 0.395                | 0.183                | 0.2                              | 0.320                | 0.181                | —                                | 0.269                | 0.181                | — |
| 8          | 3.0                              | 0.687                | 0.265                | 0.1                              | 0.261                | 0.083                | —                                | 0.457                | 0.178                | 0.5                              | 0.365                | 0.163                | —                                | 0.312                | 0.150                | 0.1                              | 0.275                | 0.178                | — |
| 9          | —                                | 0.576                | 0.209                | 15.6                             | 0.432                | 0.189                | 3.7                              | 0.473                | 0.197                | 46.1                             | 10.120               | 13.224               | —                                | 0.284                | 0.137                | 0.8                              | 0.251                | 0.170                | — |
| 10         | 37.1                             | 1.747                | 1.314                | 94.4                             | 14.039               | 12.724               | —                                | 0.433                | 0.191                | —                                | 4.971                | 3.952                | —                                | 0.275                | 0.150                | 5.0                              | 0.356                | 0.222                | — |
| 11         | 18.1                             | 16.796               | 15.523               | —                                | 12.439               | 7.553                | 52.5                             | 16.931               | 16.468               | —                                | 1.671                | 0.779                | —                                | 0.284                | 0.153                | —                                | 0.298                | 0.203                | — |
| 12         | —                                | 5.127                | 3.424                | —                                | 2.188                | 0.740                | 0.6                              | 7.458                | 5.598                | —                                | 1.021                | 0.421                | —                                | 0.273                | 0.147                | 0.0                              | 0.279                | 0.196                | — |
| 13         | —                                | 2.191                | 1.059                | —                                | 0.943                | 0.245                | 0.3                              | 2.640                | 1.664                | —                                | 0.738                | 0.325                | —                                | 0.269                | 0.153                | —                                | 0.268                | 0.191                | — |
| 14         | —                                | 1.359                | 0.535                | —                                | 0.670                | 0.178                | —                                | 1.467                | 0.670                | —                                | 0.851                | 0.436                | —                                | 0.273                | 0.153                | —                                | 0.260                | 0.191                | — |
| 15         | 2.5                              | 1.004                | 0.388                | —                                | 0.553                | 0.167                | 4.4                              | 1.050                | 0.466                | —                                | 0.817                | 0.603                | 13.3                             | 0.518                | 0.345                | —                                | 0.248                | 0.181                | — |
| 16         | —                                | 0.820                | 0.298                | 7.5                              | 0.567                | 0.221                | 0.7                              | 0.976                | 0.463                | —                                | 0.769                | 0.472                | —                                | 0.302                | 0.183                | —                                | 0.258                | 0.184                | — |
| 17         | —                                | 0.641                | 0.241                | —                                | 0.537                | 0.244                | —                                | 0.761                | 0.332                | —                                | 0.577                | 0.351                | —                                | 0.279                | 0.171                | 0.0                              | 0.255                | 0.136                | — |
| 18         | —                                | 0.574                | 0.205                | 4.8                              | 0.511                | 0.215                | —                                | 0.551                | 0.238                | —                                | 0.487                | 0.266                | 10.8                             | 0.382                | 0.244                | —                                | 0.255                | 0.136                | — |
| 19         | —                                | 0.510                | 0.185                | —                                | 0.400                | 0.158                | —                                | 0.487                | 0.194                | —                                | 0.436                | 0.226                | 3.9                              | 0.649                | 0.518                | —                                | 0.255                | 0.132                | — |
| 20         | —                                | 0.485                | 0.181                | 0.2                              | 0.331                | 0.139                | 4.5                              | 0.477                | 0.199                | —                                | 0.406                | 0.196                | 0.0                              | 0.375                | 0.296                | 0.3                              | 0.281                | 0.132                | — |
| 21         | 0.4                              | 0.454                | 0.165                | 0.6                              | 0.359                | 0.165                | 0.2                              | 0.467                | 0.207                | 0.4                              | 0.402                | 0.193                | —                                | 0.316                | 0.228                | —                                | 0.275                | 0.132                | — |
| 22         | 13.3                             | 0.715                | 0.368                | 0.1                              | 0.344                | 0.139                | —                                | 0.425                | 0.189                | —                                | 0.374                | 0.189                | —                                | 0.288                | 0.191                | —                                | 0.242                | 0.132                | — |
| 23         | 0.3                              | 0.513                | 0.205                | 0.0                              | 0.327                | 0.146                | —                                | 0.364                | 0.148                | —                                | 0.368                | 0.178                | —                                | 0.253                | 0.176                | —                                | 0.225                | 0.128                | — |
| 24         | —                                | 0.456                | 0.172                | 12.1                             | 0.507                | 0.304                | 15.5                             | 0.595                | 0.329                | —                                | 0.357                | 0.179                | 3.0                              | 0.278                | 0.219                | 2.0                              | 0.234                | 0.139                | — |
| 25         | —                                | 0.420                | 0.148                | 8.3                              | 0.593                | 0.295                | —                                | 0.567                | 0.347                | 18.4                             | 0.780                | 0.626                | 6.0                              | 0.508                | 0.362                | —                                | 0.229                | 0.144                | — |
| 26         | —                                | 0.400                | 0.148                | 0.0                              | 0.340                | 0.167                | —                                | 0.406                | 0.206                | —                                | 0.586                | 0.516                | —                                | 0.324                | 0.242                | —                                | 0.222                | 0.128                | — |
| 27         | —                                | 0.359                | 0.141                | 6.5                              | 0.575                | 0.259                | —                                | 0.368                | 0.162                | —                                | 0.441                | 0.296                | 0.0                              | 0.302                | 0.201                | —                                | 0.211                | 0.159                | — |
| 28         | —                                | 0.350                | 0.133                | 26.6                             | 3.023                | 3.121                | —                                | 0.348                | 0.168                | —                                | 0.413                | 0.257                | —                                | 0.286                | 0.188                | —                                | 0.206                | 0.160                | — |
| 29         | —                                | 0.334                | 0.115                | 14.5                             | 1.485                | 0.865                | —                                | 0.339                | 0.147                | —                                | 0.408                | 0.244                | —                                | 0.256                | 0.159                | 2.7                              | 0.236                | 0.184                | — |
| 30         | —                                | 0.340                | 0.122                | 61.0                             | 32.608               | 28.041               | 28.7                             | 1.382                | 1.377                | —                                | 0.383                | 0.198                | 0.5                              | 0.268                | 0.162                | —                                | 0.212                | 0.171                | — |
| 31         | —                                | 0.307                | 0.098                | —                                | 13.350               | 10.164               | —                                | —                    | —                    | —                                | 0.345                | 0.187                | —                                | —                    | —                    | —                                | 0.206                | 0.131                | — |
| 計<br>Total | 83.3                             | 50.091               | 32.391               | 258.9                            | 89.501               | 67.302               | 127.5                            | 49.002               | 34.111               | 65.4                             | 34.251               | 28.404               | 38.6                             | 9.717                | 6.136                | 20.9                             | 8.218                | 5.276                | — |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 6 4 年                            |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
|------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|
|            | 1 月 Jan.                             |                            |                     | 2 月 Feb.                             |                            |                     | 3 月 Mar.                             |                            |                     | 4 月 Apr.                             |                            |                     | 5 月 May                              |                            |                     | 6 月 June                             |                            |                     |
|            | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       |
|            | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
| 1          | 1.6                                  | 0.211                      | 0.112               | 0.0                                  | 0.774                      | 0.468               | 1.3                                  | 0.460                      | 0.332               | 3.2                                  | 0.620                      | 0.436               | 10.9                                 | 0.863                      | 0.796               | —                                    | 0.196                      | 0.097               |
| 2          | —                                    | 0.214                      | 0.120               | —                                    | 0.563                      | 0.341               | —                                    | 0.430                      | 0.280               | 3.0                                  | 0.532                      | 0.370               | 0.2                                  | 0.632                      | 0.671               | 8.0                                  | 0.283                      | 0.188               |
| 3          | —                                    | 0.206                      | 0.117               | 0.0                                  | 0.454                      | 0.269               | 0.9                                  | 0.400                      | 0.269               | 8.8                                  | 0.703                      | 0.512               | —                                    | 0.501                      | 0.442               | —                                    | 0.219                      | 0.105               |
| 4          | —                                    | 0.188                      | 0.104               | —                                    | 0.406                      | 0.238               | —                                    | 0.410                      | 0.257               | —                                    | 0.895                      | 1.013               | 0.5                                  | 0.426                      | 0.331               | —                                    | 0.191                      | 0.095               |
| 5          | —                                    | 0.187                      | 0.126               | —                                    | 0.357                      | 0.232               | —                                    | 0.394                      | 0.247               | 0.2                                  | 0.702                      | 0.722               | 0.8                                  | 0.451                      | 0.302               | —                                    | 0.180                      | 0.098               |
| 6          | —                                    | 0.189                      | 0.116               | 15.3                                 | 0.812                      | 0.818               | 0.4                                  | 0.375                      | 0.234               | 9.8                                  | 0.819                      | 1.113               | —                                    | 0.391                      | 0.253               | —                                    | 0.183                      | 0.087               |
| 7          | —                                    | 0.187                      | 0.120               | 6.0                                  | 1.295                      | 1.639               | 1.4                                  | 0.402                      | 0.232               | 45.5                                 | 16.388                     | 17.975              | —                                    | 0.340                      | 0.213               | —                                    | 0.172                      | 0.069               |
| 8          | 2.5                                  | 0.209                      | 0.123               | 27.1                                 | 12.165                     | 13.186              | 1.5                                  | 0.339                      | 0.217               | 7.3                                  | 17.847                     | 16.115              | —                                    | 0.325                      | 0.183               | —                                    | 0.196                      | 0.082               |
| 9          | —                                    | 0.204                      | 0.129               | 9.4                                  | 13.006                     | 11.809              | —                                    | 0.321                      | 0.196               | 13.4                                 | 9.335                      | 9.445               | —                                    | 0.303                      | 0.161               | 6.1                                  | 0.253                      | 0.128               |
| 10         | —                                    | 0.186                      | 0.112               | 0.4                                  | 5.449                      | 4.296               | —                                    | 0.304                      | 0.184               | 20.4                                 | 19.002                     | 17.679              | 15.7                                 | 0.568                      | 0.361               | —                                    | 0.165                      | 0.082               |
| 11         | —                                    | 0.178                      | 0.112               | 1.0                                  | 2.680                      | 1.928               | —                                    | 0.284                      | 0.178               | —                                    | 8.312                      | 6.311               | —                                    | 0.379                      | 0.271               | —                                    | 0.170                      | 0.084               |
| 12         | 2.6                                  | 0.197                      | 0.120               | —                                    | 1.543                      | 1.101               | —                                    | 0.277                      | 0.165               | —                                    | 3.224                      | 2.378               | —                                    | 0.298                      | 0.186               | 2.9                                  | 0.157                      | 0.083               |
| 13         | 14.1                                 | 0.443                      | 0.344               | —                                    | 1.009                      | 0.714               | 20.4                                 | 1.753                      | 2.481               | —                                    | 1.802                      | 1.267               | —                                    | 0.276                      | 0.170               | 16.6                                 | 0.283                      | 0.190               |
| 14         | —                                    | 0.472                      | 0.392               | —                                    | 0.823                      | 0.551               | —                                    | 1.541                      | 1.431               | —                                    | 1.357                      | 0.856               | —                                    | 0.264                      | 0.142               | 22.3                                 | 0.796                      | 0.715               |
| 15         | —                                    | 0.290                      | 0.210               | 2.4                                  | 0.734                      | 0.470               | —                                    | 1.118                      | 0.874               | 0.4                                  | 1.037                      | 0.649               | —                                    | 0.241                      | 0.122               | —                                    | 0.245                      | 0.139               |
| 16         | 12.5                                 | 0.416                      | 0.384               | 0.6                                  | 0.686                      | 0.421               | —                                    | 0.838                      | 0.596               | —                                    | 0.853                      | 0.533               | —                                    | 0.235                      | 0.132               | —                                    | 0.191                      | 0.110               |
| 17         | 8.0                                  | 3.300                      | 3.060               | 2.9                                  | 0.614                      | 0.398               | —                                    | 0.604                      | 0.415               | —                                    | 0.734                      | 0.447               | —                                    | 0.238                      | 0.131               | —                                    | 0.176                      | 0.108               |
| 18         | 1.0                                  | 1.720                      | 1.034               | 2.1                                  | 0.601                      | 0.433               | —                                    | 0.466                      | 0.338               | 0.2                                  | 0.606                      | 0.358               | 0.3                                  | 0.259                      | 0.150               | —                                    | 0.172                      | 0.121               |
| 19         | 1.6                                  | 0.849                      | 0.615               | —                                    | 0.541                      | 0.447               | 3.3                                  | 0.502                      | 0.346               | 0.2                                  | 0.580                      | 0.334               | —                                    | 0.250                      | 0.138               | 24.7                                 | 0.530                      | 0.437               |
| 20         | —                                    | 0.565                      | 0.350               | —                                    | 0.484                      | 0.431               | 12.4                                 | 2.031                      | 2.673               | —                                    | 0.518                      | 0.302               | —                                    | 0.230                      | 0.123               | —                                    | 0.287                      | 0.181               |
| 21         | —                                    | 0.479                      | 0.311               | —                                    | 0.481                      | 0.341               | —                                    | 1.606                      | 1.530               | —                                    | 0.477                      | 0.247               | —                                    | 0.204                      | 0.123               | —                                    | 0.212                      | 0.109               |
| 22         | 8.0                                  | 0.638                      | 0.468               | —                                    | 0.428                      | 0.306               | —                                    | 1.452                      | 0.871               | 0.8                                  | 0.456                      | 0.240               | 0.6                                  | 0.224                      | 0.114               | —                                    | 0.217                      | 0.102               |
| 23         | —                                    | 0.805                      | 0.718               | —                                    | 0.397                      | 0.354               | —                                    | 0.883                      | 0.614               | —                                    | 0.406                      | 0.199               | 0.0                                  | 0.232                      | 0.129               | —                                    | 0.174                      | 0.085               |
| 24         | —                                    | 0.784                      | 0.496               | 6.8                                  | 0.421                      | 0.343               | 10.9                                 | 1.001                      | 0.848               | 0.3                                  | 0.368                      | 0.176               | 10.1                                 | 0.357                      | 0.205               | 9.9                                  | 0.243                      | 0.125               |
| 25         | —                                    | 0.623                      | 0.396               | —                                    | 0.539                      | 0.465               | —                                    | 1.332                      | 1.589               | 17.7                                 | 0.579                      | 0.370               | —                                    | 0.231                      | 0.115               | 19.3                                 | 1.007                      | 1.083               |
| 26         | —                                    | 0.515                      | 0.278               | —                                    | 0.459                      | 0.464               | 3.9                                  | 1.347                      | 1.173               | 6.2                                  | 0.932                      | 1.097               | —                                    | 0.199                      | 0.092               | 19.9                                 | 0.838                      | 0.754               |
| 27         | 6.2                                  | 0.460                      | 0.265               | —                                    | 0.481                      | 0.411               | —                                    | 1.142                      | 0.904               | —                                    | 0.496                      | 0.432               | —                                    | 0.204                      | 0.107               | 59.0                                 | 24.169                     | 31.907              |
| 28         | 14.5                                 | 3.389                      | 3.764               | —                                    | 0.451                      | 0.358               | —                                    | 0.932                      | 0.739               | —                                    | 0.436                      | 0.324               | —                                    | 0.213                      | 0.115               | —                                    | 4.799                      | 4.025               |
| 29         | —                                    | 3.403                      | 2.502               | —                                    | 0.428                      | 0.333               | —                                    | 0.794                      | 0.584               | —                                    | 0.408                      | 0.249               | —                                    | 0.190                      | 0.107               | —                                    | 1.181                      | 0.602               |
| 30         | 0.1                                  | 1.671                      | 0.996               | —                                    | —                          | —                   | —                                    | 0.689                      | 0.520               | 7.2                                  | 0.425                      | 0.244               | —                                    | 0.178                      | 0.091               | —                                    | 0.555                      | 0.238               |
| 31         | —                                    | 1.065                      | 0.602               | —                                    | —                          | —                   | —                                    | 0.641                      | 0.433               | —                                    | —                          | —                   | —                                    | 0.176                      | 0.095               | —                                    | —                          | —                   |
| 計<br>Total | 72.7                                 | 24.243                     | 18.596              | 74.0                                 | 49.081                     | 43.565              | 56.6                                 | 25.068                     | 21.750              | 144.6                                | 90.849                     | 82.393              | 39.1                                 | 9.878                      | 6.571               | 188.7                                | 38.440                     | 42.229              |

| 項目<br>Item | 1 9 6 4 年                        |                   |                     |                                  |                   |                     |                                  |                   |                     |                                  |                   |                     |                                  |                   |                     |                                  |                   |                     |
|------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|
|            | 7 月 July                         |                   |                     | 8 月 Aug.                         |                   |                     | 9 月 Sep.                         |                   |                     | 10 月 Oct.                        |                   |                     | 11 月 Nov.                        |                   |                     | 12 月 Dec.                        |                   |                     |
|            | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     |
|            | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 1          | —                                | 0.337             | 0.159               | —                                | 0.202             | 0.073               | 1.8                              | 0.153             | 0.065               | —                                | 0.238             | 0.172               | 13.9                             | 0.390             | 0.392               | 0.3                              | 0.193             | 0.110               |
| 2          | —                                | 0.287             | 0.143               | —                                | 0.190             | 0.059               | 13.6                             | 0.324             | 0.226               | —                                | 0.193             | 0.108               | —                                | 0.322             | 0.340               | —                                | 0.186             | 0.121               |
| 3          | —                                | 0.253             | 0.145               | —                                | 0.180             | 0.055               | 20.0                             | 0.641             | 0.426               | —                                | 0.185             | 0.101               | —                                | 0.250             | 0.225               | —                                | 0.171             | 0.120               |
| 4          | —                                | 0.223             | 0.121               | —                                | 0.180             | 0.070               | —                                | 0.352             | 0.214               | —                                | 0.198             | 0.093               | 2.0                              | 0.258             | 0.203               | —                                | 0.167             | 0.120               |
| 5          | —                                | 0.201             | 0.127               | —                                | 0.179             | 0.057               | 8.2                              | 0.353             | 0.234               | 13.3                             | 0.349             | 0.270               | —                                | 0.255             | 0.183               | —                                | 0.170             | 0.120               |
| 6          | —                                | 0.198             | 0.138               | 4.5                              | 0.226             | 0.092               | 1.7                              | 0.255             | 0.154               | 0.2                              | 0.243             | 0.171               | —                                | 0.220             | 0.140               | 0.8                              | 0.171             | 0.117               |
| 7          | 0.1                              | 0.197             | 0.133               | —                                | 0.174             | 0.074               | —                                | 0.162             | 0.077               | 3.0                              | 0.199             | 0.126               | —                                | 0.190             | 0.124               | —                                | 0.171             | 0.112               |
| 8          | 24.7                             | 0.551             | 0.417               | —                                | 0.150             | 0.055               | —                                | 0.155             | 0.069               | 14.7                             | 0.703             | 0.804               | —                                | 0.173             | 0.117               | —                                | 0.170             | 0.112               |
| 9          | 54.6                             | 17.181            | 19.496              | 6.4                              | 0.232             | 0.111               | 0.3                              | 0.147             | 0.076               | —                                | 0.364             | 0.415               | 24.7                             | 1.780             | 2.567               | —                                | 0.171             | 0.112               |
| 10         | 1.0                              | 3.628             | 2.622               | —                                | 0.170             | 0.059               | —                                | 0.143             | 0.061               | —                                | 0.219             | 0.242               | —                                | 1.436             | 1.427               | —                                | 0.178             | 0.115               |
| 11         | —                                | 1.118             | 0.675               | —                                | 0.155             | 0.051               | —                                | 0.150             | 0.054               | —                                | 0.185             | 0.162               | —                                | 0.804             | 0.615               | —                                | 0.166             | 0.105               |
| 12         | 5.3                              | 0.594             | 0.371               | —                                | 0.143             | 0.044               | —                                | 0.135             | 0.060               | 11.2                             | 0.309             | 0.287               | 0.1                              | 0.563             | 0.383               | —                                | 0.166             | 0.093               |
| 13         | —                                | 0.449             | 0.315               | —                                | 0.135             | 0.058               | 0.1                              | 0.130             | 0.067               | 24.9                             | 3.497             | 5.866               | 0.0                              | 0.416             | 0.266               | —                                | 0.166             | 0.095               |
| 14         | —                                | 0.359             | 0.234               | —                                | 0.133             | 0.044               | 0.8                              | 0.149             | 0.069               | —                                | 2.807             | 3.708               | 0.0                              | 0.321             | 0.184               | —                                | 0.170             | 0.097               |
| 15         | 11.0                             | 0.461             | 0.353               | —                                | 0.130             | 0.036               | —                                | 0.138             | 0.061               | —                                | 0.893             | 0.886               | —                                | 0.266             | 0.181               | —                                | 0.163             | 0.097               |
| 16         | 12.4                             | 0.736             | 0.729               | —                                | 0.126             | 0.040               | 4.5                              | 0.188             | 0.099               | 0.1                              | 0.543             | 0.434               | —                                | 0.251             | 0.162               | 1.3                              | 0.167             | 0.092               |
| 17         | 0.4                              | 0.384             | 0.329               | —                                | 0.126             | 0.036               | —                                | 0.139             | 0.055               | 18.0                             | 1.453             | 2.016               | —                                | 0.239             | 0.147               | 3.7                              | 0.167             | 0.092               |
| 18         | 26.3                             | 1.186             | 1.451               | —                                | 0.116             | 0.036               | 0.3                              | 0.122             | 0.059               | —                                | 1.075             | 1.119               | —                                | 0.227             | 0.150               | —                                | 0.167             | 0.092               |
| 19         | 16.6                             | 9.336             | 12.346              | —                                | 0.115             | 0.033               | —                                | 0.120             | 0.060               | —                                | 0.631             | 0.920               | —                                | 0.229             | 0.128               | —                                | 0.153             | 0.092               |
| 20         | —                                | 3.587             | 2.674               | —                                | 0.114             | 0.028               | 34.8                             | 0.609             | 0.585               | 3.2                              | 0.497             | 0.402               | —                                | 0.211             | 0.128               | —                                | 0.153             | 0.092               |
| 21         | —                                | 1.302             | 0.710               | —                                | 0.113             | 0.030               | 1.2                              | 0.290             | 0.211               | 5.8                              | 0.446             | 0.387               | —                                | 0.200             | 0.128               | —                                | 0.153             | 0.092               |
| 22         | —                                | 0.762             | 0.342               | 4.8                              | 0.135             | 0.060               | —                                | 0.197             | 0.096               | 3.8                              | 0.676             | 0.789               | —                                | 0.192             | 0.128               | 3.4                              | 0.161             | 0.097               |
| 23         | —                                | 0.514             | 0.256               | 20.9                             | 0.246             | 0.145               | 0.4                              | 0.138             | 0.067               | —                                | 0.545             | 0.633               | —                                | 0.193             | 0.112               | 3.5                              | 0.330             | 0.224               |
| 24         | —                                | 0.404             | 0.156               | 46.3                             | 1.653             | 1.337               | 82.0                             | 8.321             | 15.218              | —                                | 0.432             | 0.380               | —                                | 0.177             | 0.111               | —                                | 0.171             | 0.130               |
| 25         | —                                | 0.331             | 0.126               | 4.4                              | 0.312             | 0.254               | —                                | 3.462             | 4.777               | —                                | 0.323             | 0.266               | —                                | 0.178             | 0.105               | —                                | 0.167             | 0.125               |
| 26         | —                                | 0.271             | 0.108               | —                                | 0.186             | 0.113               | —                                | 0.546             | 0.483               | —                                | 0.273             | 0.213               | —                                | 0.174             | 0.105               | —                                | 0.161             | 0.120               |
| 27         | —                                | 0.287             | 0.121               | —                                | 0.144             | 0.103               | 27.4                             | 1.379             | 1.963               | 7.2                              | 0.356             | 0.268               | —                                | 0.184             | 0.105               | 0.1                              | 0.161             | 0.101               |
| 28         | —                                | 0.264             | 0.104               | 0.5                              | 0.146             | 0.093               | —                                | 2.966             | 5.066               | —                                | 0.289             | 0.212               | —                                | 0.184             | 0.105               | —                                | 0.156             | 0.094               |
| 29         | —                                | 0.252             | 0.094               | 3.4                              | 0.209             | 0.139               | —                                | 0.799             | 0.889               | —                                | 0.237             | 0.181               | 8.0                              | 0.260             | 0.176               | —                                | 0.153             | 0.095               |
| 30         | —                                | 0.242             | 0.086               | 0.3                              | 0.166             | 0.076               | —                                | 0.430             | 0.317               | —                                | 0.219             | 0.146               | —                                | 0.213             | 0.135               | —                                | 0.153             | 0.098               |
| 31         | —                                | 0.201             | 0.074               | —                                | 0.140             | 0.065               | —                                | —                 | —                   | —                                | 0.212             | 0.153               | —                                | —                 | —                   | —                                | 0.157             | 0.098               |
| 計<br>Total | 152.4                            | 46.096            | 45.155              | 91.5                             | 6.626             | 3.526               | 197.1                            | 23.093            | 31.858              | 105.4                            | 18.789            | 21.930              | 48.7                             | 10.756            | 9.272               | 13.1                             | 5.309             | 3.380               |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 6 5 年                    |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |
|------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|------------------------------|--------------------|-----------------|
|            | 1 月 Jan.                     |                    |                 | 2 月 Feb.                     |                    |                 | 3 月 Mar.                     |                    |                 | 4 月 Apr.                     |                    |                 | 5 月 May                      |                    |                 | 6 月 June                     |                    |                 |
|            | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 | 降水量<br>Precipitation         | 流出量<br>Runoff      |                 |
|            | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological station | 南谷<br>MINA-MI-TANI | 北谷<br>KITA-TANI |
| 日<br>Day   |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |                              |                    |                 |
| 1          | —                            | 0.155              | 0.086           | —                            | 0.251              | 0.194           | —                            | 0.138              | 0.105           | —                            | 0.323              | 0.230           | —                            | 1.355              | 0.961           | —                            | 1.109              | 0.699           |
| 2          | —                            | 0.148              | 0.085           | —                            | 0.206              | 0.141           | 0.3                          | 0.137              | 0.105           | —                            | 0.257              | 0.170           | 40.7                         | 4.063              | 5.693           | —                            | 0.803              | 0.426           |
| 3          | —                            | 0.146              | 0.085           | —                            | 0.190              | 0.143           | —                            | 0.125              | 0.111           | —                            | 0.214              | 0.153           | 22.3                         | 32.437             | 31.427          | 28.7                         | 2.580              | 3.523           |
| 4          | —                            | 0.139              | 0.085           | —                            | 0.187              | 0.132           | —                            | 0.118              | 0.106           | —                            | 0.209              | 0.146           | —                            | 6.214              | 4.830           | 1.4                          | 5.064              | 5.804           |
| 5          | —                            | 0.138              | 0.085           | 4.7                          | 0.203              | 0.183           | —                            | 0.131              | 0.104           | —                            | 0.204              | 0.146           | 0.5                          | 2.395              | 1.790           | —                            | 2.280              | 1.850           |
| 6          | —                            | 0.139              | 0.085           | —                            | 0.185              | 0.144           | —                            | 0.125              | 0.103           | —                            | 0.209              | 0.144           | 0.2                          | 1.402              | 0.956           | —                            | 1.154              | 0.658           |
| 7          | 0.4                          | 0.146              | 0.085           | —                            | 0.177              | 0.144           | —                            | 0.125              | 0.106           | —                            | 0.182              | 0.139           | —                            | 0.861              | 0.631           | —                            | 0.723              | 0.383           |
| 8          | 0.2                          | 0.149              | 0.092           | 7.7                          | 0.197              | 0.230           | —                            | 0.138              | 0.105           | 9.0                          | 0.282              | 0.221           | —                            | 0.601              | 0.412           | —                            | 0.492              | 0.260           |
| 9          | —                            | 0.137              | 0.086           | 2.0                          | 0.411              | 0.404           | 0.4                          | 0.132              | 0.099           | —                            | 0.232              | 0.181           | 1.4                          | 0.507              | 0.324           | —                            | 0.397              | 0.205           |
| 10         | 0.5                          | 0.138              | 0.085           | —                            | 0.393              | 0.346           | —                            | 0.117              | 0.098           | —                            | 0.209              | 0.165           | —                            | 0.464              | 0.295           | —                            | 0.386              | 0.187           |
| 11         | —                            | 0.138              | 0.089           | —                            | 0.325              | 0.274           | 0.2                          | 0.117              | 0.105           | —                            | 0.198              | 0.141           | —                            | 0.327              | 0.205           | 0.1                          | 0.373              | 0.174           |
| 12         | —                            | 0.136              | 0.084           | —                            | 0.248              | 0.203           | 3.4                          | 0.133              | 0.112           | —                            | 0.178              | 0.144           | —                            | 0.290              | 0.179           | —                            | 0.370              | 0.170           |
| 13         | —                            | 0.135              | 0.073           | 0.5                          | 0.235              | 0.163           | —                            | 0.116              | 0.109           | 13.1                         | 0.363              | 0.422           | —                            | 0.262              | 0.168           | 0.5                          | 0.357              | 0.181           |
| 14         | —                            | 0.138              | 0.078           | —                            | 0.209              | 0.147           | —                            | 0.129              | 0.093           | —                            | 0.341              | 0.525           | 14.1                         | 0.498              | 0.421           | —                            | 0.295              | 0.156           |
| 15         | —                            | 0.138              | 0.079           | —                            | 0.193              | 0.141           | —                            | 0.127              | 0.105           | —                            | 0.251              | 0.337           | —                            | 0.342              | 0.250           | —                            | 0.267              | 0.134           |
| 16         | —                            | 0.140              | 0.079           | —                            | 0.180              | 0.165           | 81.6                         | 14.542             | 18.425          | —                            | 0.225              | 0.255           | —                            | 0.269              | 0.181           | —                            | 0.274              | 0.138           |
| 17         | —                            | 0.132              | 0.079           | —                            | 0.170              | 0.192           | —                            | 15.158             | 13.606          | 1.5                          | 0.211              | 0.226           | —                            | 0.230              | 0.157           | —                            | 0.300              | 0.153           |
| 18         | 2.0                          | 0.137              | 0.082           | —                            | 0.166              | 0.201           | —                            | 4.619              | 3.441           | 2.0                          | 0.238              | 0.230           | —                            | 0.208              | 0.135           | 5.2                          | 0.310              | 0.153           |
| 19         | —                            | 0.152              | 0.085           | —                            | 0.156              | 0.206           | 0.3                          | 1.710              | 1.202           | —                            | 0.215              | 0.210           | —                            | 0.227              | 0.136           | 70.0                         | 14.701             | 24.624          |
| 20         | —                            | 0.139              | 0.079           | 4.0                          | 0.194              | 0.241           | —                            | 0.858              | 0.595           | —                            | 0.190              | 0.184           | 20.8                         | 0.600              | 0.747           | 26.2                         | 25.336             | 25.866          |
| 21         | —                            | 0.138              | 0.079           | —                            | 0.163              | 0.204           | —                            | 0.559              | 0.399           | —                            | 0.170              | 0.154           | —                            | 0.384              | 0.490           | —                            | 6.371              | 5.356           |
| 22         | —                            | 0.138              | 0.074           | —                            | 0.155              | 0.192           | —                            | 0.448              | 0.304           | 2.5                          | 0.176              | 0.169           | —                            | 0.258              | 0.225           | —                            | 2.471              | 1.916           |
| 23         | —                            | 0.138              | 0.077           | —                            | 0.153              | 0.191           | 14.3                         | 0.502              | 0.508           | 19.1                         | 1.317              | 2.605           | —                            | 0.222              | 0.179           | —                            | 1.343              | 0.870           |
| 24         | —                            | 0.132              | 0.079           | —                            | 0.146              | 0.184           | 0.3                          | 1.258              | 1.904           | —                            | 0.948              | 1.315           | —                            | 0.221              | 0.150           | —                            | 0.827              | 0.474           |
| 25         | —                            | 0.131              | 0.074           | —                            | 0.138              | 0.135           | —                            | 0.973              | 1.016           | 4.3                          | 0.619              | 0.675           | 24.6                         | 0.538              | 0.652           | —                            | 0.588              | 0.311           |
| 26         | 1.0                          | 0.128              | 0.077           | —                            | 0.144              | 0.105           | —                            | 0.655              | 0.611           | 2.0                          | 0.602              | 0.677           | 90.2                         | 53.990             | 57.222          | 37.5                         | 2.899              | 3.995           |
| 27         | 0.2                          | 0.133              | 0.117           | —                            | 0.143              | 0.105           | —                            | 0.475              | 0.409           | —                            | 0.412              | 0.453           | 7.5                          | 16.869             | 14.897          | 1.3                          | 5.012              | 7.750           |
| 28         | 1.6                          | 0.127              | 0.128           | —                            | 0.138              | 0.105           | —                            | 0.423              | 0.329           | 23.1                         | 0.746              | 1.145           | 0.4                          | 4.345              | 3.729           | —                            | 2.726              | 2.229           |
| 29         | 28.7                         | 1.133              | 1.222           | —                            | —                  | —               | —                            | 0.383              | 0.295           | 7.5                          | 8.237              | 11.111          | 16.8                         | 5.464              | 5.935           | 6.7                          | 1.413              | 1.048           |
| 30         | —                            | 0.480              | 0.485           | —                            | —                  | —               | —                            | 0.345              | 0.251           | —                            | 3.165              | 2.610           | 2.5                          | 4.849              | 4.110           | 0.2                          | 1.067              | 0.766           |
| 31         | 2.9                          | 0.339              | 0.261           | —                            | —                  | —               | —                            | 0.343              | 0.235           | —                            | —                  | —               | —                            | 2.083              | 1.526           | —                            | —                  | —               |
| 計<br>Total | 37.5                         | 5.837              | 4.339           | 18.9                         | 5.656              | 5.215           | 100.8                        | 45.169             | 45.096          | 84.1                         | 21.123             | 25.283          | 242.0                        | 142.775            | 139.013         | 177.8                        | 82.288             | 90.459          |

| 項目<br>Item | 1 9 6 5 年                       |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |
|------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|
|            | 7 月 July                        |                     |                     | 8 月 Aug.                        |                     |                     | 9 月 Sep.                        |                     |                     | 10 月 Oct.                       |                     |                     | 11 月 Nov.                       |                     |                     | 12 月 Dec.                       |                     |                     |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI |
| 1          | —                               | 0.796               | 0.537               | —                               | 0.673               | 0.268               | —                               | 0.410               | 0.219               | —                               | 0.392               | 0.193               | —                               | 0.302               | 0.163               | 1.0                             | 0.501               | 0.439               |
| 2          | 7.3                             | 0.729               | 0.510               | —                               | 0.645               | 0.287               | 13.4                            | 0.319               | 0.139               | —                               | 0.342               | 0.177               | —                               | 0.302               | 0.162               | —                               | 0.425               | 0.320               |
| 3          | —                               | 0.645               | 0.435               | —                               | 0.616               | 0.272               | —                               | 0.291               | 0.153               | —                               | 0.340               | 0.178               | 0.5                             | 0.268               | 0.146               | —                               | 0.411               | 0.293               |
| 4          | 40.8                            | 6.552               | 9.416               | —                               | 0.608               | 0.256               | —                               | 0.271               | 0.137               | —                               | 0.366               | 0.180               | —                               | 0.316               | 0.177               | 1.7                             | 0.416               | 0.274               |
| 5          | 0.7                             | 11.952              | 11.521              | —                               | 0.592               | 0.248               | —                               | 0.350               | 0.205               | —                               | 0.377               | 0.201               | 4.0                             | 0.296               | 0.167               | 0.7                             | 0.352               | 0.210               |
| 6          | 36.4                            | 16.077              | 17.467              | 5.8                             | 0.671               | 0.361               | 11.2                            | 0.473               | 0.275               | 2.2                             | 0.392               | 0.189               | —                               | 0.268               | 0.137               | —                               | 0.302               | 0.194               |
| 7          | —                               | 11.822              | 10.543              | —                               | 0.527               | 0.258               | 3.8                             | 0.285               | 0.138               | —                               | 0.368               | 0.181               | —                               | 1.674               | 1.980               | —                               | 0.302               | 0.191               |
| 8          | 14.0                            | 3.903               | 3.607               | —                               | 0.515               | 0.229               | —                               | 0.390               | 0.232               | —                               | 0.316               | 0.153               | 49.8                            | 2.328               | 3.511               | —                               | 0.302               | 0.191               |
| 9          | 47.4                            | 37.464              | 32.525              | —                               | 0.491               | 0.225               | 14.8                            | 1.682               | 1.550               | —                               | 0.333               | 0.186               | 13.8                            | 0.669               | 0.675               | 0.5                             | 0.300               | 0.174               |
| 10         | 0.2                             | 8.201               | 6.412               | —                               | 0.536               | 0.261               | 46.5                            | 4.139               | 5.606               | —                               | 0.323               | 0.193               | 0.2                             | 0.384               | 0.273               | —                               | 0.298               | 0.171               |
| 11         | 0.2                             | 3.012               | 2.120               | 8.2                             | 0.543               | 0.268               | 30.8                            | 0.557               | 0.406               | —                               | 0.304               | 0.188               | —                               | 0.349               | 0.198               | —                               | 0.302               | 0.179               |
| 12         | 4.5                             | 1.862               | 1.207               | —                               | 0.454               | 0.209               | —                               | 0.350               | 0.198               | —                               | 0.311               | 0.165               | —                               | 0.304               | 0.187               | 0.8                             | 0.271               | 0.165               |
| 13         | 4.3                             | 1.616               | 1.339               | —                               | 0.435               | 0.200               | —                               | 3.835               | 6.879               | —                               | 0.454               | 0.288               | 0.2                             | 0.374               | 0.251               | —                               | 0.268               | 0.162               |
| 14         | —                               | 1.106               | 0.819               | 4.2                             | 0.503               | 0.227               | 48.2                            | 50.906              | 57.519              | 14.9                            | 0.681               | 0.533               | 7.3                             | 0.399               | 0.316               | —                               | 0.256               | 0.162               |
| 15         | —                               | 0.860               | 0.550               | —                               | 0.432               | 0.192               | 88.9                            | 40.852              | 40.230              | 9.9                             | 0.370               | 0.201               | 1.6                             | 0.323               | 0.232               | —                               | 0.242               | 0.156               |
| 16         | 1.8                             | 0.786               | 0.417               | —                               | 0.415               | 0.204               | 61.1                            | 68.027              | 65.759              | 0.4                             | 0.329               | 0.182               | 1.2                             | 0.561               | 0.489               | —                               | 0.235               | 0.137               |
| 17         | 18.4                            | 1.325               | 1.190               | —                               | 0.410               | 0.170               | 64.4                            | 69.213              | 67.913              | —                               | 0.325               | 0.173               | 6.5                             | 0.412               | 0.328               | —                               | 0.239               | 0.144               |
| 18         | 2.7                             | 1.562               | 1.761               | —                               | 0.383               | 0.173               | 57.1                            | 6.217               | 4.748               | —                               | 0.331               | 0.165               | —                               | 0.337               | 0.261               | —                               | 0.242               | 0.144               |
| 19         | 5.0                             | 1.648               | 1.658               | —                               | 0.380               | 0.170               | —                               | 2.011               | 1.433               | —                               | 0.310               | 0.173               | 0.8                             | 0.768               | 0.886               | —                               | 0.292               | 0.191               |
| 20         | 5.8                             | 1.728               | 1.502               | —                               | 0.371               | 0.173               | —                               | 1.125               | 0.680               | —                               | 0.310               | 0.156               | 9.9                             | 0.569               | 0.631               | 8.4                             | 0.415               | 0.276               |
| 21         | 53.6                            | 27.727              | 26.619              | —                               | 0.350               | 0.163               | —                               | 0.860               | 0.476               | —                               | 0.305               | 0.159               | —                               | 0.391               | 0.335               | 0.4                             | 0.301               | 0.195               |
| 22         | 66.6                            | 49.511              | 52.309              | —                               | 0.320               | 0.141               | —                               | 0.731               | 0.388               | —                               | 0.323               | 0.154               | —                               | 0.359               | 0.261               | —                               | 0.857               | 1.145               |
| 23         | 19.1                            | 42.454              | 35.443              | —                               | 0.326               | 0.129               | 0.1                             | 0.613               | 0.336               | —                               | 0.302               | 0.153               | —                               | 0.335               | 0.238               | 20.3                            | 1.942               | 2.886               |
| 24         | 10.2                            | 10.465              | 8.071               | 0.5                             | 0.340               | 0.148               | —                               | 0.564               | 0.291               | —                               | 0.300               | 0.153               | —                               | 0.424               | 0.325               | 1.4                             | 0.952               | 0.961               |
| 25         | —                               | 5.392               | 5.175               | 1.0                             | 0.332               | 0.136               | —                               | 0.506               | 0.238               | —                               | 0.312               | 0.160               | 10.3                            | 1.450               | 1.980               | —                               | 0.569               | 0.525               |
| 26         | —                               | 2.953               | 2.017               | —                               | 0.305               | 0.129               | —                               | 0.471               | 0.219               | —                               | 0.304               | 0.159               | 7.4                             | 0.831               | 0.928               | —                               | 0.438               | 0.360               |
| 27         | —                               | 1.828               | 1.134               | —                               | 0.300               | 0.127               | —                               | 0.471               | 0.196               | —                               | 0.308               | 0.156               | —                               | 0.523               | 0.451               | —                               | 0.391               | 0.326               |
| 28         | —                               | 1.324               | 0.709               | —                               | 0.288               | 0.119               | —                               | 0.402               | 0.183               | —                               | 0.296               | 0.159               | —                               | 0.501               | 0.403               | 0.9                             | 0.424               | 0.363               |
| 29         | —                               | 0.965               | 0.503               | —                               | 0.274               | 0.104               | —                               | 0.393               | 0.199               | 0.1                             | 0.300               | 0.162               | 8.3                             | 0.836               | 0.964               | 3.8                             | 0.388               | 0.315               |
| 30         | —                               | 0.842               | 0.373               | —                               | 0.265               | 0.117               | —                               | 0.386               | 0.199               | —                               | 0.365               | 0.204               | 0.8                             | 0.672               | 0.682               | —                               | 0.352               | 0.284               |
| 31         | —                               | 0.762               | 0.344               | —                               | 0.262               | 0.115               | —                               | —                   | —                   | —                               | 0.442               | 0.254               | —                               | —                   | —                   | —                               | 0.320               | 0.238               |
| 計<br>Total | 339.0                           | 257.869             | 238.233             | 19.7                            | 13.562              | 6.079               | 440.3                           | 257.100             | 257.144             | 27.5                            | 10.831              | 5.928               | 122.6                           | 17.525              | 17.737              | 39.9                            | 13.305              | 11.771              |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1966年                           |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |
|------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|
|            | 1月 Jan.                         |                     |                     | 2月 Feb.                         |                     |                     | 3月 Mar.                         |                     |                     | 4月 Apr.                         |                     |                     | 5月 May                          |                     |                     | 6月 June                         |                     |                     |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     | 降水量<br>Precipitation            | 流出量<br>Runoff       |                     |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |                                 |                     |                     |
| 1          | —                               | 0.279               | 0.219               | 0.0                             | 0.239               | 0.201               | 2.3                             | 1.892               | 1.547               | —                               | 0.750               | 1.292               | 1.6                             | 0.446               | 0.295               | 15.6                            | 5.396               | 8.689               |
| 2          | —                               | 0.264               | 0.210               | —                               | 0.246               | 0.201               | 41.0                            | 11.272              | 13.528              | —                               | 0.550               | 0.704               | 15.7                            | 0.874               | 0.881               | —                               | 4.038               | 4.053               |
| 3          | 12.9                            | 0.483               | 0.515               | —                               | 0.242               | 0.201               | 11.3                            | 20.742              | 19.903              | 20.3                            | 1.202               | 1.841               | 6.3                             | 0.963               | 1.208               | 50.0                            | 12.214              | 16.207              |
| 4          | 0.0                             | 0.823               | 1.158               | —                               | 0.217               | 0.186               | 17.2                            | 15.097              | 14.824              | —                               | 3.661               | 5.194               | —                               | 0.661               | 0.762               | 8.7                             | 28.254              | 26.322              |
| 5          | —                               | 0.613               | 0.657               | 0.0                             | 0.211               | 0.179               | —                               | 6.551               | 5.371               | —                               | 2.015               | 1.894               | —                               | 0.514               | 0.491               | —                               | 4.723               | 3.577               |
| 6          | 0.0                             | 0.541               | 0.522               | 0.0                             | 0.212               | 0.144               | 16.7                            | 3.844               | 3.832               | 7.6                             | 1.454               | 1.216               | —                               | 0.431               | 0.366               | —                               | 1.911               | 1.228               |
| 7          | —                               | 0.446               | 0.383               | —                               | 0.204               | 0.139               | 2.7                             | 6.983               | 6.928               | 0.2                             | 1.334               | 1.258               | 22.0                            | 1.549               | 2.199               | —                               | 1.105               | 0.678               |
| 8          | —                               | 0.357               | 0.295               | —                               | 0.196               | 0.137               | —                               | 3.609               | 3.012               | —                               | 1.015               | 0.972               | 0.1                             | 1.460               | 1.833               | 14.7                            | 1.189               | 0.888               |
| 9          | —                               | 0.337               | 0.259               | —                               | 0.204               | 0.121               | —                               | 1.868               | 1.517               | 10.0                            | 1.151               | 1.442               | —                               | 0.914               | 0.805               | 29.5                            | 15.277              | 17.214              |
| 10         | 3.4                             | 0.360               | 0.283               | 9.4                             | 0.300               | 0.219               | —                               | 1.160               | 0.929               | —                               | 1.497               | 2.076               | 16.8                            | 1.451               | 1.810               | —                               | 5.069               | 3.924               |
| 11         | 10.3                            | 0.443               | 0.418               | —                               | 0.294               | 0.194               | —                               | 0.876               | 0.702               | 6.0                             | 1.461               | 1.964               | —                               | 1.478               | 1.790               | 1.7                             | 1.803               | 1.336               |
| 12         | 4.3                             | 1.107               | 1.560               | —                               | 0.270               | 0.171               | —                               | 0.775               | 0.523               | —                               | 1.239               | 1.437               | —                               | 0.911               | 0.785               | —                               | 1.172               | 0.694               |
| 13         | 2.6                             | 1.519               | 1.943               | —                               | 0.206               | 0.159               | 1.1                             | 0.657               | 0.493               | —                               | 1.088               | 1.046               | —                               | 0.670               | 0.482               | —                               | 0.937               | 0.502               |
| 14         | —                               | 1.312               | 1.274               | —                               | 0.200               | 0.150               | —                               | 0.562               | 0.390               | 6.4                             | 1.061               | 0.876               | 9.0                             | 0.636               | 0.458               | —                               | 0.721               | 0.386               |
| 15         | —                               | 0.906               | 0.753               | —                               | 0.204               | 0.144               | 8.0                             | 0.657               | 0.503               | 7.8                             | 1.805               | 2.386               | 4.1                             | 0.886               | 0.868               | 23.7                            | 1.360               | 1.105               |
| 16         | —                               | 0.692               | 0.574               | 7.7                             | 0.261               | 0.196               | —                               | 0.608               | 0.500               | —                               | 1.986               | 1.962               | —                               | 0.477               | 0.416               | 12.4                            | 3.839               | 6.163               |
| 17         | —                               | 0.540               | 0.470               | 0.0                             | 0.291               | 0.254               | —                               | 0.464               | 0.358               | 0.9                             | 1.436               | 1.089               | —                               | 0.398               | 0.350               | 0.5                             | 3.386               | 3.725               |
| 18         | 0.0                             | 0.446               | 0.409               | —                               | 0.235               | 0.199               | 3.4                             | 0.454               | 0.397               | —                               | 0.926               | 0.761               | —                               | 0.342               | 0.262               | —                               | 1.937               | 1.521               |
| 19         | —                               | 0.388               | 0.348               | —                               | 0.212               | 0.179               | 0.2                             | 0.461               | 0.362               | —                               | 0.738               | 0.594               | —                               | 0.359               | 0.208               | 3.5                             | 1.546               | 1.049               |
| 20         | —                               | 0.335               | 0.295               | 4.4                             | 0.241               | 0.205               | —                               | 0.374               | 0.304               | —                               | 0.657               | 0.487               | 19.4                            | 0.599               | 0.442               | 10.8                            | 1.818               | 1.520               |
| 21         | —                               | 0.314               | 0.269               | 0.3                             | 0.234               | 0.198               | 2.0                             | 0.357               | 0.287               | 35.0                            | 2.913               | 4.179               | 94.8                            | 40.591              | 51.839              | 16.5                            | 1.878               | 1.754               |
| 22         | —                               | 0.296               | 0.267               | 20.3                            | 2.700               | 4.223               | 1.4                             | 0.441               | 0.324               | 6.7                             | 15.823              | 17.075              | 16.4                            | 43.601              | 41.060              | 0.1                             | 4.527               | 5.227               |
| 23         | 0.0                             | 0.292               | 0.247               | 0.0                             | 2.239               | 2.451               | —                               | 0.383               | 0.276               | —                               | 4.229               | 3.220               | 0.4                             | 6.785               | 5.684               | —                               | 2.617               | 2.139               |
| 24         | 0.0                             | 0.268               | 0.234               | —                               | 1.153               | 1.036               | —                               | 0.326               | 0.238               | —                               | 1.824               | 1.324               | —                               | 2.253               | 1.521               | —                               | 1.537               | 1.039               |
| 25         | 2.4                             | 0.268               | 0.234               | 1.1                             | 0.760               | 0.670               | —                               | 0.308               | 0.234               | —                               | 1.115               | 0.803               | —                               | 1.251               | 0.776               | —                               | 1.109               | 0.617               |
| 26         | 0.1                             | 0.284               | 0.240               | 1.7                             | 0.635               | 0.523               | —                               | 0.306               | 0.213               | 3.3                             | 0.992               | 0.740               | —                               | 0.814               | 0.473               | —                               | 0.971               | 0.447               |
| 27         | 0.0                             | 0.264               | 0.222               | 26.9                            | 8.925               | 11.141              | —                               | 0.292               | 0.201               | —                               | 0.753               | 0.536               | —                               | 0.600               | 0.353               | 7.8                             | 0.834               | 0.482               |
| 28         | —                               | 0.256               | 0.222               | —                               | 4.780               | 3.790               | 2.2                             | 0.329               | 0.244               | —                               | 0.606               | 0.412               | 7.8                             | 0.607               | 0.359               | —                               | 0.721               | 0.383               |
| 29         | —                               | 0.256               | 0.220               | —                               | —                   | —                   | —                               | 0.312               | 0.222               | —                               | 0.495               | 0.363               | 5.8                             | 0.820               | 0.632               | —                               | 0.579               | 0.287               |
| 30         | —                               | 0.248               | 0.211               | —                               | —                   | —                   | —                               | 0.292               | 0.201               | —                               | 0.438               | 0.295               | —                               | 0.498               | 0.354               | 46.0                            | 3.567               | 5.429               |
| 31         | —                               | 0.235               | 0.201               | —                               | —                   | —                   | 18.6                            | 0.805               | 1.011               | —                               | —                   | —                   | 20.0                            | 0.860               | 0.750               | —                               | —                   | —                   |
| 計<br>Total | 36.0                            | 15.172              | 15.112              | 71.8                            | 26.111              | 27.611              | 128.1                           | 83.057              | 79.374              | 104.2                           | 56.214              | 59.438              | 240.2                           | 114.699             | 120.512             | 241.5                           | 116.035             | 118.585             |

| 項目<br>Item |                      | 1 9 6 6 年       |                              |                      |                 |                              |                      |                 |                              |                      |                 |                              |                      |                 |                              |                      |                 |                              |
|------------|----------------------|-----------------|------------------------------|----------------------|-----------------|------------------------------|----------------------|-----------------|------------------------------|----------------------|-----------------|------------------------------|----------------------|-----------------|------------------------------|----------------------|-----------------|------------------------------|
|            |                      | 7 月 July        |                              |                      | 8 月 Aug.        |                              |                      | 9 月 Sep.        |                              |                      | 10 月 Oct.       |                              |                      | 11 月 Nov.       |                              |                      | 12 月 Dec.       |                              |
| 日<br>Day   | 降水量<br>Precipitation | 流出量<br>Runoff   | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff   | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff   | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff   | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff   | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff   | 露場<br>Meteorological station |
|            | 南谷<br>MINA-TANI      | 北谷<br>KITA-TANI | 南谷<br>MINA-TANI              | 北谷<br>KITA-TANI      | 南谷<br>MINA-TANI | 北谷<br>KITA-TANI              | 南谷<br>MINA-TANI      | 北谷<br>KITA-TANI | 南谷<br>MINA-TANI              | 北谷<br>KITA-TANI      | 南谷<br>MINA-TANI | 北谷<br>KITA-TANI              | 南谷<br>MINA-TANI      | 北谷<br>KITA-TANI | 南谷<br>MINA-TANI              | 北谷<br>KITA-TANI      | 南谷<br>MINA-TANI |                              |
| 1          | 31.5                 | 24.402          | 28.684                       | 1.0                  | 0.464           | 0.235                        | 0.5                  | 0.208           | 0.170                        | 5.6                  | 0.446           | 0.228                        | —                    | 0.258           | 0.157                        | —                    | 0.264           | 0.201                        |
| 2          | 5.9                  | 10.320          | 8.641                        | 0.3                  | 0.424           | 0.220                        | 0.4                  | 0.228           | 0.176                        | —                    | 0.441           | 0.236                        | —                    | 0.248           | 0.146                        | —                    | 0.237           | 0.173                        |
| 3          | —                    | 3.074           | 2.482                        | 22.0                 | 0.850           | 0.606                        | 22.5                 | 0.540           | 0.384                        | 0.0                  | 0.366           | 0.186                        | —                    | 0.229           | 0.129                        | —                    | 0.235           | 0.163                        |
| 4          | —                    | 1.505           | 0.944                        | —                    | 0.439           | 0.229                        | —                    | 0.289           | 0.160                        | —                    | 0.331           | 0.164                        | —                    | 0.234           | 0.136                        | —                    | 0.235           | 0.162                        |
| 5          | —                    | 0.997           | 0.554                        | —                    | 0.390           | 0.223                        | —                    | 0.261           | 0.142                        | —                    | 0.300           | 0.145                        | —                    | 0.235           | 0.136                        | 4.0                  | 0.272           | 0.191                        |
| 6          | —                    | 0.790           | 0.426                        | 1.0                  | 0.392           | 0.222                        | —                    | 0.240           | 0.119                        | —                    | 0.298           | 0.150                        | 3.1                  | 0.274           | 0.168                        | —                    | 0.229           | 0.163                        |
| 7          | 18.7                 | 1.116           | 0.738                        | 8.2                  | 0.707           | 0.359                        | —                    | 0.232           | 0.112                        | —                    | 0.297           | 0.144                        | —                    | 0.251           | 0.156                        | —                    | 0.225           | 0.154                        |
| 8          | 11.0                 | 1.677           | 2.099                        | —                    | 0.399           | 0.242                        | 1.1                  | 0.223           | 0.104                        | —                    | 0.300           | 0.146                        | —                    | 0.239           | 0.147                        | —                    | 0.225           | 0.147                        |
| 9          | 0.5                  | 1.313           | 1.674                        | —                    | 0.371           | 0.229                        | 18.9                 | 0.493           | 0.322                        | —                    | 0.297           | 0.135                        | —                    | 0.239           | 0.144                        | —                    | 0.219           | 0.144                        |
| 10         | 30.0                 | 3.293           | 4.160                        | —                    | 0.362           | 0.227                        | 0.0                  | 0.255           | 0.124                        | —                    | 0.289           | 0.133                        | —                    | 0.229           | 0.139                        | —                    | 0.215           | 0.137                        |
| 11         | 6.3                  | 15.136          | 16.496                       | —                    | 0.336           | 0.218                        | 0.0                  | 0.228           | 0.107                        | 1.7                  | 0.295           | 0.146                        | —                    | 0.214           | 0.130                        | —                    | 0.211           | 0.139                        |
| 12         | 1.9                  | 5.037           | 4.056                        | 0.0                  | 0.330           | 0.212                        | 1.4                  | 0.232           | 0.114                        | 15.5                 | 0.594           | 0.415                        | —                    | 0.211           | 0.128                        | 0.8                  | 0.222           | 0.150                        |
| 13         | —                    | 2.065           | 1.546                        | 2.5                  | 0.338           | 0.207                        | —                    | 0.224           | 0.109                        | —                    | 0.329           | 0.176                        | 9.4                  | 0.301           | 0.195                        | 0.7                  | 0.215           | 0.146                        |
| 14         | —                    | 1.344           | 0.820                        | 0.1                  | 0.319           | 0.200                        | —                    | 0.195           | 0.090                        | 2.7                  | 0.317           | 0.168                        | —                    | 0.277           | 0.175                        | —                    | 0.206           | 0.126                        |
| 15         | 0.2                  | 1.050           | 0.614                        | 16.3                 | 0.586           | 0.397                        | —                    | 0.178           | 0.083                        | 8.2                  | 0.578           | 0.431                        | —                    | 0.214           | 0.122                        | —                    | 0.206           | 0.120                        |
| 16         | —                    | 0.841           | 0.453                        | 0.0                  | 0.372           | 0.206                        | 14.6                 | 0.292           | 0.181                        | —                    | 0.329           | 0.193                        | 18.6                 | 0.388           | 0.309                        | —                    | 0.206           | 0.120                        |
| 17         | —                    | 0.738           | 0.376                        | —                    | 0.346           | 0.183                        | 59.0                 | 2.804           | 2.892                        | —                    | 0.283           | 0.165                        | 2.7                  | 0.843           | 0.912                        | —                    | 0.200           | 0.120                        |
| 18         | —                    | 0.702           | 0.358                        | 5.0                  | 0.422           | 0.247                        | 52.5                 | 9.939           | 15.614                       | 0.4                  | 0.277           | 0.154                        | —                    | 0.329           | 0.267                        | —                    | 0.196           | 0.125                        |
| 19         | —                    | 0.638           | 0.313                        | 0.0                  | 0.340           | 0.183                        | 0.1                  | 1.807           | 1.656                        | —                    | 0.266           | 0.149                        | —                    | 0.275           | 0.196                        | 16.1                 | 0.652           | 0.694                        |
| 20         | —                    | 0.574           | 0.272                        | 0.0                  | 0.293           | 0.149                        | —                    | 0.528           | 0.324                        | 0.0                  | 0.255           | 0.146                        | —                    | 0.237           | 0.167                        | —                    | 0.360           | 0.323                        |
| 21         | —                    | 0.560           | 0.262                        | —                    | 0.272           | 0.135                        | 22.7                 | 0.982           | 1.031                        | —                    | 0.242           | 0.135                        | —                    | 0.212           | 0.153                        | —                    | 0.277           | 0.224                        |
| 22         | 0.7                  | 0.679           | 0.357                        | 1.8                  | 0.282           | 0.151                        | 1.3                  | 2.098           | 3.233                        | —                    | 0.248           | 0.133                        | —                    | 0.215           | 0.153                        | —                    | 0.241           | 0.201                        |
| 23         | —                    | 0.540           | 0.272                        | 1.7                  | 0.310           | 0.181                        | 57.2                 | 18.472          | 24.765                       | —                    | 0.246           | 0.133                        | —                    | 0.215           | 0.153                        | 7.2                  | 0.220           | 0.184                        |
| 24         | —                    | 0.509           | 0.252                        | —                    | 0.257           | 0.151                        | 30.0                 | 20.982          | 19.954                       | 2.3                  | 0.265           | 0.151                        | —                    | 0.217           | 0.150                        | —                    | 0.211           | 0.174                        |
| 25         | —                    | 0.483           | 0.231                        | —                    | 0.237           | 0.162                        | 6.6                  | 18.084          | 17.421                       | 2.9                  | 0.287           | 0.166                        | 7.4                  | 0.334           | 0.234                        | 0.0                  | 0.206           | 0.163                        |
| 26         | —                    | 0.457           | 0.220                        | 3.9                  | 0.286           | 0.209                        | —                    | 3.654           | 2.467                        | 22.8                 | 0.967           | 0.981                        | —                    | 0.239           | 0.153                        | —                    | 0.198           | 0.149                        |
| 27         | —                    | 0.445           | 0.217                        | —                    | 0.266           | 0.190                        | —                    | 1.318           | 0.744                        | —                    | 0.431           | 0.355                        | —                    | 0.229           | 0.147                        | —                    | 0.189           | 0.137                        |
| 28         | —                    | 0.432           | 0.214                        | —                    | 0.254           | 0.186                        | —                    | 0.717           | 0.375                        | —                    | 0.312           | 0.212                        | 4.0                  | 0.236           | 0.153                        | —                    | 0.187           | 0.136                        |
| 29         | —                    | 0.428           | 0.208                        | —                    | 0.232           | 0.167                        | —                    | 0.498           | 0.256                        | —                    | 0.275           | 0.173                        | 6.3                  | 0.416           | 0.344                        | —                    | 0.187           | 0.139                        |
| 30         | 0.0                  | 0.413           | 0.207                        | —                    | 0.227           | 0.171                        | —                    | 0.414           | 0.201                        | —                    | 0.264           | 0.163                        | 0.8                  | 0.338           | 0.281                        | —                    | 0.178           | 0.141                        |
| 31         | 1.7                  | 0.451           | 0.209                        | —                    | 0.220           | 0.170                        | —                    | —               | —                            | —                    | 0.260           | 0.162                        | —                    | —               | —                            | 3.2                  | 0.187           | 0.145                        |
| 計<br>Total | 108.4                | 82.009          | 78.355                       | 63.8                 | 11.323          | 6.867                        | 288.8                | 86.615          | 93.430                       | 62.1                 | 10.685          | 6.574                        | 52.3                 | 8.376           | 5.980                        | 32.0                 | 7.311           | 5.491                        |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 6 7 年                       |               |                 |                                 |               |                 |                                 |               |                 |                                 |               |                 |                                 |               |                 |                                 |               |                 |
|------------|---------------------------------|---------------|-----------------|---------------------------------|---------------|-----------------|---------------------------------|---------------|-----------------|---------------------------------|---------------|-----------------|---------------------------------|---------------|-----------------|---------------------------------|---------------|-----------------|
|            | 1 月 Jan.                        |               |                 | 2 月 Feb.                        |               |                 | 3 月 Mar.                        |               |                 | 4 月 Apr.                        |               |                 | 5 月 May                         |               |                 | 6 月 June                        |               |                 |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff |                 | 降水量<br>Precipitation            | 流出量<br>Runoff |                 | 降水量<br>Precipitation            | 流出量<br>Runoff |                 | 降水量<br>Precipitation            | 流出量<br>Runoff |                 | 降水量<br>Precipitation            | 流出量<br>Runoff |                 | 降水量<br>Precipitation            | 流出量<br>Runoff |                 |
|            | 露場<br>Meteorological<br>station | 南谷<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-TANI | 北谷<br>KITA-TANI |
| 日<br>Day   |                                 |               |                 |                                 |               |                 |                                 |               |                 |                                 |               |                 |                                 |               |                 |                                 |               |                 |
| 1          | 6.3                             | 0.311         | 0.272           | —                               | 0.244         | 0.288           | —                               | 0.189         | 0.206           | —                               | 0.533         | 0.444           | 6.8                             | 1.453         | 1.158           | —                               | 0.503         | 0.246           |
| 2          | —                               | 0.231         | 0.197           | —                               | 0.217         | 0.248           | —                               | 0.182         | 0.197           | 33.2                            | 0.799         | 0.978           | —                               | 1.057         | 0.943           | —                               | 0.445         | 0.218           |
| 3          | —                               | 0.200         | 0.166           | —                               | 0.215         | 0.236           | —                               | 0.176         | 0.187           | 19.5                            | 8.552         | 12.312          | —                               | 0.828         | 0.669           | —                               | 0.401         | 0.194           |
| 4          | —                               | 0.190         | 0.158           | —                               | 0.205         | 0.214           | 18.3                            | 0.180         | 0.191           | 2.9                             | 14.466        | 14.349          | —                               | 0.657         | 0.468           | —                               | 0.390         | 0.189           |
| 5          | —                               | 0.187         | 0.149           | —                               | 0.194         | 0.194           | 0.3                             | 1.207         | 1.988           | —                               | 6.072         | 4.760           | —                               | 0.551         | 0.363           | —                               | 0.379         | 0.177           |
| 6          | 0.4                             | 0.187         | 0.148           | —                               | 0.187         | 0.185           | 0.0                             | 0.819         | 1.091           | —                               | 2.126         | 1.616           | 38.0                            | 0.829         | 0.701           | —                               | 0.350         | 0.161           |
| 7          | —                               | 0.184         | 0.145           | 2.9                             | 0.178         | 0.178           | —                               | 0.535         | 0.549           | —                               | 1.113         | 0.847           | 0.3                             | 7.456         | 11.028          | —                               | 0.325         | 0.148           |
| 8          | —                               | 0.178         | 0.142           | 11.8                            | 0.313         | 0.344           | —                               | 0.380         | 0.369           | 34.0                            | 0.982         | 0.820           | 0.3                             | 3.848         | 3.356           | 5.4                             | 0.326         | 0.148           |
| 9          | —                               | 0.173         | 0.140           | 1.7                             | 0.658         | 1.003           | 0.5                             | 0.315         | 0.295           | 12.5                            | 14.783        | 18.863          | 47.3                            | 10.099        | 13.068          | 5.5                             | 0.474         | 0.268           |
| 10         | —                               | 0.171         | 0.137           | 1.0                             | 0.498         | 0.685           | 9.9                             | 0.542         | 0.654           | 8.3                             | 10.112        | 8.556           | —                               | 20.617        | 18.839          | 2.0                             | 0.392         | 0.206           |
| 11         | 1.4                             | 0.176         | 0.141           | 3.4                             | 0.407         | 0.506           | —                               | 0.649         | 0.918           | —                               | 4.829         | 4.767           | —                               | 5.083         | 3.840           | —                               | 0.362         | 0.190           |
| 12         | —                               | 0.178         | 0.144           | 1.4                             | 0.400         | 0.484           | —                               | 0.549         | 0.607           | 4.8                             | 2.658         | 2.275           | —                               | 2.089         | 1.368           | —                               | 0.327         | 0.167           |
| 13         | —                               | 0.172         | 0.138           | —                               | 0.363         | 0.454           | —                               | 0.464         | 0.444           | 13.0                            | 2.194         | 2.170           | —                               | 1.261         | 0.747           | 0.0                             | 0.308         | 0.147           |
| 14         | —                               | 0.161         | 0.127           | —                               | 0.331         | 0.398           | —                               | 0.367         | 0.343           | 11.2                            | 5.528         | 6.487           | —                               | 0.933         | 0.527           | —                               | 0.293         | 0.142           |
| 15         | —                               | 0.157         | 0.124           | 0.0                             | 0.299         | 0.343           | 9.1                             | 0.455         | 0.522           | 26.0                            | 7.050         | 8.132           | —                               | 0.723         | 0.384           | —                               | 0.277         | 0.131           |
| 16         | —                               | 0.152         | 0.118           | —                               | 0.253         | 0.287           | 1.5                             | 0.512         | 0.695           | 19.8                            | 26.698        | 28.057          | —                               | 0.622         | 0.307           | —                               | 0.270         | 0.125           |
| 17         | —                               | 0.159         | 0.113           | —                               | 0.234         | 0.259           | 33.1                            | 1.176         | 1.846           | 3.8                             | 12.951        | 10.403          | —                               | 0.564         | 0.266           | —                               | 0.262         | 0.121           |
| 18         | —                               | 0.147         | 0.105           | —                               | 0.216         | 0.230           | —                               | 12.603        | 15.266          | 16.5                            | 4.374         | 3.579           | —                               | 0.517         | 0.242           | —                               | 0.263         | 0.118           |
| 19         | —                               | 0.165         | 0.114           | 1.5                             | 0.203         | 0.210           | —                               | 3.459         | 2.989           | 15.0                            | 8.755         | 10.234          | —                               | 0.497         | 0.226           | —                               | 0.245         | 0.113           |
| 20         | —                               | 0.158         | 0.120           | —                               | 0.192         | 0.201           | —                               | 1.404         | 1.135           | —                               | 11.778        | 11.538          | —                               | 0.466         | 0.214           | —                               | 0.204         | 0.107           |
| 21         | —                               | 0.157         | 0.123           | —                               | 0.184         | 0.197           | 18.3                            | 1.197         | 1.081           | —                               | 4.391         | 3.464           | —                               | 0.460         | 0.213           | —                               | 0.219         | 0.117           |
| 22         | —                               | 0.157         | 0.125           | 0.2                             | 0.178         | 0.182           | 3.6                             | 4.390         | 5.990           | —                               | 2.021         | 1.458           | —                               | 0.447         | 0.210           | 1.3                             | 0.228         | 0.123           |
| 23         | —                               | 0.159         | 0.117           | 4.4                             | 0.206         | 0.208           | 0.1                             | 2.927         | 2.803           | —                               | 1.242         | 0.870           | —                               | 0.418         | 0.200           | —                               | 0.240         | 0.133           |
| 24         | —                               | 0.161         | 0.115           | 7.1                             | 0.222         | 0.232           | —                               | 1.596         | 1.312           | —                               | 0.909         | 0.615           | —                               | 0.390         | 0.185           | 1.0                             | 0.221         |                 |
| 25         | —                               | 0.161         | 0.112           | —                               | 0.335         | 0.402           | —                               | 0.956         | 0.766           | —                               | 0.715         | 0.466           | —                               | 0.375         | 0.179           | 24.5                            | 0.533         |                 |
| 26         | —                               | 0.156         | 0.112           | —                               | 0.244         | 0.304           | 19.2                            | 0.674         | 0.553           | —                               | 0.609         | 0.381           | 55.8                            | 0.369         | 0.173           | —                               | 0.293         |                 |
| 27         | 0.8                             | 0.153         | 0.115           | —                               | 0.219         | 0.262           | —                               | 3.446         | 4.998           | 0.4                             | 0.539         | 0.328           | 3.7                             | 4.965         | 8.622           | 24.4                            | 0.241         |                 |
| 28         | 19.0                            | 0.241         | 0.202           | —                               | 0.199         | 0.224           | —                               | 2.680         | 2.598           | 33.0                            | 2.664         | 4.490           | 4.0                             | 1.937         | 2.124           | 24.1                            | 1.491         |                 |
| 29         | 3.8                             | 0.698         | 0.893           | —                               | —             | —               | —                               | 0.7           | 1.383           | 1.137                           | —             | 3.814           | 5.356                           | 0.1           | 1.149           | 0.702                           | —             | 0.642           |
| 30         | —                               | 0.422         | 0.549           | —                               | —             | —               | —                               | 2.1           | 0.953           | 0.773                           | —             | 2.032           | 1.800                           | —             | 0.738           | 0.394                           | 0.0           | 0.298           |
| 31         | 0.0                             | 0.287         | 0.363           | —                               | —             | —               | —                               | 0.791         | 0.628           | —                               | —             | —               | —                               | 0.579         | 0.288           | —                               | —             |                 |
| 計<br>Total | 31.7                            | 6.389         | 5.724           | 35.4                            | 7.594         | 8.958           | 116.7                           | 47.156        | 53.131          | 253.9                           | 165.289       | 170.415         | 156.3                           | 71.977        | 72.004          | 88.2                            | 11.202        |                 |

欠測  
Missing

| 項目<br>Item | 1 9 6 7 年                            |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
|------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|
|            | 7 月 July                             |                            |                     | 8 月 Aug.                             |                            |                     | 9 月 Sep.                             |                            |                     | 10 月 Oct.                            |                            |                     | 11 月 Nov.                            |                            |                     | 12 月 Dec.                            |                            |                     |
|            | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       |
|            | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
| 1          | 12.7                                 | 0.278                      |                     | —                                    | 0.254                      | 0.127               | —                                    | 0.245                      | 0.127               | 0.0                                  | 0.127                      | 0.067               | —                                    | 0.159                      | 0.139               | —                                    | 0.166                      | 0.145               |
| 2          | 19.6                                 | 1.361                      |                     | 1.2                                  | 0.250                      | 0.128               | —                                    | 0.192                      | 0.100               | —                                    | 0.114                      | 0.062               | —                                    | 0.161                      | 0.158               | —                                    | 0.158                      | 0.142               |
| 3          | 20.3                                 | 1.674                      |                     | 0.9                                  | 0.243                      | 0.127               | —                                    | 0.179                      | 0.090               | —                                    | 0.105                      | 0.059               | —                                    | 0.158                      | 0.149               | —                                    | 0.153                      | 0.138               |
| 4          | 0.0                                  | 2.033                      |                     | —                                    | 0.235                      | 0.123               | 0.0                                  | 0.180                      | 0.089               | 7.1                                  | 0.110                      | 0.055               | —                                    | 0.142                      | 0.132               | —                                    | 0.151                      | 0.132               |
| 5          | 23.8                                 | 2.609                      |                     | —                                    | 0.217                      | 0.113               | 0.0                                  | 0.171                      | 0.085               | 9.2                                  | 0.276                      | 0.182               | 7.0                                  | 0.179                      | 0.155               | —                                    | 0.146                      | 0.126               |
| 6          | 19.8                                 | 2.719                      |                     | 0.5                                  | 0.215                      | 0.113               | —                                    | 0.163                      | 0.078               | 3.7                                  | 0.172                      | 0.102               | 0.0                                  | 0.208                      | 0.162               | —                                    | 0.146                      | 0.124               |
| 7          | 36.0                                 | 5.163                      |                     | —                                    | 0.191                      | 0.100               | —                                    | 0.156                      | 0.076               | 3.1                                  | 0.200                      | 0.131               | —                                    | 0.163                      | 0.130               | —                                    | 0.143                      | 0.108               |
| 8          | 29.0                                 | 32.682                     |                     | —                                    | 0.193                      | 0.106               | —                                    | 0.156                      | 0.069               | —                                    | 0.160                      | 0.095               | 4.6                                  | 0.153                      | 0.120               | —                                    | 0.139                      | 0.102               |
| 9          | 59.4                                 | 44.461                     |                     | —                                    | 0.196                      | 0.102               | 8.0                                  | 0.185                      | 0.109               | —                                    | 0.138                      | 0.077               | 0.2                                  | 0.200                      | 0.149               | —                                    | 0.153                      | 0.114               |
| 10         | —                                    | 21.243                     |                     | —                                    | 0.204                      | 0.094               | 0.1                                  | 0.165                      | 0.093               | 0.6                                  | 0.139                      | 0.076               | —                                    | 0.163                      | 0.123               | —                                    | 0.160                      | 0.119               |
| 11         | 53.3                                 | 3.859                      | 欠<br>測<br>Missing   | —                                    | 0.195                      | 0.090               | —                                    | 0.140                      | 0.072               | —                                    | 0.140                      | 0.072               | 5.0                                  | 0.151                      | 0.144               | —                                    | 0.153                      | 0.114               |
| 12         | 5.1                                  | 37.138                     |                     | —                                    | 0.193                      | 0.091               | 16.1                                 | 0.139                      | 0.064               | —                                    | 0.136                      | 0.076               | —                                    | 0.192                      | 0.152               | —                                    | 0.153                      | 0.111               |
| 13         | —                                    | 9.464                      |                     | —                                    | 0.191                      | 0.091               | 0.1                                  | 0.327                      | 0.225               | 17.4                                 | 0.160                      | 0.087               | —                                    | 0.159                      | 0.115               | 0.8                                  | 0.153                      | 0.108               |
| 14         | —                                    | 2.814                      |                     | —                                    | 0.185                      | 0.088               | —                                    | 0.164                      | 0.079               | —                                    | 0.350                      | 0.252               | —                                    | 0.156                      | 0.114               | 3.6                                  | 0.161                      | 0.125               |
| 15         | —                                    | 1.387                      |                     | —                                    | 0.178                      | 0.085               | —                                    | 0.159                      | 0.078               | —                                    | 0.166                      | 0.087               | —                                    | 0.150                      | 0.111               | —                                    | 0.181                      | 0.124               |
| 16         | —                                    | 0.880                      |                     | —                                    | 0.177                      | 0.084               | 1.0                                  | 0.178                      | 0.086               | 0.0                                  | 0.144                      | 0.078               | —                                    | 0.146                      | 0.110               | —                                    | 0.153                      | 0.098               |
| 17         | —                                    | 0.640                      |                     | —                                    | 0.171                      | 0.073               | 0.1                                  | 0.161                      | 0.079               | 0.7                                  | 0.151                      | 0.082               | —                                    | 0.146                      | 0.113               | —                                    | 0.151                      | 0.093               |
| 18         | —                                    | 0.502                      |                     | —                                    | 0.157                      | 0.071               | —                                    | 0.159                      | 0.075               | —                                    | 0.153                      | 0.075               | —                                    | 0.143                      | 0.112               | —                                    | 0.146                      | 0.090               |
| 19         | —                                    | 0.439                      |                     | —                                    | 0.154                      | 0.064               | —                                    | 0.140                      | 0.062               | —                                    | 0.133                      | 0.076               | 31.0                                 | 0.147                      | 0.129               | —                                    | 0.145                      | 0.090               |
| 20         | 0.0                                  | 0.405                      |                     | 0.0                                  | 0.163                      | 0.068               | 2.7                                  | 0.128                      | 0.061               | —                                    | 0.124                      | 0.080               | 1.0                                  | 1.203                      | 1.316               | —                                    | 0.138                      | 0.084               |
| 21         | —                                    | 0.369                      |                     | 0.5                                  | 0.163                      | 0.076               | —                                    | 0.163                      | 0.083               | —                                    | 0.131                      | 0.084               | —                                    | 0.254                      | 0.246               | —                                    | 0.134                      | 0.084               |
| 22         | 0.0                                  | 0.339                      |                     | —                                    | 0.157                      | 0.071               | —                                    | 0.140                      | 0.074               | —                                    | 0.122                      | 0.079               | —                                    | 0.188                      | 0.158               | —                                    | 0.131                      | 0.084               |
| 23         | —                                    | 0.335                      |                     | —                                    | 0.141                      | 0.066               | —                                    | 0.123                      | 0.069               | —                                    | 0.124                      | 0.078               | —                                    | 0.175                      | 0.141               | —                                    | 0.134                      | 0.090               |
| 24         | —                                    | 0.312                      |                     | —                                    | 0.144                      | 0.064               | —                                    | 0.116                      | 0.064               | 0.0                                  | 0.130                      | 0.078               | —                                    | 0.167                      | 0.138               | —                                    | 0.138                      | 0.090               |
| 25         | —                                    | 0.298                      |                     | 8.4                                  | 0.227                      | 0.116               | 1.4                                  | 0.126                      | 0.064               | —                                    | 0.134                      | 0.074               | —                                    | 0.154                      | 0.141               | —                                    | 0.138                      | 0.090               |
| 26         | —                                    | 0.296                      | 0.155               | 15.4                                 | 0.343                      | 0.244               | —                                    | 0.117                      | 0.061               | 12.8                                 | 0.132                      | 0.078               | —                                    | 0.146                      | 0.144               | 0.6                                  | 0.143                      | 0.096               |
| 27         | —                                    | 0.275                      | 0.145               | —                                    | 0.224                      | 0.110               | —                                    | 0.116                      | 0.063               | 67.9                                 | 1.645                      | 1.275               | 8.5                                  | 0.173                      | 0.173               | —                                    | 0.146                      | 0.108               |
| 28         | —                                    | 0.261                      | 0.147               | —                                    | 0.191                      | 0.098               | —                                    | 0.108                      | 0.058               | 0.0                                  | 1.330                      | 1.474               | 3.4                                  | 0.252                      | 0.180               | 0.0                                  | 0.138                      | 0.096               |
| 29         | —                                    | 0.261                      | 0.156               | 8.1                                  | 0.187                      | 0.098               | 0.0                                  | 0.106                      | 0.054               | —                                    | 0.204                      | 0.173               | 1.0                                  | 0.225                      | 0.183               | —                                    | 0.134                      | 0.095               |
| 30         | —                                    | 0.260                      | 0.138               | 0.0                                  | 0.268                      | 0.154               | —                                    | 0.115                      | 0.060               | —                                    | 0.171                      | 0.145               | —                                    | 0.188                      | 0.156               | —                                    | 0.131                      | 0.090               |
| 31         | —                                    | 0.257                      | 0.126               | 12.3                                 | 0.311                      | 0.224               |                                      |                            |                     | —                                    | 0.164                      | 0.138               |                                      |                            |                     | 0.8                                  | 0.133                      | 0.093               |
| 計<br>Total | 279.0                                | 175.014                    |                     | 47.3                                 | 6.318                      | 3.259               | 29.5                                 | 4.717                      | 2.447               | 122.5                                | 7.485                      | 5.547               | 61.7                                 | 6.201                      | 5.493               | 5.8                                  | 4.549                      | 3.303               |

Table 1. (つづき) (Continued)

| 項目<br>Item |                                       | 1 9 6 8 年                   |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                 |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|-----------------|
|            |                                       | 1 月 Jan.                    |                      |                                       | 2 月 Feb.                    |                      |                                       | 3 月 Mar.                    |                      |                                       | 4 月 Apr.                    |                      |                                       | 5 月 May                     |                      |                                       | 6 月 June                    |                      |                 |
|            |                                       | 降水量<br>Precipitation        |                      | 流 出 量<br>Runoff                       | 降水量<br>Precipitation        |                      | 流 出 量<br>Runoff                       | 降水量<br>Precipitation        |                      | 流 出 量<br>Runoff                       | 降水量<br>Precipitation        |                      | 流 出 量<br>Runoff                       | 降水量<br>Precipitation        |                      | 流 出 量<br>Runoff                       | 降水量<br>Precipitation        |                      | 流 出 量<br>Runoff |
| 日<br>Day   | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |                 |
| 1          | —                                     | 0.138                       | 0.102                | —                                     | 0.149                       | 0.130                | —                                     | 0.760                       | 1.233                | —                                     | 0.158                       | 0.343                | —                                     | 0.132                       | 0.178                | —                                     | 0.072                       | 0.069                |                 |
| 2          | —                                     | 0.134                       | 0.108                | —                                     | 0.142                       | 0.126                | —                                     | 0.264                       | 0.371                | —                                     | 0.138                       | 0.246                | —                                     | 0.121                       | 0.141                | 10.4                                  | 0.077                       | 0.085                |                 |
| 3          | —                                     | 0.131                       | 0.106                | —                                     | 0.134                       | 0.121                | —                                     | 0.181                       | 0.218                | —                                     | 0.128                       | 0.216                | 35.0                                  | 0.152                       | 0.194                | —                                     | 0.136                       | 0.134                |                 |
| 4          | —                                     | 0.127                       | 0.102                | —                                     | 0.127                       | 0.118                | —                                     | 0.149                       | 0.161                | —                                     | 0.120                       | 0.196                | —                                     | 3.247                       | 7.612                | —                                     | 0.081                       | 0.072                |                 |
| 5          | —                                     | 0.127                       | 0.102                | —                                     | 0.117                       | 0.117                | 4.2                                   | 0.152                       | 0.164                | —                                     | 0.114                       | 0.184                | —                                     | 1.324                       | 2.379                | —                                     | 0.068                       | 0.054                |                 |
| 6          | 12.5                                  | 0.210                       | 0.182                | —                                     | 0.117                       | 0.120                | —                                     | 0.144                       | 0.151                | —                                     | 0.111                       | 0.164                | 19.3                                  | 0.564                       | 0.756                | —                                     | 0.061                       | 0.059                |                 |
| 7          | —                                     | 0.244                       | 0.213                | —                                     | 0.117                       | 0.120                | 8.7                                   | 0.131                       | 0.132                | —                                     | 0.101                       | 0.150                | 2.6                                   | 2.109                       | 4.072                | —                                     | 0.059                       | 0.058                |                 |
| 8          | 0.3                                   | 0.158                       | 0.128                | —                                     | 0.119                       | 0.118                | 2.6                                   | 0.460                       | 0.742                | —                                     | 0.099                       | 0.150                | —                                     | 1.784                       | 2.964                | —                                     | 0.057                       | 0.055                |                 |
| 9          | —                                     | 0.139                       | 0.104                | —                                     | 0.124                       | 0.118                | 0.0                                   | 0.320                       | 0.544                | 0.2                                   | 0.103                       | 0.150                | —                                     | 0.769                       | 1.034                | 15.4                                  | 0.058                       | 0.054                |                 |
| 10         | 0.1                                   | 0.141                       | 0.096                | 0.0                                   | 0.124                       | 0.120                | —                                     | 0.207                       | 0.311                | 38.3                                  | 0.527                       | 1.272                | —                                     | 0.395                       | 0.489                | 5.1                                   | 0.238                       | 0.276                |                 |
| 11         | —                                     | 0.135                       | 0.094                | —                                     | 0.124                       | 0.117                | 13.2                                  | 0.280                       | 0.438                | 8.3                                   | 3.704                       | 9.350                | 5.1                                   | 0.267                       | 0.317                | —                                     | 0.095                       | 0.090                |                 |
| 12         | —                                     | 0.131                       | 0.090                | —                                     | 0.126                       | 0.116                | —                                     | 0.796                       | 1.573                | —                                     | 1.615                       | 3.190                | 5.9                                   | 0.280                       | 0.320                | —                                     | 0.072                       | 0.063                |                 |
| 13         | 1.9                                   | 0.136                       | 0.104                | —                                     | 0.131                       | 0.113                | —                                     | 0.343                       | 0.594                | —                                     | 0.506                       | 0.826                | —                                     | 0.263                       | 0.302                | —                                     | 0.067                       | 0.062                |                 |
| 14         | 0.1                                   | 0.127                       | 0.094                | 6.2                                   | 0.131                       | 0.111                | —                                     | 0.218                       | 0.300                | —                                     | 0.285                       | 0.435                | —                                     | 0.172                       | 0.183                | 10.5                                  | 0.066                       | 0.062                |                 |
| 15         | 0.3                                   | 0.124                       | 0.092                | 28.3                                  | 0.632                       | 0.709                | 0.0                                   | 0.168                       | 0.217                | —                                     | 0.216                       | 0.309                | —                                     | 0.130                       | 0.126                | 15.0                                  | 0.149                       | 0.162                |                 |
| 16         | 0.0                                   | 0.118                       | 0.090                | —                                     | 0.736                       | 0.905                | 1.0                                   | 0.151                       | 0.182                | —                                     | 0.180                       | 0.244                | —                                     | 0.112                       | 0.104                | —                                     | 0.351                       | 0.478                |                 |
| 17         | —                                     | 0.117                       | 0.090                | —                                     | 0.366                       | 0.468                | —                                     | 0.131                       | 0.147                | 3.2                                   | 0.158                       | 0.204                | 0.1                                   | 0.106                       | 0.095                | —                                     | 0.119                       | 0.133                |                 |
| 18         | —                                     | 0.113                       | 0.090                | —                                     | 0.277                       | 0.348                | —                                     | 0.121                       | 0.151                | 8.3                                   | 0.312                       | 0.386                | 15.0                                  | 0.124                       | 0.121                | —                                     | 0.085                       | 0.085                |                 |
| 19         | —                                     | 0.113                       | 0.081                | —                                     | 0.312                       | 0.404                | 4.0                                   | 0.117                       | 0.162                | —                                     | 0.454                       | 0.700                | 2.9                                   | 0.284                       | 0.330                | 0.0                                   | 0.078                       | 0.073                |                 |
| 20         | —                                     | 0.118                       | 0.085                | —                                     | 0.266                       | 0.323                | 13.7                                  | 0.429                       | 0.884                | —                                     | 0.294                       | 0.472                | —                                     | 0.182                       | 0.217                | —                                     | 0.069                       | 0.065                |                 |
| 21         | —                                     | 0.124                       | 0.086                | 0.3                                   | 0.184                       | 0.205                | —                                     | 0.584                       | 1.369                | —                                     | 0.217                       | 0.314                | —                                     | 0.129                       | 0.151                | —                                     | 0.063                       | 0.059                |                 |
| 22         | —                                     | 0.124                       | 0.084                | 0.3                                   | 0.140                       | 0.170                | —                                     | 0.322                       | 0.607                | 12.8                                  | 0.205                       | 0.275                | —                                     | 0.109                       | 0.119                | —                                     | 0.058                       | 0.054                |                 |
| 23         | —                                     | 0.124                       | 0.084                | 2.7                                   | 0.129                       | 0.148                | —                                     | 0.217                       | 0.384                | —                                     | 0.475                       | 0.941                | —                                     | 0.097                       | 0.097                | —                                     | 0.052                       | 0.048                |                 |
| 24         | —                                     | 0.135                       | 0.097                | 0.3                                   | 0.133                       | 0.133                | —                                     | 0.174                       | 0.296                | —                                     | 0.283                       | 0.603                | —                                     | 0.083                       | 0.078                | 7.2                                   | 0.052                       | 0.049                |                 |
| 25         | —                                     | 0.164                       | 0.119                | —                                     | 0.124                       | 0.118                | 14.4                                  | 0.231                       | 0.309                | —                                     | 0.221                       | 0.374                | —                                     | 0.074                       | 0.068                | 6.6                                   | 0.091                       | 0.094                |                 |
| 26         | —                                     | 0.160                       | 0.110                | —                                     | 0.126                       | 0.115                | —                                     | 0.773                       | 1.872                | —                                     | 0.181                       | 0.268                | 9.1                                   | 0.072                       | 0.066                | 22.5                                  | 0.443                       | 0.591                |                 |
| 27         | —                                     | 0.153                       | 0.110                | —                                     | 0.126                       | 0.114                | —                                     | 0.434                       | 0.914                | 9.0                                   | 0.207                       | 0.267                | 11.3                                  | 0.254                       | 0.301                | 5.4                                   | 0.304                       | 0.494                |                 |
| 28         | —                                     | 0.149                       | 0.111                | 0.0                                   | 0.130                       | 0.116                | —                                     | 0.261                       | 0.472                | 1.0                                   | 0.250                       | 0.399                | —                                     | 0.161                       | 0.182                | 0.4                                   | 0.278                       | 0.405                |                 |
| 29         | 8.5                                   | 0.191                       | 0.160                | 14.0                                  | 0.343                       | 0.319                | 0.0                                   | 0.188                       | 0.336                | —                                     | 0.198                       | 0.325                | —                                     | 0.109                       | 0.120                | 0.1                                   | 0.181                       | 0.286                |                 |
| 30         | —                                     | 0.197                       | 0.170                | —                                     | —                           | —                    | 6.4                                   | 0.198                       | 0.353                | —                                     | 0.158                       | 0.238                | —                                     | 0.089                       | 0.088                | —                                     | 0.124                       | 0.176                |                 |
| 31         | —                                     | 0.158                       | 0.143                | —                                     | —                           | —                    | —                                     | 0.199                       | 0.440                | —                                     | —                           | —                    | —                                     | 0.077                       | 0.072                | —                                     | —                           | —                    |                 |
| 計<br>Total | 23.7                                  | 4.460                       | 3.427                | 52.1                                  | 5.806                       | 6.260                | 68.2                                  | 9.103                       | 16.027               | 81.1                                  | 11.718                      | 23.191               | 106.3                                 | 13.771                      | 23.276               | 98.6                                  | 3.704                       | 4.455                |                 |

| 項目<br>Item | 1 9 6 8 年                             |                    |                      |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |
|------------|---------------------------------------|--------------------|----------------------|---------------------------------------|--------------------|----------------------|---------------------------------------|--------------------|----------------------|---------------------------------------|--------------------|----------------------|---------------------------------------|--------------------|----------------------|---------------------------------------|--------------------|----------------------|
|            | 7 月 July                              |                    |                      | 8 月 Aug.                              |                    |                      | 9 月 Sep.                              |                    |                      | 10 月 Oct.                             |                    |                      | 11 月 Nov.                             |                    |                      | 12 月 Dec.                             |                    |                      |
|            | 降水量<br>Precipitation                  | 流 出 量<br>Runoff    |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff    |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff    |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff    |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff    |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff    |                      |
|            | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |                                       |                    |                      |
| 1          | 14.8                                  | 0.093              | 0.121                | 1.7                                   | 0.440              | 0.647                | —                                     | 0.099              | 0.102                | —                                     | 0.461              | 0.918                | —                                     | 0.113              | 0.112                | —                                     | 0.131              | 0.162                |
| 2          | 20.7                                  | 2.404              | 5.973                | —                                     | 0.291              | 0.442                | —                                     | 0.082              | 0.075                | —                                     | 0.273              | 0.465                | —                                     | 0.112              | 0.106                | 0.4                                   | 0.140              | 0.166                |
| 3          | —                                     | 1.201              | 2.567                | —                                     | 0.181              | 0.227                | 1.8                                   | 0.078              | 0.066                | 40.8                                  | 0.491              | 0.642                | —                                     | 0.110              | 0.096                | —                                     | 0.138              | 0.184                |
| 4          | —                                     | 0.312              | 0.474                | —                                     | 0.132              | 0.151                | 0.2                                   | 0.081              | 0.073                | 8.6                                   | 11.890             | 18.423               | —                                     | 0.110              | 0.096                | 12.3                                  | 0.146              | 0.196                |
| 5          | 23.8                                  | 0.477              | 0.764                | 1.6                                   | 0.112              | 0.120                | —                                     | 0.073              | 0.065                | —                                     | 6.364              | 6.310                | 2.1                                   | 0.112              | 0.100                | 0.3                                   | 0.248              | 0.281                |
| 6          | 0.9                                   | 1.816              | 4.152                | 10.5                                  | 0.171              | 0.193                | —                                     | 0.069              | 0.059                | 0.5                                   | 1.887              | 1.650                | —                                     | 0.118              | 0.108                | —                                     | 0.149              | 0.124                |
| 7          | 14.4                                  | 0.636              | 1.047                | —                                     | 0.154              | 0.158                | 4.6                                   | 0.073              | 0.069                | 16.2                                  | 1.272              | 1.263                | —                                     | 0.110              | 0.108                | —                                     | 0.135              | 0.120                |
| 8          | —                                     | 1.294              | 2.610                | —                                     | 0.105              | 0.105                | —                                     | 0.076              | 0.072                | 0.3                                   | 2.377              | 3.143                | —                                     | 0.110              | 0.108                | 0.6                                   | 0.131              | 0.120                |
| 9          | —                                     | 0.936              | 1.631                | —                                     | 0.095              | 0.085                | —                                     | 0.055              | 0.052                | 16.0                                  | 1.958              | 2.120                | —                                     | 0.107              | 0.099                | 3.0                                   | 0.148              | 0.131                |
| 10         | —                                     | 0.497              | 0.667                | —                                     | 0.085              | 0.074                | —                                     | 0.049              | 0.049                | —                                     | 4.175              | 5.384                | —                                     | 0.099              | 0.081                | —                                     | 0.137              | 0.112                |
| 11         | 0.6                                   | 0.291              | 0.363                | —                                     | 0.074              | 0.075                | —                                     | 0.049              | 0.054                | —                                     | 2.030              | 1.879                | —                                     | 0.099              | 0.082                | 5.6                                   | 0.123              | 0.114                |
| 12         | —                                     | 0.209              | 0.233                | —                                     | 0.068              | 0.069                | 5.5                                   | 0.048              | 0.064                | —                                     | 0.881              | 0.755                | —                                     | 0.098              | 0.084                | 15.1                                  | 0.524              | 0.627                |
| 13         | —                                     | 0.158              | 0.159                | —                                     | 0.067              | 0.058                | 42.1                                  | 0.264              | 0.351                | —                                     | 0.530              | 0.452                | —                                     | 0.103              | 0.084                | —                                     | 0.298              | 0.289                |
| 14         | 13.7                                  | 0.130              | 0.121                | —                                     | 0.060              | 0.052                | 0.8                                   | 1.125              | 1.520                | —                                     | 0.408              | 0.335                | —                                     | 0.109              | 0.083                | 1.4                                   | 0.188              | 0.157                |
| 15         | 96.2                                  | 30.379             | 44.657               | 0.7                                   | 0.062              | 0.053                | —                                     | 0.219              | 0.304                | —                                     | 0.295              | 0.262                | —                                     | 0.105              | 0.082                | 0.2                                   | 0.166              | 0.143                |
| 16         | 2.5                                   | 23.895             | 23.623               | 5.1                                   | 0.063              | 0.054                | 0.2                                   | 0.116              | 0.149                | —                                     | 0.225              | 0.189                | 0.2                                   | 0.107              | 0.084                | —                                     | 0.146              | 0.125                |
| 17         | —                                     | 5.508              | 4.677                | —                                     | 0.081              | 0.077                | —                                     | 0.086              | 0.100                | —                                     | 0.199              | 0.168                | —                                     | 0.107              | 0.080                | —                                     | 0.135              | 0.114                |
| 18         | —                                     | 1.595              | 1.244                | —                                     | 0.067              | 0.056                | —                                     | 0.073              | 0.077                | —                                     | 0.186              | 0.151                | —                                     | 0.107              | 0.078                | 13.4                                  | 0.136              | 0.115                |
| 19         | —                                     | 0.661              | 0.512                | —                                     | 0.059              | 0.055                | —                                     | 0.069              | 0.067                | —                                     | 0.158              | 0.126                | —                                     | 0.110              | 0.078                | —                                     | 0.476              | 0.581                |
| 20         | —                                     | 0.382              | 0.283                | —                                     | 0.054              | 0.046                | 3.0                                   | 0.068              | 0.073                | —                                     | 0.142              | 0.104                | 6.8                                   | 0.109              | 0.079                | 0.3                                   | 0.218              | 0.273                |
| 21         | —                                     | 0.266              | 0.189                | —                                     | 0.056              | 0.047                | —                                     | 0.067              | 0.075                | —                                     | 0.137              | 0.108                | —                                     | 0.152              | 0.144                | 0.1                                   | 0.178              | 0.224                |
| 22         | —                                     | 0.207              | 0.137                | —                                     | 0.047              | 0.044                | 11.8                                  | 0.105              | 0.126                | —                                     | 0.138              | 0.108                | —                                     | 0.130              | 0.106                | —                                     | 0.158              | 0.186                |
| 23         | —                                     | 0.170              | 0.100                | —                                     | 0.046              | 0.040                | —                                     | 0.115              | 0.128                | 5.1                                   | 0.157              | 0.128                | —                                     | 0.123              | 0.096                | —                                     | 0.139              | 0.151                |
| 24         | —                                     | 0.154              | 0.082                | —                                     | 0.052              | 0.047                | 55.0                                  | 0.244              | 0.320                | 1.5                                   | 0.171              | 0.145                | —                                     | 0.123              | 0.090                | —                                     | 0.129              | 0.136                |
| 25         | —                                     | 0.129              | 0.071                | 2.9                                   | 0.054              | 0.049                | 8.2                                   | 6.761              | 14.136               | 2.0                                   | 0.163              | 0.134                | —                                     | 0.124              | 0.094                | —                                     | 0.123              | 0.126                |
| 26         | 0.0                                   | 0.111              | 0.066                | 6.4                                   | 0.064              | 0.059                | 2.9                                   | 2.724              | 3.763                | 0.6                                   | 0.152              | 0.121                | —                                     | 0.117              | 0.096                | 5.4                                   | 0.151              | 0.156                |
| 27         | —                                     | 0.105              | 0.068                | 40.0                                  | 0.505              | 0.584                | 0.1                                   | 0.808              | 1.040                | 0.5                                   | 0.133              | 0.114                | 3.8                                   | 0.141              | 0.120                | 0.0                                   | 0.153              | 0.163                |
| 28         | 22.8                                  | 0.202              | 0.187                | 12.8                                  | 0.673              | 0.801                | 1.0                                   | 0.423              | 0.556                | 4.5                                   | 0.148              | 0.134                | —                                     | 0.137              | 0.110                | —                                     | 0.135              | 0.144                |
| 29         | 1.5                                   | 0.215              | 0.165                | 12.3                                  | 1.070              | 1.955                | 11.1                                  | 0.331              | 0.462                | 0.5                                   | 0.144              | 0.129                | —                                     | 0.131              | 0.136                | —                                     | 0.129              | 0.134                |
| 30         | 27.5                                  | 0.391              | 0.390                | —                                     | 0.441              | 0.882                | 3.2                                   | 0.457              | 0.778                | —                                     | 0.130              | 0.117                | —                                     | 0.131              | 0.158                | —                                     | 0.123              | 0.125                |
| 31         | 4.4                                   | 1.073              | 1.788                | —                                     | 0.151              | 0.187                | —                                     | —                  | —                    | —                                     | 0.121              | 0.114                | —                                     | —                  | —                    | —                                     | 0.120              | 0.120                |
| 計<br>Total | 243.8                                 | 75.897             | 99.121               | 94.0                                  | 5.580              | 7.492                | 151.5                                 | 14.887             | 24.825               | 97.1                                  | 37.796             | 46.091               | 12.9                                  | 3.464              | 2.978                | 58.1                                  | 5.451              | 5.799                |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1969年                           |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |
|------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|
|            | 1月 Jan.                         |                        |                     | 2月 Feb.                         |                        |                     | 3月 Mar.                         |                        |                     | 4月 Apr.                         |                        |                     | 5月 May                          |                        |                     | 6月 June                         |                        |                     |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |
| 1          | —                               | 0.112                  | 0.115               | —                               | 5.369                  | 7.284               | —                               | 0.254                  | 0.302               | —                               | 1.098                  | 1.169               | —                               | 0.248                  | 0.286               | —                               | 0.157                  | 0.128               |
| 2          | —                               | 0.106                  | 0.111               | —                               | 1.607                  | 1.794               | —                               | 0.233                  | 0.282               | —                               | 0.650                  | 0.704               | —                               | 0.214                  | 0.220               | 4.6                             | 0.142                  | 0.107               |
| 3          | —                               | 0.110                  | 0.114               | —                               | 0.735                  | 0.819               | 0.6                             | 0.220                  | 0.264               | 1.0                             | 0.447                  | 0.518               | —                               | 0.194                  | 0.180               | 13.7                            | 0.449                  | 0.557               |
| 4          | —                               | 0.105                  | 0.110               | 12.2                            | 0.808                  | 1.011               | 2.7                             | 0.243                  | 0.282               | 7.1                             | 0.525                  | 0.601               | —                               | 0.184                  | 0.164               | —                               | 0.263                  | 0.339               |
| 5          | —                               | 0.104                  | 0.108               | —                               | 1.662                  | 2.378               | —                               | 0.233                  | 0.282               | —                               | 0.489                  | 0.644               | 7.2                             | 0.191                  | 0.160               | 27.0                            | 0.180                  | 0.192               |
| 6          | —                               | 0.104                  | 0.111               | —                               | 1.013                  | 1.336               | —                               | 0.208                  | 0.254               | 0.0                             | 0.376                  | 0.524               | —                               | 0.230                  | 0.198               | 18.6                            | 5.371                  | 11.186              |
| 7          | —                               | 0.110                  | 0.114               | —                               | 0.686                  | 0.824               | —                               | 0.196                  | 0.246               | —                               | 0.322                  | 0.446               | —                               | 0.178                  | 0.134               | —                               | 4.460                  | 5.921               |
| 8          | —                               | 0.110                  | 0.114               | —                               | 0.515                  | 0.618               | —                               | 0.192                  | 0.238               | 0.8                             | 0.290                  | 0.381               | —                               | 0.171                  | 0.126               | —                               | 1.268                  | 1.172               |
| 9          | —                               | 0.110                  | 0.114               | —                               | 0.403                  | 0.455               | —                               | 0.187                  | 0.230               | —                               | 0.277                  | 0.346               | —                               | 0.157                  | 0.115               | —                               | 0.549                  | 0.421               |
| 10         | 8.9                             | 0.109                  | 0.115               | —                               | 0.329                  | 0.380               | —                               | 0.178                  | 0.208               | —                               | 0.250                  | 0.311               | 3.0                             | 0.153                  | 0.111               | —                               | 0.347                  | 0.254               |
| 11         | 7.0                             | 0.206                  | 0.204               | 0.4                             | 0.284                  | 0.331               | 9.3                             | 0.161                  | 0.192               | —                               | 0.221                  | 0.276               | —                               | 0.179                  | 0.132               | 28.5                            | 0.284                  | 0.196               |
| 12         | 1.5                             | 0.351                  | 0.389               | —                               | 0.264                  | 0.278               | 6.3                             | 0.689                  | 1.135               | —                               | 0.202                  | 0.248               | 1.5                             | 0.158                  | 0.112               | 20.0                            | 6.339                  | 11.399              |
| 13         | —                               | 0.308                  | 0.351               | 1.8                             | 0.239                  | 0.248               | —                               | 0.789                  | 1.491               | —                               | 0.196                  | 0.234               | 0.4                             | 0.163                  | 0.117               | —                               | 6.129                  | 6.386               |
| 14         | —                               | 0.240                  | 0.242               | 4.5                             | 0.263                  | 0.307               | —                               | 0.615                  | 0.985               | 0.4                             | 0.196                  | 0.226               | —                               | 0.151                  | 0.108               | —                               | 1.823                  | 1.414               |
| 15         | —                               | 0.208                  | 0.190               | 1.9                             | 0.220                  | 0.272               | 0.1                             | 0.537                  | 0.730               | 3.8                             | 0.208                  | 0.229               | 7.9                             | 0.142                  | 0.102               | —                               | 0.741                  | 0.511               |
| 16         | —                               | 0.178                  | 0.164               | 8.2                             | 0.370                  | 0.555               | 0.4                             | 0.483                  | 0.599               | 48.2                            | 2.179                  | 4.215               | 27.0                            | 0.579                  | 0.649               | 0.4                             | 0.483                  | 0.323               |
| 17         | —                               | 0.161                  | 0.156               | 8.8                             | 0.601                  | 1.208               | 1.1                             | 0.418                  | 0.494               | —                               | 11.642                 | 18.058              | 1.0                             | 0.568                  | 0.814               | 23.8                            | 1.110                  | 1.521               |
| 18         | 3.0                             | 0.150                  | 0.142               | 5.6                             | 1.597                  | 2.912               | 1.6                             | 0.306                  | 0.375               | —                               | 3.415                  | 3.179               | 7.4                             | 0.302                  | 0.388               | 0.2                             | 1.494                  | 2.593               |
| 19         | —                               | 0.167                  | 0.158               | 1.0                             | 2.150                  | 2.971               | 2.0                             | 0.308                  | 0.383               | —                               | 1.289                  | 1.211               | —                               | 0.319                  | 0.388               | 5.0                             | 0.922                  | 1.092               |
| 20         | 0.9                             | 0.152                  | 0.138               | 0.0                             | 1.882                  | 2.140               | 9.0                             | 0.324                  | 0.390               | —                               | 0.713                  | 0.702               | —                               | 0.193                  | 0.200               | —                               | 0.702                  | 0.835               |
| 21         | 3.0                             | 0.184                  | 0.180               | —                               | 1.189                  | 1.189               | —                               | 0.677                  | 1.072               | 3.5                             | 0.557                  | 0.534               | —                               | 0.156                  | 0.146               | 0.1                             | 0.521                  | 0.548               |
| 22         | —                               | 0.162                  | 0.176               | —                               | 0.753                  | 0.777               | —                               | 0.566                  | 0.929               | —                               | 0.471                  | 0.452               | —                               | 0.149                  | 0.118               | 0.0                             | 0.435                  | 0.428               |
| 23         | —                               | 0.143                  | 0.164               | 2.9                             | 0.517                  | 0.570               | —                               | 0.484                  | 0.678               | —                               | 0.354                  | 0.354               | —                               | 0.141                  | 0.108               | 10.2                            | 0.453                  | 0.400               |
| 24         | —                               | 0.131                  | 0.146               | —                               | 0.464                  | 0.514               | —                               | 0.380                  | 0.503               | —                               | 0.302                  | 0.305               | 38.7                            | 0.450                  | 0.564               | —                               | 0.436                  | 0.387               |
| 25         | 19.3                            | 0.725                  | 1.030               | —                               | 0.366                  | 0.414               | —                               | 0.332                  | 0.406               | 14.8                            | 0.536                  | 0.611               | —                               | 1.792                  | 4.056               | 46.5                            | 8.800                  | 12.753              |
| 26         | 3.1                             | 1.239                  | 2.245               | 1.1                             | 0.294                  | 0.350               | —                               | 0.314                  | 0.366               | 0.6                             | 0.532                  | 1.054               | 0.1                             | 0.529                  | 1.037               | 0.7                             | 13.025                 | 12.427              |
| 27         | —                               | 0.648                  | 1.061               | 1.0                             | 0.302                  | 0.355               | —                               | 0.282                  | 0.315               | 3.3                             | 0.436                  | 0.729               | 5.4                             | 0.349                  | 0.451               | —                               | 3.054                  | 2.285               |
| 28         | 5.9                             | 0.471                  | 0.709               | —                               | 0.296                  | 0.349               | —                               | 0.246                  | 0.276               | —                               | 0.366                  | 0.579               | —                               | 0.276                  | 0.348               | 4.5                             | 1.192                  | 0.802               |
| 29         | 0.1                             | 0.558                  | 0.690               | —                               | —                      | —                   | 27.0                            | 0.353                  | 0.441               | 0.4                             | 0.310                  | 0.443               | —                               | 0.201                  | 0.220               | 100.5                           | 47.616                 | 55.473              |
| 30         | 3.5                             | 0.531                  | 0.686               | —                               | —                      | —                   | —                               | 3.080                  | 6.665               | —                               | 0.288                  | 0.379               | 5.9                             | 0.199                  | 0.197               | 10.2                            | 19.864                 | 21.298              |
| 31         | 28.3                            | 3.874                  | 7.034               | —                               | —                      | —                   | —                               | 1.953                  | 2.523               | —                               | —                      | —                   | —                               | 0.205                  | 0.177               | —                               | —                      | —                   |
| 計<br>Total | 84.5                            | 11.867                 | 17.381              | 49.4                            | 25.178                 | 32.639              | 60.1                            | 15.441                 | 23.536              | 83.9                            | 29.137                 | 39.667              | 105.5                           | 9.121                  | 12.126              | 314.5                           | 128.609                | 153.348             |

| 項目<br>Item | 1 9 6 9 年                             |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |
|------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|
|            | 7 月 July                              |                            |                     | 8 月 Aug.                              |                            |                     | 9 月 Sep.                              |                            |                     | 10 月 Oct.                             |                            |                     | 11 月 Nov.                             |                            |                     | 12 月 Dec.                             |                            |                     |
|            | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     | 降水量<br>Precipitation                  |                            | 流 出 量<br>Runoff     |
|            | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |
| 1          | 58.2                                  | 29.774                     | 35.471              | 0.7                                   | 0.519                      | 0.317               | 1.4                                   | 0.224                      | 0.096               | 1.5                                   | 0.400                      | 0.368               | —                                     | 0.153                      | 0.149               | —                                     | 0.170                      | 0.190               |
| 2          | —                                     | 29.795                     | 24.009              | —                                     | 0.397                      | 0.210               | —                                     | 0.225                      | 0.116               | —                                     | 0.177                      | 0.125               | —                                     | 0.151                      | 0.146               | —                                     | 0.154                      | 0.171               |
| 3          | 4.0                                   | 5.270                      | 4.002               | 0.4                                   | 0.343                      | 0.178               | —                                     | 0.209                      | 0.098               | —                                     | 0.156                      | 0.102               | —                                     | 0.148                      | 0.133               | —                                     | 0.142                      | 0.164               |
| 4          | 33.1                                  | 2.705                      | 2.269               | 17.4                                  | 0.604                      | 0.397               | —                                     | 0.196                      | 0.090               | —                                     | 0.149                      | 0.092               | —                                     | 0.148                      | 0.135               | —                                     | 0.138                      | 0.156               |
| 5          | —                                     | 15.090                     | 17.477              | —                                     | 0.436                      | 0.266               | —                                     | 0.185                      | 0.095               | —                                     | 0.139                      | 0.091               | —                                     | 0.144                      | 0.128               | —                                     | 0.131                      | 0.153               |
| 6          | 14.8                                  | 5.979                      | 4.894               | —                                     | 0.335                      | 0.182               | 0.6                                   | 0.178                      | 0.085               | —                                     | 0.133                      | 0.093               | —                                     | 0.144                      | 0.124               | 4.0                                   | 0.125                      | 0.153               |
| 7          | 96.8                                  | 8.080                      | 10.375              | —                                     | 0.321                      | 0.171               | 0.5                                   | 0.173                      | 0.097               | —                                     | 0.131                      | 0.089               | 6.9                                   | 0.181                      | 0.183               | 14.3                                  | 0.386                      | 0.465               |
| 8          | 34.8                                  | 95.732                     | 100.430             | —                                     | 0.312                      | 0.162               | —                                     | 0.147                      | 0.081               | 17.8                                  | 0.317                      | 0.300               | —                                     | 0.169                      | 0.209               | —                                     | 0.248                      | 0.284               |
| 9          | 0.7                                   | 18.328                     | 14.623              | —                                     | 0.299                      | 0.152               | 3.5                                   | 0.144                      | 0.056               | —                                     | 0.195                      | 0.147               | 0.0                                   | 0.150                      | 0.160               | —                                     | 0.161                      | 0.180               |
| 10         | 5.7                                   | 4.576                      | 3.571               | —                                     | 0.279                      | 0.142               | 29.0                                  | 0.538                      | 0.519               | —                                     | 0.151                      | 0.106               | —                                     | 0.150                      | 0.149               | —                                     | 0.146                      | 0.153               |
| 11         | —                                     | 2.317                      | 1.874               | —                                     | 0.270                      | 0.132               | —                                     | 0.223                      | 0.149               | —                                     | 0.149                      | 0.094               | —                                     | 0.151                      | 0.148               | —                                     | 0.146                      | 0.142               |
| 12         | 4.9                                   | 1.497                      | 1.277               | —                                     | 0.258                      | 0.121               | —                                     | 0.178                      | 0.106               | —                                     | 0.139                      | 0.095               | —                                     | 0.142                      | 0.147               | 0.1                                   | 0.142                      | 0.132               |
| 13         | 1.7                                   | 1.183                      | 1.077               | —                                     | 0.246                      | 0.116               | 0.5                                   | 0.172                      | 0.102               | —                                     | 0.137                      | 0.101               | —                                     | 0.142                      | 0.147               | —                                     | 0.136                      | 0.128               |
| 14         | —                                     | 0.863                      | 0.708               | —                                     | 0.245                      | 0.116               | —                                     | 0.170                      | 0.104               | —                                     | 0.132                      | 0.101               | 2.1                                   | 0.135                      | 0.144               | —                                     | 0.131                      | 0.124               |
| 15         | —                                     | 0.660                      | 0.445               | —                                     | 0.249                      | 0.116               | —                                     | 0.174                      | 0.105               | 0.5                                   | 0.127                      | 0.099               | 9.0                                   | 0.206                      | 0.234               | —                                     | 0.136                      | 0.120               |
| 16         | —                                     | 0.560                      | 0.329               | —                                     | 0.236                      | 0.107               | —                                     | 0.166                      | 0.097               | —                                     | 0.133                      | 0.091               | 7.6                                   | 0.162                      | 0.175               | —                                     | 0.131                      | 0.120               |
| 17         | —                                     | 0.508                      | 0.284               | —                                     | 0.224                      | 0.095               | —                                     | 0.156                      | 0.088               | —                                     | 0.127                      | 0.101               | 0.2                                   | 0.225                      | 0.252               | —                                     | 0.123                      | 0.117               |
| 18         | —                                     | 0.467                      | 0.248               | —                                     | 0.220                      | 0.094               | —                                     | 0.146                      | 0.083               | —                                     | 0.125                      | 0.098               | —                                     | 0.144                      | 0.166               | —                                     | 0.123                      | 0.112               |
| 19         | —                                     | 0.426                      | 0.222               | —                                     | 0.215                      | 0.097               | —                                     | 0.146                      | 0.085               | —                                     | 0.122                      | 0.099               | —                                     | 0.131                      | 0.146               | —                                     | 0.123                      | 0.112               |
| 20         | —                                     | 0.409                      | 0.208               | —                                     | 0.219                      | 0.098               | —                                     | 0.141                      | 0.086               | 0.2                                   | 0.132                      | 0.093               | 10.0                                  | 0.213                      | 0.236               | —                                     | 0.123                      | 0.112               |
| 21         | —                                     | 0.406                      | 0.200               | —                                     | 0.214                      | 0.094               | —                                     | 0.136                      | 0.088               | 0.0                                   | 0.113                      | 0.093               | —                                     | 0.201                      | 0.178               | —                                     | 0.123                      | 0.105               |
| 22         | 0.0                                   | 0.393                      | 0.198               | 28.0                                  | 0.231                      | 0.113               | —                                     | 0.129                      | 0.081               | —                                     | 0.120                      | 0.092               | —                                     | 0.155                      | 0.142               | —                                     | 0.130                      | 0.105               |
| 23         | —                                     | 0.394                      | 0.212               | 3.0                                   | 0.554                      | 0.405               | 1.4                                   | 0.147                      | 0.093               | —                                     | 0.121                      | 0.092               | —                                     | 0.138                      | 0.128               | —                                     | 0.131                      | 0.105               |
| 24         | —                                     | 0.385                      | 0.200               | —                                     | 0.259                      | 0.137               | 1.5                                   | 0.152                      | 0.107               | 11.4                                  | 0.122                      | 0.093               | —                                     | 0.134                      | 0.123               | —                                     | 0.130                      | 0.104               |
| 25         | —                                     | 0.370                      | 0.188               | 4.9                                   | 0.269                      | 0.139               | 1.0                                   | 0.156                      | 0.102               | 4.0                                   | 0.339                      | 0.303               | —                                     | 0.122                      | 0.120               | 4.8                                   | 0.123                      | 0.098               |
| 26         | —                                     | 0.361                      | 0.178               | —                                     | 0.301                      | 0.174               | —                                     | 0.165                      | 0.100               | —                                     | 0.206                      | 0.217               | —                                     | 0.116                      | 0.112               | 0.8                                   | 0.161                      | 0.135               |
| 27         | —                                     | 0.343                      | 0.171               | —                                     | 0.268                      | 0.147               | —                                     | 0.147                      | 0.083               | 0.3                                   | 0.178                      | 0.187               | —                                     | 0.123                      | 0.112               | —                                     | 0.133                      | 0.107               |
| 28         | —                                     | 0.327                      | 0.162               | —                                     | 0.238                      | 0.132               | —                                     | 0.136                      | 0.078               | —                                     | 0.190                      | 0.187               | —                                     | 0.127                      | 0.112               | —                                     | 0.120                      | 0.098               |
| 29         | —                                     | 0.325                      | 0.153               | —                                     | 0.218                      | 0.118               | —                                     | 0.118                      | 0.065               | —                                     | 0.172                      | 0.179               | 11.5                                  | 0.131                      | 0.112               | —                                     | 0.117                      | 0.098               |
| 30         | —                                     | 0.310                      | 0.146               | —                                     | 0.219                      | 0.112               | 25.0                                  | 0.149                      | 0.105               | —                                     | 0.165                      | 0.168               | 0.2                                   | 0.259                      | 0.276               | —                                     | 0.117                      | 0.098               |
| 31         | 22.0                                  | 0.526                      | 0.319               | —                                     | 0.217                      | 0.104               | —                                     | —                          | —                   | —                                     | 0.161                      | 0.159               | —                                     | —                          | —                   | —                                     | 0.117                      | 0.098               |
| 計<br>Total | 276.7                                 | 228.359                    | 225.920             | 54.4                                  | 9.215                      | 4.944               | 64.4                                  | 5.326                      | 3.250               | 35.7                                  | 5.158                      | 4.255               | 47.5                                  | 4.695                      | 4.726               | 24.0                                  | 4.517                      | 4.439               |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1970年                                |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
|------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|
|            | 1月 Jan.                              |                            |                     | 2月 Feb.                              |                            |                     | 3月 Mar.                              |                            |                     | 4月 Apr.                              |                            |                     | 5月 May                               |                            |                     | 6月 June                              |                            |                     |
|            | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       |
|            | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
| 1          | —                                    | 0.111                      | 0.098               | —                                    | 0.124                      | 0.130               | —                                    | 0.135                      | 0.126               | —                                    | 0.107                      | 0.136               | —                                    | 0.179                      | 0.195               | —                                    | 0.673                      | 0.805               |
| 2          | —                                    | 0.110                      | 0.093               | —                                    | 0.112                      | 0.102               | 0.2                                  | 0.117                      | 0.113               | 15.8                                 | 0.106                      | 0.140               | 10.6                                 | 0.179                      | 0.185               | —                                    | 0.233                      | 0.287               |
| 3          | —                                    | 0.110                      | 0.092               | —                                    | 0.110                      | 0.098               | 16.8                                 | 0.114                      | 0.110               | 7.7                                  | 0.570                      | 0.749               | 11.5                                 | 0.779                      | 1.530               | —                                    | 0.162                      | 0.158               |
| 4          | —                                    | 0.110                      | 0.092               | —                                    | 0.110                      | 0.098               | —                                    | 0.778                      | 1.143               | —                                    | 0.392                      | 0.636               | 1.0                                  | 0.851                      | 2.279               | 3.8                                  | 0.161                      | 0.130               |
| 5          | —                                    | 0.110                      | 0.092               | —                                    | 0.110                      | 0.098               | —                                    | 0.260                      | 0.356               | —                                    | 0.214                      | 0.275               | 15.8                                 | 0.542                      | 1.069               | 3.0                                  | 0.152                      | 0.132               |
| 6          | —                                    | 0.112                      | 0.092               | —                                    | 0.110                      | 0.094               | —                                    | 0.173                      | 0.177               | —                                    | 0.174                      | 0.181               | 31.2                                 | 4.677                      | 10.272              | —                                    | 0.134                      | 0.123               |
| 7          | —                                    | 0.117                      | 0.092               | 2.5                                  | 0.110                      | 0.092               | —                                    | 0.137                      | 0.133               | 0.5                                  | 0.161                      | 0.149               | 5.4                                  | 13.817                     | 18.798              | —                                    | 0.107                      | 0.094               |
| 8          | —                                    | 0.117                      | 0.092               | 0.6                                  | 0.116                      | 0.107               | —                                    | 0.124                      | 0.109               | —                                    | 0.154                      | 0.125               | —                                    | 5.801                      | 5.246               | —                                    | 0.092                      | 0.076               |
| 9          | —                                    | 0.117                      | 0.092               | —                                    | 0.105                      | 0.104               | 7.0                                  | 0.145                      | 0.123               | 2.6                                  | 0.159                      | 0.105               | —                                    | 1.933                      | 1.672               | 2.2                                  | 0.090                      | 0.071               |
| 10         | —                                    | 0.117                      | 0.087               | —                                    | 0.097                      | 0.091               | 1.2                                  | 0.184                      | 0.157               | 44.8                                 | 0.728                      | 1.308               | 26.0                                 | 0.912                      | 0.784               | 21.1                                 | 0.117                      | 0.094               |
| 11         | —                                    | 0.117                      | 0.085               | —                                    | 0.097                      | 0.087               | —                                    | 0.147                      | 0.118               | 11.0                                 | 5.361                      | 13.305              | 0.5                                  | 4.517                      | 7.719               | 3.1                                  | 0.547                      | 0.744               |
| 12         | —                                    | 0.117                      | 0.085               | —                                    | 0.097                      | 0.085               | —                                    | 0.138                      | 0.093               | —                                    | 1.471                      | 3.784               | —                                    | 3.081                      | 3.138               | —                                    | 0.345                      | 0.590               |
| 13         | —                                    | 0.117                      | 0.085               | —                                    | 0.094                      | 0.085               | 2.2                                  | 0.134                      | 0.100               | —                                    | 0.418                      | 0.821               | —                                    | 1.214                      | 0.993               | 3.4                                  | 0.224                      | 0.343               |
| 14         | —                                    | 0.119                      | 0.085               | —                                    | 0.091                      | 0.082               | —                                    | 0.124                      | 0.098               | —                                    | 0.238                      | 0.372               | —                                    | 0.610                      | 0.484               | 82.0                                 | 3.786                      | 8.589               |
| 15         | —                                    | 0.110                      | 0.080               | 0.0                                  | 0.091                      | 0.079               | 9.0                                  | 0.118                      | 0.109               | —                                    | 0.184                      | 0.246               | —                                    | 0.353                      | 0.292               | 55.8                                 | 48.306                     | 63.826              |
| 16         | —                                    | 0.110                      | 0.083               | —                                    | 0.091                      | 0.076               | —                                    | 0.222                      | 0.331               | 0.6                                  | 0.162                      | 0.189               | —                                    | 0.269                      | 0.210               | 5.2                                  | 33.167                     | 30.028              |
| 17         | —                                    | 0.110                      | 0.085               | —                                    | 0.091                      | 0.070               | —                                    | 0.171                      | 0.284               | 56.0                                 | 1.866                      | 4.184               | —                                    | 0.217                      | 0.165               | —                                    | 8.635                      | 7.331               |
| 18         | —                                    | 0.110                      | 0.085               | —                                    | 0.088                      | 0.070               | 0.5                                  | 0.139                      | 0.206               | 0.8                                  | 10.541                     | 22.842              | —                                    | 0.176                      | 0.129               | 35.0                                 | 3.538                      | 3.387               |
| 19         | —                                    | 0.110                      | 0.085               | —                                    | 0.087                      | 0.068               | —                                    | 0.129                      | 0.175               | 0.2                                  | 2.303                      | 3.128               | 1.6                                  | 0.158                      | 0.113               | 9.4                                  | 18.879                     | 22.970              |
| 20         | —                                    | 0.110                      | 0.081               | 11.0                                 | 0.092                      | 0.068               | —                                    | 0.117                      | 0.148               | 12.3                                 | 1.134                      | 1.902               | 10.2                                 | 0.254                      | 0.202               | 1.7                                  | 10.167                     | 9.064               |
| 21         | —                                    | 0.110                      | 0.079               | —                                    | 0.202                      | 0.183               | —                                    | 0.113                      | 0.144               | —                                    | 1.566                      | 3.054               | —                                    | 0.193                      | 0.155               | 3.8                                  | 4.107                      | 3.166               |
| 22         | —                                    | 0.110                      | 0.079               | —                                    | 0.116                      | 0.089               | 1.8                                  | 0.118                      | 0.143               | —                                    | 0.735                      | 1.131               | —                                    | 0.141                      | 0.107               | 1.1                                  | 1.972                      | 1.552               |
| 23         | —                                    | 0.104                      | 0.079               | —                                    | 0.104                      | 0.081               | —                                    | 0.111                      | 0.136               | —                                    | 0.406                      | 0.577               | —                                    | 0.128                      | 0.092               | —                                    | 1.248                      | 1.080               |
| 24         | —                                    | 0.104                      | 0.079               | 23.1                                 | 0.150                      | 0.143               | —                                    | 0.103                      | 0.134               | 37.0                                 | 0.281                      | 0.380               | —                                    | 0.124                      | 0.089               | 10.1                                 | 0.898                      | 0.762               |
| 25         | —                                    | 0.104                      | 0.079               | 1.0                                  | 0.881                      | 1.126               | —                                    | 0.111                      | 0.155               | —                                    | 8.104                      | 15.840              | 13.2                                 | 0.124                      | 0.085               | 41.5                                 | 12.880                     | 18.466              |
| 26         | —                                    | 0.104                      | 0.079               | 5.8                                  | 0.359                      | 0.422               | —                                    | 0.122                      | 0.156               | —                                    | 3.059                      | 3.339               | —                                    | 0.263                      | 0.231               | —                                    | 18.702                     | 15.866              |
| 27         | —                                    | 0.104                      | 0.079               | 0.4                                  | 0.274                      | 0.317               | —                                    | 0.123                      | 0.153               | —                                    | 1.018                      | 1.134               | —                                    | 0.143                      | 0.107               | —                                    | 4.327                      | 3.238               |
| 28         | —                                    | 0.104                      | 0.079               | —                                    | 0.175                      | 0.176               | —                                    | 0.120                      | 0.144               | —                                    | 0.557                      | 0.613               | —                                    | 0.117                      | 0.081               | —                                    | 1.779                      | 1.237               |
| 29         | 0.2                                  | 0.104                      | 0.079               | —                                    | —                          | —                   | —                                    | 0.110                      | 0.143               | —                                    | 0.351                      | 0.394               | —                                    | 0.103                      | 0.071               | 36.0                                 | 0.993                      | 0.631               |
| 30         | 30.0                                 | 0.437                      | 0.513               | —                                    | —                          | —                   | —                                    | 0.111                      | 0.142               | —                                    | 0.240                      | 0.264               | —                                    | 0.094                      | 0.069               | 22.1                                 | 18.949                     | 24.260              |
| 31         | —                                    | 0.352                      | 0.429               | —                                    | —                          | —                   | —                                    | 0.110                      | 0.136               | —                                    | —                          | —                   | 26.5                                 | 0.223                      | 0.210               | —                                    | —                          | —                   |
| 計<br>Total | 30.2                                 | 3.988                      | 3.414               | 44.4                                 | 4.284                      | 4.321               | 38.7                                 | 4.858                      | 5.800               | 189.3                                | 42.760                     | 81.313              | 153.5                                | 42.172                     | 56.773              | 340.3                                | 195.375                    | 219.100             |

| 項目<br>Item |       | 1 9 7 0 年                             |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |
|------------|-------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|
|            |       | 7 月 July                              |                            |                     | 8 月 Aug.                              |                            |                     | 9 月 Sep.                              |                            |                     | 10 月 Oct.                             |                            |                     | 11 月 Nov.                             |                            |                     | 12 月 Dec.                             |                            |                     |
|            |       | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     |
|            |       | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |       |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |
| 1          | 0.3   | 11.223                                | 10.185                     | —                   | 0.324                                 | 0.156                      | —                   | 0.352                                 | 0.254                      | —                   | 0.252                                 | 0.230                      | —                   | 0.266                                 | 0.181                      | —                   | 0.328                                 | 0.346                      |                     |
| 2          | —     | 4.050                                 | 3.235                      | 56.2                | 3.141                                 | 4.808                      | —                   | 0.320                                 | 0.234                      | —                   | 0.231                                 | 0.211                      | —                   | 0.247                                 | 0.177                      | 5.8                 | 0.362                                 | 0.370                      |                     |
| 3          | 20.5  | 1.776                                 | 1.212                      | —                   | 2.869                                 | 3.180                      | 23.5                | 0.538                                 | 0.660                      | —                   | 0.223                                 | 0.211                      | —                   | 0.225                                 | 0.170                      | —                   | 0.332                                 | 0.378                      |                     |
| 4          | 7.0   | 3.341                                 | 4.205                      | —                   | 0.889                                 | 0.564                      | —                   | 0.402                                 | 0.392                      | 16.4                | 0.275                                 | 0.253                      | —                   | 0.224                                 | 0.162                      | —                   | 0.285                                 | 0.317                      |                     |
| 5          | 28.0  | 5.825                                 | 7.126                      | —                   | 0.562                                 | 0.305                      | —                   | 0.333                                 | 0.294                      | —                   | 0.448                                 | 0.464                      | —                   | 0.212                                 | 0.162                      | —                   | 0.260                                 | 0.280                      |                     |
| 6          | 0.3   | 14.155                                | 15.737                     | —                   | 0.460                                 | 0.230                      | —                   | 0.302                                 | 0.274                      | —                   | 0.275                                 | 0.268                      | —                   | 0.214                                 | 0.162                      | —                   | 0.246                                 | 0.264                      |                     |
| 7          | 5.2   | 4.293                                 | 3.393                      | 3.2                 | 0.434                                 | 0.210                      | —                   | 0.284                                 | 0.256                      | —                   | 0.238                                 | 0.236                      | —                   | 0.204                                 | 0.158                      | —                   | 0.246                                 | 0.252                      |                     |
| 8          | 17.5  | 2.813                                 | 3.260                      | —                   | 0.436                                 | 0.228                      | —                   | 0.278                                 | 0.232                      | —                   | 0.225                                 | 0.218                      | —                   | 0.196                                 | 0.153                      | —                   | 0.233                                 | 0.228                      |                     |
| 9          | 14.6  | 7.133                                 | 8.888                      | —                   | 0.393                                 | 0.206                      | —                   | 0.278                                 | 0.220                      | 0.6                 | 0.220                                 | 0.211                      | —                   | 0.206                                 | 0.153                      | —                   | 0.225                                 | 0.199                      |                     |
| 10         | 1.8   | 9.121                                 | 10.064                     | —                   | 0.366                                 | 0.176                      | 1.5                 | 0.278                                 | 0.211                      | 28.0                | 0.257                                 | 0.249                      | 4.1                 | 0.232                                 | 0.178                      | —                   | 0.220                                 | 0.191                      |                     |
| 11         | 2.8   | 3.766                                 | 3.225                      | —                   | 0.343                                 | 0.165                      | —                   | 0.285                                 | 0.226                      | 0.1                 | 1.821                                 | 3.033                      | —                   | 0.224                                 | 0.159                      | —                   | 0.212                                 | 0.191                      |                     |
| 12         | 28.8  | 1.926                                 | 1.664                      | 6.7                 | 0.390                                 | 0.213                      | —                   | 0.263                                 | 0.204                      | 60.2                | 3.204                                 | 5.530                      | —                   | 0.210                                 | 0.144                      | 10.0                | 0.227                                 | 0.222                      |                     |
| 13         | —     | 9.938                                 | 12.605                     | —                   | 0.359                                 | 0.208                      | —                   | 0.252                                 | 0.206                      | 7.5                 | 19.531                                | 27.172                     | 0.6                 | 0.214                                 | 0.144                      | —                   | 0.368                                 | 0.429                      |                     |
| 14         | 9.0   | 6.584                                 | 5.355                      | 35.0                | 0.724                                 | 0.624                      | 2.4                 | 0.239                                 | 0.202                      | —                   | 6.790                                 | 6.640                      | 3.0                 | 0.235                                 | 0.166                      | —                   | 0.260                                 | 0.293                      |                     |
| 15         | 7.0   | 2.847                                 | 2.600                      | 17.0                | 2.331                                 | 3.933                      | 1.5                 | 0.265                                 | 0.224                      | 0.2                 | 2.329                                 | 1.969                      | —                   | 0.227                                 | 0.159                      | —                   | 0.250                                 | 0.258                      |                     |
| 16         | 2.4   | 1.974                                 | 1.986                      | —                   | 0.943                                 | 1.444                      | —                   | 0.264                                 | 0.202                      | 11.1                | 1.134                                 | 0.903                      | —                   | 0.202                                 | 0.144                      | 0.1                 | 0.221                                 | 0.228                      |                     |
| 17         | —     | 1.876                                 | 1.847                      | —                   | 0.507                                 | 0.515                      | 14.1                | 0.246                                 | 0.184                      | 0.2                 | 1.200                                 | 1.294                      | —                   | 0.196                                 | 0.144                      | —                   | 0.215                                 | 0.222                      |                     |
| 18         | 0.4   | 1.442                                 | 1.058                      | 1.5                 | 0.425                                 | 0.374                      | 18.1                | 0.612                                 | 0.547                      | —                   | 1.037                                 | 1.280                      | 2.6                 | 0.196                                 | 0.145                      | —                   | 0.211                                 | 0.211                      |                     |
| 19         | —     | 1.014                                 | 0.627                      | —                   | 0.378                                 | 0.339                      | 0.2                 | 0.509                                 | 0.429                      | —                   | 0.696                                 | 0.701                      | 33.2                | 0.885                                 | 1.121                      | —                   | 0.194                                 | 0.191                      |                     |
| 20         | —     | 0.754                                 | 0.421                      | 7.1                 | 0.339                                 | 0.290                      | 0.3                 | 0.318                                 | 0.258                      | —                   | 0.492                                 | 0.454                      | —                   | 1.058                                 | 1.749                      | —                   | 0.187                                 | 0.191                      |                     |
| 21         | —     | 0.594                                 | 0.323                      | 87.4                | 23.499                                | 34.360                     | —                   | 0.269                                 | 0.218                      | —                   | 0.398                                 | 0.334                      | —                   | 0.375                                 | 0.435                      | 0.3                 | 0.187                                 | 0.191                      |                     |
| 22         | —     | 0.503                                 | 0.250                      | —                   | 15.954                                | 13.816                     | 24.2                | 0.660                                 | 0.691                      | —                   | 0.362                                 | 0.284                      | —                   | 0.297                                 | 0.285                      | 6.6                 | 0.224                                 | 0.245                      |                     |
| 23         | —     | 0.443                                 | 0.213                      | —                   | 2.852                                 | 2.179                      | 17.4                | 2.089                                 | 3.731                      | —                   | 0.341                                 | 0.258                      | —                   | 0.266                                 | 0.224                      | —                   | 0.238                                 | 0.256                      |                     |
| 24         | —     | 0.420                                 | 0.196                      | —                   | 1.113                                 | 0.854                      | —                   | 0.799                                 | 1.733                      | —                   | 0.322                                 | 0.242                      | —                   | 0.256                                 | 0.204                      | —                   | 0.212                                 | 0.232                      |                     |
| 25         | —     | 0.403                                 | 0.189                      | —                   | 0.711                                 | 0.539                      | 7.3                 | 0.436                                 | 0.525                      | 10.4                | 0.326                                 | 0.234                      | 15.9                | 0.256                                 | 0.193                      | —                   | 0.194                                 | 0.218                      |                     |
| 26         | —     | 0.388                                 | 0.184                      | —                   | 0.578                                 | 0.424                      | —                   | 0.485                                 | 0.581                      | —                   | 0.479                                 | 0.386                      | 11.7                | 0.763                                 | 1.132                      | —                   | 0.183                                 | 0.202                      |                     |
| 27         | —     | 0.364                                 | 0.173                      | —                   | 0.506                                 | 0.347                      | —                   | 0.329                                 | 0.384                      | —                   | 0.320                                 | 0.236                      | 0.2                 | 1.444                                 | 2.859                      | 0.0                 | 0.178                                 | 0.201                      |                     |
| 28         | —     | 0.357                                 | 0.170                      | —                   | 0.441                                 | 0.307                      | 0.6                 | 0.286                                 | 0.299                      | —                   | 0.289                                 | 0.211                      | —                   | 0.729                                 | 1.293                      | —                   | 0.178                                 | 0.201                      |                     |
| 29         | —     | 0.346                                 | 0.162                      | —                   | 0.410                                 | 0.282                      | 0.4                 | 0.286                                 | 0.276                      | —                   | 0.272                                 | 0.188                      | —                   | 0.463                                 | 0.617                      | —                   | 0.178                                 | 0.196                      |                     |
| 30         | —     | 0.335                                 | 0.154                      | —                   | 0.387                                 | 0.272                      | —                   | 0.279                                 | 0.256                      | —                   | 0.272                                 | 0.181                      | —                   | 0.376                                 | 0.429                      | 10.2                | 0.181                                 | 0.195                      |                     |
| 31         | —     | 0.331                                 | 0.154                      | —                   | 0.374                                 | 0.264                      | —                   | —                                     | —                          | —                   | 0.267                                 | 0.181                      | —                   | —                                     | —                          | —                   | 0.366                                 | 0.443                      |                     |
| 計<br>Total | 145.6 | 100.335                               | 100.866                    | 214.1               | 63.438                                | 71.812                     | 111.5               | 12.536                                | 14.403                     | 134.7               | 44.526                                | 54.267                     | 71.3                | 11.108                                | 13.402                     | 33.0                | 7.406                                 | 7.841                      |                     |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 7 1 年                            |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
|------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------|----------------------------|---------------------|
|            | 1 月 Jan.                             |                            |                     | 2 月 Feb.                             |                            |                     | 3 月 Mar.                             |                            |                     | 4 月 Apr.                             |                            |                     | 5 月 May                              |                            |                     | 6 月 June                             |                            |                     |
|            | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       | 降水量<br>Precipitation                 |                            | 流出量<br>Runoff       |
|            | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |                                      |                            |                     |
| 1          | —                                    | 0.259                      | 0.315               | —                                    | 0.165                      | 0.181               | —                                    | 0.180                      | 0.282               | —                                    | 1.840                      | 4.114               | —                                    | 0.306                      | 0.560               | —                                    | 0.310                      | 0.359               |
| 2          | —                                    | 0.231                      | 0.250               | —                                    | 0.162                      | 0.178               | 11.8                                 | 0.189                      | 0.301               | —                                    | 0.997                      | 2.005               | —                                    | 0.250                      | 0.404               | 8.2                                  | 0.232                      | 0.256               |
| 3          | 0.6                                  | 0.218                      | 0.220               | 0.7                                  | 0.160                      | 0.171               | —                                    | 0.474                      | 1.079               | —                                    | 0.571                      | 1.045               | 6.4                                  | 0.219                      | 0.321               | 7.3                                  | 0.292                      | 0.318               |
| 4          | 0.7                                  | 0.214                      | 0.206               | —                                    | 0.162                      | 0.171               | —                                    | 0.364                      | 0.886               | —                                    | 0.395                      | 0.697               | 5.8                                  | 0.374                      | 0.551               | 15.2                                 | 1.690                      | 3.542               |
| 5          | 0.5                                  | 0.227                      | 0.196               | 0.1                                  | 0.159                      | 0.168               | —                                    | 0.291                      | 0.595               | 10.5                                 | 0.308                      | 0.524               | —                                    | 0.306                      | 0.495               | 26.0                                 | 2.153                      | 3.839               |
| 6          | —                                    | 0.203                      | 0.202               | —                                    | 0.154                      | 0.158               | —                                    | 0.239                      | 0.452               | —                                    | 0.490                      | 0.973               | 0.3                                  | 0.262                      | 0.381               | —                                    | 8.928                      | 13.879              |
| 7          | —                                    | 0.241                      | 0.250               | —                                    | 0.141                      | 0.153               | —                                    | 0.208                      | 0.365               | —                                    | 0.340                      | 0.828               | 1.5                                  | 0.224                      | 0.310               | —                                    | 3.218                      | 3.052               |
| 8          | 0.6                                  | 0.275                      | 0.308               | —                                    | 0.142                      | 0.149               | —                                    | 0.191                      | 0.311               | 2.5                                  | 0.294                      | 0.642               | —                                    | 0.185                      | 0.251               | —                                    | 1.163                      | 1.039               |
| 9          | —                                    | 0.260                      | 0.284               | —                                    | 0.140                      | 0.142               | —                                    | 0.180                      | 0.276               | 6.1                                  | 0.417                      | 0.828               | —                                    | 0.157                      | 0.211               | —                                    | 0.661                      | 0.569               |
| 10         | —                                    | 0.240                      | 0.248               | —                                    | 0.138                      | 0.136               | —                                    | 0.170                      | 0.254               | —                                    | 0.389                      | 0.933               | —                                    | 0.144                      | 0.187               | 7.3                                  | 0.521                      | 0.482               |
| 11         | —                                    | 0.229                      | 0.218               | —                                    | 0.138                      | 0.136               | —                                    | 0.159                      | 0.234               | —                                    | 0.306                      | 0.671               | —                                    | 0.138                      | 0.170               | 0.1                                  | 0.481                      | 0.494               |
| 12         | —                                    | 0.228                      | 0.204               | 5.5                                  | 0.143                      | 0.140               | —                                    | 0.156                      | 0.216               | —                                    | 0.244                      | 0.507               | —                                    | 0.136                      | 0.149               | 25.6                                 | 1.605                      | 2.686               |
| 13         | —                                    | 0.216                      | 0.197               | —                                    | 0.171                      | 0.166               | —                                    | 0.149                      | 0.197               | —                                    | 0.218                      | 0.429               | —                                    | 0.129                      | 0.144               | —                                    | 5.055                      | 7.516               |
| 14         | —                                    | 0.212                      | 0.184               | 4.5                                  | 0.151                      | 0.145               | —                                    | 0.142                      | 0.191               | —                                    | 0.200                      | 0.383               | 0.6                                  | 0.131                      | 0.144               | 7.2                                  | 2.230                      | 2.141               |
| 15         | —                                    | 0.202                      | 0.171               | 0.0                                  | 0.175                      | 0.182               | —                                    | 0.141                      | 0.188               | 0.0                                  | 0.194                      | 0.341               | —                                    | 0.130                      | 0.142               | 1.2                                  | 1.462                      | 1.527               |
| 16         | —                                    | 0.190                      | 0.155               | 0.2                                  | 0.153                      | 0.151               | 5.6                                  | 0.155                      | 0.199               | 24.0                                 | 0.249                      | 0.403               | —                                    | 0.122                      | 0.133               | —                                    | 1.194                      | 1.414               |
| 17         | —                                    | 0.174                      | 0.132               | 0.3                                  | 0.144                      | 0.144               | —                                    | 0.175                      | 0.212               | 5.8                                  | 1.870                      | 5.070               | —                                    | 0.112                      | 0.120               | —                                    | 0.847                      | 0.876               |
| 18         | —                                    | 0.167                      | 0.122               | —                                    | 0.141                      | 0.144               | —                                    | 0.150                      | 0.186               | —                                    | 1.763                      | 3.979               | 19.5                                 | 0.114                      | 0.144               | —                                    | 0.608                      | 0.554               |
| 19         | —                                    | 0.167                      | 0.128               | —                                    | 0.134                      | 0.139               | —                                    | 0.143                      | 0.178               | —                                    | 0.923                      | 1.587               | 7.0                                  | 0.546                      | 0.579               | —                                    | 0.451                      | 0.379               |
| 20         | 11.6                                 | 0.170                      | 0.135               | —                                    | 0.132                      | 0.128               | —                                    | 0.136                      | 0.171               | —                                    | 0.552                      | 0.867               | —                                    | 0.302                      | 0.319               | 15.4                                 | 0.466                      | 0.427               |
| 21         | 0.1                                  | 0.366                      | 0.437               | 8.1                                  | 0.134                      | 0.130               | —                                    | 0.136                      | 0.170               | 2.4                                  | 0.386                      | 0.587               | —                                    | 0.183                      | 0.185               | —                                    | 0.704                      | 0.994               |
| 22         | —                                    | 0.262                      | 0.386               | 2.7                                  | 0.245                      | 0.298               | 1.2                                  | 0.134                      | 0.160               | 0.0                                  | 0.326                      | 0.474               | 0.0                                  | 0.147                      | 0.146               | —                                    | 0.469                      | 0.588               |
| 23         | —                                    | 0.224                      | 0.308               | 4.5                                  | 0.376                      | 0.637               | —                                    | 0.124                      | 0.148               | —                                    | 0.275                      | 0.381               | 1.2                                  | 0.136                      | 0.136               | —                                    | 0.373                      | 0.397               |
| 24         | 0.2                                  | 0.210                      | 0.260               | —                                    | 0.326                      | 0.699               | —                                    | 0.114                      | 0.144               | —                                    | 0.228                      | 0.312               | 18.9                                 | 0.163                      | 0.167               | —                                    | 0.303                      | 0.305               |
| 25         | 1.5                                  | 0.208                      | 0.257               | —                                    | 0.242                      | 0.462               | —                                    | 0.114                      | 0.144               | —                                    | 0.194                      | 0.272               | —                                    | 0.560                      | 0.746               | —                                    | 0.264                      | 0.246               |
| 26         | —                                    | 0.203                      | 0.252               | 2.9                                  | 0.231                      | 0.399               | 11.2                                 | 0.166                      | 0.223               | —                                    | 0.178                      | 0.234               | 15.5                                 | 0.220                      | 0.245               | 3.1                                  | 0.229                      | 0.207               |
| 27         | —                                    | 0.191                      | 0.230               | —                                    | 0.222                      | 0.370               | —                                    | 0.247                      | 0.413               | —                                    | 0.157                      | 0.205               | 20.8                                 | 1.427                      | 2.734               | 44.5                                 | 0.508                      | 0.710               |
| 28         | —                                    | 0.180                      | 0.216               | —                                    | 0.188                      | 0.302               | 0.0                                  | 0.160                      | 0.283               | 25.8                                 | 0.220                      | 0.281               | 5.1                                  | 3.003                      | 7.024               | 2.8                                  | 10.021                     | 15.442              |
| 29         | —                                    | 0.180                      | 0.202               | —                                    | —                          | —                   | 15.4                                 | 0.184                      | 0.314               | 0.0                                  | 0.956                      | 2.030               | —                                    | 1.377                      | 2.552               | —                                    | 3.239                      | 2.870               |
| 30         | —                                    | 0.174                      | 0.196               | —                                    | —                          | —                   | 16.5                                 | 0.839                      | 2.115               | —                                    | 0.477                      | 1.117               | —                                    | 0.689                      | 0.995               | 16.5                                 | 1.245                      | 0.945               |
| 31         | —                                    | 0.168                      | 0.191               | —                                    | —                          | —                   | 4.5                                  | 2.334                      | 6.270               | —                                    | —                          | —                   | —                                    | 0.432                      | 0.533               | —                                    | —                          | —                   |
| 計<br>Total | 15.8                                 | 6,694                      | 7,060               | 29.5                                 | 4,969                      | 6,379               | 66.2                                 | 8,544                      | 17,157              | 77.1                                 | 15,957                     | 32,724              | 102.6                                | 12,624                     | 21,178              | 180.4                                | 50,922                     | 68,053              |

| 項目<br>Item | 1 9 7 1 年                             |                   |                     |                                       |                   |                     |                                       |                   |                     |                                       |                   |                     |                                       |                   |                     |                                       |                   |                     |
|------------|---------------------------------------|-------------------|---------------------|---------------------------------------|-------------------|---------------------|---------------------------------------|-------------------|---------------------|---------------------------------------|-------------------|---------------------|---------------------------------------|-------------------|---------------------|---------------------------------------|-------------------|---------------------|
|            | 7 月 July                              |                   |                     | 8 月 Aug.                              |                   |                     | 9 月 Sep.                              |                   |                     | 10 月 Oct.                             |                   |                     | 11 月 Nov.                             |                   |                     | 12 月 Dec.                             |                   |                     |
|            | 降水量<br>Precipitation                  | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff   |                     |
|            | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 1          | 93.6                                  | 63,547            | 75,171              | —                                     | 0,467             | 0,280               | —                                     | 1,795             | 1,833               | 12.3                                  | 0,357             | 0,266               | —                                     | 0,266             | 0,208               | —                                     | 0,168             | 0,139               |
| 2          | —                                     | 19,205            | 15,660              | —                                     | 0,399             | 0,226               | —                                     | 0,622             | 0,499               | —                                     | 0,494             | 0,422               | —                                     | 0,243             | 0,196               | —                                     | 0,168             | 0,127               |
| 3          | —                                     | 3,982             | 2,995               | 0.0                                   | 0,355             | 0,201               | —                                     | 0,417             | 0,320               | —                                     | 0,333             | 0,255               | —                                     | 0,228             | 0,190               | —                                     | 0,178             | 0,128               |
| 4          | —                                     | 1,598             | 1,067               | 13.4                                  | 0,408             | 0,272               | —                                     | 0,350             | 0,254               | 14.2                                  | 0,291             | 0,225               | —                                     | 0,234             | 0,181               | —                                     | 0,180             | 0,128               |
| 5          | —                                     | 0,880             | 0,556               | 11.2                                  | 0,630             | 0,495               | 16.5                                  | 0,324             | 0,234               | —                                     | 0,735             | 0,766               | —                                     | 0,219             | 0,178               | 1.6                                   | 0,183             | 0,133               |
| 6          | 5.4                                   | 0,610             | 0,376               | —                                     | 0,377             | 0,255               | 11.5                                  | 1,228             | 1,767               | —                                     | 0,426             | 0,372               | —                                     | 0,204             | 0,171               | 0.2                                   | 0,189             | 0,134               |
| 7          | 1.2                                   | 0,592             | 0,379               | —                                     | 0,280             | 0,193               | —                                     | 1,260             | 2,418               | —                                     | 0,324             | 0,265               | —                                     | 0,203             | 0,171               | —                                     | 0,180             | 0,131               |
| 8          | 9.8                                   | 0,503             | 0,348               | —                                     | 0,264             | 0,180               | —                                     | 0,705             | 0,949               | —                                     | 0,278             | 0,227               | —                                     | 0,202             | 0,172               | —                                     | 0,180             | 0,136               |
| 9          | 0.3                                   | 0,497             | 0,392               | —                                     | 0,266             | 0,177               | 5.4                                   | 0,464             | 0,437               | —                                     | 0,269             | 0,211               | 0.7                                   | 0,198             | 0,162               | —                                     | 0,176             | 0,128               |
| 10         | —                                     | 0,377             | 0,289               | —                                     | 0,255             | 0,169               | 15.8                                  | 0,886             | 1,074               | 1.4                                   | 0,275             | 0,211               | —                                     | 0,193             | 0,158               | —                                     | 0,168             | 0,128               |
| 11         | 8.4                                   | 0,308             | 0,233               | 1.2                                   | 0,244             | 0,165               | —                                     | 1,418             | 2,802               | —                                     | 0,281             | 0,222               | —                                     | 0,198             | 0,147               | —                                     | 0,167             | 0,136               |
| 12         | 6.7                                   | 0,625             | 0,568               | 1.6                                   | 0,268             | 0,179               | —                                     | 0,801             | 1,056               | —                                     | 0,246             | 0,200               | —                                     | 0,198             | 0,144               | —                                     | 0,168             | 0,144               |
| 13         | —                                     | 0,507             | 0,482               | —                                     | 0,236             | 0,160               | —                                     | 0,515             | 0,481               | 1.0                                   | 0,225             | 0,181               | —                                     | 0,198             | 0,144               | —                                     | 0,168             | 0,132               |
| 14         | —                                     | 0,371             | 0,322               | —                                     | 0,230             | 0,157               | —                                     | 0,364             | 0,308               | 1.1                                   | 0,238             | 0,205               | 0.6                                   | 0,198             | 0,144               | 0.4                                   | 0,167             | 0,120               |
| 15         | —                                     | 0,295             | 0,242               | —                                     | 0,226             | 0,154               | —                                     | 0,288             | 0,242               | —                                     | 0,220             | 0,193               | 0.0                                   | 0,198             | 0,147               | —                                     | 0,168             | 0,120               |
| 16         | 5.3                                   | 0,261             | 0,203               | 15.7                                  | 0,414             | 0,335               | 9.6                                   | 0,275             | 0,212               | —                                     | 0,216             | 0,191               | 0.0                                   | 0,198             | 0,144               | —                                     | 0,168             | 0,120               |
| 17         | 8.0                                   | 0,332             | 0,292               | —                                     | 0,278             | 0,194               | 45.3                                  | 2,728             | 4,946               | 8.6                                   | 0,258             | 0,241               | —                                     | 0,198             | 0,144               | —                                     | 0,168             | 0,120               |
| 18         | 0.0                                   | 0,329             | 0,284               | —                                     | 0,229             | 0,159               | 4.2                                   | 8,035             | 12,302              | —                                     | 0,281             | 0,244               | —                                     | 0,198             | 0,144               | —                                     | 0,168             | 0,120               |
| 19         | —                                     | 0,247             | 0,211               | 2.5                                   | 0,233             | 0,170               | —                                     | 3,912             | 4,188               | —                                     | 0,227             | 0,187               | —                                     | 0,198             | 0,144               | —                                     | 0,168             | 0,120               |
| 20         | —                                     | 0,217             | 0,180               | 27.1                                  | 0,675             | 0,730               | —                                     | 1,651             | 1,562               | —                                     | 0,220             | 0,185               | —                                     | 0,198             | 0,144               | —                                     | 0,168             | 0,120               |
| 21         | 5.2                                   | 0,223             | 0,179               | 0.0                                   | 0,450             | 0,416               | 3.2                                   | 0,940             | 0,814               | —                                     | 0,214             | 0,181               | —                                     | 0,198             | 0,144               | —                                     | 0,162             | 0,120               |
| 22         | 55.8                                  | 5,971             | 9,706               | 0.0                                   | 0,318             | 0,245               | —                                     | 0,721             | 0,603               | 0.1                                   | 0,222             | 0,184               | —                                     | 0,192             | 0,144               | —                                     | 0,156             | 0,120               |
| 23         | 4.1                                   | 8,500             | 11,028              | 4.0                                   | 0,335             | 0,258               | —                                     | 0,570             | 0,470               | —                                     | 0,225             | 0,179               | 0.0                                   | 0,186             | 0,144               | —                                     | 0,156             | 0,121               |
| 24         | 47.0                                  | 8,870             | 12,827              | 13.0                                  | 0,396             | 0,426               | —                                     | 0,481             | 0,383               | —                                     | 0,214             | 0,171               | —                                     | 0,185             | 0,144               | —                                     | 0,156             | 0,131               |
| 25         | 7.2                                   | 24,162            | 25,520              | —                                     | 0,350             | 0,367               | 0.9                                   | 0,427             | 0,320               | 3.0                                   | 0,216             | 0,170               | —                                     | 0,180             | 0,144               | 5.0                                   | 0,157             | 0,135               |
| 26         | 3.3                                   | 7,430             | 6,590               | —                                     | 0,263             | 0,230               | 2.5                                   | 0,447             | 0,326               | —                                     | 0,234             | 0,195               | —                                     | 0,180             | 0,144               | 4.6                                   | 0,196             | 0,172               |
| 27         | —                                     | 4,015             | 3,486               | —                                     | 0,226             | 0,180               | —                                     | 0,376             | 0,281               | —                                     | 0,196             | 0,170               | —                                     | 0,180             | 0,144               | 17.1                                  | 0,527             | 0,568               |
| 28         | —                                     | 2,111             | 1,497               | —                                     | 0,218             | 0,168               | —                                     | 0,307             | 0,224               | —                                     | 0,185             | 0,162               | —                                     | 0,180             | 0,144               | —                                     | 0,251             | 0,235               |
| 29         | —                                     | 1,126             | 0,739               | 17.5                                  | 0,210             | 0,159               | —                                     | 0,294             | 0,208               | 19.3                                  | 0,197             | 0,163               | —                                     | 0,169             | 0,141               | 0.2                                   | 0,193             | 0,183               |
| 30         | —                                     | 0,759             | 0,463               | 70.0                                  | 2,561             | 5,534               | 2.4                                   | 0,279             | 0,197               | 5.9                                   | 0,692             | 0,702               | —                                     | 0,166             | 0,139               | 6.2                                   | 0,211             | 0,206               |
| 31         | —                                     | 0,584             | 0,351               | —                                     | 10,746            | 22,375              | —                                     | —                 | —                   | —                                     | 0,327             | 0,269               | —                                     | —                 | —                   | —                                     | 0,237             | 0,223               |
| 計<br>Total | 261.3                                 | 159,035           | 172,636             | 177.2                                 | 22,807            | 35,209              | 117.3                                 | 32,880            | 41,710              | 66.9                                  | 9,116             | 7,815               | 1.3                                   | 5,996             | 4,665               | 35.3                                  | 5,850             | 4,778               |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 7 2 年                       |                   |                     |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |
|------------|---------------------------------|-------------------|---------------------|---------------------------------|-------------------|---------------------|---------------------------------|-------------------|---------------------|---------------------------------|-------------------|---------------------|---------------------------------|-------------------|---------------------|---------------------------------|-------------------|---------------------|
|            | 1 月 Jan.                        |                   |                     | 2 月 Feb.                        |                   |                     | 3 月 Mar.                        |                   |                     | 4 月 Apr.                        |                   |                     | 5 月 May                         |                   |                     | 6 月 June                        |                   |                     |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff     |                     | 降水量<br>Precipitation            | 流出量<br>Runoff     |                     | 降水量<br>Precipitation            | 流出量<br>Runoff     |                     | 降水量<br>Precipitation            | 流出量<br>Runoff     |                     | 降水量<br>Precipitation            | 流出量<br>Runoff     |                     | 降水量<br>Precipitation            | 流出量<br>Runoff     |                     |
|            | 露場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |                                 |                   |                     |
| 1          | —                               | 0.208             | 0.178               | —                               | 0.655             | 1.547               | —                               | 0.632             | 1.073               | —                               | 0.372             | 0.813               | —                               | 0.502             | 0.744               | —                               | 0.171             | 0.157               |
| 2          | —                               | 0.184             | 0.156               | —                               | 0.338             | 0.607               | —                               | 0.477             | 0.755               | —                               | 0.255             | 0.555               | —                               | 0.351             | 0.485               | 5.0                             | 0.161             | 0.146               |
| 3          | —                               | 0.179             | 0.144               | 5.0                             | 0.249             | 0.370               | —                               | 0.385             | 0.590               | 0.0                             | 0.266             | 0.470               | —                               | 0.279             | 0.355               | 43.0                            | 0.437             | 0.494               |
| 4          | 7.8                             | 0.170             | 0.144               | 7.7                             | 0.421             | 0.715               | —                               | 0.305             | 0.459               | 20.6                            | 1.065             | 2.417               | 16.3                            | 0.507             | 0.678               | —                               | 4.803             | 9.530               |
| 5          | —                               | 0.286             | 0.293               | 0.3                             | 0.728             | 1.749               | —                               | 0.257             | 0.385               | 0.8                             | 1.908             | 4.827               | —                               | 0.773             | 1.500               | —                               | 1.416             | 1.940               |
| 6          | —                               | 0.202             | 0.193               | 7.5                             | 0.430             | 0.826               | —                               | 0.239             | 0.352               | 6.9                             | 1.111             | 1.977               | —                               | 0.496             | 0.744               | 0.9                             | 0.573             | 0.532               |
| 7          | —                               | 0.187             | 0.166               | —                               | 0.656             | 1.408               | —                               | 0.221             | 0.324               | 4.7                             | 0.996             | 1.875               | —                               | 0.384             | 0.479               | 93.2                            | 3.452             | 6.722               |
| 8          | —                               | 0.184             | 0.151               | —                               | 0.469             | 0.989               | 4.5                             | 0.198             | 0.295               | 14.0                            | 3.461             | 7.241               | 50.2                            | 1.782             | 3.207               | 0.0                             | 47.671            | 56.178              |
| 9          | —                               | 0.178             | 0.153               | 11.5                            | 0.338             | 0.593               | 0.5                             | 0.224             | 0.315               | —                               | 4.587             | 6.487               | —                               | 14.616            | 22.671              | 0.0                             | 6.265             | 4.615               |
| 10         | 29.1                            | 0.174             | 0.155               | 0.0                             | 1.117             | 2.317               | —                               | 0.183             | 0.280               | —                               | 1.621             | 2.106               | —                               | 4.784             | 4.427               | —                               | 1.762             | 1.208               |
| 11         | 10.2                            | 2.073             | 3.537               | —                               | 0.853             | 2.133               | —                               | 0.170             | 0.266               | 0.3                             | 0.838             | 1.114               | —                               | 1.596             | 1.422               | 12.3                            | 0.829             | 0.515               |
| 12         | —                               | 0.851             | 1.606               | —                               | 0.455             | 0.893               | —                               | 0.163             | 0.254               | —                               | 0.586             | 0.780               | 8.5                             | 0.824             | 0.715               | 1.1                             | 0.958             | 0.825               |
| 13         | —                               | 0.357             | 0.490               | 13.2                            | 0.998             | 2.032               | 0.2                             | 0.151             | 0.240               | —                               | 0.432             | 0.576               | 9.0                             | 0.850             | 0.931               | —                               | 0.641             | 0.576               |
| 14         | —                               | 0.255             | 0.286               | —                               | 1.210             | 2.983               | 1.0                             | 0.146             | 0.222               | 6.1                             | 0.363             | 0.480               | —                               | 1.015             | 1.618               | —                               | 0.435             | 0.361               |
| 15         | 0.5                             | 0.232             | 0.242               | —                               | 0.608             | 1.213               | —                               | 0.139             | 0.212               | 20.0                            | 1.659             | 3.576               | 6.0                             | 0.849             | 1.250               | —                               | 0.342             | 0.262               |
| 16         | —                               | 0.204             | 0.194               | 9.0                             | 0.414             | 0.720               | 14.1                            | 0.135             | 0.201               | —                               | 2.879             | 5.969               | 0.2                             | 0.722             | 0.933               | —                               | 0.297             | 0.226               |
| 17         | —                               | 0.184             | 0.172               | 0.4                             | 0.682             | 1.444               | —                               | 0.450             | 1.016               | —                               | 1.451             | 2.094               | —                               | 0.501             | 0.599               | 7.5                             | 0.294             | 0.227               |
| 18         | —                               | 0.170             | 0.162               | —                               | 0.580             | 1.184               | —                               | 0.298             | 0.767               | —                               | 0.821             | 1.083               | —                               | 0.393             | 0.430               | —                               | 0.339             | 0.279               |
| 19         | 1.0                             | 0.161             | 0.148               | —                               | 0.463             | 0.811               | 3.2                             | 0.252             | 0.555               | 2.7                             | 0.566             | 0.750               | 3.7                             | 0.374             | 0.370               | 1.5                             | 0.265             | 0.217               |
| 20         | —                               | 0.160             | 0.144               | —                               | 0.336             | 0.561               | 3.6                             | 0.320             | 0.627               | 11.6                            | 0.770             | 1.190               | —                               | 0.384             | 0.352               | —                               | 0.266             | 0.206               |
| 21         | —                               | 0.160             | 0.143               | —                               | 0.277             | 0.438               | —                               | 0.315             | 0.713               | —                               | 0.754             | 1.596               | —                               | 0.310             | 0.282               | 0.2                             | 0.238             | 0.192               |
| 22         | —                               | 0.146             | 0.124               | —                               | 0.250             | 0.375               | —                               | 0.265             | 0.556               | —                               | 0.546             | 0.987               | —                               | 0.253             | 0.229               | 13.1                            | 0.327             | 0.297               |
| 23         | —                               | 0.146             | 0.120               | —                               | 0.228             | 0.327               | 14.5                            | 0.255             | 0.495               | —                               | 0.445             | 0.697               | —                               | 0.218             | 0.196               | —                               | 0.395             | 0.374               |
| 24         | 9.3                             | 0.218             | 0.229               | 1.0                             | 0.202             | 0.286               | —                               | 1.062             | 2.683               | —                               | 0.367             | 0.543               | —                               | 0.201             | 0.186               | —                               | 0.258             | 0.218               |
| 25         | 0.0                             | 0.225             | 0.276               | —                               | 0.183             | 0.256               | 4.6                             | 0.806             | 1.919               | 6.8                             | 0.305             | 0.428               | —                               | 0.194             | 0.171               | —                               | 0.210             | 0.174               |
| 26         | —                               | 0.179             | 0.214               | 14.3                            | 0.441             | 0.752               | —                               | 0.625             | 1.263               | 13.6                            | 0.643             | 1.063               | 10.4                            | 0.223             | 0.198               | 41.0                            | 0.220             | 0.194               |
| 27         | 0.2                             | 0.166             | 0.194               | 8.7                             | 0.623             | 1.652               | —                               | 0.430             | 0.870               | —                               | 1.065             | 2.657               | 0.8                             | 0.326             | 0.297               | 5.3                             | 5.309             | 9.725               |
| 28         | —                               | 0.159             | 0.173               | —                               | 0.646             | 1.386               | —                               | 0.338             | 0.630               | —                               | 0.747             | 1.432               | —                               | 0.235             | 0.215               | 3.6                             | 2.767             | 3.659               |
| 29         | 4.3                             | 0.150             | 0.162               | 0.7                             | 0.801             | 1.683               | —                               | 0.295             | 0.522               | —                               | 0.526             | 0.819               | 6.2                             | 0.206             | 0.188               | 1.5                             | 1.177             | 1.184               |
| 30         | —                               | 0.177             | 0.194               | —                               | —                 | —                   | 10.1                            | 0.365             | 0.605               | 9.3                             | 0.503             | 0.669               | 2.0                             | 0.303             | 0.284               | 1.8                             | 0.709             | 0.716               |
| 31         | 13.5                            | 0.413             | 0.660               | —                               | —                 | —                   | —                               | 0.553             | 1.311               | —                               | —                 | —                   | —                               | 0.216             | 0.193               | —                               | —                 | —                   |
| 計<br>Total | 75.9                            | 8.738             | 11.203              | 79.3                            | 15.651            | 32.250              | 56.3                            | 10.654            | 20.755              | 117.4                           | 31.948            | 57.271              | 113.3                           | 34.667            | 46.349              | 231.0                           | 82.987            | 101.949             |

| 項目<br>Item | 1 9 7 2 年                             |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |
|------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------------|----------------------------|---------------------|
|            | 7 月 July                              |                            |                     | 8 月 Aug.                              |                            |                     | 9 月 Sep.                              |                            |                     | 10 月 Oct.                             |                            |                     | 11 月 Nov.                             |                            |                     | 12 月 Dec.                             |                            |                     |
|            | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     | 降水量<br>Precipitation                  | 流 出 量<br>Runoff            |                     |
|            | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |                                       |                            |                     |
| 1          | —                                     | 0.505                      | 0.467               | —                                     | 0.366                      | 0.218               | —                                     | 0.252                      | 0.163               | —                                     | 0.240                      | 0.162               | —                                     | 0.267                      | 0.183               | —                                     | 0.236                      | 0.171               |
| 2          | —                                     | 0.384                      | 0.345               | —                                     | 0.347                      | 0.207               | —                                     | 0.239                      | 0.149               | —                                     | 0.219                      | 0.158               | 19.0                                  | 0.256                      | 0.171               | —                                     | 0.225                      | 0.171               |
| 3          | 2.4                                   | 0.339                      | 0.295               | —                                     | 0.342                      | 0.203               | —                                     | 0.234                      | 0.147               | 3.6                                   | 0.235                      | 0.153               | 12.0                                  | 1.571                      | 1.913               | —                                     | 0.223                      | 0.173               |
| 4          | 2.2                                   | 0.312                      | 0.272               | —                                     | 0.326                      | 0.197               | —                                     | 0.230                      | 0.142               | 1.6                                   | 0.285                      | 0.199               | —                                     | 0.523                      | 0.567               | —                                     | 0.215                      | 0.162               |
| 5          | 37.0                                  | 0.339                      | 0.284               | —                                     | 0.315                      | 0.190               | —                                     | 0.218                      | 0.137               | —                                     | 0.259                      | 0.169               | —                                     | 0.316                      | 0.272               | —                                     | 0.215                      | 0.162               |
| 6          | 6.9                                   | 10.131                     | 13.436              | —                                     | 0.312                      | 0.177               | 11.1                                  | 0.216                      | 0.137               | —                                     | 0.241                      | 0.153               | 3.0                                   | 0.312                      | 0.236               | —                                     | 0.215                      | 0.162               |
| 7          | —                                     | 5.604                      | 4.894               | —                                     | 0.318                      | 0.179               | 22.1                                  | 0.640                      | 0.566               | —                                     | 0.222                      | 0.153               | —                                     | 0.282                      | 0.205               | 2.3                                   | 0.216                      | 0.162               |
| 8          | —                                     | 1.797                      | 1.285               | —                                     | 0.302                      | 0.171               | 56.0                                  | 1.588                      | 1.514               | —                                     | 0.196                      | 0.153               | —                                     | 0.257                      | 0.178               | —                                     | 0.222                      | 0.162               |
| 9          | 66.2                                  | 1.870                      | 1.697               | —                                     | 0.297                      | 0.170               | 1.6                                   | 6.297                      | 9.632               | 5.5                                   | 0.256                      | 0.191               | 23.3                                  | 0.255                      | 0.174               | —                                     | 0.215                      | 0.162               |
| 10         | 73.9                                  | 38.409                     | 43.975              | 13.5                                  | 0.491                      | 0.362               | 0.0                                   | 1.057                      | 1.106               | 0.4                                   | 0.263                      | 0.189               | 6.3                                   | 2.097                      | 3.099               | —                                     | 0.215                      | 0.162               |
| 11         | 15.8                                  | 62.827                     | 66.875              | —                                     | 0.402                      | 0.243               | —                                     | 0.492                      | 0.366               | —                                     | 0.239                      | 0.169               | —                                     | 0.839                      | 1.174               | 4.1                                   | 0.215                      | 0.162               |
| 12         | 25.6                                  | 22.453                     | 23.940              | —                                     | 0.354                      | 0.207               | —                                     | 0.372                      | 0.258               | —                                     | 0.217                      | 0.148               | —                                     | 0.475                      | 0.426               | 3.2                                   | 0.282                      | 0.223               |
| 13         | 3.7                                   | 14.894                     | 14.487              | —                                     | 0.312                      | 0.180               | 1.8                                   | 0.318                      | 0.212               | —                                     | 0.204                      | 0.144               | —                                     | 0.373                      | 0.291               | —                                     | 0.240                      | 0.171               |
| 14         | 6.7                                   | 6.484                      | 6.093               | —                                     | 0.294                      | 0.170               | 42.0                                  | 1.314                      | 1.674               | —                                     | 0.199                      | 0.146               | 0.7                                   | 0.309                      | 0.231               | —                                     | 0.222                      | 0.162               |
| 15         | 38.0                                  | 4.570                      | 4.417               | —                                     | 0.274                      | 0.156               | 24.5                                  | 5.351                      | 8.708               | —                                     | 0.190                      | 0.146               | 4.1                                   | 0.322                      | 0.233               | —                                     | 0.215                      | 0.162               |
| 16         | 0.6                                   | 21.607                     | 25.306              | —                                     | 0.260                      | 0.148               | 65.0                                  | 39.810                     | 51.572              | —                                     | 0.194                      | 0.143               | 2.7                                   | 0.328                      | 0.234               | —                                     | 0.215                      | 0.162               |
| 17         | —                                     | 7.756                      | 6.244               | —                                     | 0.257                      | 0.143               | —                                     | 23.130                     | 18.929              | —                                     | 0.192                      | 0.136               | —                                     | 0.284                      | 0.224               | 0.8                                   | 0.215                      | 0.162               |
| 18         | —                                     | 2.622                      | 1.891               | —                                     | 0.255                      | 0.136               | 0.1                                   | 3.617                      | 2.498               | 1.9                                   | 0.200                      | 0.134               | —                                     | 0.265                      | 0.200               | —                                     | 0.215                      | 0.155               |
| 19         | —                                     | 1.321                      | 0.810               | —                                     | 0.251                      | 0.136               | —                                     | 1.341                      | 0.839               | 6.4                                   | 0.258                      | 0.191               | —                                     | 0.256                      | 0.191               | —                                     | 0.213                      | 0.153               |
| 20         | —                                     | 0.905                      | 0.476               | 38.0                                  | 0.394                      | 0.265               | —                                     | 0.746                      | 0.443               | —                                     | 0.225                      | 0.165               | 2.7                                   | 0.258                      | 0.192               | —                                     | 0.206                      | 0.153               |
| 21         | —                                     | 0.702                      | 0.368               | 24.0                                  | 1.319                      | 1.116               | —                                     | 0.484                      | 0.308               | 19.5                                  | 0.200                      | 0.144               | —                                     | 0.260                      | 0.189               | —                                     | 0.206                      | 0.153               |
| 22         | —                                     | 0.587                      | 0.302               | —                                     | 1.586                      | 1.406               | —                                     | 0.398                      | 0.245               | —                                     | 0.518                      | 0.453               | —                                     | 0.246                      | 0.177               | 2.4                                   | 0.206                      | 0.153               |
| 23         | 19.6                                  | 0.546                      | 0.297               | —                                     | 0.428                      | 0.274               | 0.2                                   | 0.359                      | 0.219               | —                                     | 0.226                      | 0.162               | 1.2                                   | 0.246                      | 0.171               | 43.0                                  | 1.147                      | 1.851               |
| 24         | 7.4                                   | 0.978                      | 0.772               | —                                     | 0.336                      | 0.204               | —                                     | 0.349                      | 0.213               | —                                     | 0.231                      | 0.148               | —                                     | 0.246                      | 0.171               | 0.0                                   | 3.336                      | 7.084               |
| 25         | —                                     | 0.633                      | 0.488               | —                                     | 0.308                      | 0.195               | 0.4                                   | 0.304                      | 0.195               | —                                     | 0.235                      | 0.148               | —                                     | 0.246                      | 0.171               | —                                     | 0.782                      | 1.354               |
| 26         | —                                     | 0.467                      | 0.303               | 7.4                                   | 0.373                      | 0.260               | —                                     | 0.281                      | 0.174               | 15.2                                  | 0.253                      | 0.163               | —                                     | 0.246                      | 0.171               | 0.0                                   | 0.472                      | 0.583               |
| 27         | —                                     | 0.426                      | 0.260               | —                                     | 0.350                      | 0.227               | —                                     | 0.257                      | 0.163               | —                                     | 0.476                      | 0.372               | —                                     | 0.238                      | 0.171               | 4.5                                   | 0.380                      | 0.402               |
| 28         | —                                     | 0.400                      | 0.238               | 2.6                                   | 0.308                      | 0.194               | 3.3                                   | 0.267                      | 0.171               | —                                     | 0.283                      | 0.183               | —                                     | 0.225                      | 0.171               | 0.3                                   | 0.345                      | 0.346               |
| 29         | —                                     | 0.381                      | 0.222               | 0.1                                   | 0.308                      | 0.196               | —                                     | 0.277                      | 0.189               | —                                     | 0.268                      | 0.166               | —                                     | 0.225                      | 0.171               | —                                     | 0.352                      | 0.343               |
| 30         | —                                     | 0.374                      | 0.222               | —                                     | 0.284                      | 0.181               | —                                     | 0.250                      | 0.162               | 12.1                                  | 0.370                      | 0.291               | 3.4                                   | 0.240                      | 0.185               | —                                     | 0.304                      | 0.304               |
| 31         | —                                     | 0.370                      | 0.220               | —                                     | 0.266                      | 0.169               | —                                     | —                          | —                   | —                                     | 0.336                      | 0.244               | —                                     | —                          | —                   | —                                     | 0.274                      | 0.259               |
| 計<br>Total | 306.0                                 | 210.993                    | 221.181             | 85.6                                  | 12.335                     | 8.280               | 228.1                                 | 90.688                     | 101.231             | 66.2                                  | 7.930                      | 5.676               | 78.4                                  | 12.263                     | 12.142              | 60.6                                  | 12.239                     | 16.146              |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 7 3 年                       |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |
|------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|
|            | 1 月 Jan.                        |                        |                     | 2 月 Feb.                        |                        |                     | 3 月 Mar.                        |                        |                     | 4 月 Apr.                        |                        |                     | 5 月 May                         |                        |                     | 6 月 June                        |                        |                     |
|            | 降水量<br>Precipitation            |                        | 流出量<br>Runoff       | 降水量<br>Precipitation            |                        | 流出量<br>Runoff       | 降水量<br>Precipitation            |                        | 流出量<br>Runoff       | 降水量<br>Precipitation            |                        | 流出量<br>Runoff       | 降水量<br>Precipitation            |                        | 流出量<br>Runoff       | 降水量<br>Precipitation            |                        | 流出量<br>Runoff       |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |
| 1          | 16.1                            | 0.552                  | 0.739               | —                               | 0.299                  | 0.325               | —                               | 0.419                  | 0.456               | —                               | 0.178                  | 0.181               | 19.2                            | 0.433                  | 0.373               | —                               | 0.232                  | 0.186               |
| 2          | 0.1                             | 1.230                  | 2.482               | —                               | 0.270                  | 0.283               | —                               | 0.349                  | 0.395               | —                               | 0.167                  | 0.180               | 18.5                            | 5.421                  | 9.244               | 5.1                             | 0.215                  | 0.182               |
| 3          | —                               | 0.805                  | 1.335               | 7.1                             | 0.256                  | 0.265               | —                               | 0.317                  | 0.354               | 1.1                             | 0.153                  | 0.171               | —                               | 4.506                  | 5.246               | —                               | 0.201                  | 0.192               |
| 4          | —                               | 0.544                  | 0.686               | 0.5                             | 0.325                  | 0.355               | —                               | 0.290                  | 0.330               | 0.3                             | 0.153                  | 0.177               | —                               | 1.650                  | 1.622               | 6.7                             | 0.191                  | 0.170               |
| 5          | —                               | 0.428                  | 0.463               | 2.0                             | 0.295                  | 0.337               | —                               | 0.283                  | 0.316               | —                               | 0.151                  | 0.171               | —                               | 0.880                  | 0.787               | 11.1                            | 0.254                  | 0.227               |
| 6          | 12.0                            | 0.372                  | 0.381               | —                               | 0.290                  | 0.322               | —                               | 0.251                  | 0.285               | —                               | 0.142                  | 0.171               | —                               | 0.566                  | 0.482               | 27.4                            | 0.957                  | 1.160               |
| 7          | 6.7                             | 1.203                  | 2.283               | —                               | 0.271                  | 0.311               | —                               | 0.235                  | 0.255               | —                               | 0.138                  | 0.171               | 8.8                             | 0.443                  | 0.368               | —                               | 1.677                  | 3.087               |
| 8          | —                               | 1.714                  | 3.163               | —                               | 0.251                  | 0.282               | —                               | 0.235                  | 0.245               | —                               | 0.138                  | 0.171               | 26.0                            | 4.305                  | 7.584               | —                               | 0.536                  | 0.753               |
| 9          | —                               | 0.999                  | 1.321               | —                               | 0.246                  | 0.264               | —                               | 0.231                  | 0.241               | 14.0                            | 0.138                  | 0.171               | —                               | 4.720                  | 5.671               | —                               | 0.311                  | 0.314               |
| 10         | 0.3                             | 0.676                  | 0.786               | 0.4                             | 0.246                  | 0.257               | —                               | 0.225                  | 0.234               | 1.3                             | 0.325                  | 0.449               | —                               | 1.821                  | 1.622               | —                               | 0.253                  | 0.227               |
| 11         | —                               | 0.500                  | 0.549               | 0.0                             | 0.246                  | 0.257               | —                               | 0.225                  | 0.234               | 1.3                             | 0.215                  | 0.292               | 0.0                             | 0.923                  | 0.718               | —                               | 0.238                  | 0.194               |
| 12         | —                               | 0.413                  | 0.431               | —                               | 0.239                  | 0.252               | —                               | 0.225                  | 0.229               | 0.1                             | 0.193                  | 0.247               | —                               | 0.572                  | 0.462               | —                               | 0.203                  | 0.170               |
| 13         | —                               | 0.355                  | 0.356               | 0.3                             | 0.231                  | 0.241               | —                               | 0.218                  | 0.215               | —                               | 0.170                  | 0.200               | 0.6                             | 0.467                  | 0.359               | —                               | 0.169                  | 0.159               |
| 14         | 0.7                             | 0.331                  | 0.323               | —                               | 0.225                  | 0.234               | —                               | 0.206                  | 0.201               | 17.5                            | 0.161                  | 0.181               | —                               | 0.410                  | 0.316               | —                               | 0.165                  | 0.155               |
| 15         | 0.9                             | 0.326                  | 0.296               | —                               | 0.225                  | 0.229               | —                               | 0.206                  | 0.196               | 35.5                            | 3.996                  | 13.781              | 0.8                             | 0.341                  | 0.256               | —                               | 0.158                  | 0.150               |
| 16         | 4.9                             | 0.296                  | 0.277               | 0.5                             | 0.225                  | 0.218               | 2.7                             | 0.206                  | 0.191               | 22.8                            | 3.128                  | 8.858               | 12.7                            | 0.430                  | 0.356               | 3.9                             | 0.148                  | 0.139               |
| 17         | 17.8                            | 0.600                  | 0.899               | 9.1                             | 0.264                  | 0.270               | —                               | 0.206                  | 0.191               | 0.1                             | 6.928                  | 14.152              | —                               | 0.463                  | 0.410               | 0.3                             | 0.186                  | 0.177               |
| 18         | —                               | 2.399                  | 4.652               | 15.8                            | 0.285                  | 0.325               | —                               | 0.206                  | 0.191               | —                               | 2.697                  | 3.638               | 3.2                             | 0.383                  | 0.315               | 9.6                             | 0.201                  | 0.172               |
| 19         | —                               | 1.771                  | 2.331               | 1.1                             | 1.632                  | 3.843               | —                               | 0.200                  | 0.191               | 0.3                             | 1.001                  | 1.288               | —                               | 0.332                  | 0.270               | —                               | 0.299                  | 0.257               |
| 20         | —                               | 0.953                  | 1.105               | 0.3                             | 1.263                  | 2.544               | 6.5                             | 0.196                  | 0.191               | —                               | 0.626                  | 0.761               | —                               | 0.273                  | 0.222               | —                               | 0.225                  | 0.168               |
| 21         | —                               | 0.656                  | 0.689               | 5.5                             | 0.700                  | 1.123               | 0.3                             | 0.236                  | 0.253               | 24.0                            | 1.123                  | 2.091               | —                               | 0.241                  | 0.196               | 0.5                             | 0.183                  | 0.146               |
| 22         | 1.3                             | 0.523                  | 0.519               | 11.2                            | 1.622                  | 3.132               | —                               | 0.207                  | 0.198               | —                               | 3.524                  | 6.692               | —                               | 0.232                  | 0.191               | —                               | 0.160                  | 0.140               |
| 23         | 0.1                             | 0.449                  | 0.433               | —                               | 2.805                  | 4.369               | —                               | 0.196                  | 0.181               | —                               | 1.642                  | 2.112               | —                               | 0.214                  | 0.188               | —                               | 0.151                  | 0.130               |
| 24         | 10.1                            | 0.625                  | 0.781               | 0.2                             | 1.404                  | 1.780               | —                               | 0.190                  | 0.181               | 2.2                             | 0.950                  | 1.056               | —                               | 0.196                  | 0.181               | —                               | 0.130                  | 0.110               |
| 25         | —                               | 0.683                  | 1.246               | —                               | 0.857                  | 0.985               | —                               | 0.178                  | 0.181               | —                               | 0.635                  | 0.651               | —                               | 0.196                  | 0.181               | —                               | 0.119                  | 0.106               |
| 26         | —                               | 0.561                  | 0.870               | —                               | 0.686                  | 0.748               | —                               | 0.178                  | 0.181               | 25.5                            | 1.316                  | 1.961               | —                               | 0.196                  | 0.181               | 39.4                            | 0.439                  | 0.453               |
| 27         | —                               | 0.460                  | 0.633               | 1.2                             | 0.562                  | 0.608               | —                               | 0.178                  | 0.181               | —                               | 4.528                  | 7.231               | —                               | 0.196                  | 0.181               | —                               | 0.849                  | 0.904               |
| 28         | 0.0                             | 0.382                  | 0.496               | —                               | 0.505                  | 0.534               | —                               | 0.178                  | 0.181               | —                               | 1.873                  | 2.024               | 26.6                            | 0.391                  | 0.417               | 5.0                             | 0.286                  | 0.255               |
| 29         | —                               | 0.344                  | 0.431               | —                               | —                      | —                   | 0.1                             | 0.178                  | 0.181               | —                               | 0.913                  | 0.863               | —                               | 0.534                  | 0.587               | 15.2                            | 1.101                  | 1.590               |
| 30         | —                               | 0.331                  | 0.391               | —                               | —                      | —                   | —                               | 0.178                  | 0.181               | —                               | 0.578                  | 0.508               | —                               | 0.285                  | 0.267               | —                               | 0.644                  | 1.040               |
| 31         | —                               | 0.313                  | 0.350               | —                               | —                      | —                   | —                               | 0.178                  | 0.181               | —                               | —                      | —                   | —                               | 0.241                  | 0.202               | —                               | —                      | —                   |
| 計<br>Total | 71.0                            | 21.794                 | 31.697              | 55.2                            | 16.725                 | 24.693              | 9.6                             | 7.004                  | 7.221               | 146.0                           | 37.880                 | 70.600              | 116.4                           | 32.261                 | 39.455              | 124.2                           | 10.881                 | 13.113              |

| 項目<br>Item | 1 9 7 3 年                        |                   |                     |                                  |                   |                     |                                  |                   |                     |                                  |                   |                     |                                  |                   |                     |                                  |                   |                     |
|------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|----------------------------------|-------------------|---------------------|
|            | 7 月 July                         |                   |                     | 8 月 Aug.                         |                   |                     | 9 月 Sep.                         |                   |                     | 10 月 Oct.                        |                   |                     | 11 月 Nov.                        |                   |                     | 12 月 Dec.                        |                   |                     |
|            | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     | 降水量<br>Precipitation             | 流 出 量<br>Runoff   |                     |
|            | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露 場<br>Meteorological<br>station | 南谷<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 1          | 18.6                             | 0.331             | 0.338               | —                                | 0.162             | 0.120               | —                                | 0.085             | 0.070               | —                                | 0.167             | 0.145               | —                                | 0.103             | 0.136               | —                                | 0.097             | 0.092               |
| 2          | 18.2                             | 3.039             | 6.313               | —                                | 0.122             | 0.084               | 0.1                              | 0.075             | 0.069               | —                                | 0.124             | 0.105               | 2.0                              | 0.098             | 0.136               | 0.0                              | 0.097             | 0.092               |
| 3          | —                                | 1.937             | 3.593               | —                                | 0.099             | 0.078               | 9.1                              | 0.144             | 0.148               | —                                | 0.110             | 0.093               | —                                | 0.093             | 0.124               | 0.0                              | 0.097             | 0.092               |
| 4          | —                                | 0.618             | 0.796               | —                                | 0.083             | 0.070               | 32.5                             | 0.096             | 0.093               | 0.0                              | 0.106             | 0.095               | —                                | 0.086             | 0.120               | —                                | 0.097             | 0.092               |
| 5          | —                                | 0.360             | 0.333               | —                                | 0.078             | 0.067               | 3.3                              | 0.962             | 0.865               | —                                | 0.104             | 0.092               | 0.1                              | 0.086             | 0.120               | —                                | 0.097             | 0.092               |
| 6          | —                                | 0.280             | 0.235               | —                                | 0.075             | 0.064               | —                                | 0.266             | 0.164               | 2.1                              | 0.097             | 0.088               | 2.5                              | 0.089             | 0.125               | —                                | 0.097             | 0.092               |
| 7          | —                                | 0.240             | 0.190               | 3.0                              | 0.078             | 0.064               | —                                | 0.130             | 0.101               | 0.1                              | 0.091             | 0.093               | —                                | 0.097             | 0.118               | —                                | 0.097             | 0.092               |
| 8          | —                                | 0.207             | 0.163               | —                                | 0.088             | 0.062               | —                                | 0.089             | 0.081               | —                                | 0.090             | 0.088               | —                                | 0.097             | 0.112               | —                                | 0.097             | 0.085               |
| 9          | —                                | 0.191             | 0.144               | —                                | 0.079             | 0.057               | 10.2                             | 0.085             | 0.075               | —                                | 0.086             | 0.079               | 11.3                             | 0.160             | 0.193               | —                                | 0.097             | 0.085               |
| 10         | —                                | 0.175             | 0.141               | —                                | 0.064             | 0.052               | —                                | 0.184             | 0.170               | 0.0                              | 0.083             | 0.079               | —                                | 0.148             | 0.164               | —                                | 0.097             | 0.085               |
| 11         | —                                | 0.163             | 0.129               | —                                | 0.061             | 0.048               | —                                | 0.098             | 0.088               | 14.7                             | 0.104             | 0.119               | —                                | 0.118             | 0.131               | —                                | 0.097             | 0.085               |
| 12         | —                                | 0.152             | 0.122               | —                                | 0.059             | 0.046               | 1.5                              | 0.082             | 0.074               | 4.7                              | 0.165             | 0.217               | —                                | 0.117             | 0.120               | —                                | 0.097             | 0.085               |
| 13         | —                                | 0.142             | 0.113               | —                                | 0.058             | 0.044               | 56.0                             | 3.295             | 3.984               | 31.0                             | 2.100             | 3.136               | —                                | 0.117             | 0.120               | —                                | 0.097             | 0.083               |
| 14         | —                                | 0.131             | 0.111               | 9.0                              | 0.078             | 0.074               | —                                | 1.259             | 1.627               | —                                | 1.216             | 2.022               | —                                | 0.111             | 0.120               | —                                | 0.097             | 0.079               |
| 15         | —                                | 0.125             | 0.106               | 1.9                              | 0.128             | 0.098               | —                                | 0.249             | 0.222               | —                                | 0.311             | 0.346               | —                                | 0.110             | 0.119               | 1.5                              | 0.097             | 0.079               |
| 16         | —                                | 0.116             | 0.099               | 0.5                              | 0.102             | 0.082               | —                                | 0.160             | 0.134               | 15.3                             | 0.172             | 0.187               | —                                | 0.110             | 0.112               | —                                | 0.101             | 0.079               |
| 17         | —                                | 0.106             | 0.092               | 0.3                              | 0.087             | 0.070               | 2.6                              | 0.131             | 0.108               | —                                | 0.746             | 1.074               | —                                | 0.103             | 0.105               | —                                | 0.104             | 0.079               |
| 18         | —                                | 0.106             | 0.090               | —                                | 0.077             | 0.061               | 9.2                              | 0.218             | 0.214               | —                                | 0.456             | 0.564               | —                                | 0.104             | 0.105               | —                                | 0.101             | 0.079               |
| 19         | —                                | 0.102             | 0.088               | 33.6                             | 0.454             | 0.458               | 5.1                              | 0.239             | 0.208               | —                                | 0.252             | 0.261               | —                                | 0.104             | 0.102               | —                                | 0.097             | 0.079               |
| 20         | —                                | 0.095             | 0.080               | 4.8                              | 0.161             | 0.116               | 0.5                              | 0.240             | 0.210               | 13.5                             | 0.192             | 0.187               | —                                | 0.104             | 0.100               | —                                | 0.097             | 0.079               |
| 21         | 3.0                              | 0.104             | 0.099               | —                                | 0.111             | 0.092               | 3.4                              | 0.223             | 0.182               | 10.8                             | 1.737             | 2.551               | —                                | 0.104             | 0.105               | 1.5                              | 0.097             | 0.080               |
| 22         | —                                | 0.113             | 0.092               | —                                | 0.095             | 0.076               | 0.0                              | 0.237             | 0.207               | —                                | 1.495             | 2.217               | —                                | 0.104             | 0.105               | —                                | 0.097             | 0.080               |
| 23         | —                                | 0.096             | 0.077               | —                                | 0.080             | 0.068               | 9.6                              | 0.251             | 0.237               | —                                | 0.496             | 0.571               | —                                | 0.104             | 0.105               | —                                | 0.097             | 0.079               |
| 24         | —                                | 0.097             | 0.072               | 32.0                             | 0.459             | 0.417               | —                                | 0.235             | 0.228               | —                                | 0.283             | 0.268               | 0.5                              | 0.097             | 0.105               | 0.1                              | 0.097             | 0.079               |
| 25         | —                                | 0.089             | 0.069               | —                                | 0.375             | 0.280               | —                                | 0.177             | 0.149               | —                                | 0.212             | 0.210               | —                                | 0.097             | 0.102               | —                                | 0.097             | 0.079               |
| 26         | —                                | 0.095             | 0.068               | 4.4                              | 0.190             | 0.147               | —                                | 0.142             | 0.120               | —                                | 0.159             | 0.155               | 0.0                              | 0.097             | 0.098               | —                                | 0.097             | 0.079               |
| 27         | —                                | 0.089             | 0.070               | —                                | 0.136             | 0.104               | —                                | 0.122             | 0.108               | 10.3                             | 0.141             | 0.141               | 0.0                              | 0.097             | 0.094               | 2.5                              | 0.097             | 0.079               |
| 28         | —                                | 0.079             | 0.064               | 5.6                              | 0.107             | 0.088               | —                                | 0.104             | 0.092               | 0.0                              | 0.242             | 0.258               | —                                | 0.097             | 0.092               | 0.4                              | 0.100             | 0.079               |
| 29         | —                                | 0.078             | 0.064               | —                                | 0.127             | 0.102               | 9.1                              | 0.104             | 0.092               | —                                | 0.163             | 0.171               | —                                | 0.097             | 0.092               | —                                | 0.101             | 0.079               |
| 30         | 6.1                              | 0.082             | 0.066               | 0.8                              | 0.097             | 0.075               | 3.8                              | 0.231             | 0.226               | —                                | 0.133             | 0.147               | 0.5                              | 0.097             | 0.092               | —                                | 0.097             | 0.079               |
| 31         | 9.0                              | 0.171             | 0.153               | —                                | 0.082             | 0.070               | —                                | —                 | —                   | —                                | 0.118             | 0.136               | —                                | —                 | —                   | —                                | 0.097             | 0.079               |
| 計<br>Total | 54.9                             | 9.709             | 14.170              | 95.9                             | 4.052             | 3.334               | 156.0                            | 9.873             | 10.346              | 102.5                            | 11.951            | 15.895              | 16.9                             | 3.146             | 3.472               | 6.0                              | 3.029             | 2.576               |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1974年                           |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |
|------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|---------------------------------|------------------------|---------------------|
|            | 1月 Jan.                         |                        |                     | 2月 Feb.                         |                        |                     | 3月 Mar.                         |                        |                     | 4月 Apr.                         |                        |                     | 5月 May                          |                        |                     | 6月 June                         |                        |                     |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     | 降水量<br>Precipitation            | 流出量<br>Runoff          |                     |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |                                 |                        |                     |
| 1          | —                               | 0.097                  | 0.079               | —                               | 0.110                  | 0.098               | —                               | 0.170                  | 0.184               | —                               | 0.176                  | 0.236               | —                               | 0.366                  | 0.404               | —                               | 0.105                  | 0.076               |
| 2          | —                               | 0.097                  | 0.077               | —                               | 0.110                  | 0.098               | —                               | 0.161                  | 0.159               | —                               | 0.152                  | 0.196               | —                               | 0.286                  | 0.303               | —                               | 0.097                  | 0.070               |
| 3          | —                               | 0.097                  | 0.073               | —                               | 0.110                  | 0.098               | 1.2                             | 0.148                  | 0.136               | 2.0                             | 0.138                  | 0.167               | —                               | 0.254                  | 0.234               | 3.5                             | 0.085                  | 0.068               |
| 4          | —                               | 0.097                  | 0.073               | 6.3                             | 0.110                  | 0.098               | —                               | 0.146                  | 0.134               | 0.2                             | 0.138                  | 0.140               | —                               | 0.227                  | 0.195               | 17.2                            | 0.105                  | 0.153               |
| 5          | —                               | 0.097                  | 0.073               | 21.8                            | 0.591                  | 0.749               | 4.0                             | 0.146                  | 0.125               | —                               | 0.138                  | 0.120               | —                               | 0.208                  | 0.170               | 10.8                            | 0.297                  | 0.465               |
| 6          | —                               | 0.095                  | 0.073               | 6.0                             | 0.529                  | 0.704               | 26.2                            | 0.251                  | 0.271               | —                               | 0.135                  | 0.120               | —                               | 0.194                  | 0.157               | —                               | —                      | 0.344               |
| 7          | —                               | 0.091                  | 0.073               | 11.2                            | 0.364                  | 0.444               | 0.8                             | 3.380                  | 6.312               | 40.0                            | 0.169                  | 0.169               | —                               | 0.175                  | 0.137               | —                               | —                      | 0.179               |
| 8          | —                               | 0.091                  | 0.073               | —                               | 0.743                  | 1.201               | —                               | 0.948                  | 1.800               | 47.2                            | 13.396                 | 24.711              | 5.5                             | 0.161                  | 0.120               | —                               | —                      | 0.136               |
| 9          | —                               | 0.091                  | 0.073               | —                               | 0.510                  | 0.759               | 14.6                            | 0.512                  | 0.839               | 2.1                             | 18.780                 | 23.336              | 0.8                             | 0.183                  | 0.164               | —                               | —                      | 0.115               |
| 10         | —                               | 0.091                  | 0.073               | —                               | 0.288                  | 0.399               | —                               | 1.752                  | 3.529               | —                               | 4.597                  | 4.479               | —                               | 0.181                  | 0.134               | 17.4                            | —                      | 0.106               |
| 11         | —                               | 0.091                  | 0.073               | 0.0                             | 0.224                  | 0.280               | —                               | 0.969                  | 1.671               | —                               | 1.519                  | 1.652               | —                               | 0.166                  | 0.113               | 0.4                             | —                      | 0.279               |
| 12         | —                               | 0.091                  | 0.073               | —                               | 0.178                  | 0.199               | —                               | 0.491                  | 0.816               | —                               | 0.752                  | 0.802               | —                               | 0.160                  | 0.103               | —                               | —                      | 0.137               |
| 13         | —                               | 0.091                  | 0.073               | —                               | 0.166                  | 0.148               | —                               | 0.315                  | 0.491               | 2.5                             | 0.478                  | 0.536               | —                               | 0.152                  | 0.092               | —                               | —                      | 0.107               |
| 14         | 0.0                             | 0.091                  | 0.073               | —                               | 0.157                  | 0.141               | —                               | 0.242                  | 0.321               | 4.6                             | 0.461                  | 0.503               | 9.8                             | 0.146                  | 0.092               | 0.3                             | —                      | 0.086               |
| 15         | —                               | 0.091                  | 0.073               | 2.8                             | 0.153                  | 0.136               | 2.5                             | 0.202                  | 0.228               | 14.5                            | 0.333                  | 0.422               | —                               | 0.209                  | 0.179               | —                               | —                      | 0.074               |
| 16         | —                               | 0.091                  | 0.069               | 0.0                             | 0.153                  | 0.136               | 0.0                             | 0.201                  | 0.211               | 0.0                             | 1.271                  | 2.593               | —                               | 0.177                  | 0.110               | —                               | —                      | 0.071               |
| 17         | —                               | 0.091                  | 0.068               | —                               | 0.153                  | 0.136               | —                               | 0.183                  | 0.206               | —                               | 1.049                  | 1.930               | —                               | 0.151                  | 0.089               | 40.0                            | —                      | 0.601               |
| 18         | —                               | 0.091                  | 0.068               | —                               | 0.150                  | 0.128               | —                               | 0.166                  | 0.191               | —                               | 0.624                  | 0.989               | —                               | 0.136                  | 0.085               | —                               | —                      | 0.751               |
| 19         | —                               | 0.091                  | 0.068               | 5.0                             | 0.141                  | 0.128               | —                               | 0.151                  | 0.178               | —                               | 0.398                  | 0.601               | 0.0                             | 0.125                  | 0.085               | —                               | —                      | 0.223               |
| 20         | 1.8                             | 0.091                  | 0.070               | —                               | 0.159                  | 0.158               | 0.0                             | 0.138                  | 0.162               | 8.3                             | 0.332                  | 0.435               | 19.0                            | 0.120                  | 0.102               | 0.6                             | 欠測<br>Missing          | 0.111               |
| 21         | 15.2                            | 0.259                  | 0.269               | —                               | 0.152                  | 0.143               | 5.5                             | 0.148                  | 0.177               | 13.0                            | 0.878                  | 1.540               | 1.9                             | 0.339                  | 0.354               | 21.5                            | —                      | 0.789               |
| 22         | 0.1                             | 0.157                  | 0.152               | 7.2                             | 0.146                  | 0.132               | —                               | 0.152                  | 0.172               | —                               | 0.965                  | 1.902               | 2.0                             | 0.292                  | 0.165               | —                               | —                      | 0.674               |
| 23         | —                               | 0.125                  | 0.116               | 5.0                             | 0.400                  | 0.665               | —                               | 0.138                  | 0.156               | —                               | 0.614                  | 0.997               | —                               | 0.251                  | 0.135               | 2.5                             | —                      | 0.246               |
| 24         | —                               | 0.117                  | 0.105               | 2.7                             | 0.377                  | 0.658               | —                               | 0.135                  | 0.153               | —                               | 0.418                  | 0.607               | —                               | 0.212                  | 0.118               | —                               | —                      | 0.161               |
| 25         | —                               | 0.117                  | 0.105               | —                               | 0.306                  | 0.497               | 0.2                             | 0.129                  | 0.153               | 10.8                            | 0.412                  | 0.566               | —                               | 0.179                  | 0.112               | —                               | —                      | 0.110               |
| 26         | —                               | 0.117                  | 0.105               | —                               | 0.253                  | 0.366               | 9.1                             | 0.127                  | 0.153               | —                               | 0.500                  | 0.820               | 3.3                             | 0.158                  | 0.129               | —                               | —                      | 0.084               |
| 27         | 0.2                             | 0.117                  | 0.105               | —                               | 0.203                  | 0.278               | 2.0                             | 0.266                  | 0.336               | —                               | 0.415                  | 0.565               | —                               | 0.136                  | 0.134               | 6.5                             | —                      | 0.110               |
| 28         | —                               | 0.117                  | 0.105               | —                               | 0.177                  | 0.225               | —                               | 0.281                  | 0.443               | 12.0                            | 0.341                  | 0.441               | —                               | 0.118                  | 0.107               | —                               | —                      | 0.101               |
| 29         | —                               | 0.111                  | 0.104               | —                               | —                      | —                   | —                               | 0.222                  | 0.343               | —                               | 0.602                  | 0.825               | —                               | 0.110                  | 0.094               | —                               | —                      | 0.077               |
| 30         | —                               | 0.110                  | 0.098               | —                               | —                      | —                   | 1.0                             | 0.197                  | 0.290               | 0.2                             | 0.444                  | 0.548               | 0.9                             | 0.110                  | 0.088               | 7.6                             | —                      | 0.098               |
| 31         | —                               | 0.110                  | 0.098               | —                               | —                      | —                   | —                               | 0.187                  | 0.282               | —                               | —                      | —                   | —                               | 0.110                  | 0.082               | —                               | —                      | —                   |
| 計<br>Total | 17.3                            | 3.311                  | 2.810               | 68.0                            | 7.113                  | 9.202               | 67.1                            | 12.654                 | 20.622              | 157.4                           | 50.625                 | 72.948              | 43.2                            | 5.792                  | 4.586               | 128.3                           |                        | 6.602               |

| 項目<br>Item | 1 9 7 4 年            |               |                              |                      |               |                              |                      |               |                              |                      |               |                              |                      |               |                              |                      |               |                              |       |
|------------|----------------------|---------------|------------------------------|----------------------|---------------|------------------------------|----------------------|---------------|------------------------------|----------------------|---------------|------------------------------|----------------------|---------------|------------------------------|----------------------|---------------|------------------------------|-------|
|            | 7 月 July             |               |                              | 8 月 Aug.             |               |                              | 9 月 Sep.             |               |                              | 10 月 Oct.            |               |                              | 11 月 Nov.            |               |                              | 12 月 Dec.            |               |                              |       |
|            | 降水量<br>Precipitation | 流出量<br>Runoff | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff | 露場<br>Meteorological station | 降水量<br>Precipitation | 流出量<br>Runoff | 露場<br>Meteorological station |       |
| 日<br>Day   | 1                    | 24.8          | 北谷<br>KITA-TANI              | 0.147                | 0.256         | 0.126                        | 22.1                 | 0.256         | 0.163                        | 84.2                 | 0.336         | 0.181                        | —                    | 0.382         | 0.284                        | 10.0                 | 0.215         | 0.17                         |       |
|            | 2                    | 26.2          | 北谷<br>KITA-TANI              | 6.084                | 0.244         | 0.123                        | —                    | 0.366         | 0.282                        | 4.7                  | 24.340        | 25.670                       | —                    | 0.312         | 0.222                        | 8.0                  | 0.649         | 0.762                        |       |
|            | 3                    | —             | 北谷<br>KITA-TANI              | 6.362                | 0.227         | 0.122                        | —                    | 0.188         | 0.098                        | —                    | 4.901         | 3.590                        | —                    | 0.284         | 0.196                        | —                    | 0.591         | 0.741                        |       |
|            | 4                    | 24.0          | 北谷<br>KITA-TANI              | 4.860                | 0.216         | 0.112                        | —                    | 0.164         | 0.089                        | —                    | 1.338         | 0.785                        | —                    | 0.279         | 0.186                        | —                    | 0.440         | 0.438                        |       |
|            | 5                    | 39.8          | 北谷<br>KITA-TANI              | 17.711               | 0.213         | 0.110                        | —                    | 0.154         | 0.088                        | —                    | 0.575         | 0.290                        | —                    | 0.303         | 0.216                        | —                    | 0.336         | 0.324                        |       |
|            | 6                    | 29.7          | 北谷<br>KITA-TANI              | 26.875               | 0.208         | 0.108                        | —                    | 0.143         | 0.083                        | —                    | 0.379         | 0.176                        | —                    | 0.274         | 0.188                        | —                    | 0.290         | 0.270                        |       |
|            | 7                    | 12.449        | 北谷<br>KITA-TANI              | 12.449               | 0.264         | 0.172                        | 3.0                  | 0.161         | 0.095                        | 26.2                 | 0.306         | 0.143                        | —                    | 0.268         | 0.181                        | —                    | 0.273         | 0.240                        |       |
|            | 8                    | —             | 北谷<br>KITA-TANI              | 2.069                | 0.272         | 0.148                        | 80.3                 | 0.407         | 0.275                        | 0.0                  | 2.425         | 2.817                        | 1.0                  | 0.266         | 0.179                        | —                    | 0.266         | 0.218                        |       |
|            | 9                    | —             | 北谷<br>KITA-TANI              | 0.635                | 0.202         | 0.109                        | 2.3                  | 8.127         | 7.486                        | 2.4                  | 1.649         | 1.439                        | —                    | 0.256         | 0.171                        | 10.0                 | 0.252         | 0.206                        |       |
|            | 10                   | 12.6          | 北谷<br>KITA-TANI              | 0.345                | 0.194         | 0.100                        | —                    | 1.958         | 0.946                        | —                    | 0.838         | 0.575                        | —                    | 0.238         | 0.171                        | 4.0                  | 0.531         | 0.630                        |       |
|            | 11                   | 8.0           | 北谷<br>KITA-TANI              | 1.335                | 0.242         | 0.138                        | 10.2                 | 0.546         | 0.215                        | —                    | 0.527         | 0.317                        | —                    | 0.225         | 0.171                        | —                    | 0.537         | 0.781                        |       |
|            | 12                   | 5.5           | 北谷<br>KITA-TANI              | 1.625                | 0.277         | 0.154                        | —                    | 0.331         | 0.137                        | —                    | 0.431         | 0.230                        | —                    | 0.224         | 0.170                        | —                    | 0.437         | 0.486                        |       |
|            | 13                   | 2.8           | 北谷<br>KITA-TANI              | 1.925                | 0.204         | 0.110                        | —                    | 0.252         | 0.116                        | —                    | 0.359         | 0.185                        | —                    | 0.212         | 0.162                        | 1.0                  | 0.394         | 0.398                        |       |
|            | 14                   | 21.8          | 北谷<br>KITA-TANI              | 1.406                | 0.199         | 0.104                        | —                    | 0.224         | 0.111                        | —                    | 0.304         | 0.158                        | —                    | 0.203         | 0.162                        | —                    | 0.361         | 0.346                        |       |
|            | 15                   | 18.0          | 北谷<br>KITA-TANI              | 11.025               | 0.216         | 0.107                        | 0.4                  | 0.226         | 0.122                        | —                    | 0.265         | 0.140                        | —                    | 0.196         | 0.162                        | —                    | 0.304         | 0.288                        |       |
|            | 16                   | 24.0          | 北谷<br>KITA-TANI              | 14.322               | 0.169         | 0.090                        | —                    | 0.197         | 0.106                        | —                    | 0.234         | 0.123                        | 10.0                 | 0.196         | 0.162                        | —                    | 0.266         | 0.256                        |       |
|            | 17                   | 17.7          | 北谷<br>KITA-TANI              | 15.922               | 0.161         | 0.088                        | —                    | 0.170         | 0.093                        | —                    | 0.203         | 0.113                        | 16.8                 | 0.928         | 1.001                        | 12.2                 | 0.256         | 0.242                        |       |
|            | 18                   | —             | 北谷<br>KITA-TANI              | 12.204               | 0.156         | 0.087                        | —                    | 0.165         | 0.113                        | —                    | 32.6          | 0.201                        | 0.119                | —             | 0.519                        | 0.979                | 3.0           | 0.753                        | 1.228 |
|            | 19                   | —             | 北谷<br>KITA-TANI              | 5.405                | 0.154         | 0.082                        | —                    | 0.162         | 0.107                        | —                    | 7.6           | 3.934                        | 4.961                | —             | 0.519                        | 0.979                | —             | 0.753                        | 1.228 |
|            | 20                   | 16.7          | 北谷<br>KITA-TANI              | 2.519                | 0.148         | 0.082                        | —                    | 0.149         | 0.087                        | —                    | —             | 2.650                        | 2.400                | —             | 0.420                        | 0.307                | —             | 0.580                        | 0.736 |
|            | 21                   | —             | 北谷<br>KITA-TANI              | 2.326                | 0.159         | 0.089                        | —                    | 0.146         | 0.086                        | —                    | 10.1          | 0.988                        | 0.710                | —             | 0.381                        | 0.262                | —             | 0.468                        | 0.504 |
|            | 22                   | —             | 北谷<br>KITA-TANI              | 1.559                | 0.156         | 0.083                        | —                    | 0.142         | 0.085                        | —                    | 16.2          | 4.074                        | 5.519                | —             | 0.305                        | 0.228                | —             | 0.394                        | 0.406 |
|            | 23                   | 0.9           | 北谷<br>KITA-TANI              | 0.950                | 0.159         | 0.086                        | 22.0                 | 0.223         | 0.137                        | —                    | —             | 4.619                        | 4.410                | 2.2           | 0.270                        | 0.204                | —             | 0.352                        | 0.353 |
|            | 24                   | —             | 北谷<br>KITA-TANI              | 0.672                | 0.313         | 0.151                        | —                    | 0.362         | 0.274                        | —                    | —             | 1.546                        | 1.188                | —             | 0.274                        | 0.204                | —             | 0.339                        | 0.318 |
|            | 25                   | —             | 北谷<br>KITA-TANI              | 0.540                | 0.236         | 0.107                        | —                    | 0.210         | 0.129                        | —                    | —             | 0.796                        | 0.530                | —             | 0.242                        | 0.191                | —             | 0.306                        | 0.290 |
|            | 26                   | —             | 北谷<br>KITA-TANI              | 0.438                | 0.200         | 0.112                        | 10.0                 | 0.187         | 0.116                        | —                    | —             | 0.555                        | 0.342                | —             | 0.235                        | 0.190                | —             | 0.268                        | 0.262 |
|            | 27                   | 4.0           | 北谷<br>KITA-TANI              | 0.370                | 0.176         | 0.101                        | 0.2                  | 0.332         | 0.233                        | —                    | —             | 0.464                        | 0.271                | —             | 0.233                        | 0.181                | —             | 0.256                        | 0.242 |
|            | 28                   | —             | 北谷<br>KITA-TANI              | 0.372                | 0.181         | 0.107                        | —                    | 0.247         | 0.137                        | —                    | —             | 0.365                        | 0.221                | —             | 0.225                        | 0.181                | 2.5           | 0.256                        | 0.234 |
|            | 29                   | —             | 北谷<br>KITA-TANI              | 0.337                | 0.146         | 0.106                        | —                    | 0.205         | 0.137                        | —                    | —             | 0.314                        | 0.188                | —             | 0.225                        | 0.181                | —             | 0.256                        | 0.234 |
|            | 30                   | —             | 北谷<br>KITA-TANI              | 0.300                | 0.142         | 0.101                        | —                    | 0.204         | 0.110                        | —                    | 0.5           | 0.314                        | 0.188                | —             | 0.225                        | 0.181                | —             | 0.256                        | 0.234 |
|            | 31                   | —             | 北谷<br>KITA-TANI              | 0.274                | 0.168         | 0.113                        | —                    | 0.179         | 0.099                        | —                    | 15.0          | 0.597                        | 0.483                | —             | 0.222                        | 0.178                | —             | 0.242                        | 0.234 |
| 計          | 276.5                | 148.861       | 59.8                         | 6.511                | 3.681         | 142.7                        | 16.578               | 12.218        | 199.5                        | 61.074               | 58.757        | 33.0                         | 9.488                | 7.704         | 51.2                         | 11.844               | 13.181        | 計                            |       |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 7 5 年                     |                     |                  |                               |                     |                  |                               |                     |                  |                               |                     |                  |                               |                     |                  |                               |                     |                  |
|------------|-------------------------------|---------------------|------------------|-------------------------------|---------------------|------------------|-------------------------------|---------------------|------------------|-------------------------------|---------------------|------------------|-------------------------------|---------------------|------------------|-------------------------------|---------------------|------------------|
|            | 1 月 Jan.                      |                     |                  | 2 月 Feb.                      |                     |                  | 3 月 Mar.                      |                     |                  | 4 月 Apr.                      |                     |                  | 5 月 May                       |                     |                  | 6 月 June                      |                     |                  |
|            | 降水量<br>Precipitation          | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation          | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation          | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation          | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation          | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation          | 流 出 量<br>Runoff     |                  |
|            | 露 場<br>Meteorological station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI |
| 日<br>Day   |                               |                     |                  |                               |                     |                  |                               |                     |                  |                               |                     |                  |                               |                     |                  |                               |                     |                  |
| 1          | 0.5                           | 0.225               | 0.218            | 1.0                           | 0.314               | 0.336            | —                             | 0.235               | 0.245            | —                             | 0.225               | 0.257            | —                             | 0.363               | 0.452            | —                             | 0.177               | 0.170            |
| 2          | —                             | 0.225               | 0.211            | 2.0                           | 0.314               | 0.336            | —                             | 0.235               | 0.245            | 1.5                           | 0.225               | 0.257            | 2.5                           | 0.320               | 0.375            | —                             | 0.169               | 0.162            |
| 3          | —                             | 0.224               | 0.208            | 13.0                          | 0.294               | 0.318            | —                             | 0.232               | 0.240            | —                             | 0.218               | 0.254            | 12.1                          | 0.344               | 0.382            | —                             | 0.162               | 0.162            |
| 4          | 0.0                           | 0.210               | 0.196            | 6.0                           | 0.926               | 1.560            | —                             | 0.225               | 0.230            | —                             | 0.206               | 0.234            | 0.2                           | 0.517               | 0.677            | 23.5                          | 0.168               | 0.168            |
| 5          | —                             | 0.206               | 0.191            | —                             | 1.257               | 2.148            | 12.1                          | 0.243               | 0.249            | 13.0                          | 0.205               | 0.222            | —                             | 0.402               | 0.527            | 0.8                           | 0.464               | 0.504            |
| 6          | —                             | 0.206               | 0.191            | 7.0                           | 0.902               | 1.244            | —                             | 0.388               | 0.516            | —                             | 0.479               | 0.721            | —                             | 0.326               | 0.401            | 16.6                          | 0.444               | 0.478            |
| 7          | 9.5                           | 0.206               | 0.191            | 1.0                           | 0.962               | 1.281            | —                             | 0.286               | 0.419            | 6.4                           | 0.490               | 0.452            | —                             | 0.273               | 0.324            | —                             | 0.572               | 0.643            |
| 8          | 3.5                           | 0.423               | 0.506            | —                             | 0.925               | 1.327            | —                             | 0.260               | 0.344            | 3.4                           | 0.463               | 0.777            | 1.0                           | 0.242               | 0.278            | —                             | 0.288               | 0.282            |
| 9          | —                             | 0.369               | 0.562            | —                             | 0.752               | 1.003            | 7.1                           | 0.246               | 0.308            | —                             | 0.478               | 0.867            | 24.8                          | 0.941               | 1.368            | —                             | 0.219               | 0.209            |
| 10         | —                             | 0.296               | 0.412            | —                             | 0.641               | 0.788            | —                             | 0.343               | 0.494            | 3.7                           | 0.404               | 0.611            | —                             | 1.703               | 2.765            | 13.0                          | 0.221               | 0.247            |
| 11         | —                             | 0.262               | 0.344            | —                             | 0.549               | 0.631            | —                             | 0.296               | 0.471            | —                             | 0.355               | 0.528            | —                             | 0.949               | 1.092            | —                             | 0.223               | 0.243            |
| 12         | —                             | 0.240               | 0.305            | —                             | 0.474               | 0.521            | —                             | 0.274               | 0.414            | 6.6                           | 0.294               | 0.434            | —                             | 0.581               | 0.578            | 2.1                           | 0.178               | 0.181            |
| 13         | —                             | 0.231               | 0.276            | —                             | 0.420               | 0.452            | —                             | 0.266               | 0.366            | 13.9                          | 0.586               | 1.048            | 0.7                           | 0.431               | 0.422            | —                             | 0.176               | 0.179            |
| 14         | —                             | 0.224               | 0.248            | 3.5                           | 0.387               | 0.411            | —                             | 0.254               | 0.332            | —                             | 1.434               | 3.226            | 0.3                           | 0.393               | 0.376            | —                             | 0.163               | 0.168            |
| 15         | 1.0                           | 0.215               | 0.232            | —                             | 0.396               | 0.408            | —                             | 0.246               | 0.315            | —                             | 1.317               | 2.120            | 0.0                           | 0.347               | 0.351            | —                             | 0.154               | 0.158            |
| 16         | —                             | 0.215               | 0.222            | —                             | 0.349               | 0.388            | —                             | 0.242               | 0.302            | 19.3                          | 0.803               | 1.134            | 5.0                           | 0.314               | 0.318            | —                             | 0.141               | 0.151            |
| 17         | 0.1                           | 0.212               | 0.218            | —                             | 0.318               | 0.357            | —                             | 0.232               | 0.282            | 11.2                          | 4.687               | 8.884            | —                             | 0.309               | 0.320            | 13.1                          | 0.167               | 0.183            |
| 18         | —                             | 0.194               | 0.208            | —                             | 0.292               | 0.329            | —                             | 0.224               | 0.276            | —                             | 4.784               | 6.223            | 14.9                          | 0.244               | 0.254            | 24.9                          | 1.204               | 1.813            |
| 19         | —                             | 0.187               | 0.201            | 0.5                           | 0.290               | 0.308            | 5.9                           | 0.215               | 0.257            | —                             | 1.909               | 2.187            | 0.2                           | 0.516               | 0.618            | 0.6                           | 0.823               | 1.293            |
| 20         | —                             | 0.183               | 0.191            | —                             | 0.290               | 0.300            | 8.0                           | 0.372               | 0.510            | 20.1                          | 1.102               | 1.170            | —                             | 0.342               | 0.402            | 0.1                           | 0.414               | 0.467            |
| 21         | 4.0                           | 0.178               | 0.171            | 4.0                           | 0.290               | 0.295            | —                             | 0.375               | 0.714            | 3.0                           | 2.683               | 4.714            | —                             | 0.267               | 0.295            | 31.0                          | 0.412               | 0.417            |
| 22         | 13.2                          | 1.205               | 1.685            | —                             | 0.279               | 0.290            | —                             | 0.304               | 0.500            | —                             | 2.861               | 3.828            | —                             | 0.231               | 0.246            | 2.6                           | 4.088               | 7.387            |
| 23         | —                             | 1.432               | 1.837            | —                             | 0.256               | 0.276            | 0.1                           | 0.290               | 0.447            | 15.3                          | 1.859               | 2.281            | —                             | 0.208               | 0.220            | 21.0                          | 2.038               | 2.321            |
| 24         | 3.0                           | 0.911               | 1.073            | —                             | 0.240               | 0.257            | 2.4                           | 0.275               | 0.396            | —                             | 3.183               | 4.693            | —                             | 0.194               | 0.206            | 24.4                          | 9.333               | 14.458           |
| 25         | —                             | 0.763               | 0.839            | —                             | 0.235               | 0.254            | —                             | 0.266               | 0.363            | —                             | 2.238               | 2.647            | —                             | 0.190               | 0.201            | 42.8                          | 29.430              | 35.498           |
| 26         | —                             | 0.625               | 0.714            | —                             | 0.235               | 0.245            | 3.0                           | 0.266               | 0.350            | 1.6                           | 1.235               | 1.431            | 4.2                           | 0.211               | 0.226            | 0.7                           | 15.039              | 13.752           |
| 27         | —                             | 0.551               | 0.594            | 1.0                           | 0.235               | 0.245            | —                             | 0.262               | 0.338            | 0.3                           | 0.857               | 0.985            | —                             | 0.222               | 0.212            | 16.7                          | 3.139               | 2.643            |
| 28         | —                             | 0.483               | 0.524            | 0.2                           | 0.235               | 0.245            | —                             | 0.242               | 0.299            | 0.8                           | 0.614               | 0.749            | 0.0                           | 0.190               | 0.187            | 1.3                           | 3.732               | 4.676            |
| 29         | —                             | 0.384               | 0.451            | —                             | —                   | —                | 0.2                           | 0.235               | 0.282            | 5.7                           | 0.552               | 0.667            | —                             | 0.196               | 0.190            | 1.8                           | 3.203               | 3.300            |
| 30         | —                             | 0.347               | 0.389            | —                             | —                   | —                | 0.2                           | 0.235               | 0.282            | —                             | 0.441               | 0.580            | 0.6                           | 0.196               | 0.188            | —                             | 1.501               | 1.311            |
| 31         | —                             | 0.316               | 0.357            | —                             | —                   | —                | —                             | 0.232               | 0.276            | —                             | —                   | —                | —                             | 0.193               | 0.185            | —                             | —                   | —                |
| 計<br>Total | 34.8                          | 11.948              | 13.965           | 39.2                          | 13.057              | 16.553           | 39.0                          | 8.296               | 11.062           | 125.8                         | 36.988              | 54.181           | 66.5                          | 12.155              | 14.636           | 237.0                         | 78.442              | 93.624           |

| 項目<br>Item | 1 9 7 5 年                        |                     |                  |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |
|------------|----------------------------------|---------------------|------------------|----------------------------------|---------------------|------------------|----------------------------------|---------------------|------------------|----------------------------------|---------------------|------------------|----------------------------------|---------------------|------------------|----------------------------------|---------------------|------------------|
|            | 7 月 July                         |                     |                  | 8 月 Aug.                         |                     |                  | 9 月 Sep.                         |                     |                  | 10 月 Oct.                        |                     |                  | 11 月 Nov.                        |                     |                  | 12 月 Dec.                        |                     |                  |
|            | 降水量<br>Precipitation             | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation             | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation             | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation             | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation             | 流 出 量<br>Runoff     |                  | 降水量<br>Precipitation             | 流 出 量<br>Runoff     |                  |
|            | 露 場<br>Meteorological<br>station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI | 露 場<br>Meteorological<br>station | 南 谷<br>MINA-MI-TANI | 北 谷<br>KITA-TANI |
| 日<br>Day   |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |                                  |                     |                  |
| 1          | —                                | 0.782               | 0.547            | —                                | 0.219               | 0.142            | —                                | 0.164               | 0.122            | 0.8                              | 0.326               | 0.313            | —                                | 0.260               | 0.242            | —                                | 0.256               | 0.222            |
| 2          | —                                | 0.552               | 0.343            | —                                | 0.211               | 0.135            | 0.4                              | 0.167               | 0.124            | 4.5                              | 0.256               | 0.218            | —                                | 0.227               | 0.200            | —                                | 0.256               | 0.222            |
| 3          | 15.0                             | 0.500               | 0.316            | —                                | 0.207               | 0.130            | —                                | 0.172               | 0.123            | 2.2                              | 0.296               | 0.261            | —                                | 0.212               | 0.179            | —                                | 0.250               | 0.222            |
| 4          | —                                | 0.662               | 0.554            | 0.0                              | 0.205               | 0.127            | —                                | 0.160               | 0.111            | 6.7                              | 0.263               | 0.218            | —                                | 0.206               | 0.171            | 21.5                             | 0.287               | 0.298            |
| 5          | 25.6                             | 1.233               | 1.497            | —                                | 0.207               | 0.127            | —                                | 0.148               | 0.113            | —                                | 0.333               | 0.305            | —                                | 0.206               | 0.172            | —                                | 1.274               | 1.744            |
| 9          | 7.4                              | 4.887               | 7.187            | 9.7                              | 0.250               | 0.161            | —                                | 0.141               | 0.111            | 0.2                              | 0.242               | 0.205            | 16.2                             | 0.290               | 0.255            | 15.0                             | 0.901               | 1.149            |
| 7          | 0.2                              | 2.424               | 2.494            | 6.6                              | 0.360               | 0.275            | —                                | 0.134               | 0.105            | 18.0                             | 0.231               | 0.188            | —                                | 0.449               | 0.488            | 1.3                              | 2.848               | 4.179            |
| 8          | —                                | 1.248               | 1.165            | —                                | 0.278               | 0.199            | 0.6                              | 0.154               | 0.112            | —                                | 1.356               | 1.735            | —                                | 0.301               | 0.274            | —                                | 1.823               | 2.048            |
| 9          | 2.1                              | 0.745               | 0.573            | —                                | 0.212               | 0.157            | —                                | 0.137               | 0.085            | —                                | 0.483               | 0.524            | —                                | 0.252               | 0.219            | —                                | 1.098               | 1.118            |
| 10         | 0.0                              | 0.587               | 0.424            | —                                | 0.202               | 0.145            | —                                | 0.122               | 0.074            | —                                | 0.281               | 0.238            | —                                | 0.218               | 0.190            | —                                | 0.726               | 0.682            |
| 11         | 6.0                              | 0.519               | 0.363            | —                                | 0.198               | 0.136            | —                                | 0.133               | 0.077            | 45.0                             | 0.255               | 0.207            | —                                | 0.206               | 0.179            | —                                | 0.589               | 0.515            |
| 12         | 6.4                              | 0.491               | 0.362            | —                                | 0.197               | 0.128            | —                                | 0.134               | 0.072            | 12.0                             | 0.253               | 0.202            | —                                | 0.206               | 0.171            | —                                | 0.490               | 0.436            |
| 13         | 11.7                             | 0.625               | 0.543            | —                                | 0.185               | 0.121            | 0.3                              | 0.123               | 0.073            | —                                | 4.119               | 5.186            | 6.0                              | 0.206               | 0.171            | —                                | 0.422               | 0.383            |
| 14         | 14.4                             | 4.405               | 5.560            | —                                | 0.174               | 0.115            | —                                | 0.111               | 0.070            | —                                | 1.673               | 1.948            | 65.0                             | 1.843               | 2.585            | —                                | 0.394               | 0.340            |
| 15         | —                                | 4.128               | 3.956            | —                                | 0.171               | 0.110            | 6.9                              | 0.137               | 0.090            | —                                | 0.643               | 0.699            | 0.0                              | 20.317              | 26.803           | —                                | 0.378               | 0.316            |
| 16         | —                                | 1.512               | 1.193            | 3.3                              | 0.170               | 0.109            | —                                | 0.155               | 0.095            | 11.2                             | 0.388               | 0.376            | —                                | 5.627               | 5.090            | —                                | 0.336               | 0.290            |
| 17         | —                                | 0.810               | 0.571            | 12.0                             | 0.260               | 0.202            | 12.9                             | 0.235               | 0.189            | 22.2                             | 0.822               | 1.202            | —                                | 1.600               | 1.516            | —                                | 0.298               | 0.270            |
| 18         | —                                | 0.542               | 0.364            | 10.8                             | 0.313               | 0.244            | 0.8                              | 0.208               | 0.146            | 5.4                              | 5.067               | 8.836            | 8.9                              | 0.868               | 0.778            | —                                | 0.282               | 0.257            |
| 19         | —                                | 0.427               | 0.276            | —                                | 0.275               | 0.197            | —                                | 0.183               | 0.127            | —                                | 3.856               | 4.484            | 2.1                              | 1.033               | 1.159            | —                                | 0.274               | 0.254            |
| 20         | —                                | 0.376               | 0.250            | —                                | 0.208               | 0.145            | —                                | 0.154               | 0.104            | —                                | 1.372               | 1.446            | —                                | 0.955               | 1.131            | —                                | 0.268               | 0.245            |
| 21         | —                                | 0.341               | 0.228            | 2.5                              | 0.189               | 0.133            | —                                | 0.143               | 0.105            | —                                | 0.598               | 0.595            | —                                | 0.653               | 0.697            | —                                | 0.268               | 0.245            |
| 22         | —                                | 0.304               | 0.208            | 41.2                             | 0.345               | 0.282            | 0.1                              | 0.149               | 0.103            | —                                | 0.359               | 0.315            | —                                | 0.478               | 0.516            | —                                | 0.266               | 0.245            |
| 23         | —                                | 0.283               | 0.181            | 2.9                              | 1.082               | 0.929            | 103.4                            | 4.688               | 6.342            | 5.9                              | 0.310               | 0.238            | —                                | 0.413               | 0.405            | —                                | 0.252               | 0.238            |
| 24         | —                                | 0.306               | 0.185            | —                                | 0.278               | 0.199            | —                                | 2.336               | 2.736            | 0.4                              | 0.373               | 0.299            | —                                | 0.352               | 0.341            | —                                | 0.246               | 0.222            |
| 25         | —                                | 0.282               | 0.179            | —                                | 0.204               | 0.152            | —                                | 0.398               | 0.279            | —                                | 0.294               | 0.242            | —                                | 0.290               | 0.284            | —                                | 0.246               | 0.222            |
| 26         | —                                | 0.282               | 0.179            | —                                | 0.201               | 0.146            | 19.5                             | 0.259               | 0.164            | —                                | 0.248               | 0.190            | 3.6                              | 0.279               | 0.257            | —                                | 0.242               | 0.218            |
| 27         | —                                | 0.267               | 0.173            | —                                | 0.197               | 0.151            | —                                | 0.920               | 0.969            | —                                | 0.232               | 0.171            | 1.5                              | 0.304               | 0.289            | —                                | 0.235               | 0.211            |
| 28         | —                                | 0.257               | 0.167            | —                                | 0.190               | 0.142            | 21.0                             | 0.434               | 0.381            | 15.6                             | 0.233               | 0.181            | —                                | 0.290               | 0.270            | —                                | 0.235               | 0.211            |
| 29         | —                                | 0.237               | 0.156            | —                                | 0.181               | 0.133            | 0.8                              | 1.859               | 2.849            | 0.4                              | 0.667               | 0.758            | —                                | 0.279               | 0.257            | —                                | 0.235               | 0.211            |
| 30         | —                                | 0.235               | 0.151            | —                                | 0.171               | 0.125            | —                                | 0.737               | 1.106            | 0.2                              | 0.405               | 0.422            | —                                | 0.272               | 0.242            | —                                | 0.235               | 0.211            |
| 31         | —                                | 0.230               | 0.152            | —                                | 0.166               | 0.122            | —                                | —                   | —                | 0.1                              | 0.312               | 0.294            | —                                | —                   | —                | —                                | 0.235               | 0.211            |
| 計<br>Total | 88.8                             | 30.479              | 30.497           | 89.0                             | 7.706               | 5.619            | 166.7                            | 14.995              | 17.157           | 150.8                            | 35.546              | 49.196           | 103.3                            | 39.092              | 45.531           | 37.8                             | 16.145              | 17.635           |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1 9 7 6 年                       |                        |                 |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |
|------------|---------------------------------|------------------------|-----------------|---------------------------------|------------------------|-----------------|---------------------------------|------------------------|-----------------|---------------------------------|------------------------|-----------------|---------------------------------|------------------------|-----------------|---------------------------------|------------------------|-----------------|
|            | 1 月 Jan.                        |                        |                 | 2 月 Feb.                        |                        |                 | 3 月 Mar.                        |                        |                 | 4 月 Apr.                        |                        |                 | 5 月 May                         |                        |                 | 6 月 June                        |                        |                 |
|            | 降水量<br>Precipitation            | 流出量<br>Runoff          |                 | 降水量<br>Precipitation            | 流出量<br>Runoff          |                 | 降水量<br>Precipitation            | 流出量<br>Runoff          |                 | 降水量<br>Precipitation            | 流出量<br>Runoff          |                 | 降水量<br>Precipitation            | 流出量<br>Runoff          |                 | 降水量<br>Precipitation            | 流出量<br>Runoff          |                 |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-TANI | 北谷<br>KITA-TANI |
| 日<br>Day   |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |                                 |                        |                 |
| 1          | —                               | 0.235                  | 0.211           | —                               | 0.187                  | 0.171           | —                               | 3.581                  | 4.471           | —                               | 1.476                  | 1.792           | —                               | 7.166                  | 7.263           | —                               | 2.004                  | 1.606           |
| 2          | —                               | 0.235                  | 0.211           | —                               | 0.187                  | 0.171           | —                               | 1.667                  | 2.016           | 1.3                             | 0.923                  | 1.118           | —                               | 3.274                  | 2.906           | 4.0                             | 1.240                  | 0.889           |
| 3          | 16.5                            | 0.247                  | 0.213           | —                               | 0.187                  | 0.171           | 0.5                             | 1.037                  | 1.230           | 1.5                             | 0.706                  | 0.860           | —                               | 1.736                  | 1.462           | —                               | 0.896                  | 0.680           |
| 4          | —                               | 0.555                  | 0.768           | 4.0                             | 0.187                  | 0.171           | —                               | 0.690                  | 0.836           | —                               | 0.594                  | 0.718           | —                               | 1.155                  | 0.908           | 23.0                            | 0.708                  | 0.472           |
| 5          | —                               | 0.332                  | 0.429           | 7.3                             | 0.287                  | 0.300           | —                               | 0.534                  | 0.641           | 2.2                             | 0.489                  | 0.585           | —                               | 0.846                  | 0.656           | 6.5                             | 2.927                  | 4.190           |
| 6          | —                               | 0.281                  | 0.341           | —                               | 0.282                  | 0.310           | —                               | 0.461                  | 0.542           | 14.4                            | 1.019                  | 1.546           | —                               | 0.658                  | 0.491           | —                               | 3.346                  | 4.147           |
| 7          | —                               | 0.256                  | 0.288           | —                               | 0.235                  | 0.242           | —                               | 0.436                  | 0.489           | —                               | 1.271                  | 2.290           | —                               | 0.523                  | 0.380           | 0.2                             | 1.834                  | 1.631           |
| 8          | 2.2                             | 0.256                  | 0.276           | —                               | 0.225                  | 0.234           | —                               | 0.398                  | 0.447           | 4.5                             | 0.933                  | 1.393           | 0.4                             | 0.460                  | 0.318           | 8.5                             | 1.201                  | 0.869           |
| 9          | —                               | 0.238                  | 0.264           | —                               | 0.225                  | 0.234           | —                               | 0.366                  | 0.415           | 0.1                             | 0.793                  | 1.103           | —                               | 0.425                  | 0.290           | 20.6                            | 1.671                  | 1.867           |
| 10         | —                               | 0.232                  | 0.254           | 0.0                             | 0.225                  | 0.234           | 1.0                             | 0.342                  | 0.390           | —                               | 0.648                  | 0.959           | —                               | 0.404                  | 0.256           | 27.2                            | 5.792                  | 8.020           |
| 11         | 0.1                             | 0.225                  | 0.245           | —                               | 0.214                  | 0.220           | 11.5                            | 0.314                  | 0.360           | 7.0                             | 0.567                  | 0.791           | 9.1                             | 0.394                  | 0.244           | —                               | 15.873                 | 18.187          |
| 12         | —                               | 0.225                  | 0.242           | —                               | 0.206                  | 0.211           | 0.0                             | 0.506                  | 0.748           | 2.1                             | 0.627                  | 0.888           | 7.4                             | 0.672                  | 0.537           | —                               | 5.109                  | 4.234           |
| 13         | 0.5                             | 0.224                  | 0.228           | 4.8                             | 0.206                  | 0.218           | —                               | 0.373                  | 0.595           | 62.2                            | 1.263                  | 1.919           | —                               | 0.490                  | 0.376           | —                               | 2.177                  | 1.841           |
| 14         | 0.1                             | 0.215                  | 0.222           | 0.7                             | 0.206                  | 0.234           | 0.1                             | 0.324                  | 0.462           | 13.9                            | 43.572                 | 51.480          | —                               | 0.408                  | 0.264           | 33.6                            | 2.988                  | 5.479           |
| 15         | —                               | 0.210                  | 0.218           | 1.5                             | 0.206                  | 0.234           | 0.1                             | 0.314                  | 0.424           | —                               | 10.504                 | 9.287           | 0.3                             | 0.382                  | 0.232           | —                               | 3.328                  | 6.556           |
| 16         | —                               | 0.206                  | 0.204           | 3.3                             | 0.230                  | 0.278           | 17.3                            | 0.306                  | 0.399           | —                               | 3.336                  | 3.076           | 9.1                             | 0.537                  | 0.321           | —                               | 1.707                  | 2.061           |
| 17         | —                               | 0.206                  | 0.201           | 10.9                            | 0.254                  | 0.305           | 0.3                             | 1.507                  | 2.677           | —                               | 1.656                  | 1.673           | —                               | 0.521                  | 0.316           | —                               | 1.112                  | 0.967           |
| 18         | —                               | 0.206                  | 0.195           | 6.7                             | 1.209                  | 2.349           | 3.3                             | 1.278                  | 2.090           | —                               | 1.037                  | 1.046           | 24.4                            | 0.462                  | 0.244           | 5.7                             | 0.882                  | 0.659           |
| 19         | —                               | 0.202                  | 0.191           | —                               | 0.949                  | 2.053           | —                               | 0.912                  | 1.355           | —                               | 0.798                  | 0.791           | 0.0                             | 1.957                  | 2.342           | 0.2                             | 0.811                  | 0.639           |
| 20         | —                               | 0.196                  | 0.191           | —                               | 0.528                  | 0.933           | —                               | 0.651                  | 0.952           | 4.6                             | 0.654                  | 0.651           | 23.1                            | 0.990                  | 1.115           | —                               | 0.690                  | 0.522           |
| 21         | —                               | 0.196                  | 0.186           | 12.3                            | 0.437                  | 0.648           | —                               | 0.540                  | 0.759           | 9.2                             | 0.919                  | 1.240           | 37.1                            | 18.138                 | 24.281          | 0.1                             | 0.619                  | 0.412           |
| 22         | —                               | 0.190                  | 0.181           | 10.7                            | 2.295                  | 4.118           | —                               | 0.469                  | 0.642           | 0.8                             | 0.799                  | 1.291           | 6.1                             | 13.408                 | 12.534          | —                               | 0.619                  | 0.408           |
| 23         | —                               | 0.197                  | 0.176           | —                               | 3.401                  | 5.238           | —                               | 0.439                  | 0.569           | 4.1                             | 0.734                  | 0.931           | 0.2                             | 3.568                  | 3.313           | 15.3                            | 0.566                  | 0.361           |
| 24         | —                               | 0.187                  | 0.171           | —                               | 1.545                  | 2.078           | —                               | 0.385                  | 0.492           | —                               | 0.654                  | 0.792           | 11.0                            | 2.033                  | 2.050           | 10.9                            | 0.847                  | 0.742           |
| 25         | —                               | 0.187                  | 0.171           | —                               | 0.864                  | 1.116           | —                               | 0.325                  | 0.424           | 2.3                             | 0.564                  | 0.637           | 0.9                             | 3.022                  | 3.675           | 4.5                             | 1.290                  | 1.600           |
| 26         | —                               | 0.187                  | 0.171           | —                               | 0.579                  | 0.766           | 10.9                            | 0.321                  | 0.394           | —                               | 0.556                  | 0.566           | 4.8                             | 3.138                  | 2.983           | —                               | 1.050                  | 0.421           |
| 27         | —                               | 0.187                  | 0.171           | 3.1                             | 0.446                  | 0.566           | —                               | 0.546                  | 0.817           | —                               | 0.491                  | 0.479           | —                               | 1.964                  | 1.571           | —                               | 0.724                  | 0.700           |
| 28         | —                               | 0.187                  | 0.171           | 15.4                            | 0.539                  | 0.731           | —                               | 0.418                  | 0.668           | 43.0                            | 0.448                  | 0.406           | —                               | 1.228                  | 0.778           | —                               | 0.612                  | 0.470           |
| 29         | —                               | 0.187                  | 0.171           | 7.1                             | 3.173                  | 5.392           | 25.7                            | 0.398                  | 0.570           | 17.5                            | 12.981                 | 18.615          | 24.0                            | 0.917                  | 0.542           | —                               | 0.519                  | 0.371           |
| 30         | —                               | 0.187                  | 0.171           | —                               | —                      | —               | 0.1                             | 5.467                  | 8.947           | 9.1                             | 11.538                 | 13.006          | 2.4                             | 5.214                  | 6.793           | —                               | 0.468                  | 0.316           |
| 31         | —                               | 0.187                  | 0.171           | —                               | —                      | —               | —                               | 3.516                  | 4.092           | —                               | —                      | —               | —                               | 4.296                  | 4.022           | —                               | —                      | —               |
| 計<br>Total | 19.4                            | 7.060                  | 7.303           | 87.8                            | 19.714                 | 29.926          | 70.8                            | 28.821                 | 39.913          | 199.8                           | 102.550                | 121.979         | 160.3                           | 80.386                 | 83.463          | 160.3                           | 63.610                 | 72.317          |

| 項目<br>Item | 1 9 7 6 年                    |                   |                              |                   |                              |                   |                              |                   |                              |                   |                              |                   |
|------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|
|            | 7 月 July                     |                   | 8 月 Aug.                     |                   | 9 月 Sep.                     |                   | 10 月 Oct.                    |                   | 11 月 Nov.                    |                   | 12 月 Dec.                    |                   |
|            | 降水量<br>Precipitation         | 流出量<br>Runoff     | 降水量<br>Precipitation         | 流出量<br>Runoff     | 降水量<br>Precipitation         | 流出量<br>Runoff     | 降水量<br>Precipitation         | 流出量<br>Runoff     | 降水量<br>Precipitation         | 流出量<br>Runoff     | 降水量<br>Precipitation         | 流出量<br>Runoff     |
| 日<br>Day   | 露場<br>Meteorological station | 南谷<br>MINA-KITANI | 露場<br>Meteorological station | 南谷<br>MINA-KITANI | 露場<br>Meteorological station | 南谷<br>MINA-KITANI | 露場<br>Meteorological station | 南谷<br>MINA-KITANI | 露場<br>Meteorological station | 南谷<br>MINA-KITANI | 露場<br>Meteorological station | 南谷<br>MINA-KITANI |
| 1          | —                            | 0.434             | —                            | 0.222             | 0.146                        | 0.191             | 0.302                        | 0.199             | —                            | 0.352             | —                            | 0.302             |
| 2          | —                            | 0.422             | 3.9                          | 0.216             | 0.141                        | 0.177             | 0.296                        | 0.190             | —                            | 0.326             | —                            | 0.302             |
| 3          | 0.3                          | 0.409             | 16.5                         | 0.483             | 0.418                        | 0.339             | 0.284                        | 0.179             | —                            | 0.326             | —                            | 0.292             |
| 4          | 28.2                         | 0.546             | 1.7                          | 0.308             | 0.236                        | 0.276             | 0.197                        | 1.6               | 1.6                          | 0.341             | —                            | 0.214             |
| 5          | —                            | 0.943             | —                            | 0.267             | 0.196                        | 0.209             | 0.134                        | 0.176             | —                            | 0.352             | —                            | 0.290             |
| 6          | 3.7                          | 0.561             | 4.0                          | 0.234             | 0.168                        | 0.172             | 0.120                        | 0.153             | 0.1                          | 0.348             | —                            | 0.284             |
| 7          | 0.0                          | 0.537             | —                            | 0.250             | 0.181                        | 0.161             | 0.114                        | —                 | —                            | 0.332             | —                            | 0.274             |
| 8          | —                            | 0.466             | 3.7                          | 0.220             | 0.150                        | 1.434             | 1.366                        | 0.248             | —                            | 0.332             | 2.7                          | 0.268             |
| 9          | 10.1                         | 0.404             | 0.5                          | 0.262             | 0.187                        | 2.638             | 3.224                        | 0.594             | —                            | 0.314             | —                            | 0.268             |
| 10         | 4.3                          | 0.584             | —                            | 0.229             | 0.161                        | 33.834            | 53.772                       | 3.896             | 12.4                         | 0.343             | —                            | 0.266             |
| 11         | —                            | 0.571             | 0.4                          | 0.220             | 0.146                        | 68.614            | 79.804                       | 0.540             | —                            | 0.480             | —                            | 0.181             |
| 12         | 3.7                          | 0.459             | —                            | 0.210             | 0.134                        | 107.933           | 110.038                      | 0.417             | —                            | 0.331             | —                            | 0.256             |
| 13         | 3.0                          | 0.432             | —                            | 0.191             | 0.126                        | 28.097            | 25.112                       | 0.362             | 9.2                          | 0.320             | 1.6                          | 0.246             |
| 14         | 0.2                          | 0.458             | —                            | 0.181             | 0.115                        | 6.010             | 5.093                        | 1.285             | —                            | 0.493             | —                            | 0.242             |
| 15         | —                            | 0.398             | —                            | 0.166             | 0.109                        | 1.918             | 1.606                        | 1.644             | —                            | 0.373             | —                            | 0.235             |
| 16         | —                            | 0.365             | 9.6                          | 0.272             | 0.196                        | 0.896             | 0.627                        | 0.814             | —                            | 0.332             | 5.2                          | 0.246             |
| 17         | 0.3                          | 0.354             | —                            | 0.211             | 0.131                        | 0.586             | 0.358                        | 0.455             | 22.9                         | 0.384             | —                            | 0.248             |
| 18         | 2.0                          | 0.339             | 0.0                          | 0.172             | 0.116                        | 0.442             | 0.243                        | 0.455             | —                            | 2.082             | —                            | 0.246             |
| 19         | —                            | 0.363             | —                            | 0.191             | 0.119                        | 3.2               | 0.365                        | 11.5              | —                            | 0.840             | —                            | 0.246             |
| 20         | —                            | 0.324             | —                            | 0.177             | 0.116                        | 25.0              | 0.791                        | 0.7               | 0.1                          | 0.604             | —                            | 0.238             |
| 21         | —                            | 0.314             | —                            | 0.170             | 0.105                        | 1.669             | 2.379                        | 0.556             | 0.6                          | 0.496             | —                            | 0.330             |
| 22         | —                            | 0.295             | —                            | 0.168             | 0.104                        | 0.927             | 1.136                        | 0.459             | 1.5                          | 0.427             | 13.9                         | 0.385             |
| 23         | 10.1                         | 0.282             | 18.8                         | 0.354             | 0.305                        | 0.620             | 0.591                        | 1.131             | —                            | 0.401             | —                            | 0.405             |
| 24         | —                            | 0.395             | —                            | 0.236             | 0.159                        | 4.438             | 3.351                        | 4.704             | —                            | 0.370             | 13.2                         | 0.290             |
| 25         | —                            | 0.286             | 2.7                          | 0.185             | 0.128                        | 0.358             | 0.218                        | 1.645             | —                            | 0.342             | 0.0                          | 0.914             |
| 26         | —                            | 0.262             | 9.0                          | 0.314             | 0.249                        | 0.343             | 0.218                        | 0.825             | —                            | 0.339             | 0.0                          | 0.583             |
| 27         | 0.0                          | 0.248             | 15.0                         | 0.273             | 0.203                        | 0.396             | 0.276                        | 0.623             | —                            | 0.330             | —                            | 0.387             |
| 28         | —                            | 0.251             | —                            | 0.421             | 0.337                        | 0.348             | 0.219                        | 0.626             | —                            | 0.318             | —                            | 0.321             |
| 29         | —                            | 0.237             | 5.6                          | 0.228             | 0.153                        | 0.308             | 0.190                        | 0.476             | —                            | 0.314             | —                            | 0.294             |
| 30         | —                            | 0.234             | 3.5                          | 0.294             | 0.233                        | 0.190             | 0.193                        | 0.399             | —                            | 0.306             | —                            | 0.275             |
| 31         | —                            | 0.226             | —                            | 0.252             | 0.181                        | 0.302             | 0.193                        | 0.370             | 0.8                          | 0.222             | —                            | 0.266             |
| 計<br>Total | 65.9                         | 12.399            | 94.9                         | 7.577             | 5.449                        | 260.799           | 289.044                      | 26.790            | 48.4                         | 13.238            | 36.6                         | 9.613             |

Table 1. (つづき) (Continued)

| 項目<br>Item | 1977年                           |                            |                     |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |
|------------|---------------------------------|----------------------------|---------------------|---------------------------------|----------------------------|---------------------|---------------------------------|----------------------------|---------------------|---------------------------------|----------------------------|---------------------|---------------------------------|----------------------------|---------------------|---------------------------------|----------------------------|---------------------|
|            | 1月 Jan.                         |                            |                     | 2月 Feb.                         |                            |                     | 3月 Mar.                         |                            |                     | 4月 Apr.                         |                            |                     | 5月 May                          |                            |                     | 6月 June                         |                            |                     |
|            | 降水量<br>Precipitation            |                            | 流出量<br>Runoff       | 降水量<br>Precipitation            |                            | 流出量<br>Runoff       | 降水量<br>Precipitation            |                            | 流出量<br>Runoff       | 降水量<br>Precipitation            |                            | 流出量<br>Runoff       | 降水量<br>Precipitation            |                            | 流出量<br>Runoff       | 降水量<br>Precipitation            |                            | 流出量<br>Runoff       |
|            | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI | 露場<br>Meteorological<br>station | 南谷<br>MINA-<br>MI-<br>TANI | 北谷<br>KITA-<br>TANI |
| 日<br>Day   |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |                                 |                            |                     |
| 1          | —                               | 0.252                      | 0.264               | —                               | 0.187                      | 0.154               | 0.0                             | 0.178                      | 0.148               | —                               | 2.090                      | 2.295               | 15.7                            | 0.800                      | 0.668               | 2.7                             | 0.256                      | 0.184               |
| 2          | —                               | 0.246                      | 0.257               | —                               | 0.187                      | 0.162               | 8.7                             | 0.229                      | 0.234               | —                               | 1.017                      | 1.200               | —                               | 1.459                      | 1.821               | 14.0                            | 0.465                      | 0.405               |
| 3          | —                               | 0.240                      | 0.248               | —                               | 0.183                      | 0.162               | 1.0                             | 0.230                      | 0.269               | —                               | 0.636                      | 0.758               | 3.4                             | 1.089                      | 1.208               | —                               | 0.344                      | 0.275               |
| 4          | —                               | 0.231                      | 0.228               | —                               | 0.178                      | 0.162               | —                               | 0.206                      | 0.224               | —                               | 0.470                      | 0.549               | 19.6                            | 1.083                      | 1.233               | —                               | 0.275                      | 0.211               |
| 5          | —                               | 0.225                      | 0.218               | —                               | 0.178                      | 0.160               | 0.0                             | 0.194                      | 0.196               | —                               | 0.393                      | 0.462               | 2.2                             | 3.525                      | 5.566               | —                               | 0.252                      | 0.187               |
| 6          | —                               | 0.222                      | 0.211               | —                               | 0.178                      | 0.149               | —                               | 0.187                      | 0.186               | 16.0                            | 0.558                      | 0.786               | —                               | 3.944                      | 4.328               | 1.6                             | 0.235                      | 0.177               |
| 7          | —                               | 0.215                      | 0.211               | —                               | 0.178                      | 0.144               | —                               | 0.187                      | 0.173               | —                               | 0.874                      | 1.833               | —                               | 1.914                      | 1.739               | 1.5                             | 0.258                      | 0.190               |
| 8          | —                               | 0.215                      | 0.211               | —                               | 0.178                      | 0.144               | 0.3                             | 0.187                      | 0.156               | 16.2                            | 0.632                      | 1.122               | —                               | 1.003                      | 0.808               | —                               | 0.260                      | 0.190               |
| 9          | 0.9                             | 0.215                      | 0.211               | 7.5                             | 0.178                      | 0.145               | —                               | 0.187                      | 0.156               | 1.5                             | 2.640                      | 4.933               | —                               | 0.652                      | 0.510               | 3.9                             | 0.242                      | 0.166               |
| 10         | 0.7                             | 0.215                      | 0.211               | —                               | 0.225                      | 0.230               | —                               | 0.184                      | 0.148               | —                               | 2.646                      | 3.497               | —                               | 0.513                      | 0.386               | 23.2                            | 0.743                      | 0.708               |
| 11         | —                               | 0.215                      | 0.211               | —                               | 0.217                      | 0.230               | —                               | 0.178                      | 0.144               | —                               | 1.255                      | 1.565               | 0.0                             | 0.448                      | 0.320               | 2.1                             | 0.463                      | 0.384               |
| 12         | —                               | 0.206                      | 0.206               | —                               | 0.206                      | 0.196               | —                               | 0.178                      | 0.144               | 16.0                            | 0.892                      | 1.089               | —                               | 0.405                      | 0.295               | —                               | 0.333                      | 0.259               |
| 13         | —                               | 0.206                      | 0.194               | —                               | 0.206                      | 0.191               | 5.8                             | 0.178                      | 0.147               | —                               | 1.817                      | 3.340               | —                               | 0.385                      | 0.280               | —                               | 0.280                      | 0.205               |
| 14         | —                               | 0.206                      | 0.186               | —                               | 0.201                      | 0.188               | —                               | 0.210                      | 0.209               | 1.5                             | 1.581                      | 2.285               | 12.7                            | 0.371                      | 0.267               | —                               | 0.252                      | 0.178               |
| 15         | —                               | 0.206                      | 0.181               | —                               | 0.192                      | 0.176               | —                               | 0.185                      | 0.169               | 3.5                             | 1.136                      | 1.334               | —                               | 0.521                      | 0.435               | 6.5                             | 0.229                      | 0.164               |
| 16         | —                               | 0.206                      | 0.181               | —                               | 0.183                      | 0.156               | 23.2                            | 0.202                      | 0.193               | —                               | 0.897                      | 0.988               | —                               | 0.364                      | 0.265               | 16.1                            | 0.566                      | 0.626               |
| 17         | —                               | 0.202                      | 0.177               | —                               | 0.174                      | 0.153               | 0.0                             | 1.593                      | 3.490               | 10.7                            | 0.699                      | 0.817               | —                               | 0.314                      | 0.222               | 2.0                             | 0.594                      | 0.661               |
| 18         | —                               | 0.196                      | 0.171               | —                               | 0.165                      | 0.149               | 8.1                             | 1.011                      | 2.065               | —                               | 0.942                      | 1.493               | —                               | 0.296                      | 0.207               | —                               | 0.430                      | 0.401               |
| 19         | —                               | 0.196                      | 0.170               | —                               | 0.161                      | 0.149               | —                               | 1.176                      | 2.325               | —                               | 0.726                      | 0.988               | —                               | 0.284                      | 0.191               | —                               | 0.317                      | 0.265               |
| 20         | —                               | 0.194                      | 0.158               | 7.4                             | 0.165                      | 0.149               | —                               | 0.685                      | 1.136               | —                               | 0.571                      | 0.678               | —                               | 0.279                      | 0.182               | —                               | 0.260                      | 0.200               |
| 21         | —                               | 0.187                      | 0.153               | —                               | 0.223                      | 0.225               | 0.0                             | 0.448                      | 0.658               | —                               | 0.458                      | 0.512               | 0.4                             | 0.279                      | 0.177               | —                               | 0.238                      | 0.173               |
| 22         | —                               | 0.187                      | 0.153               | —                               | 0.194                      | 0.161               | 18.5                            | 0.569                      | 0.927               | —                               | 0.378                      | 0.408               | 7.3                             | 0.340                      | 0.250               | 0.9                             | 0.243                      | 0.170               |
| 23         | —                               | 0.187                      | 0.153               | —                               | 0.183                      | 0.153               | 21.1                            | 2.007                      | 4.118               | —                               | 0.341                      | 0.357               | —                               | 0.340                      | 0.246               | 24.5                            | 0.348                      | 0.306               |
| 24         | —                               | 0.187                      | 0.153               | —                               | 0.178                      | 0.153               | —                               | 6.529                      | 10.660              | 39.6                            | 0.436                      | 0.501               | 3.0                             | 0.314                      | 0.212               | 15.2                            | 2.175                      | 3.549               |
| 25         | —                               | 0.187                      | 0.153               | 1.6                             | 0.178                      | 0.153               | —                               | 2.656                      | 3.299               | 6.0                             | 8.050                      | 13.518              | 0.7                             | 0.310                      | 0.226               | —                               | 1.465                      | 2.503               |
| 26         | 12.6                            | 0.302                      | 0.329               | —                               | 0.178                      | 0.158               | 8.8                             | 1.096                      | 1.430               | —                               | 5.309                      | 5.301               | 1.2                             | 0.314                      | 0.230               | —                               | 0.601                      | 0.741               |
| 27         | —                               | 0.257                      | 0.300               | —                               | 0.178                      | 0.154               | —                               | 1.131                      | 1.824               | 17.4                            | 2.041                      | 2.088               | —                               | 0.296                      | 0.224               | 0.6                             | 0.379                      | 0.376               |
| 28         | —                               | 0.210                      | 0.218               | —                               | 0.178                      | 0.153               | —                               | 0.791                      | 1.245               | —                               | 3.410                      | 4.464               | —                               | 0.274                      | 0.205               | 21.0                            | 0.484                      | 0.519               |
| 29         | —                               | 0.202                      | 0.195               | —                               | —                          | —                   | 15.0                            | 0.601                      | 0.860               | —                               | 2.476                      | 2.479               | 1.7                             | 0.268                      | 0.201               | 11.9                            | 1.289                      | 2.403               |
| 30         | —                               | 0.196                      | 0.171               | —                               | —                          | —                   | 17.8                            | 5.777                      | 10.444              | —                               | 1.194                      | 1.091               | 0.5                             | 0.295                      | 0.222               | 9.4                             | 5.164                      | 7.937               |
| 31         | —                               | 0.192                      | 0.166               | —                               | —                          | —                   | —                               | 6.562                      | 7.439               | —                               | —                          | —                   | —                               | 0.282                      | 0.206               | —                               | —                          | —                   |
| 計<br>Total | 14.2                            | 6.603                      | 6.249               | 16.5                            | 5.210                      | 4.659               | 128.3                           | 35.732                     | 54.816              | 128.4                           | 46.565                     | 62.731              | 68.4                            | 22.961                     | 23.330              | 157.1                           | 19.440                     | 24.713              |

| 項目<br>Item | 1 9 7 7 年                             |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
|------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------|----------------------|
|            | 7 月 July                              |                             |                      | 8 月 Aug.                              |                             |                      | 9 月 Sep.                              |                             |                      | 10 月 Oct.                             |                             |                      | 11 月 Nov.                             |                             |                      | 12 月 Dec.                             |                             |                      |
|            | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      | 降水量<br>Precipitation                  | 流 出 量<br>Runoff             |                      |
|            | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI | 露 場<br>Meteor-<br>ological<br>station | 南 谷<br>MINA-<br>MI-<br>TANI | 北 谷<br>KITA-<br>TANI |
| 日<br>Day   |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |                                       |                             |                      |
| 1          | 3.9                                   | 3.165                       | 3.819                | —                                     | 0.192                       | 0.123                | —                                     | 0.154                       | 0.095                | —                                     | 0.706                       | 0.638                | 8.8                                   | 0.172                       | 0.124                | 2.0                                   | 0.196                       | 0.149                |
| 2          | —                                     | 1.282                       | 1.488                | —                                     | 0.184                       | 0.122                | —                                     | 0.145                       | 0.087                | 4.7                                   | 0.388                       | 0.288                | —                                     | 0.202                       | 0.162                | 0.5                                   | 0.206                       | 0.147                |
| 3          | 1.5                                   | 0.671                       | 0.608                | —                                     | 0.181                       | 0.124                | 23.3                                  | 0.410                       | 0.337                | 29.5                                  | 0.972                       | 1.100                | 11.6                                  | 0.152                       | 0.120                | —                                     | 0.202                       | 0.144                |
| 4          | 58.0                                  | 16.271                      | 21.934               | —                                     | 0.179                       | 0.116                | —                                     | 0.254                       | 0.164                | —                                     | 5.315                       | 7.472                | 17.6                                  | 0.780                       | 0.680                | —                                     | 0.196                       | 0.141                |
| 5          | 6.0                                   | 10.889                      | 12.073               | —                                     | 0.179                       | 0.109                | —                                     | 0.169                       | 0.106                | —                                     | 1.824                       | 1.782                | —                                     | 0.347                       | 0.248                | —                                     | 0.194                       | 0.136                |
| 6          | 2.1                                   | 5.925                       | 7.061                | —                                     | 0.165                       | 0.100                | 0.5                                   | 0.152                       | 0.093                | —                                     | 0.715                       | 0.621                | —                                     | 0.231                       | 0.182                | —                                     | 0.184                       | 0.136                |
| 7          | —                                     | 2.583                       | 2.216                | 0.1                                   | 0.166                       | 0.099                | 3.3                                   | 0.150                       | 0.094                | 4.0                                   | 0.439                       | 0.339                | —                                     | 0.206                       | 0.160                | —                                     | 0.178                       | 0.136                |
| 8          | —                                     | 1.221                       | 0.807                | 30.2                                  | 0.478                       | 0.402                | 89.0                                  | 1.662                       | 1.613                | 3.8                                   | 0.451                       | 0.386                | 0.7                                   | 0.187                       | 0.153                | —                                     | 0.178                       | 0.136                |
| 9          | 2.4                                   | 0.715                       | 0.451                | —                                     | 0.364                       | 0.248                | 20.4                                  | 8.989                       | 12.048               | —                                     | 0.371                       | 0.352                | —                                     | 0.174                       | 0.142                | —                                     | 0.178                       | 0.136                |
| 10         | 0.8                                   | 0.571                       | 0.391                | 0.3                                   | 0.214                       | 0.134                | —                                     | 5.343                       | 7.672                | —                                     | 0.277                       | 0.237                | —                                     | 0.161                       | 0.134                | —                                     | 0.178                       | 0.136                |
| 11         | —                                     | 0.463                       | 0.341                | 2.5                                   | 0.218                       | 0.164                | —                                     | 0.958                       | 0.949                | —                                     | 0.226                       | 0.170                | —                                     | 0.161                       | 0.128                | —                                     | 0.178                       | 0.136                |
| 12         | —                                     | 0.361                       | 0.256                | —                                     | 0.225                       | 0.158                | —                                     | 0.383                       | 0.326                | —                                     | 0.208                       | 0.140                | 0.6                                   | 0.161                       | 0.128                | —                                     | 0.178                       | 0.136                |
| 13         | —                                     | 0.306                       | 0.211                | —                                     | 0.204                       | 0.142                | 5.2                                   | 0.366                       | 0.249                | —                                     | 0.196                       | 0.138                | 0.3                                   | 0.160                       | 0.124                | —                                     | 0.178                       | 0.136                |
| 14         | 1.1                                   | 0.278                       | 0.180                | —                                     | 0.188                       | 0.127                | —                                     | 0.351                       | 0.208                | —                                     | 0.196                       | 0.139                | —                                     | 0.154                       | 0.115                | 0.0                                   | 0.178                       | 0.136                |
| 15         | 0.0                                   | 0.285                       | 0.182                | —                                     | 0.178                       | 0.113                | —                                     | 0.252                       | 0.162                | —                                     | 0.184                       | 0.128                | 0.6                                   | 0.146                       | 0.105                | 9.1                                   | 0.181                       | 0.138                |
| 16         | 13.0                                  | 0.273                       | 0.175                | —                                     | 0.170                       | 0.129                | —                                     | 0.196                       | 0.121                | —                                     | 0.184                       | 0.124                | 63.0                                  | 1.753                       | 1.864                | 1.5                                   | 0.261                       | 0.222                |
| 17         | 9.1                                   | 0.610                       | 0.518                | —                                     | 0.158                       | 0.103                | —                                     | 0.176                       | 0.112                | —                                     | 0.195                       | 0.120                | —                                     | 7.637                       | 10.687               | —                                     | 0.228                       | 0.176                |
| 18         | —                                     | 0.528                       | 0.402                | —                                     | 0.155                       | 0.099                | —                                     | 0.175                       | 0.110                | —                                     | 0.200                       | 0.119                | —                                     | 1.703                       | 1.742                | —                                     | 0.194                       | 0.160                |
| 19         | —                                     | 0.366                       | 0.264                | 4.3                                   | 0.194                       | 0.139                | —                                     | 0.170                       | 0.114                | —                                     | 0.186                       | 0.107                | —                                     | 0.593                       | 0.543                | —                                     | 0.179                       | 0.148                |
| 20         | —                                     | 0.306                       | 0.220                | —                                     | 0.166                       | 0.113                | —                                     | 0.153                       | 0.139                | —                                     | 0.150                       | 0.104                | —                                     | 0.387                       | 0.288                | —                                     | 0.170                       | 0.144                |
| 21         | —                                     | 0.271                       | 0.172                | —                                     | 0.155                       | 0.097                | —                                     | 0.154                       | 0.120                | —                                     | 0.146                       | 0.098                | 5.1                                   | 0.286                       | 0.212                | —                                     | 0.170                       | 0.142                |
| 22         | —                                     | 0.264                       | 0.170                | —                                     | 0.152                       | 0.078                | 0.4                                   | 0.146                       | 0.115                | —                                     | 0.146                       | 0.098                | —                                     | 0.259                       | 0.223                | —                                     | 0.170                       | 0.136                |
| 23         | —                                     | 0.247                       | 0.163                | 10.1                                  | 0.139                       | 0.075                | 1.1                                   | 0.152                       | 0.109                | —                                     | 0.146                       | 0.098                | —                                     | 0.224                       | 0.189                | —                                     | 0.163                       | 0.132                |
| 24         | 0.8                                   | 0.232                       | 0.145                | 11.8                                  | 0.377                       | 0.298                | 0.3                                   | 0.174                       | 0.112                | —                                     | 0.146                       | 0.104                | —                                     | 0.202                       | 0.152                | 1.5                                   | 0.161                       | 0.124                |
| 25         | —                                     | 0.227                       | 0.143                | 7.0                                   | 0.237                       | 0.163                | 6.3                                   | 0.186                       | 0.121                | —                                     | 0.146                       | 0.105                | 0.4                                   | 0.196                       | 0.153                | —                                     | 0.161                       | 0.120                |
| 26         | —                                     | 0.224                       | 0.140                | 1.1                                   | 0.286                       | 0.209                | —                                     | 0.221                       | 0.180                | —                                     | 0.146                       | 0.106                | 8.0                                   | 0.266                       | 0.234                | —                                     | 0.161                       | 0.120                |
| 27         | —                                     | 0.222                       | 0.138                | 0.0                                   | 0.230                       | 0.157                | —                                     | 0.175                       | 0.125                | —                                     | 0.146                       | 0.100                | —                                     | 0.308                       | 0.291                | —                                     | 0.161                       | 0.117                |
| 28         | —                                     | 0.223                       | 0.142                | —                                     | 0.200                       | 0.133                | 56.0                                  | 0.161                       | 0.116                | —                                     | 0.142                       | 0.106                | —                                     | 0.242                       | 0.218                | —                                     | 0.153                       | 0.112                |
| 29         | —                                     | 0.217                       | 0.136                | —                                     | 0.175                       | 0.117                | 17.5                                  | 9.133                       | 13.016               | —                                     | 0.141                       | 0.106                | —                                     | 0.216                       | 0.191                | 9.5                                   | 0.163                       | 0.126                |
| 30         | —                                     | 0.210                       | 0.133                | —                                     | 0.156                       | 0.103                | —                                     | 3.194                       | 3.018                | —                                     | 0.141                       | 0.106                | —                                     | 0.199                       | 0.166                | 1.5                                   | 0.282                       | 0.273                |
| 31         | —                                     | 0.214                       | 0.126                | —                                     | 0.161                       | 0.098                | —                                     | —                           | —                    | —                                     | 0.151                       | 0.104                | —                                     | —                           | —                    | 13.5                                  | 0.740                       | 0.870                |
| 計<br>Total | 98.7                                  | 49.620                      | 55.205               | 67.4                                  | 6.426                       | 4.392                | 223.3                                 | 34.304                      | 41.831               | 42.0                                  | 14.980                      | 15.635               | 116.7                                 | 17.865                      | 19.858               | 39.1                                  | 6.300                       | 5.201                |

Table 2. 月・年降水量および月・年  
Simple moving averages for monthly and annual

(1) 月降水量 Monthly precipitation

| 年<br>Year | 1 月 January                      |                           |                |                  | 2 月 February                     |                           |                |                  |
|-----------|----------------------------------|---------------------------|----------------|------------------|----------------------------------|---------------------------|----------------|------------------|
|           | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  |
|           |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 49.9                             |                           |                |                  | 89.1                             |                           |                |                  |
| 1938      | 53.8                             | 43.6                      |                |                  | 24.4                             | 49.9                      |                |                  |
| 1939      | 27.1                             | 28.1                      | 35.2           |                  | 36.3                             | 43.2                      | 57.1           |                  |
| 1940      | 3.4                              | 24.1                      | 26.4           |                  | 69.0                             | 57.3                      | 48.8           |                  |
| 1941      | 41.7                             | 17.1                      | 20.2           |                  | 66.5                             | 61.1                      | 53.1           |                  |
| 1942      | 6.1                              | 23.4                      | 17.6           | 27.1             | 47.9                             | 53.4                      | 52.1           | 45.8             |
| 1943      | 22.5                             | 14.4                      | 17.1           | 25.4             | 45.7                             | 41.7                      | 48.0           | 44.5             |
| 1944      | 14.5                             | 12.6                      | 18.3           | 22.4             | 31.4                             | 41.9                      | 40.6           | 46.8             |
| 1945      | 0.9                              | 21.0                      | 28.4           | 26.9             | 48.6                             | 36.5                      | 36.5           | 45.6             |
| 1946      | 47.6                             | 35.0                      | 26.6           | 32.0             | 29.4                             | 35.2                      | 39.5           | 45.0             |
| 1947      | 56.5                             | 39.1                      | 25.1           | 34.4             | 27.5                             | 39.2                      | 42.6           | 47.5             |
| 1948      | 13.3                             | 25.7                      | 47.8           | 37.4             | 60.7                             | 45.0                      | 39.7           | 49.7             |
| 1949      | 7.4                              | 44.9                      | 44.6           | 39.5             | 46.9                             | 47.3                      | 51.6           | 50.7             |
| 1950      | 114.0                            | 51.1                      | 46.2           | 42.8             | 34.2                             | 56.6                      | 61.4           | 52.4             |
| 1951      | 31.8                             | 70.0                      | 48.3           | 45.5             | 88.6                             | 66.4                      | 61.2           | 53.7             |
| 1952      | 64.3                             | 40.1                      | 58.1           | 46.2             | 76.4                             | 74.9                      | 59.6           | 55.3             |
| 1953      | 24.1                             | 48.3                      | 40.3           | 47.0             | 59.8                             | 58.4                      | 67.6           | 56.1             |
| 1954      | 56.4                             | 35.2                      | 49.3           | 51.3             | 39.0                             | 57.7                      | 55.7           | 58.3             |
| 1955      | 25.1                             | 52.8                      | 44.5           | 50.1             | 74.3                             | 47.5                      | 52.4           | 59.9             |
| 1956      | 76.8                             | 47.3                      | 49.2           | 46.8             | 29.2                             | 54.4                      | 49.4           | 56.2             |
| 1957      | 40.0                             | 54.8                      | 49.7           | 45.4             | 59.7                             | 44.6                      | 62.9           | 50.6             |
| 1958      | 47.7                             | 48.8                      | 52.2           | 42.6             | 44.9                             | 70.4                      | 49.6           | 45.8             |
| 1959      | 58.7                             | 48.1                      | 45.3           | 42.6             | 106.6                            | 53.0                      | 51.8           | 45.9             |
| 1960      | 37.8                             | 46.2                      | 42.4           | 44.1             | 7.4                              | 51.4                      | 42.4           | 44.9             |
| 1961      | 42.2                             | 35.2                      | 34.4           | 42.7             | 40.3                             | 20.2                      | 38.9           | 44.2             |
| 1962      | 25.7                             | 25.2                      | 37.2           | 40.2             | 12.9                             | 26.8                      | 32.4           | 45.2             |
| 1963      | 7.8                              | 35.4                      | 37.2           | 38.6             | 27.2                             | 38.0                      | 34.7           | 44.3             |
| 1964      | 72.7                             | 39.3                      | 35.9           | 38.7             | 74.0                             | 40.0                      | 41.0           | 41.8             |
| 1965      | 37.5                             | 48.7                      | 37.1           | 39.6             | 18.9                             | 54.9                      | 45.5           | 40.8             |
| 1966      | 36.0                             | 35.1                      | 40.3           | 37.9             | 71.8                             | 42.0                      | 50.4           | 42.1             |
| 1967      | 31.7                             | 30.5                      | 42.7           | 39.1             | 35.4                             | 53.1                      | 45.5           | 44.9             |
| 1968      | 23.7                             | 46.6                      | 41.2           | 44.7             | 52.1                             | 45.6                      | 50.6           | 49.6             |
| 1969      | 84.5                             | 46.1                      | 37.2           | 45.1             | 49.4                             | 48.6                      | 42.2           | 50.7             |
| 1970      | 30.2                             | 43.5                      | 46.0           | 42.2             | 44.4                             | 41.1                      | 50.9           | 51.4             |
| 1971      | 15.8                             | 40.6                      | 55.5           | 41.3             | 29.5                             | 51.1                      | 51.6           | 53.2             |
| 1972      | 75.9                             | 54.2                      | 42.0           | 39.6             | 79.3                             | 54.7                      | 55.3           | 53.1             |
| 1973      | 71.0                             | 54.7                      | 43.0           |                  | 55.2                             | 67.5                      | 54.2           |                  |
| 1974      | 17.3                             | 41.0                      | 43.7           |                  | 68.0                             | 54.1                      | 65.9           |                  |
| 1975      | 34.8                             | 23.8                      | 31.3           |                  | 39.2                             | 65.0                      | 53.3           |                  |
| 1976      | 19.4                             | 22.8                      |                |                  | 87.8                             | 47.8                      |                |                  |
| 1977      | 14.2                             |                           |                |                  | 16.5                             |                           |                |                  |

## 流出量の移動平均

precipitation and monthly and annual runoff

| 3 月 March                        |                           |                |                  | 4 月 April                        |                           |                |                  | 年<br>Year |
|----------------------------------|---------------------------|----------------|------------------|----------------------------------|---------------------------|----------------|------------------|-----------|
| 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  |           |
|                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 82.3                             |                           |                |                  | 68.3                             |                           |                |                  | 1937      |
| 64.9                             | 77.6                      |                |                  | 70.5                             | 71.7                      |                |                  | 1938      |
| 85.6                             | 67.8                      | 73.4           |                  | 76.2                             | 74.0                      | 67.0           |                  | 1939      |
| 52.9                             | 73.3                      | 78.4           |                  | 75.4                             | 65.4                      | 67.7           |                  | 1940      |
| 81.4                             | 80.5                      | 77.8           |                  | 44.5                             | 63.9                      | 73.1           |                  | 1941      |
| 107.3                            | 83.5                      | 73.1           | 78.9             | 71.8                             | 71.4                      | 74.6           | 76.9             | 1942      |
| 61.8                             | 77.0                      | 81.4           | 78.5             | 97.8                             | 84.4                      | 69.4           | 79.3             | 1943      |
| 62.0                             | 72.8                      | 87.3           | 80.2             | 83.7                             | 77.0                      | 84.9           | 80.0             | 1944      |
| 94.5                             | 89.2                      | 76.3           | 85.8             | 49.4                             | 85.0                      | 87.9           | 79.6             | 1945      |
| 111.0                            | 85.8                      | 81.6           | 90.4             | 121.8                            | 86.1                      | 88.4           | 83.8             | 1946      |
| 52.0                             | 83.9                      | 88.3           | 91.0             | 87.0                             | 103.0                     | 83.9           | 91.5             | 1947      |
| 88.6                             | 78.6                      | 100.5          | 92.9             | 100.3                            | 82.8                      | 90.3           | 92.3             | 1948      |
| 95.3                             | 113.1                     | 92.3           | 92.5             | 61.2                             | 80.8                      | 90.6           | 90.8             | 1949      |
| 155.4                            | 107.0                     | 108.1          | 91.4             | 81.0                             | 88.6                      | 102.4          | 97.3             | 1950      |
| 70.2                             | 118.8                     | 105.5          | 92.1             | 123.6                            | 116.9                     | 90.4           | 99.8             | 1951      |
| 130.9                            | 92.2                      | 94.6           | 91.6             | 146.1                            | 103.2                     | 100.3          | 100.0            | 1952      |
| 75.6                             | 82.4                      | 82.4           | 90.4             | 40.0                             | 99.0                      | 114.5          | 105.0            | 1953      |
| 40.8                             | 70.2                      | 93.2           | 89.0             | 111.0                            | 100.9                     | 103.6          | 109.0            | 1954      |
| 94.3                             | 86.6                      | 72.7           | 83.2             | 151.8                            | 110.6                     | 103.3          | 112.5            | 1955      |
| 124.6                            | 82.3                      | 75.2           | 79.5             | 69.1                             | 121.9                     | 123.7          | 114.5            | 1956      |
| 28.0                             | 80.3                      | 80.6           | 74.8             | 144.8                            | 118.6                     | 121.4          | 114.2            | 1957      |
| 88.2                             | 61.4                      | 75.2           | 69.0             | 141.8                            | 128.8                     | 113.8          | 118.8            | 1958      |
| 67.9                             | 74.5                      | 67.0           | 69.3             | 99.7                             | 118.4                     | 126.0          | 125.8            | 1959      |
| 67.3                             | 73.0                      | 66.2           | 70.4             | 113.7                            | 114.4                     | 123.7          | 124.1            | 1960      |
| 83.7                             | 58.3                      | 61.8           | 70.9             | 129.9                            | 125.6                     | 124.5          | 122.5            | 1961      |
| 24.0                             | 57.9                      | 59.5           | 75.5             | 133.3                            | 136.4                     | 133.5          | 129.7            | 1962      |
| 65.9                             | 48.8                      | 66.2           | 78.9             | 146.0                            | 141.3                     | 127.6          | 132.1            | 1963      |
| 56.6                             | 74.4                      | 75.1           | 77.5             | 144.6                            | 124.9                     | 122.4          | 128.3            | 1964      |
| 100.8                            | 95.2                      | 93.6           | 75.7             | 84.1                             | 111.0                     | 146.6          | 131.3            | 1965      |
| 128.1                            | 115.2                     | 94.1           | 73.4             | 104.2                            | 147.4                     | 133.6          | 132.4            | 1966      |
| 116.7                            | 104.3                     | 94.8           | 74.2             | 253.9                            | 146.4                     | 121.4          | 129.0            | 1967      |
| 68.2                             | 81.7                      | 82.4           | 73.0             | 81.1                             | 139.6                     | 142.5          | 128.2            | 1968      |
| 60.1                             | 55.7                      | 70.0           | 70.7             | 83.9                             | 118.1                     | 137.1          | 128.8            | 1969      |
| 38.7                             | 55.0                      | 57.9           | 68.1             | 189.3                            | 116.8                     | 109.8          | 131.5            | 1970      |
| 66.2                             | 53.7                      | 46.2           | 62.1             | 77.1                             | 127.9                     | 122.7          | 138.4            | 1971      |
| 56.3                             | 44.0                      | 47.6           | 59.9             | 117.4                            | 113.5                     | 137.4          | 136.9            | 1972      |
| 9.6                              | 44.3                      | 47.6           |                  | 146.0                            | 140.3                     | 124.7          |                  | 1973      |
| 67.1                             | 38.6                      | 48.6           |                  | 157.4                            | 143.1                     | 149.3          |                  | 1974      |
| 39.0                             | 59.0                      | 63.0           |                  | 125.8                            | 161.0                     | 151.5          |                  | 1975      |
| 70.8                             | 79.4                      |                |                  | 199.8                            | 151.3                     |                |                  | 1976      |
| 128.3                            |                           |                |                  | 128.4                            |                           |                |                  | 1977      |

Table 2-(1). (つづき) (Continued)

| 年<br>Year | 5 月 May                          |                           |                |                  | 6 月 June                         |                           |                |                  |
|-----------|----------------------------------|---------------------------|----------------|------------------|----------------------------------|---------------------------|----------------|------------------|
|           | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  |
|           |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 99.0                             |                           |                |                  | 211.1                            |                           |                |                  |
| 1938      | 119.4                            | 90.0                      |                |                  | 245.9                            | 175.7                     |                |                  |
| 1939      | 51.5                             | 64.2                      | 95.4           |                  | 70.1                             | 167.9                     | 189.3          |                  |
| 1940      | 21.6                             | 86.2                      | 104.2          |                  | 187.7                            | 163.2                     | 199.0          |                  |
| 1941      | 185.6                            | 116.6                     | 110.6          |                  | 231.8                            | 226.3                     | 193.7          |                  |
| 1942      | 142.7                            | 160.0                     | 116.7          | 115.8            | 259.3                            | 236.9                     | 185.9          | 176.6            |
| 1943      | 151.6                            | 125.5                     | 132.1          | 117.0            | 219.6                            | 170.1                     | 177.8          | 162.9            |
| 1944      | 82.1                             | 110.7                     | 129.3          | 117.8            | 31.3                             | 132.6                     | 173.8          | 162.8            |
| 1945      | 98.5                             | 117.4                     | 134.4          | 124.6            | 147.0                            | 130.0                     | 144.4          | 170.3            |
| 1946      | 171.5                            | 146.0                     | 119.0          | 126.6            | 211.7                            | 157.1                     | 114.4          | 161.4            |
| 1947      | 168.1                            | 138.1                     | 125.0          | 123.4            | 112.6                            | 131.2                     | 157.0          | 150.1            |
| 1948      | 74.6                             | 118.3                     | 124.6          | 124.8            | 69.2                             | 142.2                     | 160.3          | 151.9            |
| 1949      | 112.3                            | 94.5                      | 120.3          | 131.9            | 244.7                            | 159.1                     | 133.6          | 173.4            |
| 1950      | 96.5                             | 119.6                     | 109.5          | 136.5            | 163.5                            | 162.1                     | 148.4          | 188.7            |
| 1951      | 149.9                            | 120.2                     | 136.5          | 135.8            | 78.2                             | 142.7                     | 200.5          | 187.9            |
| 1952      | 114.2                            | 157.9                     | 147.3          | 132.1            | 186.5                            | 198.1                     | 221.7          | 189.1            |
| 1953      | 209.5                            | 163.4                     | 149.1          | 129.9            | 329.7                            | 289.0                     | 215.5          | 195.1            |
| 1954      | 166.5                            | 160.5                     | 149.0          | 132.5            | 350.8                            | 271.0                     | 242.2          | 192.1            |
| 1955      | 105.6                            | 140.5                     | 149.5          | 134.9            | 132.4                            | 231.5                     | 232.2          | 182.3            |
| 1956      | 149.4                            | 123.8                     | 124.2          | 132.5            | 211.4                            | 160.2                     | 199.3          | 185.8            |
| 1957      | 116.5                            | 116.3                     | 121.9          | 130.8            | 136.7                            | 171.1                     | 146.7          | 197.7            |
| 1958      | 83.0                             | 118.2                     | 121.3          | 134.4            | 165.2                            | 130.0                     | 145.0          | 199.9            |
| 1959      | 155.0                            | 113.6                     | 110.3          | 130.4            | 88.0                             | 125.7                     | 140.4          | 187.6            |
| 1960      | 102.8                            | 117.4                     | 114.5          | 130.9            | 123.9                            | 133.3                     | 175.8          | 181.8            |
| 1961      | 94.3                             | 111.5                     | 149.4          | 142.3            | 188.1                            | 208.7                     | 192.1          | 185.5            |
| 1962      | 137.4                            | 163.1                     | 126.2          | 148.8            | 314.0                            | 249.5                     | 212.2          | 184.6            |
| 1963      | 257.6                            | 144.7                     | 154.1          | 151.9            | 246.5                            | 249.7                     | 223.0          | 178.9            |
| 1964      | 39.1                             | 179.6                     | 183.3          | 150.6            | 188.7                            | 204.3                     | 233.7          | 186.9            |
| 1965      | 242.0                            | 173.8                     | 187.0          | 150.7            | 177.8                            | 202.7                     | 188.5          | 209.0            |
| 1966      | 240.2                            | 212.8                     | 156.8          | 153.6            | 241.5                            | 169.2                     | 159.0          | 219.4            |
| 1967      | 156.3                            | 167.6                     | 170.1          | 152.8            | 88.2                             | 142.8                     | 184.1          | 214.9            |
| 1968      | 106.3                            | 122.7                     | 152.4          | 144.6            | 98.6                             | 167.1                     | 216.6          | 204.6            |
| 1969      | 105.5                            | 121.8                     | 124.8          | 137.7            | 314.5                            | 251.1                     | 204.4          | 195.5            |
| 1970      | 153.5                            | 120.5                     | 116.2          | 129.2            | 340.3                            | 278.4                     | 233.0          | 195.4            |
| 1971      | 102.6                            | 123.1                     | 118.3          | 116.4            | 180.4                            | 250.6                     | 238.1          | 194.3            |
| 1972      | 113.3                            | 110.8                     | 105.8          | 108.0            | 231.0                            | 178.5                     | 200.8          | 193.7            |
| 1973      | 116.4                            | 91.0                      | 88.4           |                  | 124.2                            | 161.2                     | 180.2          |                  |
| 1974      | 43.2                             | 75.4                      | 99.9           |                  | 128.3                            | 163.2                     | 176.2          |                  |
| 1975      | 66.5                             | 90.0                      | 91.0           |                  | 237.0                            | 175.2                     | 161.4          |                  |
| 1976      | 160.3                            | 98.4                      |                |                  | 160.3                            | 184.8                     |                |                  |
| 1977      | 68.4                             |                           |                |                  | 157.1                            |                           |                |                  |

| 7 月 July                         |                           |                |                  | 8 月 August                       |                           |                |                  | 年<br>Year |
|----------------------------------|---------------------------|----------------|------------------|----------------------------------|---------------------------|----------------|------------------|-----------|
| 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  |           |
|                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 82.2                             |                           |                |                  | 70.2                             |                           |                |                  | 1937      |
| 206.7                            | 100.9                     |                |                  | 163.6                            | 88.9                      |                |                  | 1938      |
| 13.9                             | 109.7                     | 110.9          |                  | 33.0                             | 133.3                     | 156.9          |                  | 1939      |
| 108.5                            | 88.5                      | 97.8           |                  | 203.3                            | 183.6                     | 179.3          |                  | 1940      |
| 143.1                            | 89.5                      | 107.2          |                  | 314.5                            | 233.3                     | 147.7          |                  | 1941      |
| 16.8                             | 137.9                     | 111.8          | 139.3            | 182.2                            | 167.4                     | 154.9          | 117.0            | 1942      |
| 253.9                            | 102.4                     | 134.8          | 143.8            | 5.5                              | 85.5                      | 137.5          | 112.9            | 1943      |
| 36.6                             | 171.3                     | 158.6          | 152.0            | 68.8                             | 63.6                      | 80.4           | 112.9            | 1944      |
| 223.4                            | 174.1                     | 190.0          | 157.6            | 116.4                            | 71.4                      | 51.1           | 110.7            | 1945      |
| 262.3                            | 219.9                     | 179.9          | 164.9            | 29.1                             | 60.5                      | 73.4           | 90.8             | 1946      |
| 174.0                            | 213.2                     | 209.0          | 191.2            | 35.9                             | 60.5                      | 75.6           | 69.9             | 1947      |
| 203.4                            | 186.4                     | 175.0          | 205.5            | 116.6                            | 77.5                      | 74.7           | 67.9             | 1948      |
| 181.7                            | 146.3                     | 191.1          | 215.0            | 80.1                             | 102.9                     | 70.6           | 74.5             | 1949      |
| 53.8                             | 192.7                     | 225.0          | 222.8            | 112.0                            | 66.8                      | 77.6           | 76.2             | 1950      |
| 342.7                            | 246.7                     | 226.9          | 208.9            | 8.3                              | 63.7                      | 69.5           | 80.8             | 1951      |
| 343.6                            | 299.6                     | 244.1          | 203.4            | 70.9                             | 51.7                      | 79.4           | 90.1             | 1952      |
| 212.6                            | 274.6                     | 263.0          | 199.5            | 76.0                             | 92.2                      | 75.2           | 94.5             | 1953      |
| 267.6                            | 209.6                     | 206.3          | 187.0            | 129.8                            | 98.9                      | 102.5          | 95.2             | 1954      |
| 148.6                            | 158.4                     | 191.3          | 189.4            | 91.0                             | 121.9                     | 109.8          | 102.1            | 1955      |
| 58.9                             | 158.8                     | 154.7          | 186.5            | 144.9                            | 114.4                     | 121.3          | 112.4            | 1956      |
| 268.9                            | 119.2                     | 122.4          | 168.1            | 107.2                            | 128.6                     | 110.5          | 114.2            | 1957      |
| 29.7                             | 134.8                     | 128.0          | 152.3            | 133.7                            | 105.6                     | 143.2          | 121.8            | 1958      |
| 105.8                            | 104.0                     | 148.5          | 140.1            | 75.9                             | 154.6                     | 128.8          | 129.1            | 1959      |
| 176.6                            | 148.0                     | 126.2          | 143.8            | 254.2                            | 134.3                     | 115.6          | 123.6            | 1960      |
| 161.6                            | 165.2                     | 136.9          | 155.8            | 72.9                             | 122.7                     | 140.6          | 116.0            | 1961      |
| 157.3                            | 134.1                     | 146.2          | 158.8            | 41.1                             | 124.3                     | 143.7          | 108.9            | 1962      |
| 83.3                             | 131.0                     | 178.7          | 170.0            | 258.9                            | 130.5                     | 96.8           | 103.9            | 1963      |
| 152.4                            | 191.6                     | 168.1          | 189.3            | 91.5                             | 123.4                     | 95.0           | 100.9            | 1964      |
| 339.0                            | 199.9                     | 192.4          | 196.3            | 19.7                             | 58.3                      | 96.2           | 97.8             | 1965      |
| 108.4                            | 242.1                     | 224.5          | 199.7            | 63.8                             | 43.6                      | 63.3           | 101.0            | 1966      |
| 279.0                            | 210.4                     | 249.4          | 212.1            | 47.3                             | 68.4                      | 55.8           | 108.4            | 1967      |
| 243.8                            | 266.5                     | 210.7          | 218.1            | 94.0                             | 65.2                      | 94.7           | 102.5            | 1968      |
| 276.7                            | 222.0                     | 241.3          | 222.9            | 54.4                             | 120.8                     | 117.4          | 92.8             | 1969      |
| 145.6                            | 227.9                     | 246.7          | 216.6            | 214.1                            | 148.6                     | 125.1          | 94.7             | 1970      |
| 261.3                            | 237.6                     | 208.9          | 202.0            | 177.2                            | 159.0                     | 125.4          | 99.7             | 1971      |
| 306.0                            | 207.4                     | 208.9          | 190.8            | 85.6                             | 119.6                     | 126.5          | 102.2            | 1972      |
| 54.9                             | 212.5                     | 197.5          |                  | 95.9                             | 80.4                      | 101.5          |                  | 1973      |
| 276.5                            | 140.1                     | 158.4          |                  | 59.8                             | 81.6                      | 85.0           |                  | 1974      |
| 88.8                             | 143.7                     | 117.0          |                  | 89.0                             | 81.2                      | 81.4           |                  | 1975      |
| 65.9                             | 84.5                      |                |                  | 94.9                             | 83.8                      |                |                  | 1976      |
| 98.7                             |                           |                |                  | 67.4                             |                           |                |                  | 1977      |

Table 2-(1). (つづき) (Continued)

| 年<br>Year | 9 月 September                    |                           |                |                  | 10 月 October                     |                           |                |                  |
|-----------|----------------------------------|---------------------------|----------------|------------------|----------------------------------|---------------------------|----------------|------------------|
|           | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  |
|           |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 210.7                            |                           |                |                  | 101.1                            |                           |                |                  |
| 1938      | 102.7                            | 124.0                     |                |                  | 153.2                            | 123.0                     |                |                  |
| 1939      | 58.5                             | 71.9                      | 125.7          |                  | 114.6                            | 123.1                     | 108.8          |                  |
| 1940      | 54.5                             | 105.1                     | 140.3          |                  | 101.6                            | 96.6                      | 105.4          |                  |
| 1941      | 202.2                            | 180.1                     | 180.5          |                  | 73.6                             | 86.5                      | 87.9           |                  |
| 1942      | 283.5                            | 263.1                     | 194.3          | 166.3            | 84.2                             | 74.4                      | 99.6           | 130.1            |
| 1943      | 303.6                            | 238.3                     | 238.3          | 163.1            | 65.3                             | 107.6                     | 141.8          | 127.8            |
| 1944      | 127.9                            | 235.2                     | 220.2          | 175.7            | 173.4                            | 183.7                     | 154.3          | 126.1            |
| 1945      | 274.2                            | 171.3                     | 178.9          | 191.3            | 312.3                            | 207.4                     | 151.6          | 124.6            |
| 1946      | 111.7                            | 154.3                     | 152.9          | 193.4            | 136.4                            | 173.2                     | 166.4          | 125.0            |
| 1947      | 77.0                             | 120.8                     | 175.0          | 181.7            | 70.8                             | 115.4                     | 150.5          | 124.4            |
| 1948      | 173.6                            | 163.0                     | 157.6          | 175.4            | 138.9                            | 101.3                     | 106.6          | 122.0            |
| 1949      | 238.3                            | 199.8                     | 157.4          | 178.9            | 94.2                             | 108.6                     | 97.2           | 114.2            |
| 1950      | 187.4                            | 178.7                     | 170.3          | 172.0            | 92.6                             | 92.1                      | 94.5           | 96.5             |
| 1951      | 110.5                            | 146.5                     | 199.7          | 165.9            | 89.4                             | 79.8                      | 75.4           | 83.0             |
| 1952      | 141.7                            | 190.9                     | 188.2          | 176.0            | 57.5                             | 63.3                      | 64.6           | 79.6             |
| 1953      | 320.6                            | 214.4                     | 167.1          | 178.6            | 43.1                             | 47.1                      | 64.1           | 76.4             |
| 1954      | 180.9                            | 194.5                     | 181.6          | 172.3            | 40.6                             | 57.8                      | 64.0           | 73.1             |
| 1955      | 82.0                             | 148.6                     | 194.6          | 166.2            | 89.7                             | 73.2                      | 62.8           | 72.8             |
| 1956      | 183.0                            | 157.2                     | 149.6          | 165.3            | 89.2                             | 76.8                      | 72.9           | 78.6             |
| 1957      | 206.5                            | 161.7                     | 151.6          | 163.3            | 51.5                             | 78.0                      | 79.4           | 86.0             |
| 1958      | 95.5                             | 164.3                     | 158.0          | 148.9            | 93.4                             | 72.7                      | 83.1           | 89.7             |
| 1959      | 190.8                            | 133.5                     | 154.4          | 140.1            | 73.2                             | 91.7                      | 103.0          | 94.0             |
| 1960      | 114.3                            | 156.7                     | 122.6          | 158.8            | 108.4                            | 123.3                     | 114.2          | 94.1             |
| 1961      | 165.1                            | 108.9                     | 129.0          | 182.0            | 188.3                            | 134.9                     | 108.6          | 89.7             |
| 1962      | 47.2                             | 113.3                     | 130.2          | 178.5            | 107.9                            | 120.5                     | 115.1          | 91.9             |
| 1963      | 127.5                            | 123.9                     | 195.4          | 172.4            | 65.4                             | 92.9                      | 98.9           | 95.6             |
| 1964      | 197.1                            | 255.0                     | 220.2          | 168.9            | 105.4                            | 66.1                      | 73.7           | 93.9             |
| 1965      | 440.3                            | 308.7                     | 216.6          | 162.4            | 27.5                             | 65.0                      | 76.6           | 93.4             |
| 1966      | 288.8                            | 252.9                     | 221.4          | 159.9            | 62.1                             | 70.7                      | 82.9           | 88.6             |
| 1967      | 29.5                             | 156.6                     | 194.9          | 166.6            | 122.5                            | 93.9                      | 69.0           | 80.4             |
| 1968      | 151.5                            | 81.8                      | 129.1          | 177.0            | 97.1                             | 85.1                      | 90.4           | 80.2             |
| 1969      | 64.4                             | 109.1                     | 94.8           | 175.7            | 35.7                             | 89.2                      | 91.4           | 86.8             |
| 1970      | 111.5                            | 97.7                      | 134.6          | 159.3            | 134.7                            | 79.1                      | 80.1           | 97.6             |
| 1971      | 117.3                            | 152.3                     | 135.5          | 153.5            | 66.9                             | 89.3                      | 81.2           | 106.6            |
| 1972      | 228.1                            | 167.1                     | 151.1          | 171.0            | 66.2                             | 78.5                      | 114.0          | 105.4            |
| 1973      | 156.0                            | 175.6                     | 162.2          |                  | 102.5                            | 122.7                     | 117.2          |                  |
| 1974      | 142.7                            | 155.1                     | 227.8          |                  | 199.5                            | 150.9                     | 127.5          |                  |
| 1975      | 166.7                            | 251.6                     | 226.8          |                  | 150.8                            | 156.3                     | 122.7          |                  |
| 1976      | 445.3                            | 278.4                     |                |                  | 118.7                            | 103.8                     |                |                  |
| 1977      | 223.3                            |                           |                |                  | 42.0                             |                           |                |                  |

| 11 月 November                    |                           |                |                  | 12 月 December                    |                           |                |                  | 年<br>Year |
|----------------------------------|---------------------------|----------------|------------------|----------------------------------|---------------------------|----------------|------------------|-----------|
| 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 月降水量<br>Monthly<br>precipitation | 移 動 平 均<br>Moving average |                |                  |           |
|                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                                  | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 103.6                            |                           |                |                  | 29.6                             |                           |                |                  | 1937      |
| 15.5                             | 58.0                      |                |                  | 28.9                             | 19.6                      |                |                  | 1938      |
| 54.8                             | 38.6                      | 58.5           |                  | 0.2                              | 17.4                      | 29.3           |                  | 1939      |
| 45.4                             | 57.9                      | 44.9           |                  | 23.1                             | 29.3                      | 23.6           |                  | 1940      |
| 73.4                             | 51.3                      | 51.0           |                  | 64.7                             | 29.7                      | 22.0           |                  | 1941      |
| 35.2                             | 51.6                      | 62.9           | 52.5             | 1.2                              | 28.9                      | 23.8           | 28.0             | 1942      |
| 46.3                             | 65.2                      | 59.4           | 52.1             | 20.9                             | 10.3                      | 25.3           | 30.3             | 1943      |
| 114.2                            | 62.7                      | 55.8           | 56.8             | 8.9                              | 20.3                      | 25.2           | 37.4             | 1944      |
| 27.7                             | 65.8                      | 50.9           | 60.5             | 31.0                             | 34.6                      | 33.9           | 43.5             | 1945      |
| 55.5                             | 31.3                      | 61.5           | 63.3             | 64.0                             | 46.6                      | 41.7           | 43.5             | 1946      |
| 10.8                             | 55.3                      | 51.6           | 65.2             | 44.8                             | 56.2                      | 62.0           | 43.1             | 1947      |
| 99.5                             | 58.3                      | 68.0           | 68.0             | 59.9                             | 71.1                      | 62.9           | 45.2             | 1948      |
| 64.6                             | 91.2                      | 70.1           | 65.6             | 110.5                            | 68.5                      | 60.4           | 48.5             | 1949      |
| 109.6                            | 80.1                      | 84.1           | 63.8             | 35.1                             | 65.8                      | 53.0           | 49.3             | 1950      |
| 66.0                             | 85.4                      | 75.5           | 63.9             | 51.9                             | 31.5                      | 52.1           | 45.4             | 1951      |
| 80.6                             | 67.7                      | 73.9           | 64.2             | 7.4                              | 38.3                      | 38.2           | 41.6             | 1952      |
| 56.5                             | 64.6                      | 61.6           | 62.1             | 55.7                             | 34.6                      | 34.0           | 40.3             | 1953      |
| 56.7                             | 53.8                      | 56.0           | 59.0             | 40.7                             | 37.0                      | 24.1           | 37.5             | 1954      |
| 48.2                             | 47.7                      | 46.5           | 56.1             | 14.5                             | 19.2                      | 29.0           | 34.1             | 1955      |
| 38.2                             | 39.7                      | 42.5           | 52.8             | 2.4                              | 16.1                      | 27.3           | 31.1             | 1956      |
| 32.7                             | 35.8                      | 44.1           | 51.8             | 31.5                             | 27.1                      | 32.6           | 31.5             | 1957      |
| 36.6                             | 44.7                      | 44.6           | 50.2             | 47.3                             | 48.7                      | 31.5           | 31.9             | 1958      |
| 64.8                             | 50.7                      | 49.0           | 48.9             | 67.2                             | 41.2                      | 34.8           | 28.7             | 1959      |
| 50.8                             | 58.5                      | 55.7           | 52.2             | 9.2                              | 31.7                      | 38.2           | 28.6             | 1960      |
| 60.0                             | 59.0                      | 56.1           | 56.6             | 18.6                             | 25.6                      | 33.0           | 31.4             | 1961      |
| 66.2                             | 54.9                      | 52.9           | 58.8             | 48.9                             | 29.5                      | 22.1           | 31.6             | 1962      |
| 38.6                             | 51.2                      | 67.2           | 59.1             | 20.9                             | 27.6                      | 28.3           | 30.8             | 1963      |
| 48.7                             | 70.0                      | 65.7           | 57.0             | 13.1                             | 24.6                      | 31.0           | 29.2             | 1964      |
| 122.6                            | 74.5                      | 64.8           | 57.2             | 39.9                             | 28.3                      | 22.3           | 28.2             | 1965      |
| 52.3                             | 78.9                      | 59.6           | 55.3             | 32.0                             | 25.9                      | 29.8           | 30.3             | 1966      |
| 61.7                             | 42.3                      | 59.4           | 52.9             | 5.8                              | 32.0                      | 32.0           | 31.7             | 1967      |
| 12.9                             | 40.7                      | 49.1           | 52.5             | 58.1                             | 29.3                      | 30.6           | 31.5             | 1968      |
| 47.5                             | 43.9                      | 38.9           | 50.6             | 24.0                             | 38.4                      | 31.2           | 32.7             | 1969      |
| 71.3                             | 40.0                      | 42.3           | 48.8             | 33.0                             | 30.8                      | 42.2           | 34.5             | 1970      |
| 1.3                              | 50.3                      | 43.1           | 47.7             | 35.3                             | 43.0                      | 31.8           | 34.6             | 1971      |
| 78.4                             | 32.2                      | 40.2           | 50.2             | 60.6                             | 34.0                      | 37.2           | 36.5             | 1972      |
| 16.9                             | 42.8                      | 46.6           |                  | 6.0                              | 39.3                      | 38.2           |                  | 1973      |
| 33.0                             | 51.1                      | 56.0           |                  | 51.2                             | 31.7                      | 38.4           |                  | 1974      |
| 103.3                            | 61.6                      | 63.7           |                  | 37.8                             | 41.9                      | 34.1           |                  | 1975      |
| 48.4                             | 89.5                      |                |                  | 36.6                             | 37.8                      |                |                  | 1976      |
| 116.7                            |                           |                |                  | 39.1                             |                           |                |                  | 1977      |

Table 2-(2). (つづき) (Continued)

| 年<br>Year | 5 月 May                   |                           |                |                  | 6 月 June                  |                           |                |                  |
|-----------|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|
|           | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |
|           |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 15.374                    |                           |                |                  | 70.564                    |                           |                |                  |
| 1938      | 21.715                    | 14.198                    |                |                  | 116.986                   | 63.284                    |                |                  |
| 1939      | 5.506                     | 9.549                     | 17.096         |                  | 2.301                     | 44.863                    | 57.823         |                  |
| 1940      | 1.426                     | 16.130                    | 22.725         |                  | 15.302                    | 33.855                    | 64.957         |                  |
| 1941      | 41.457                    | 28.801                    | 24.268         |                  | 83.963                    | 68.499                    | 66.543         |                  |
| 1942      | 43.520                    | 38.137                    | 27.676         | 36.550           | 106.231                   | 105.038                   | 66.755         | 59.980           |
| 1943      | 29.433                    | 31.832                    | 34.662         | 39.404           | 124.919                   | 78.170                    | 71.970         | 51.765           |
| 1944      | 22.542                    | 29.445                    | 49.772         | 40.540           | 3.359                     | 56.553                    | 67.179         | 51.955           |
| 1945      | 36.359                    | 58.636                    | 56.609         | 42.812           | 41.380                    | 34.916                    | 49.960         | 59.118           |
| 1946      | 117.007                   | 77.024                    | 54.014         | 44.013           | 60.008                    | 40.507                    | 25.600         | 56.750           |
| 1947      | 77.705                    | 70.390                    | 56.201         | 44.012           | 20.134                    | 27.754                    | 48.923         | 49.931           |
| 1948      | 16.457                    | 42.547                    | 52.708         | 45.381           | 3.121                     | 47.743                    | 48.824         | 51.794           |
| 1949      | 33.479                    | 22.942                    | 38.909         | 50.084           | 119.974                   | 54.659                    | 39.026         | 67.451           |
| 1950      | 18.890                    | 33.461                    | 30.757         | 53.395           | 40.881                    | 57.291                    | 43.557         | 77.946           |
| 1951      | 48.013                    | 34.616                    | 40.145         | 51.013           | 11.019                    | 31.563                    | 88.059         | 78.533           |
| 1952      | 36.944                    | 49.452                    | 49.977         | 46.103           | 42.789                    | 93.147                    | 107.221        | 80.543           |
| 1953      | 63.398                    | 60.994                    | 54.694         | 44.354           | 225.633                   | 161.401                   | 106.818        | 82.524           |
| 1954      | 82.641                    | 62.837                    | 57.741         | 46.567           | 215.782                   | 160.094                   | 119.465        | 77.962           |
| 1955      | 42.472                    | 62.788                    | 57.005         | 49.516           | 38.867                    | 109.635                   | 120.124        | 72.195           |
| 1956      | 63.252                    | 46.329                    | 49.508         | 49.691           | 74.256                    | 53.068                    | 78.356         | 74.117           |
| 1957      | 33.264                    | 40.809                    | 46.637         | 48.889           | 46.082                    | 45.710                    | 38.212         | 84.795           |
| 1958      | 25.911                    | 42.488                    | 46.757         | 54.955           | 16.792                    | 25.979                    | 36.529         | 89.401           |
| 1959      | 68.288                    | 45.756                    | 39.570         | 57.150           | 15.064                    | 20.770                    | 33.654         | 76.904           |
| 1960      | 43.068                    | 46.226                    | 41.239         | 58.527           | 30.453                    | 35.133                    | 65.938         | 70.208           |
| 1961      | 27.321                    | 37.331                    | 72.068         | 66.114           | 59.881                    | 99.277                    | 93.186         | 74.468           |
| 1962      | 41.605                    | 82.994                    | 60.386         | 70.622           | 207.498                   | 140.137                   | 97.861         | 74.813           |
| 1963      | 180.056                   | 77.180                    | 80.327         | 71.951           | 153.032                   | 132.990                   | 108.228        | 72.414           |
| 1964      | 9.878                     | 110.903                   | 97.803         | 68.385           | 38.440                    | 91.253                    | 119.459        | 77.437           |
| 1965      | 142.775                   | 89.117                    | 103.877        | 65.382           | 82.288                    | 78.921                    | 80.199         | 91.360           |
| 1966      | 114.699                   | 109.817                   | 70.620         | 64.603           | 116.035                   | 69.842                    | 50.334         | 99.158           |
| 1967      | 71.977                    | 66.816                    | 70.469         | 63.521           | 11.202                    | 43.647                    | 68.368         | 92.485           |
| 1968      | 13.771                    | 31.623                    | 50.348         | 55.784           | 3.704                     | 47.838                    | 90.985         | 79.152           |
| 1969      | 9.121                     | 21.688                    | 29.933         | 48.190           | 128.609                   | 109.229                   | 77.962         | 73.813           |
| 1970      | 42.172                    | 21.306                    | 22.471         | 41.455           | 195.375                   | 124.969                   | 92.319         | 75.564           |
| 1971      | 12.624                    | 29.821                    | 26.169         | 33.208           | 50.922                    | 109.761                   | 93.755         | 72.438           |
| 1972      | 34.667                    | 26.517                    | 25.503         | 29.042           | 82.987                    | 48.263                    | 85.041         | 69.983           |
| 1973      | 32.261                    | 24.240                    | 19.500         |                  | 10.881                    | 46.934                    | 55.808         |                  |
| 1974      | 5.792                     | 16.736                    | 33.052         |                  | ×                         | 44.662                    | 58.980         |                  |
| 1975      | 12.155                    | 32.778                    | 30.711         |                  | 78.442                    | 71.026                    | 43.093         |                  |
| 1976      | 80.386                    | 38.501                    |                |                  | 63.610                    | 53.831                    |                |                  |
| 1977      | 22.961                    |                           |                |                  | 19.440                    |                           |                |                  |

| 7 月 July                  |                           |                |                  | 8 月 August                |                           |                |                  | 年<br>Year |
|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|-----------|
| 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |           |
|                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 7,784                     |                           |                |                  | 3,114                     |                           |                |                  | 1937      |
| 105,055                   | 37,939                    |                |                  | 27,686                    | 10,437                    |                |                  | 1938      |
| 0,979                     | 42,026                    | 35,397         |                  | 0,512                     | 16,009                    | 30,151         |                  | 1939      |
| 20,043                    | 21,382                    | 35,948         |                  | 19,829                    | 39,986                    | 31,055         |                  | 1940      |
| 43,125                    | 24,569                    | 36,389         |                  | 99,616                    | 42,360                    | 26,634         |                  | 1941      |
| 10,540                    | 53,641                    | 36,543         | 54,434           | 7,634                     | 37,610                    | 26,897         | 19,036           | 1942      |
| 107,257                   | 39,849                    | 51,895         | 55,108           | 5,580                     | 5,014                     | 24,957         | 18,111           | 1943      |
| 1,751                     | 68,604                    | 67,294         | 56,428           | 1,828                     | 5,845                     | 7,548          | 17,521           | 1944      |
| 96,803                    | 72,891                    | 79,095         | 56,643           | 10,127                    | 8,175                     | 7,388          | 17,408           | 1945      |
| 20,120                    | 95,489                    | 69,001         | 68,379           | 12,570                    | 9,844                     | 7,367          | 12,170           | 1946      |
| 69,545                    | 82,150                    | 83,781         | 87,446           | 6,834                     | 8,294                     | 9,185          | 8,516            | 1947      |
| 56,785                    | 67,327                    | 66,351         | 99,028           | 5,478                     | 7,743                     | 8,592          | 9,718            | 1948      |
| 75,651                    | 47,364                    | 87,977         | 110,530          | 10,916                    | 7,853                     | 7,584          | 10,835           | 1949      |
| 9,656                     | 104,518                   | 115,417        | 118,548          | 7,164                     | 8,536                     | 11,544         | 11,518           | 1950      |
| 228,248                   | 148,217                   | 132,597        | 112,692          | 7,527                     | 13,776                    | 12,573         | 11,166           | 1951      |
| 206,747                   | 192,559                   | 156,742        | 113,007          | 26,637                    | 14,929                    | 14,213         | 12,066           | 1952      |
| 142,682                   | 181,936                   | 167,318        | 115,859          | 10,622                    | 18,792                    | 14,083         | 13,160           | 1953      |
| 196,378                   | 133,866                   | 129,121        | 110,941          | 19,117                    | 12,083                    | 14,405         | 12,834           | 1954      |
| 62,537                    | 98,726                    | 119,511        | 111,159          | 6,510                     | 11,588                    | 14,730         | 15,712           | 1955      |
| 37,262                    | 86,165                    | 95,912         | 109,194          | 9,138                     | 14,637                    | 13,793         | 18,948           | 1956      |
| 158,696                   | 73,548                    | 58,512         | 99,088           | 28,262                    | 14,446                    | 10,757         | 17,991           | 1957      |
| 24,686                    | 64,254                    | 62,065         | 89,850           | 5,938                     | 12,713                    | 23,794         | 20,968           | 1958      |
| 9,380                     | 38,122                    | 78,272         | 77,706           | 3,939                     | 27,190                    | 23,512         | 24,287           | 1959      |
| 80,301                    | 69,326                    | 69,448         | 79,959           | 71,692                    | 27,787                    | 19,318         | 24,015           | 1960      |
| 118,297                   | 104,391                   | 74,529         | 91,963           | 7,730                     | 28,904                    | 36,030         | 24,477           | 1961      |
| 114,576                   | 94,321                    | 81,872         | 95,016           | 7,290                     | 34,840                    | 36,568         | 23,489           | 1962      |
| 50,091                    | 70,254                    | 117,386        | 98,392           | 89,501                    | 34,472                    | 24,942         | 22,374           | 1963      |
| 46,096                    | 118,019                   | 110,128        | 111,902          | 6,626                     | 36,563                    | 25,660         | 22,620           | 1964      |
| 257,869                   | 128,658                   | 122,216        | 123,853          | 13,562                    | 10,504                    | 25,466         | 22,471           | 1965      |
| 82,009                    | 171,631                   | 127,377        | 126,891          | 11,323                    | 10,401                    | 8,682          | 22,812           | 1966      |
| 175,014                   | 110,973                   | 163,830        | 133,749          | 6,318                     | 7,740                     | 9,200          | 23,818           | 1967      |
| 75,897                    | 159,757                   | 132,323        | 136,551          | 5,580                     | 7,038                     | 19,175         | 19,798           | 1968      |
| 228,359                   | 134,864                   | 147,728        | 139,186          | 9,215                     | 26,078                    | 21,472         | 15,520           | 1969      |
| 100,335                   | 162,576                   | 154,924        | 131,725          | 63,438                    | 31,820                    | 22,675         | 15,221           | 1970      |
| 159,035                   | 156,788                   | 141,686        | 115,225          | 22,807                    | 32,860                    | 22,369         | 14,741           | 1971      |
| 210,993                   | 126,579                   | 120,018        | 104,391          | 12,335                    | 13,065                    | 21,829         | 14,559           | 1972      |
| 9,709                     | 110,351                   | 102,554        |                  | 4,052                     | 7,633                     | 10,682         |                  | 1973      |
| ×                         | 20,094                    | 65,895         |                  | 6,511                     | 6,090                     | 7,636          |                  | 1974      |
| 30,479                    | 21,439                    | 25,552         |                  | 7,706                     | 7,265                     | 6,454          |                  | 1975      |
| 12,399                    | 30,833                    |                |                  | 7,577                     | 7,236                     |                |                  | 1976      |
| 49,620                    |                           |                |                  | 6,426                     |                           |                |                  | 1977      |

Table 2-(2). (つづき) (Continued)

| 年<br>Year | 9 月 September             |                           |                |                  | 10 月 October              |                           |                |                  |
|-----------|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|
|           | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |
|           |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 27,403                    |                           |                |                  | 24,218                    |                           |                |                  |
| 1938      | 26,444                    | 18,265                    |                |                  | 32,616                    | 20,278                    |                |                  |
| 1939      | 0,948                     | 11,357                    | 30,485         |                  | 4,000                     | 13,565                    | 22,906         |                  |
| 1940      | 6,680                     | 32,859                    | 47,523         |                  | 4,080                     | 19,231                    | 22,366         |                  |
| 1941      | 90,949                    | 70,074                    | 63,121         |                  | 49,614                    | 25,072                    | 17,670         |                  |
| 1942      | 112,594                   | 102,660                   | 63,660         | 49,485           | 21,521                    | 26,756                    | 21,265         | 43,842           |
| 1943      | 104,436                   | 73,557                    | 87,049         | 49,210           | 9,134                     | 17,543                    | 71,787         | 45,082           |
| 1944      | 3,641                     | 77,234                    | 70,655         | 53,906           | 21,974                    | 95,933                    | 66,640         | 49,205           |
| 1945      | 123,624                   | 45,416                    | 49,276         | 58,287           | 256,690                   | 100,848                   | 63,455         | 51,399           |
| 1946      | 8,982                     | 46,101                    | 36,921         | 54,619           | 23,881                    | 95,389                    | 76,835         | 49,556           |
| 1947      | 5,697                     | 19,113                    | 51,921         | 45,662           | 5,596                     | 35,170                    | 81,051         | 46,748           |
| 1948      | 42,659                    | 42,334                    | 30,518         | 42,109           | 76,034                    | 41,561                    | 31,492         | 46,069           |
| 1949      | 78,645                    | 45,970                    | 30,256         | 45,227           | 43,053                    | 42,662                    | 28,304         | 45,654           |
| 1950      | 16,606                    | 34,307                    | 32,461         | 41,210           | 8,898                     | 19,963                    | 28,593         | 32,741           |
| 1951      | 7,671                     | 13,666                    | 49,780         | 37,245           | 7,937                     | 7,960                     | 15,394         | 19,731           |
| 1952      | 16,722                    | 51,216                    | 42,288         | 41,541           | 7,044                     | 8,340                     | 9,337          | 20,065           |
| 1953      | 129,255                   | 62,387                    | 40,114         | 42,065           | 10,040                    | 9,951                     | 9,084          | 17,541           |
| 1954      | 41,185                    | 58,725                    | 48,093         | 38,142           | 12,768                    | 10,146                    | 10,042         | 13,015           |
| 1955      | 5,735                     | 31,496                    | 55,353         | 37,218           | 7,631                     | 11,042                    | 13,320         | 13,700           |
| 1956      | 47,569                    | 35,442                    | 30,667         | 38,996           | 12,727                    | 14,597                    | 12,857         | 18,117           |
| 1957      | 53,023                    | 35,472                    | 29,834         | 39,061           | 23,432                    | 14,629                    | 14,472         | 20,829           |
| 1958      | 5,823                     | 31,955                    | 36,636         | 34,491           | 7,728                     | 17,333                    | 21,908         | 22,130           |
| 1959      | 37,019                    | 27,530                    | 31,143         | 29,574           | 20,840                    | 24,461                    | 31,433         | 23,641           |
| 1960      | 39,747                    | 32,289                    | 21,654         | 41,238           | 44,814                    | 42,002                    | 28,519         | 24,103           |
| 1961      | 20,101                    | 21,810                    | 30,290         | 55,758           | 60,353                    | 38,009                    | 33,824         | 24,160           |
| 1962      | 5,582                     | 24,895                    | 27,505         | 55,295           | 8,860                     | 34,488                    | 33,413         | 23,261           |
| 1963      | 49,002                    | 25,892                    | 70,976         | 53,333           | 34,251                    | 20,633                    | 26,617         | 23,967           |
| 1964      | 23,093                    | 109,732                   | 84,278         | 52,202           | 18,789                    | 21,290                    | 16,683         | 24,686           |
| 1965      | 257,100                   | 122,269                   | 84,105         | 49,256           | 10,831                    | 13,435                    | 16,408         | 23,888           |
| 1966      | 86,615                    | 116,144                   | 77,282         | 48,535           | 10,685                    | 9,667                     | 17,117         | 21,312           |
| 1967      | 4,717                     | 35,406                    | 73,729         | 53,429           | 7,485                     | 18,655                    | 14,391         | 18,703           |
| 1968      | 14,887                    | 8,310                     | 24,816         | 55,728           | 37,796                    | 16,813                    | 21,130         | 17,542           |
| 1969      | 5,326                     | 10,916                    | 14,069         | 53,446           | 5,158                     | 29,160                    | 20,816         | 18,541           |
| 1970      | 12,536                    | 16,914                    | 31,263         | 41,015           | 44,526                    | 19,600                    | 20,905         | 21,941           |
| 1971      | 32,880                    | 45,368                    | 30,261         | 37,619           | 9,116                     | 20,524                    | 15,736         | 24,032           |
| 1972      | 90,688                    | 44,480                    | 32,511         | 47,807           | 7,930                     | 9,666                     | 26,919         | 25,212           |
| 1973      | 9,873                     | 39,046                    | 33,003         |                  | 11,951                    | 26,985                    | 25,323         |                  |
| 1974      | 16,578                    | 13,815                    | 78,587         |                  | 61,074                    | 36,524                    | 28,858         |                  |
| 1975      | 14,995                    | 97,457                    | 67,310         |                  | 36,546                    | 41,470                    | 30,268         |                  |
| 1976      | 260,799                   | 103,366                   |                |                  | 26,790                    | 26,105                    |                |                  |
| 1977      | 34,304                    |                           |                |                  | 14,980                    |                           |                |                  |

| 11 月 November             |                           |                |                  | 12 月 December             |                           |                |                  | 年<br>Year |
|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|-----------|
| 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |           |
|                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 36.626                    |                           |                |                  | 4.640                     |                           |                |                  | 1937      |
| 5.764                     | 15.004                    |                |                  | 4.913                     | 3.648                     |                |                  | 1938      |
| 2.622                     | 3.872                     | 11.628         |                  | 1.391                     | 2.852                     | 5.883          |                  | 1939      |
| 3.231                     | 5.251                     | 5.413          |                  | 2.253                     | 6.621                     | 5.734          |                  | 1940      |
| 9.899                     | 6.226                     | 5.793          |                  | 16.220                    | 7.456                     | 5.715          |                  | 1941      |
| 5.547                     | 7.704                     | 11.117         | 10.529           | 3.894                     | 8.310                     | 7.356          | 7.137            | 1942      |
| 7.666                     | 14.152                    | 12.977         | 9.965            | 4.816                     | 6.103                     | 8.921          | 7.449            | 1943      |
| 29.243                    | 16.480                    | 12.710         | 11.315           | 9.598                     | 8.163                     | 8.307          | 8.927            | 1944      |
| 12.532                    | 16.779                    | 12.364         | 12.846           | 10.075                    | 10.941                    | 8.625          | 10.631           | 1945      |
| 8.562                     | 8.304                     | 16.288         | 13.964           | 13.151                    | 9.571                     | 9.720          | 10.623           | 1946      |
| 3.818                     | 13.222                    | 12.063         | 14.059           | 5.486                     | 9.642                     | 12.916         | 10.178           | 1947      |
| 27.286                    | 13.073                    | 15.226         | 14.418           | 10.290                    | 13.784                    | 13.331         | 10.675           | 1948      |
| 8.115                     | 21.249                    | 14.941         | 13.517           | 25.577                    | 16.006                    | 11.932         | 11.172           | 1949      |
| 28.347                    | 14.534                    | 16.219         | 12.162           | 12.151                    | 14.628                    | 11.846         | 10.945           | 1950      |
| 7.141                     | 15.231                    | 12.799         | 12.038           | 6.157                     | 7.788                     | 12.510         | 10.238           | 1951      |
| 10.204                    | 9.178                     | 12.919         | 12.433           | 5.057                     | 8.273                     | 9.542          | 9.872            | 1952      |
| 10.188                    | 9.703                     | 8.440          | 11.559           | 13.606                    | 9.800                     | 7.991          | 9.686            | 1953      |
| 8.717                     | 8.286                     | 9.545          | 11.467           | 10.738                    | 9.581                     | 7.699          | 9.161            | 1954      |
| 5.952                     | 9.111                     | 9.026          | 11.513           | 4.399                     | 6.611                     | 8.012          | 8.607            | 1955      |
| 12.663                    | 8.742                     | 8.192          | 10.949           | 4.695                     | 5.238                     | 6.376          | 8.379            | 1956      |
| 7.612                     | 8.764                     | 11.958         | 11.113           | 6.621                     | 5.582                     | 8.215          | 8.536            | 1957      |
| 6.016                     | 13.726                    | 12.736         | 10.893           | 5.429                     | 10.660                    | 8.679          | 8.380            | 1958      |
| 27.549                    | 14.468                    | 13.074         | 10.971           | 19.931                    | 10.693                    | 9.146          | 7.839            | 1959      |
| 9.838                     | 17.248                    | 12.806         | 11.652           | 6.718                     | 11.227                    | 9.287          | 8.013            | 1960      |
| 14.357                    | 10.155                    | 13.546         | 12.016           | 7.031                     | 7.025                     | 9.845          | 8.589            | 1961      |
| 6.270                     | 10.115                    | 10.188         | 11.731           | 7.326                     | 7.525                     | 6.920          | 8.616            | 1962      |
| 9.717                     | 8.914                     | 11.725         | 11.533           | 8.218                     | 6.951                     | 8.238          | 8.514            | 1963      |
| 10.756                    | 12.666                    | 10.529         | 10.263           | 5.309                     | 8.944                     | 8.294          | 7.744            | 1964      |
| 17.525                    | 12.219                    | 10.515         | 9.183            | 13.305                    | 8.642                     | 7.738          | 7.008            | 1965      |
| 8.376                     | 10.701                    | 9.264          | 8.829            | 7.311                     | 8.388                     | 7.185          | 6.983            | 1966      |
| 6.201                     | 6.014                     | 8.052          | 8.710            | 4.549                     | 5.770                     | 7.027          | 7.170            | 1967      |
| 3.464                     | 4.787                     | 6.769          | 8.682            | 5.451                     | 4.839                     | 5.847          | 7.156            | 1968      |
| 4.695                     | 6.422                     | 6.293          | 8.290            | 4.517                     | 5.791                     | 5.555          | 7.223            | 1969      |
| 11.108                    | 7.266                     | 7.505          | 9.305            | 7.406                     | 5.924                     | 7.093          | 7.692            | 1970      |
| 5.996                     | 9.789                     | 7.442          | 10.626           | 5.850                     | 8.498                     | 6.608          | 7.949            | 1971      |
| 12.263                    | 7.135                     | 8.400          | 11.452           | 12.239                    | 7.039                     | 8.074          | 8.152            | 1972      |
| 3.146                     | 8.299                     | 13.997         |                  | 3.029                     | 9.037                     | 9.821          |                  | 1973      |
| 9.488                     | 17.242                    | 15.445         |                  | 11.844                    | 10.339                    | 10.574         |                  | 1974      |
| 39.092                    | 20.606                    | 16.566         |                  | 16.145                    | 12.534                    | 9.386          |                  | 1975      |
| 13.238                    | 23.398                    |                |                  | 9.613                     | 10.686                    |                |                  | 1976      |
| 17.865                    |                           |                |                  | 6.300                     |                           |                |                  | 1977      |

## (3) 北谷の月流出量 Monthly runoff from KITA-TANI

| 年<br>Year | 1 月 January               |                           |                |                  | 2 月 February              |                           |                |                  |
|-----------|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|
|           | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |
|           |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 5,373                     |                           |                |                  | 21,816                    |                           |                |                  |
| 1938      | 9,276                     | 6,291                     |                |                  | 7,316                     | 11,093                    |                |                  |
| 1939      | 4,224                     | 4,982                     | 4,800          |                  | 4,147                     | 4,875                     | 8,777          |                  |
| 1940      | 1,447                     | 3,116                     | 4,722          |                  | 3,162                     | 4,917                     | 5,772          |                  |
| 1941      | 3,678                     | 3,370                     | 3,574          |                  | 7,443                     | 5,798                     | 5,304          |                  |
| 1942      | 4,984                     | 4,066                     | 3,413          | 6,314            | 6,790                     | 6,403                     | 5,216          | 6,908            |
| 1943      | 3,536                     | 3,980                     | 3,639          | 7,383            | 4,977                     | 5,158                     | 5,513          | 6,284            |
| 1944      | 3,420                     | 3,178                     | 5,159          | 7,843            | 3,706                     | 4,444                     | 6,457          | 6,987            |
| 1945      | 2,578                     | 5,759                     | 10,577         | 12,777           | 4,650                     | 6,839                     | 6,627          | 9,471            |
| 1946      | 11,278                    | 15,309                    | 10,660         | 17,761           | 12,162                    | 8,150                     | 7,432          | 12,578           |
| 1947      | 32,071                    | 15,768                    | 13,724         | 19,675           | 7,638                     | 9,602                     | 9,997          | 15,100           |
| 1948      | 3,955                     | 18,254                    | 30,330         | 20,866           | 9,005                     | 11,057                    | 17,158         | 16,573           |
| 1949      | 18,737                    | 36,100                    | 31,915         | 21,721           | 16,528                    | 21,997                    | 21,184         | 17,146           |
| 1950      | 85,609                    | 41,182                    | 31,050         | 22,630           | 40,457                    | 29,759                    | 26,134         | 18,576           |
| 1951      | 19,201                    | 44,186                    | 31,177         | 22,926           | 32,292                    | 35,045                    | 26,100         | 19,254           |
| 1952      | 27,748                    | 17,179                    | 31,325         | 21,668           | 32,387                    | 24,504                    | 25,057         | 19,705           |
| 1953      | 4,588                     | 17,272                    | 15,140         | 20,430           | 8,834                     | 17,512                    | 22,093         | 21,068           |
| 1954      | 19,479                    | 9,584                     | 14,320         | 20,867           | 11,315                    | 15,262                    | 16,579         | 23,847           |
| 1955      | 4,684                     | 13,088                    | 9,388          | 17,503           | 25,638                    | 13,891                    | 14,922         | 24,226           |
| 1956      | 15,100                    | 7,625                     | 10,106         | 13,258           | 4,720                     | 18,154                    | 17,115         | 21,325           |
| 1957      | 3,090                     | 8,790                     | 10,860         | 11,407           | 24,103                    | 16,208                    | 27,116         | 18,794           |
| 1958      | 8,179                     | 11,506                    | 12,688         | 10,082           | 19,801                    | 35,073                    | 22,639         | 16,978           |
| 1959      | 23,249                    | 15,083                    | 10,884         | 9,908            | 61,316                    | 28,124                    | 23,988         | 18,263           |
| 1960      | 13,820                    | 14,383                    | 11,035         | 9,846            | 3,256                     | 25,345                    | 19,689         | 18,855           |
| 1961      | 6,081                     | 7,916                     | 9,797          | 9,830            | 11,463                    | 5,776                     | 16,186         | 18,978           |
| 1962      | 3,847                     | 3,973                     | 8,867          | 9,962            | 2,609                     | 5,453                     | 12,636         | 19,365           |
| 1963      | 1,990                     | 8,144                     | 6,971          | 9,856            | 2,288                     | 16,154                    | 13,028         | 17,931           |
| 1964      | 18,596                    | 8,308                     | 8,777          | 9,325            | 43,565                    | 17,023                    | 16,258         | 15,820           |
| 1965      | 4,339                     | 12,682                    | 9,152          | 8,511            | 5,215                     | 25,464                    | 17,527         | 14,440           |
| 1966      | 15,112                    | 8,392                     | 9,440          | 8,040            | 27,611                    | 13,928                    | 18,322         | 14,239           |
| 1967      | 5,724                     | 8,088                     | 9,197          | 8,457            | 8,958                     | 14,276                    | 16,137         | 15,467           |
| 1968      | 3,427                     | 8,844                     | 9,012          | 10,310           | 6,260                     | 15,952                    | 15,958         | 18,069           |
| 1969      | 17,381                    | 8,074                     | 7,401          | 11,006           | 32,639                    | 14,407                    | 11,711         | 17,471           |
| 1970      | 3,414                     | 9,285                     | 8,497          | 10,698           | 4,321                     | 14,446                    | 16,370         | 16,320           |
| 1971      | 7,060                     | 7,226                     | 14,151         | 10,789           | 6,379                     | 14,317                    | 20,056         | 17,002           |
| 1972      | 11,203                    | 16,653                    | 11,237         | 10,425           | 32,250                    | 21,107                    | 15,369         | 16,903           |
| 1973      | 31,697                    | 15,237                    | 13,347         |                  | 24,693                    | 22,048                    | 17,815         |                  |
| 1974      | 2,810                     | 16,157                    | 13,396         |                  | 9,202                     | 16,816                    | 22,525         |                  |
| 1975      | 13,965                    | 8,026                     | 12,405         |                  | 16,553                    | 18,560                    | 17,007         |                  |
| 1976      | 7,303                     | 9,172                     |                |                  | 29,926                    | 17,046                    |                |                  |
| 1977      | 6,249                     |                           |                |                  | 4,659                     |                           |                |                  |

| 3 月 March                 |                           |                |                  | 4 月 April                 |                           |                |                  | 年<br>Year |
|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|-----------|
| 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |           |
|                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 26.643                    |                           |                |                  | 8,032                     |                           |                |                  | 1937      |
| 11.420                    | 17.373                    |                |                  | 7.467                     | 7.646                     |                |                  | 1938      |
| 14.057                    | 9.590                     | 14.639         |                  | 7.438                     | 7.034                     | 7.447          |                  | 1939      |
| 3.294                     | 11.711                    | 15.669         |                  | 6.198                     | 7.245                     | 8.079          |                  | 1940      |
| 17.783                    | 17.623                    | 14.298         |                  | 8.098                     | 8.497                     | 12.438         |                  | 1941      |
| 31.792                    | 18.047                    | 13.247         | 22.446           | 11.194                    | 16.184                    | 14.382         | 18.023           | 1942      |
| 4.566                     | 15.053                    | 23.463         | 23.561           | 29.261                    | 19.204                    | 15.117         | 20.909           | 1943      |
| 8.802                     | 22.580                    | 30.983         | 27.805           | 17.157                    | 18.765                    | 25.845         | 22.764           | 1944      |
| 54.373                    | 39.520                    | 28.492         | 33.804           | 9.876                     | 29.590                    | 30.721         | 27.227           | 1945      |
| 55.384                    | 43.031                    | 35.784         | 38.564           | 61.736                    | 35.729                    | 32.398         | 35.064           | 1946      |
| 19.337                    | 38.581                    | 47.889         | 42.012           | 35.575                    | 44.986                    | 31.838         | 43.007           | 1947      |
| 41.022                    | 43.229                    | 50.616         | 45.250           | 37.646                    | 29.193                    | 47.569         | 46.253           | 1948      |
| 69.327                    | 59.453                    | 49.193         | 47.399           | 14.359                    | 46.845                    | 51.726         | 46.573           | 1949      |
| 68.009                    | 61.869                    | 59.380         | 47.979           | 88.531                    | 61.804                    | 63.736         | 51.067           | 1950      |
| 48.272                    | 62.184                    | 57.343         | 47.788           | 82.521                    | 88.892                    | 58.158         | 52.350           | 1951      |
| 70.270                    | 49.793                    | 48.581         | 47.258           | 95.625                    | 62.634                    | 63.897         | 52.575           | 1952      |
| 30.838                    | 42.208                    | 44.831         | 46.306           | 9.756                     | 49.477                    | 60.962         | 56.374           | 1953      |
| 25.517                    | 35.204                    | 46.514         | 43.920           | 43.051                    | 42.221                    | 49.142         | 59.132           | 1954      |
| 49.256                    | 43.821                    | 33.944         | 39.009           | 73.855                    | 46.776                    | 45.696         | 58.300           | 1955      |
| 56.689                    | 37.789                    | 34.558         | 34.934           | 23.421                    | 58.558                    | 57.905         | 55.111           | 1956      |
| 7.422                     | 32.672                    | 35.197         | 30.357           | 78.399                    | 57.539                    | 56.566         | 51.380           | 1957      |
| 33.904                    | 23.346                    | 27.428         | 25.810           | 70.798                    | 61.852                    | 51.776         | 50.468           | 1958      |
| 28.712                    | 24.343                    | 20.965         | 24.456           | 36.359                    | 52.353                    | 58.566         | 53.996           | 1959      |
| 10.412                    | 21.166                    | 20.005         | 24.060           | 49.901                    | 47.878                    | 52.116         | 53.535           | 1960      |
| 24.375                    | 12.470                    | 14.731         | 24.986           | 57.374                    | 51.141                    | 46.153         | 52.907           | 1961      |
| 2.624                     | 11.511                    | 13.339         | 28.406           | 46.147                    | 48.169                    | 55.360         | 59.309           | 1962      |
| 7.534                     | 10.636                    | 20.276         | 29.797           | 40.985                    | 56.508                    | 50.436         | 61.529           | 1963      |
| 21.750                    | 24.793                    | 31.276         | 28.645           | 82.393                    | 49.554                    | 50.849         | 59.314           | 1964      |
| 45.096                    | 48.740                    | 41.377         | 28.155           | 25.283                    | 55.705                    | 75.703         | 61.050           | 1965      |
| 79.374                    | 59.200                    | 43.076         | 27.564           | 59.438                    | 85.045                    | 72.144         | 61.388           | 1966      |
| 53.131                    | 49.511                    | 43.433         | 28.109           | 170.415                   | 84.348                    | 63.599         | 60.712           | 1967      |
| 16.027                    | 30.898                    | 35.574         | 29.000           | 23.191                    | 77.758                    | 74.805         | 62.749           | 1968      |
| 23.536                    | 15.121                    | 23.130         | 28.928           | 39.667                    | 48.057                    | 69.462         | 63.757           | 1969      |
| 5.800                     | 15.498                    | 16.655         | 27.170           | 81.313                    | 51.235                    | 46.833         | 64.730           | 1970      |
| 17.157                    | 14.571                    | 14.894         | 23.495           | 32.724                    | 57.103                    | 56.315         | 69.302           | 1971      |
| 20.755                    | 15.044                    | 14.311         | 21.607           | 57.271                    | 53.532                    | 62.971         | 67.045           | 1972      |
| 7.221                     | 16.199                    | 15.363         |                  | 70.600                    | 66.940                    | 57.545         |                  | 1973      |
| 20.622                    | 12.968                    | 19.915         |                  | 72.948                    | 65.910                    | 75.396         |                  | 1974      |
| 11.062                    | 23.866                    | 26.727         |                  | 54.181                    | 83.036                    | 76.488         |                  | 1975      |
| 39.913                    | 35.264                    |                |                  | 121.979                   | 79.630                    |                |                  | 1976      |
| 54.816                    |                           |                |                  | 62.731                    |                           |                |                  | 1977      |

Table 2-(3). (つづき) (Continued)

| 年<br>Year | 5 月 May                   |                           |                |                  | 6 月 June                  |                           |                |                  |
|-----------|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|
|           | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |
|           |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 13,201                    |                           |                |                  | 76,889                    |                           |                |                  |
| 1938      | 20,818                    | 12,939                    |                |                  | 130,314                   | 69,966                    |                |                  |
| 1939      | 4,799                     | 8,919                     | 16,846         |                  | 2,694                     | 50,310                    | 65,380         |                  |
| 1940      | 1,140                     | 16,737                    | 22,768         |                  | 17,922                    | 39,899                    | 72,470         |                  |
| 1941      | 44,273                    | 29,408                    | 24,744         |                  | 99,081                    | 76,447                    | 69,597         |                  |
| 1942      | 42,812                    | 39,260                    | 26,244         | 34,324           | 112,338                   | 109,123                   | 69,910         | 65,567           |
| 1943      | 30,695                    | 28,602                    | 31,268         | 37,927           | 115,950                   | 77,015                    | 74,502         | 57,078           |
| 1944      | 12,300                    | 23,085                    | 44,336         | 39,723           | 2,758                     | 53,697                    | 70,132         | 57,682           |
| 1945      | 26,259                    | 49,390                    | 53,346         | 42,643           | 42,383                    | 40,791                    | 54,287         | 66,452           |
| 1946      | 109,612                   | 74,578                    | 50,850         | 44,367           | 77,233                    | 50,910                    | 31,957         | 63,916           |
| 1947      | 87,862                    | 71,898                    | 57,056         | 44,935           | 33,113                    | 38,214                    | 59,565         | 56,386           |
| 1948      | 18,219                    | 49,802                    | 56,003         | 47,431           | 4,297                     | 59,403                    | 62,131         | 59,697           |
| 1949      | 43,326                    | 27,514                    | 45,861         | 54,039           | 140,800                   | 66,769                    | 48,900         | 76,810           |
| 1950      | 20,998                    | 41,074                    | 36,199         | 58,999           | 55,211                    | 69,030                    | 52,223         | 87,453           |
| 1951      | 58,898                    | 39,817                    | 49,328         | 57,576           | 11,080                    | 38,673                    | 100,321        | 87,662           |
| 1952      | 39,555                    | 60,773                    | 58,920         | 52,231           | 49,729                    | 101,865                   | 115,395        | 88,705           |
| 1953      | 83,865                    | 71,568                    | 64,019         | 49,854           | 244,786                   | 170,228                   | 112,721        | 90,826           |
| 1954      | 91,285                    | 73,880                    | 64,420         | 51,920           | 216,168                   | 167,598                   | 126,894        | 86,099           |
| 1955      | 46,490                    | 66,227                    | 62,445         | 54,527           | 41,841                    | 113,319                   | 126,803        | 78,784           |
| 1956      | 60,906                    | 45,692                    | 51,445         | 53,840           | 81,948                    | 57,687                    | 83,956         | 80,007           |
| 1957      | 29,680                    | 39,816                    | 47,988         | 52,115           | 49,271                    | 53,923                    | 44,725         | 90,253           |
| 1958      | 28,862                    | 44,181                    | 47,180         | 56,252           | 30,550                    | 33,279                    | 42,295         | 92,433           |
| 1959      | 74,000                    | 48,439                    | 39,742         | 56,119           | 20,016                    | 26,751                    | 38,117         | 78,168           |
| 1960      | 42,454                    | 46,722                    | 41,853         | 56,509           | 29,688                    | 36,921                    | 69,199         | 71,902           |
| 1961      | 23,713                    | 35,468                    | 69,265         | 64,116           | 61,059                    | 98,476                    | 89,774         | 76,165           |
| 1962      | 40,238                    | 76,623                    | 55,779         | 69,212           | 204,680                   | 133,055                   | 94,217         | 79,508           |
| 1963      | 165,918                   | 70,909                    | 75,091         | 71,049           | 133,427                   | 126,779                   | 106,371        | 79,738           |
| 1964      | 6,571                     | 103,834                   | 94,450         | 67,676           | 42,229                    | 88,705                    | 117,876        | 85,696           |
| 1965      | 139,013                   | 88,699                    | 100,804        | 65,298           | 90,459                    | 83,758                    | 96,175         | 103,626          |
| 1966      | 120,512                   | 110,510                   | 72,275         | 65,888           | 118,585                   | 104,522                   | 63,932         | 114,538          |
| 1967      | 72,004                    | 71,931                    | 73,386         | 66,066           | ×                         | 61,520                    | 91,712         | 109,219          |
| 1968      | 23,276                    | 35,802                    | 56,938         | 60,049           | 4,455                     | 78,902                    | 123,872        | 96,828           |
| 1969      | 12,126                    | 30,725                    | 37,071         | 53,626           | 153,348                   | 125,634                   | 111,239        | 88,053           |
| 1970      | 56,773                    | 30,026                    | 31,940         | 47,308           | 219,100                   | 146,834                   | 109,381        | 86,361           |
| 1971      | 21,178                    | 41,433                    | 35,176         | 39,237           | 68,053                    | 129,701                   | 111,113        | 83,966           |
| 1972      | 46,349                    | 35,661                    | 33,668         | 34,951           | 101,949                   | 61,038                    | 81,763         | 78,412           |
| 1973      | 39,455                    | 30,130                    | 25,241         |                  | 13,113                    | 40,555                    | 56,668         |                  |
| 1974      | 4,586                     | 19,559                    | 37,698         |                  | 6,602                     | 37,780                    | 57,521         |                  |
| 1975      | 14,636                    | 34,228                    | 33,094         |                  | 93,624                    | 57,514                    | 42,074         |                  |
| 1976      | 83,463                    | 40,476                    |                |                  | 72,317                    | 63,551                    |                |                  |
| 1977      | 23,330                    |                           |                |                  | 24,713                    |                           |                |                  |

| 7 月 July                  |                           |                |                  | 8 月 August                |                           |                |                  | 年<br>Year |
|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|-----------|
| 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |           |
|                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 7.485                     |                           |                |                  | 3.748                     |                           |                |                  | 1937      |
| 107.003                   | 38.586                    |                |                  | 32.124                    | 12.190                    |                |                  | 1938      |
| 1.271                     | 45.435                    | 38.301         |                  | 0.699                     | 20.426                    | 34.822         |                  | 1939      |
| 28.032                    | 25.672                    | 38.731         |                  | 28.454                    | 46.079                    | 35.911         |                  | 1940      |
| 47.713                    | 28.460                    | 42.278         |                  | 109.083                   | 48.911                    | 30.379         |                  | 1941      |
| 9.635                     | 60.696                    | 42.458         | 61.586           | 9.195                     | 40.914                    | 30.745         | 21.929           | 1942      |
| 124.741                   | 45.515                    | 58.049         | 62.697           | 4.463                     | 5.395                     | 28.617         | 20.916           | 1943      |
| 2.170                     | 77.632                    | 77.365         | 64.093           | 2.528                     | 8.270                     | 8.837          | 20.248           | 1944      |
| 105.985                   | 84.149                    | 91.947         | 67.175           | 17.818                    | 10.175                    | 8.147          | 19.782           | 1945      |
| 144.293                   | 110.941                   | 77.832         | 76.674           | 10.179                    | 11.247                    | 9.226          | 13.665           | 1946      |
| 82.545                    | 93.668                    | 93.802         | 98.681           | 5.745                     | 8.594                     | 10.642         | 9.266            | 1947      |
| 54.167                    | 72.910                    | 74.393         | 111.849          | 9.858                     | 8.405                     | 9.125          | 10.166           | 1948      |
| 82.018                    | 48.375                    | 96.889         | 123.046          | 9.611                     | 9.901                     | 8.082          | 11.234           | 1949      |
| 8.940                     | 115.911                   | 128.524        | 130.625          | 10.233                    | 8.269                     | 12.000         | 11.508           | 1950      |
| 256.774                   | 168.811                   | 149.094        | 123.038          | 4.962                     | 13.511                    | 11.292         | 10.705           | 1951      |
| 240.719                   | 218.171                   | 171.454        | 121.104          | 25.338                    | 12.205                    | 13.777         | 11.509           | 1952      |
| 157.020                   | 197.186                   | 182.850        | 123.212          | 6.316                     | 17.897                    | 12.489         | 12.212           | 1953      |
| 193.819                   | 138.918                   | 138.021        | 118.160          | 22.036                    | 10.715                    | 13.123         | 11.690           | 1954      |
| 65.916                    | 97.455                    | 120.983        | 117.758          | 3.793                     | 11.321                    | 12.829         | 14.174           | 1955      |
| 32.629                    | 84.692                    | 94.248         | 112.553          | 8.133                     | 11.931                    | 12.727         | 16.901           | 1956      |
| 155.531                   | 70.502                    | 57.842         | 97.648           | 23.867                    | 12.602                    | 8.965          | 15.709           | 1957      |
| 23.347                    | 63.554                    | 58.886         | 84.825           | 5.807                     | 10.966                    | 21.463         | 17.641           | 1958      |
| 11.785                    | 35.424                    | 70.457         | 71.161           | 3.223                     | 25.106                    | 20.530         | 19.765           | 1959      |
| 71.140                    | 57.802                    | 61.131         | 72.343           | 66.287                    | 24.325                    | 16.355         | 18.954           | 1960      |
| 90.480                    | 90.174                    | 62.939         | 83.246           | 3.454                     | 24.249                    | 28.654         | 19.005           | 1961      |
| 108.901                   | 77.257                    | 69.613         | 81.848           | 2.995                     | 24.587                    | 28.715         | 17.911           | 1962      |
| 32.391                    | 62.149                    | 103.032        | 81.964           | 67.302                    | 24.608                    | 16.673         | 16.965           | 1963      |
| 45.155                    | 105.260                   | 100.607        | 98.070           | 3.526                     | 25.636                    | 17.354         | 17.135           | 1964      |
| 238.233                   | 120.581                   | 98.534         | 111.618          | 6.079                     | 5.491                     | 17.407         | 17.498           | 1965      |
| 78.355                    | 158.294                   | 115.216        | 117.833          | 6.867                     | 5.402                     | 5.445          | 19.361           | 1966      |
| ×                         | 88.738                    | 160.407        | 128.635          | 3.259                     | 5.873                     | 5.728          | 21.213           | 1967      |
| 99.121                    | 162.521                   | 126.066        | 133.861          | 7.492                     | 5.232                     | 18.875         | 18.279           | 1968      |
| 225.920                   | 141.969                   | 149.636        | 138.610          | 4.944                     | 28.083                    | 24.543         | 15.088           | 1969      |
| 100.866                   | 166.474                   | 163.945        | 132.830          | 71.812                    | 37.322                    | 25.547         | 15.073           | 1970      |
| 172.636                   | 164.894                   | 146.955        | 117.446          | 35.209                    | 38.434                    | 24.716         | 14.979           | 1971      |
| 221.181                   | 135.996                   | 131.543        | 110.529          | 8.280                     | 15.608                    | 24.463         | 14.965           | 1972      |
| 14.170                    | 128.071                   | 117.469        |                  | 3.334                     | 5.098                     | 11.225         |                  | 1973      |
| 148.861                   | 64.509                    | 84.775         |                  | 3.681                     | 4.211                     | 5.273          |                  | 1974      |
| 30.497                    | 62.841                    | 51.580         |                  | 5.619                     | 4.916                     | 4.495          |                  | 1975      |
| 9.166                     | 31.623                    |                |                  | 5.449                     | 5.153                     |                |                  | 1976      |
| 55.205                    |                           |                |                  | 4.392                     |                           |                |                  | 1977      |

Table 2-(3). (つづき) (Continued)

| 年<br>Year | 9 月 September             |                           |                |                  | 10 月 October              |                           |                |                  |
|-----------|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|
|           | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |
|           |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 36.652                    |                           |                |                  | 27.007                    |                           |                |                  |
| 1938      | 29.051                    | 22.283                    |                |                  | 33.884                    | 22.027                    |                |                  |
| 1939      | 1.146                     | 12.857                    | 34.943         |                  | 5.189                     | 14.406                    | 24.800         |                  |
| 1940      | 8.375                     | 36.337                    | 52.562         |                  | 4.145                     | 21.036                    | 24.261         |                  |
| 1941      | 99.489                    | 77.537                    | 70.561         |                  | 53.773                    | 27.411                    | 19.095         |                  |
| 1942      | 124.747                   | 114.427                   | 71.200         | 55.726           | 24.316                    | 28.714                    | 24.650         | 48.123           |
| 1943      | 119.046                   | 82.712                    | 97.717         | 55.682           | 8.053                     | 21.777                    | 74.981         | 50.315           |
| 1944      | 4.342                     | 88.117                    | 79.690         | 61.935           | 32.963                    | 98.939                    | 73.595         | 55.972           |
| 1945      | 140.962                   | 51.552                    | 55.711         | 67.580           | 255.800                   | 111.869                   | 69.838         | 58.871           |
| 1946      | 9.353                     | 51.722                    | 43.896         | 63.879           | 46.843                    | 102.724                   | 88.067         | 57.219           |
| 1947      | 4.851                     | 24.725                    | 62.083         | 53.886           | 5.529                     | 50.524                    | 92.077         | 54.124           |
| 1948      | 59.972                    | 53.367                    | 39.321         | 50.711           | 99.199                    | 52.581                    | 43.775         | 53.134           |
| 1949      | 95.278                    | 60.801                    | 38.787         | 55.639           | 53.015                    | 55.502                    | 36.524         | 52.037           |
| 1950      | 27.152                    | 43.038                    | 41.356         | 51.500           | 14.291                    | 25.964                    | 36.541         | 38.500           |
| 1951      | 6.684                     | 17.176                    | 61.880         | 47.159           | 10.585                    | 10.163                    | 18.089         | 24.298           |
| 1952      | 17.692                    | 62.324                    | 54.697         | 52.517           | 5.613                     | 7.713                     | 9.915          | 23.287           |
| 1953      | 162.596                   | 79.882                    | 49.898         | 52.600           | 6.941                     | 8.234                     | 8.230          | 19.563           |
| 1954      | 59.359                    | 75.038                    | 60.630         | 46.619           | 12.147                    | 8.318                     | 8.661          | 13.008           |
| 1955      | 3.160                     | 40.954                    | 69.293         | 43.542           | 5.865                     | 10.251                    | 11.424         | 11.872           |
| 1956      | 60.344                    | 41.503                    | 37.873         | 44.318           | 12.741                    | 12.677                    | 12.197         | 15.088           |
| 1957      | 61.005                    | 42.282                    | 32.026         | 44.134           | 19.424                    | 14.325                    | 11.830         | 17.266           |
| 1958      | 5.497                     | 32.208                    | 37.548         | 36.930           | 10.810                    | 13.515                    | 17.513         | 18.302           |
| 1959      | 30.122                    | 22.131                    | 29.197         | 29.131           | 10.312                    | 18.467                    | 25.947         | 19.864           |
| 1960      | 30.773                    | 26.494                    | 17.416         | 40.455           | 34.279                    | 33.167                    | 23.033         | 20.356           |
| 1961      | 18.587                    | 17.153                    | 23.139         | 54.808           | 54.911                    | 31.348                    | 26.552         | 20.051           |
| 1962      | 2.100                     | 18.266                    | 23.486         | 53.535           | 4.854                     | 29.390                    | 28.876         | 19.049           |
| 1963      | 34.111                    | 22.690                    | 68.760         | 51.573           | 28.404                    | 18.396                    | 23.205         | 20.119           |
| 1964      | 31.858                    | 107.704                   | 83.729         | 51.196           | 21.930                    | 18.754                    | 13.538         | 21.580           |
| 1965      | 257.144                   | 127.477                   | 83.798         | 49.034           | 5.928                     | 11.477                    | 13.677         | 22.277           |
| 1966      | 93.430                    | 117.674                   | 81.941         | 49.372           | 6.574                     | 6.016                     | 17.214         | 20.921           |
| 1967      | 2.447                     | 40.234                    | 76.219         | 55.484           | 5.547                     | 19.404                    | 13.679         | 18.608           |
| 1968      | 24.825                    | 10.174                    | 27.671         | 59.253           | 46.091                    | 18.631                    | 23.347         | 18.023           |
| 1969      | 3.250                     | 14.159                    | 17.327         | 57.082           | 4.255                     | 34.871                    | 23.595         | 19.239           |
| 1970      | 14.403                    | 19.788                    | 37.084         | 44.101           | 54.267                    | 22.112                    | 23.621         | 23.244           |
| 1971      | 41.710                    | 52.448                    | 34.188         | 41.882           | 7.815                     | 22.586                    | 17.582         | 26.568           |
| 1972      | 101.231                   | 51.096                    | 35.982         | 53.632           | 5.676                     | 9.795                     | 28.482         | 28.233           |
| 1973      | 10.346                    | 41.265                    | 36.532         |                  | 15.895                    | 26.776                    | 27.468         |                  |
| 1974      | 12.218                    | 13.240                    | 85.999         |                  | 58.757                    | 41.283                    | 31.862         |                  |
| 1975      | 17.157                    | 106.140                   | 74.119         |                  | 49.196                    | 45.913                    | 33.854         |                  |
| 1976      | 289.044                   | 116.011                   |                |                  | 29.786                    | 31.539                    |                |                  |
| 1977      | 41.831                    |                           |                |                  | 15.635                    |                           |                |                  |

| 11 月 November             |                           |                |                  | 12 月 December             |                           |                |                  | 年<br>Year |
|---------------------------|---------------------------|----------------|------------------|---------------------------|---------------------------|----------------|------------------|-----------|
| 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  | 月流出量<br>Monthly<br>runoff | 移 動 平 均<br>Moving average |                |                  |           |
|                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                           | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 41.781                    |                           |                |                  | 4.702                     |                           |                |                  | 1937      |
| 4.876                     | 16.528                    |                |                  | 4.463                     | 3.578                     |                |                  | 1938      |
| 2.926                     | 3.559                     | 12.427         |                  | 1.569                     | 2.713                     | 5.551          |                  | 1939      |
| 2.874                     | 5.160                     | 5.095          |                  | 2.106                     | 6.196                     | 5.323          |                  | 1940      |
| 9.679                     | 5.891                     | 5.432          |                  | 14.913                    | 6.861                     | 5.216          |                  | 1941      |
| 5.119                     | 7.121                     | 11.218         | 11.120           | 3.565                     | 7.468                     | 6.642          | 7.615            | 1942      |
| 6.564                     | 14.513                    | 13.310         | 10.852           | 3.926                     | 5.397                     | 8.548          | 8.211            | 1943      |
| 31.856                    | 17.251                    | 13.645         | 12.856           | 8.701                     | 8.087                     | 9.474          | 11.085           | 1944      |
| 13.333                    | 18.847                    | 13.312         | 15.383           | 11.635                    | 13.294                    | 10.113         | 14.257           | 1945      |
| 11.351                    | 9.380                     | 19.570         | 17.587           | 19.545                    | 12.646                    | 12.192         | 14.696           | 1946      |
| 3.457                     | 17.554                    | 15.205         | 17.957           | 6.759                     | 13.541                    | 20.289         | 14.388           | 1947      |
| 37.855                    | 17.113                    | 21.797         | 18.557           | 14.319                    | 23.422                    | 21.549         | 15.142           | 1948      |
| 10.027                    | 31.392                    | 21.596         | 17.726           | 49.187                    | 27.147                    | 19.213         | 16.152           | 1949      |
| 46.295                    | 22.222                    | 23.277         | 16.207           | 17.936                    | 24.995                    | 18.752         | 16.011           | 1950      |
| 10.344                    | 22.834                    | 18.070         | 15.862           | 7.863                     | 10.084                    | 19.511         | 14.721           | 1951      |
| 11.862                    | 11.343                    | 18.059         | 16.017           | 4.454                     | 10.144                    | 12.616         | 13.765           | 1952      |
| 11.823                    | 11.218                    | 9.766          | 14.570           | 18.116                    | 12.426                    | 9.588          | 13.271           | 1953      |
| 9.970                     | 8.874                     | 10.290         | 13.298           | 14.709                    | 11.875                    | 8.533          | 11.012           | 1954      |
| 4.829                     | 9.255                     | 8.907          | 11.490           | 2.800                     | 6.699                     | 8.564          | 8.409            | 1955      |
| 12.967                    | 7.580                     | 8.028          | 9.428            | 2.587                     | 3.332                     | 6.258          | 7.462            | 1956      |
| 4.944                     | 8.447                     | 9.035          | 8.999            | 4.608                     | 4.594                     | 5.664          | 7.231            | 1957      |
| 7.429                     | 9.127                     | 9.100          | 8.292            | 6.587                     | 7.644                     | 5.767          | 6.574            | 1958      |
| 15.008                    | 9.197                     | 8.554          | 7.973            | 11.736                    | 7.214                     | 5.959          | 5.366            | 1959      |
| 5.154                     | 10.133                    | 8.247          | 8.584            | 3.319                     | 6.200                     | 5.868          | 5.248            | 1960      |
| 10.236                    | 6.266                     | 7.988          | 8.880            | 3.544                     | 3.673                     | 5.606          | 5.842            | 1961      |
| 3.407                     | 6.593                     | 6.841          | 8.558            | 4.155                     | 4.325                     | 3.935          | 5.921            | 1962      |
| 6.136                     | 6.272                     | 9.358          | 8.363            | 5.276                     | 4.270                     | 5.625          | 5.817            | 1963      |
| 9.272                     | 11.048                    | 8.506          | 7.626            | 3.380                     | 6.809                     | 6.015          | 5.413            | 1964      |
| 17.737                    | 10.996                    | 8.924          | 7.524            | 11.771                    | 6.881                     | 5.844          | 5.274            | 1965      |
| 5.980                     | 9.737                     | 8.292          | 7.658            | 5.491                     | 6.855                     | 5.949          | 5.562            | 1966      |
| 5.493                     | 4.817                     | 7.383          | 7.816            | 3.303                     | 4.864                     | 6.161          | 6.223            | 1967      |
| 2.978                     | 4.399                     | 6.516          | 8.120            | 5.799                     | 4.514                     | 5.375          | 6.687            | 1968      |
| 4.726                     | 7.035                     | 6.253          | 7.908            | 4.439                     | 6.026                     | 5.232          | 7.042            | 1969      |
| 13.402                    | 7.598                     | 7.583          | 9.220            | 7.841                     | 5.686                     | 7.801          | 7.826            | 1970      |
| 4.665                     | 10.070                    | 7.681          | 10.879           | 4.778                     | 9.588                     | 7.156          | 8.306            | 1971      |
| 12.142                    | 6.760                     | 8.277          | 11.867           | 16.146                    | 7.833                     | 8.904          | 8.588            | 1972      |
| 3.472                     | 7.773                     | 14.703         |                  | 2.576                     | 10.634                    | 10.863         |                  | 1973      |
| 7.704                     | 18.902                    | 16.044         |                  | 13.181                    | 11.131                    | 11.753         |                  | 1974      |
| 45.531                    | 21.535                    | 17.587         |                  | 17.635                    | 13.348                    | 9.564          |                  | 1975      |
| 11.370                    | 25.586                    |                |                  | 9.229                     | 10.688                    |                |                  | 1976      |
| 19.858                    |                           |                |                  | 5.201                     |                           |                |                  | 1977      |

## (4) 年降水量および年流出量 Annual precipitation and annual runoff

| 年<br>Year | 露 場 Meteorological station      |                           |                |                  | 南 谷 MINAMI-TANI          |                           |                |                  |
|-----------|---------------------------------|---------------------------|----------------|------------------|--------------------------|---------------------------|----------------|------------------|
|           | 年降水量<br>Annual<br>precipitation | 移 動 平 均<br>Moving average |                |                  | 年流出量<br>Annual<br>runoff | 移 動 平 均<br>Moving average |                |                  |
|           |                                 | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |                          | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |
| 1937      | 1,197.1                         |                           |                |                  | 249.319                  |                           |                |                  |
| 1938      | 1,249.5                         | 1,022.8                   |                |                  | 378.031                  | 226.424                   |                |                  |
| 1939      | 621.8                           | 939.2                     | 1,107.6        |                  | 51.923                   | 172.575                   | 248.817        |                  |
| 1940      | 946.4                           | 1,030.4                   | 1,115.8        |                  | 87.770                   | 205.578                   | 272.601        |                  |
| 1941      | 1,523.0                         | 1,235.9                   | 1,124.8        |                  | 477.041                  | 311.017                   | 284.650        |                  |
| 1942      | 1,238.2                         | 1,351.9                   | 1,167.4        | 1,154.1          | 368.240                  | 427.853                   | 302.057        | 336.473          |
| 1943      | 1,294.5                         | 1,122.5                   | 1,262.9        | 1,137.6          | 438.278                  | 315.159                   | 417.817        | 333.894          |
| 1944      | 834.8                           | 1,184.4                   | 1,228.7        | 1,170.8          | 138.958                  | 414.602                   | 422.212        | 352.266          |
| 1945      | 1,423.9                         | 1,203.6                   | 1,164.4        | 1,221.0          | 666.570                  | 434.847                   | 402.262        | 388.825          |
| 1946      | 1,352.0                         | 1,231.0                   | 1,145.3        | 1,219.8          | 499.013                  | 478.024                   | 376.061        | 403.056          |
| 1947      | 917.0                           | 1,155.9                   | 1,245.7        | 1,213.3          | 268.490                  | 358.259                   | 446.295        | 410.624          |
| 1948      | 1,198.6                         | 1,150.9                   | 1,208.0        | 1,232.9          | 307.273                  | 355.297                   | 389.131        | 428.781          |
| 1949      | 1,337.2                         | 1,257.0                   | 1,179.8        | 1,275.6          | 490.128                  | 392.717                   | 383.064        | 465.076          |
| 1950      | 1,235.1                         | 1,261.1                   | 1,280.4        | 1,289.6          | 380.749                  | 446.519                   | 434.960        | 473.152          |
| 1951      | 1,211.1                         | 1,288.8                   | 1,341.3        | 1,262.5          | 468.680                  | 459.133                   | 501.840        | 447.546          |
| 1952      | 1,420.1                         | 1,378.1                   | 1,370.1        | 1,269.9          | 527.971                  | 546.107                   | 536.109        | 449.879          |
| 1953      | 1,503.2                         | 1,468.0                   | 1,334.5        | 1,276.5          | 641.671                  | 610.371                   | 521.074        | 455.345          |
| 1954      | 1,480.8                         | 1,347.2                   | 1,327.7        | 1,257.7          | 661.472                  | 536.240                   | 496.917        | 442.534          |
| 1955      | 1,057.5                         | 1,238.5                   | 1,291.7        | 1,245.1          | 305.576                  | 438.314                   | 484.574        | 434.904          |
| 1956      | 1,117.1                         | 1,158.2                   | 1,192.5        | 1,243.4          | 347.894                  | 373.243                   | 400.004        | 433.543          |
| 1957      | 1,240.0                         | 1,141.4                   | 1,127.0        | 1,229.9          | 466.259                  | 344.323                   | 332.183        | 428.209          |
| 1958      | 1,007.0                         | 1,133.5                   | 1,148.8        | 1,206.8          | 218.817                  | 335.814                   | 350.251        | 424.556          |
| 1959      | 1,153.6                         | 1,109.0                   | 1,162.4        | 1,184.1          | 322.367                  | 312.368                   | 365.931        | 408.455          |
| 1960      | 1,166.4                         | 1,188.3                   | 1,137.6        | 1,198.8          | 395.920                  | 381.526                   | 365.414        | 421.166          |
| 1961      | 1,245.0                         | 1,175.8                   | 1,205.3        | 1,241.1          | 426.290                  | 428.629                   | 448.232        | 463.025          |
| 1962      | 1,115.9                         | 1,235.5                   | 1,211.4        | 1,253.1          | 463.676                  | 507.624                   | 453.404        | 478.893          |
| 1963      | 1,345.6                         | 1,215.1                   | 1,308.1        | 1,256.5          | 632.905                  | 481.603                   | 548.828        | 479.915          |
| 1964      | 1,183.9                         | 1,393.2                   | 1,344.9        | 1,262.9          | 348.228                  | 618.058                   | 587.091        | 486.269          |
| 1965      | 1,650.1                         | 1,421.1                   | 1,367.4        | 1,282.2          | 873.040                  | 612.958                   | 597.134        | 500.825          |
| 1966      | 1,429.2                         | 1,435.8                   | 1,315.7        | 1,293.5          | 617.607                  | 668.179                   | 508.881        | 503.124          |
| 1967      | 1,228.0                         | 1,248.2                   | 1,319.1        | 1,306.9          | 513.891                  | 441.045                   | 534.560        | 501.950          |
| 1968      | 1,087.4                         | 1,172.0                   | 1,290.4        | 1,306.5          | 191.637                  | 394.050                   | 466.509        | 482.090          |
| 1969      | 1,200.6                         | 1,264.9                   | 1,230.7        | 1,290.0          | 476.623                  | 400.349                   | 410.066        | 464.683          |
| 1970      | 1,506.6                         | 1,279.4                   | 1,284.7        | 1,269.4          | 532.786                  | 448.268                   | 413.507        | 439.642          |
| 1971      | 1,130.9                         | 1,378.5                   | 1,258.2        | 1,249.8          | 335.394                  | 466.424                   | 408.840        | 408.962          |
| 1972      | 1,498.1                         | 1,194.5                   | 1,266.8        | 1,247.3          | 531.093                  | 344.931                   | 391.895        | 396.022          |
| 1973      | 954.6                           | 1,232.2                   | 1,201.3        |                  | 168.305                  | 349.699                   | 335.160        |                  |
| 1974      | 1,244.0                         | 1,125.8                   | 1,276.7        |                  | ×                        | 237.077                   | 409.451        |                  |
| 1975      | 1,178.7                         | 1,310.3                   | 1,197.1        |                  | 305.849                  | 469.203                   | 343.179        |                  |
| 1976      | 1,508.2                         | 1,262.3                   |                |                  | 632.557                  | 401.471                   |                |                  |
| 1977      | 1,100.1                         |                           |                |                  | 266.006                  |                           |                |                  |

| 北 谷 KITA-TANI            |                           |                |                  | 年<br>Year |
|--------------------------|---------------------------|----------------|------------------|-----------|
| 年流出量<br>Annual<br>runoff | 移 動 平 均<br>Moving average |                |                  |           |
|                          | 3 年<br>3 years            | 5 年<br>5 years | 10 年<br>10 years |           |
| 273,329                  |                           |                |                  | 1937      |
| 398,012                  | 240,500                   |                |                  | 1938      |
| 50,159                   | 185,107                   | 268,731        |                  | 1939      |
| 107,149                  | 224,105                   | 291,363        |                  | 1940      |
| 515,006                  | 336,214                   | 302,916        |                  | 1941      |
| 386,487                  | 452,424                   | 319,025        | 359,682          | 1942      |
| 455,778                  | 324,323                   | 434,725        | 361,815          | 1943      |
| 130,703                  | 424,044                   | 445,518        | 388,993          | 1944      |
| 685,652                  | 461,775                   | 433,117        | 435,421          | 1945      |
| 568,969                  | 526,368                   | 419,864        | 455,970          | 1946      |
| 324,482                  | 427,655                   | 514,166        | 469,419          | 1947      |
| 389,514                  | 438,736                   | 473,768        | 495,629          | 1948      |
| 602,213                  | 491,796                   | 469,869        | 539,522          | 1949      |
| 483,662                  | 545,117                   | 529,171        | 551,053          | 1950      |
| 549,476                  | 551,377                   | 600,364        | 523,338          | 1951      |
| 620,992                  | 638,649                   | 623,693        | 520,342          | 1952      |
| 745,479                  | 695,109                   | 592,586        | 520,288          | 1953      |
| 718,855                  | 597,487                   | 557,128        | 499,572          | 1954      |
| 328,127                  | 473,056                   | 525,198        | 479,594          | 1955      |
| 372,185                  | 387,219                   | 426,416        | 464,226          | 1956      |
| 461,344                  | 361,700                   | 347,813        | 445,294          | 1957      |
| 251,571                  | 346,251                   | 354,284        | 424,587          | 1958      |
| 325,838                  | 312,631                   | 352,905        | 394,169          | 1959      |
| 360,483                  | 350,536                   | 345,947        | 400,646          | 1960      |
| 365,287                  | 384,109                   | 400,785        | 438,810          | 1961      |
| 426,557                  | 439,202                   | 401,663        | 450,527          | 1962      |
| 525,762                  | 427,515                   | 498,822        | 450,557          | 1963      |
| 330,225                  | 567,422                   | 549,230        | 462,322          | 1964      |
| 846,279                  | 597,944                   | 579,899        | 488,612          | 1965      |
| 617,329                  | 731,804                   | 514,194        | 506,729          | 1966      |
| ×                        | 440,136                   | 563,195        | 521,827          | 1967      |
| 262,942                  | 394,587                   | 509,954        | 517,809          | 1968      |
| 526,231                  | 474,162                   | 460,462        | 503,462          | 1969      |
| 633,312                  | 526,302                   | 497,056        | 478,702          | 1970      |
| 419,364                  | 565,370                   | 491,78         | 457,313          | 1971      |
| 643,433                  | 433,123                   | 458,770        | 454,835          | 1972      |
| 236,572                  | 413,725                   | 406,039        |                  | 1973      |
| 361,170                  | 322,466                   | 463,955        |                  | 1974      |
| 369,656                  | 479,924                   | 398,993        |                  | 1975      |
| 708,945                  | 465,740                   |                |                  | 1976      |
| 318,620                  |                           |                |                  | 1977      |

Table 3. 年最大・年最小流量, 年河況係数および確率洪水流量  
Annual maximum, minimum discharge, coefficient  
of river regime and probable flood discharge

| 年<br>Year                                                                        | 南 谷 MINAMI-TANI                                                                    |                                                                                    |                                                      | 北 谷 KITA-TANI                                                                      |                                                                                    |                                                      |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------|
|                                                                                  | 年最大流量<br>Annual<br>maximum<br>discharge<br>( $\times 10^{-8}$ m <sup>3</sup> /sec) | 年最小流量<br>Annual<br>minimum<br>discharge<br>( $\times 10^{-8}$ m <sup>3</sup> /sec) | 年河況係数<br>Annual<br>coefficient<br>of river<br>regime | 年最大流量<br>Annual<br>maximum<br>discharge<br>( $\times 10^{-8}$ m <sup>3</sup> /sec) | 年最小流量<br>Annual<br>minimum<br>discharge<br>( $\times 10^{-8}$ m <sup>3</sup> /sec) | 年河況係数<br>Annual<br>coefficient<br>of river<br>regime |
| 1937                                                                             | 260.37                                                                             | 0.0453                                                                             | 5,747                                                | 335.25                                                                             | 0.0642                                                                             | 5,222                                                |
| 1938                                                                             | 363.98                                                                             | 0.255                                                                              | 1,427                                                | 361.53                                                                             | 0.170                                                                              | 2,127                                                |
| 1939                                                                             | 26.73                                                                              | 0.0155                                                                             | 1,724                                                | 22.34                                                                              | 0.0186                                                                             | 1,201                                                |
| 1940                                                                             | 115.43                                                                             | 0.026                                                                              | 4,440                                                | 149.50                                                                             | 0.026                                                                              | 5,750                                                |
| 1941                                                                             | 680.41                                                                             | 0.124                                                                              | 5,487                                                | 544.96                                                                             | 0.0958                                                                             | 5,689                                                |
| 1942                                                                             | 588.12                                                                             | 0.158                                                                              | 3,722                                                | 565.50                                                                             | 0.1143                                                                             | 4,948                                                |
| 1943                                                                             | 602.94                                                                             | 0.146                                                                              | 4,130                                                | 581.60                                                                             | 0.0958                                                                             | 6,071                                                |
| 1944                                                                             | 46.32                                                                              | 0.022                                                                              | 2,105                                                | 42.84                                                                              | 0.0453                                                                             | 946                                                  |
| 1945                                                                             | 912.93                                                                             | 0.210                                                                              | 4,347                                                | 772.92                                                                             | 0.114                                                                              | 6,780                                                |
| 1946                                                                             | 458.82                                                                             | 0.361                                                                              | 1,271                                                | 404.52                                                                             | 0.183                                                                              | 2,210                                                |
| 1947                                                                             | 210.37                                                                             | 0.210                                                                              | 1,002                                                | 330.59                                                                             | 0.124                                                                              | 2,666                                                |
| 1948                                                                             | 419.04                                                                             | 0.051                                                                              | 8,216                                                | 509.75                                                                             | 0.071                                                                              | 7,180                                                |
| 1949                                                                             | 505.26                                                                             | 0.381                                                                              | 1,326                                                | 852.48                                                                             | 0.196                                                                              | 4,349                                                |
| 1950                                                                             | 193.98                                                                             | 0.183                                                                              | 1,060                                                | 184.85                                                                             | 0.146                                                                              | 1,266                                                |
| 1951                                                                             | 376.37                                                                             | 0.224                                                                              | 1,680                                                | 345.86                                                                             | 0.105                                                                              | 3,294                                                |
| 1952                                                                             | 433.88                                                                             | 0.323                                                                              | 1,343                                                | 377.62                                                                             | 0.158                                                                              | 2,390                                                |
| 1953                                                                             | 594.68                                                                             | 0.255                                                                              | 2,332                                                | 652.53                                                                             | 0.124                                                                              | 5,262                                                |
| 1954                                                                             | 691.95                                                                             | 0.401                                                                              | 1,726                                                | 570.30                                                                             | 0.224                                                                              | 2,546                                                |
| 1955                                                                             | 139.62                                                                             | 0.183                                                                              | 763                                                  | 151.66                                                                             | 0.045                                                                              | 3,370                                                |
| 1956                                                                             | 143.11                                                                             | 0.146                                                                              | 980                                                  | 149.50                                                                             | 0.045                                                                              | 3,322                                                |
| 1957                                                                             | 264.40                                                                             | 0.288                                                                              | 918                                                  | 245.57                                                                             | 0.114                                                                              | 2,154                                                |
| 1958                                                                             | 39.18                                                                              | 0.114                                                                              | 344                                                  | 57.80                                                                              | 0.051                                                                              | 1,133                                                |
| 1959                                                                             | 232.22                                                                             | 0.124                                                                              | 1,873                                                | 171.26                                                                             | 0.026                                                                              | 6,587                                                |
| 1960                                                                             | 830.23                                                                             | 0.305                                                                              | 2,722                                                | 593.04                                                                             | 0.035                                                                              | 16,944                                               |
| 1961                                                                             | 368.91                                                                             | 0.305                                                                              | 1,210                                                | 437.98                                                                             | 0.071                                                                              | 6,169                                                |
| 1962                                                                             | 496.34                                                                             | 0.271                                                                              | 1,832                                                | 488.57                                                                             | 0.040                                                                              | 12,214                                               |
| 1963                                                                             | 486.07                                                                             | 0.210                                                                              | 2,315                                                | 377.62                                                                             | 0.105                                                                              | 3,596                                                |
| 1964                                                                             | 156.79                                                                             | 0.196                                                                              | 800                                                  | 172.83                                                                             | 0.030                                                                              | 5,761                                                |
| 1965                                                                             | 645.29                                                                             | 0.288                                                                              | 2,241                                                | 611.28                                                                             | 0.146                                                                              | 4,187                                                |
| 1966                                                                             | 403.21                                                                             | 0.361                                                                              | 1,117                                                | 359.09                                                                             | 0.135                                                                              | 2,660                                                |
| 1967                                                                             | 440.73                                                                             | 0.183                                                                              | 2,408                                                | ×                                                                                  | ×                                                                                  | ×                                                    |
| 1968                                                                             | 336.41                                                                             | 0.0791                                                                             | 4,253                                                | 451.81                                                                             | 0.0642                                                                             | 7,038                                                |
| 1969                                                                             | 796.46                                                                             | 0.239                                                                              | 3,332                                                | 828.19                                                                             | 0.0958                                                                             | 8,645                                                |
| 1970                                                                             | 288.32                                                                             | 0.210                                                                              | 1,373                                                | 419.04                                                                             | 0.124                                                                              | 3,379                                                |
| 1971                                                                             | 497.82                                                                             | 0.255                                                                              | 1,952                                                | 457.42                                                                             | 0.239                                                                              | 1,914                                                |
| 1972                                                                             | 559.13                                                                             | 0.342                                                                              | 1,635                                                | 659.21                                                                             | 0.210                                                                              | 3,139                                                |
| 1973                                                                             | 29.92                                                                              | 0.114                                                                              | 262                                                  | 70.81                                                                              | 0.064                                                                              | 1,106                                                |
| 1974                                                                             | ×                                                                                  | ×                                                                                  | ×                                                    | 126.17                                                                             | 0.1143                                                                             | 1,104                                                |
| 1975                                                                             | 204.24                                                                             | 0.224                                                                              | 912                                                  | 207.73                                                                             | 0.105                                                                              | 1,978                                                |
| 1976                                                                             | 512.75                                                                             | 0.361                                                                              | 1,420                                                | 571.91                                                                             | 0.158                                                                              | 3,620                                                |
| 1977                                                                             | 111.75                                                                             | 0.323                                                                              | 346                                                  | 131.46                                                                             | 0.1143                                                                             | 1,150                                                |
| 確率洪水流量<br>Probable flood<br>discharge<br>( $\times 10^{-8}$ m <sup>3</sup> /sec) | 50年<br>50<br>years                                                                 | 989.42                                                                             |                                                      | 963.80                                                                             |                                                                                    |                                                      |
|                                                                                  | 100年<br>100<br>years                                                               | 1,116.17                                                                           |                                                      | 1,085.79                                                                           |                                                                                    |                                                      |
|                                                                                  | 200年<br>200<br>years                                                               | 1,243.16                                                                           |                                                      | 1,208.01                                                                           |                                                                                    |                                                      |

Table 4. 各種流量  
95, 185, 275 and 355 day discharges

| 年<br>Year                     | 南 谷 MINAMI-TANI             |                                            |                              |                                            |                              |                                            |                              |                                            |
|-------------------------------|-----------------------------|--------------------------------------------|------------------------------|--------------------------------------------|------------------------------|--------------------------------------------|------------------------------|--------------------------------------------|
|                               | 豊 水 流 量<br>95 day discharge |                                            | 平 水 流 量<br>185 day discharge |                                            | 低 水 流 量<br>275 day discharge |                                            | 渇 水 流 量<br>355 day discharge |                                            |
|                               | (mm/day)                    | ( $\times 10^{-8}$<br>m <sup>3</sup> /sec) | (mm/day)                     | ( $\times 10^{-8}$<br>m <sup>3</sup> /sec) | (mm/day)                     | ( $\times 10^{-8}$<br>m <sup>3</sup> /sec) | (mm/day)                     | ( $\times 10^{-8}$<br>m <sup>3</sup> /sec) |
| 1968                          | 0.263                       | 0.689                                      | 0.139                        | 0.364                                      | 0.112                        | 0.293                                      | 0.056                        | 0.147                                      |
| 1969                          | 0.450                       | 1.179                                      | 0.230                        | 0.603                                      | 0.151                        | 0.396                                      | 0.113                        | 0.296                                      |
| 1970                          | 0.570                       | 1.493                                      | 0.266                        | 0.697                                      | 0.147                        | 0.385                                      | 0.094                        | 0.246                                      |
| 1971                          | 0.417                       | 1.093                                      | 0.236                        | 0.618                                      | 0.180                        | 0.472                                      | 0.134                        | 0.351                                      |
| 1972                          | 0.608                       | 1.593                                      | 0.322                        | 0.844                                      | 0.238                        | 0.624                                      | 0.161                        | 0.422                                      |
| 1973                          | 0.355                       | 0.930                                      | 0.196                        | 0.514                                      | 0.104                        | 0.272                                      | 0.078                        | 0.204                                      |
| 1974                          | —                           | —                                          | —                            | —                                          | —                            | —                                          | —                            | —                                          |
| 1975                          | 0.519                       | 1.360                                      | 0.290                        | 0.760                                      | 0.225                        | 0.590                                      | 0.143                        | 0.375                                      |
| 1976                          | 0.798                       | 2.091                                      | 0.401                        | 1.051                                      | 0.226                        | 0.697                                      | 0.187                        | 0.490                                      |
| 1977                          | 0.448                       | 1.174                                      | 0.226                        | 0.592                                      | 0.181                        | 0.474                                      | 0.146                        | 0.383                                      |
| 平 均<br>Mean                   | 0.492                       | 1.289                                      | 0.256                        | 0.671                                      | 0.174                        | 0.467                                      | 0.124                        | 0.324                                      |
| 標準偏差<br>Standard<br>deviation | 0.156                       | 0.408                                      | 0.076                        | 0.199                                      | 0.049                        | 0.147                                      | 0.042                        | 0.110                                      |
|                               | 北 谷 KITA-TANI               |                                            |                              |                                            |                              |                                            |                              |                                            |
|                               |                             |                                            |                              |                                            |                              |                                            |                              |                                            |
|                               |                             |                                            |                              |                                            |                              |                                            |                              |                                            |
| 1968                          | 0.325                       | 0.650                                      | 0.141                        | 0.282                                      | 0.096                        | 0.192                                      | 0.053                        | 0.106                                      |
| 1969                          | 0.451                       | 0.602                                      | 0.192                        | 0.384                                      | 0.116                        | 0.232                                      | 0.088                        | 0.176                                      |
| 1970                          | 0.631                       | 1.226                                      | 0.224                        | 0.448                                      | 0.144                        | 0.288                                      | 0.079                        | 0.158                                      |
| 1971                          | 0.474                       | 0.648                                      | 0.234                        | 0.468                                      | 0.168                        | 0.336                                      | 0.121                        | 0.242                                      |
| 1972                          | 0.811                       | 1.622                                      | 0.284                        | 0.568                                      | 0.177                        | 0.354                                      | 0.143                        | 0.286                                      |
| 1973                          | 0.356                       | 0.712                                      | 0.181                        | 0.362                                      | 0.099                        | 0.198                                      | 0.064                        | 0.128                                      |
| 1974                          | 0.429                       | 0.858                                      | 0.178                        | 0.356                                      | 0.110                        | 0.220                                      | 0.073                        | 0.146                                      |
| 1975                          | 0.571                       | 1.142                                      | 0.290                        | 0.580                                      | 0.201                        | 0.402                                      | 0.105                        | 0.210                                      |
| 1976                          | 0.817                       | 1.634                                      | 0.330                        | 0.660                                      | 0.211                        | 0.422                                      | 0.128                        | 0.256                                      |
| 1977                          | 0.391                       | 0.782                                      | 0.186                        | 0.372                                      | 0.140                        | 0.280                                      | 0.098                        | 0.196                                      |
| 平 均<br>Mean                   | 0.526                       | 1.048                                      | 0.224                        | 0.448                                      | 0.146                        | 0.292                                      | 0.095                        | 0.190                                      |
| 標準偏差<br>Standard<br>deviation | 0.178                       | 0.353                                      | 0.060                        | 0.120                                      | 0.042                        | 0.083                                      | 0.029                        | 0.058                                      |