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大型降雨実験施設による表面流出実験資料集（Ⅰ）

—流出波形に及ぼす水路網密度の影響に関する実験—

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Data of Surface Runoff Experiments with The Large-Scale Rainfall Simulator (I)

— Experimental Study on the Effect of Channel Densities to Runoff Patterns—

complied and edited by
Teruki Fukuzono

Abstract

Since the large-scale rainfall simulator was completed in March 1974, many experimental studies on the natural hazard due to rainfall have been carried out by using near full-scale models built in the simulator. Especially, the experiments on infiltration, surface runoff and slope failure caused by rainfall have been carried out almost every year.

This material includes all the data of experiments on surface runoff which were performed to make clear the effect of channel density on surface runoff from 1977 to 1978.

The experimental model with the dimensions of 40 m in length, 15.1 m in width and 1/1000 in gradient was made by mortar. The experiments were executed by measuring time distributions of discharge from different models with different numbers of drainage channels (0, 2, 4 and 8) corresponding to different rainfall patterns.

As a result, it was made clear that the peak discharge became higher and the concentration time of runoff became shorter corresponding to the increase of the number of drainage channels.

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1　はじめに

第３研究部降雨実験室では，昭和４９年度の大型降雨実験施設の完成以来，実物大に近い模型を用いて，降雨に起因する災害に関する実験研究を行っている．特に，雨水浸透，表面流出，降雨による斜面崩壊については経常的に模型実験を行っている．本資料集は昭和５２～５３年度に行った表面流出実験の結果についてまとめたものである。

本実験は国立防災科学技術センターが建設省土木研究所とともに企画・立案し，実験模型の製作は土木研究所，大型降雨装置の運転・操作は国立防災科学技術センター，各項目の計測は共同で行った．土木研究所の担当は当時の都市河川研究室室長山口高志，同研究員益倉克成，国立防災科学技術センターの担当は当時の第３研究部部長木下武雄，同降雨実験室研究員中根和郎，同福囿輝旗である．

2　実験の概要

2.1　実験目的

流域の都市化に伴う洪水増大の危険性が指摘されている．都市化の水文学的要因の一つに排水路網の高密度化が挙げられる．水路網が高密度化すると雨水が河川に流出してくるまでの時間が短縮されるわけであり，洪水到達時間の短縮，従って洪水ピークの先鋭化が予想される．これらの点については現地調査・小模型による実験・数値計算等で定性的に指摘されてはいるが，今回，実大に近い都市域の模型（約¼の縮尺を想定）を用いて，これらの現象を確認すると共に，その結果を基に数値実験手法を開発し，現地において生起する洪水ピーク増加等の現象の定量的な評価手法の確立を目的とすることにした。

2.2　模型流域

模型流域は 1/1000 の勾配を持つ幅 15.4 m ，長さ４０mの矩形である．水路網密度の変化による影響のみを調べるため，表面はモルタル仕上げで，水が浸透しないようになっている．

模型流域は斜面・従水路・集水路・準集水路によって構成される．従水路は都市域の幅４mの道路と側溝とをモデル化している．集水路は都市下水路に対応し，準集水路は自然状態での集水路である．残りの宅地をモデル化したのが斜面である．従水路が全くない場合（０本）が都市化されていない自然状態で，従水路の面積率が２０％（従水路８本）の場合を最高に都市化された状態と想定し，それらを含め，中間段階として従水路２本と４本の場合を選んだ．

模型形状は図１～図11に示す．それぞれを模型タイプ１，２，３，４，５，６，７，８，９，10，11と命名する．これらは集水路・従水路の勾配，従水路と斜面との高低差から次の３つの

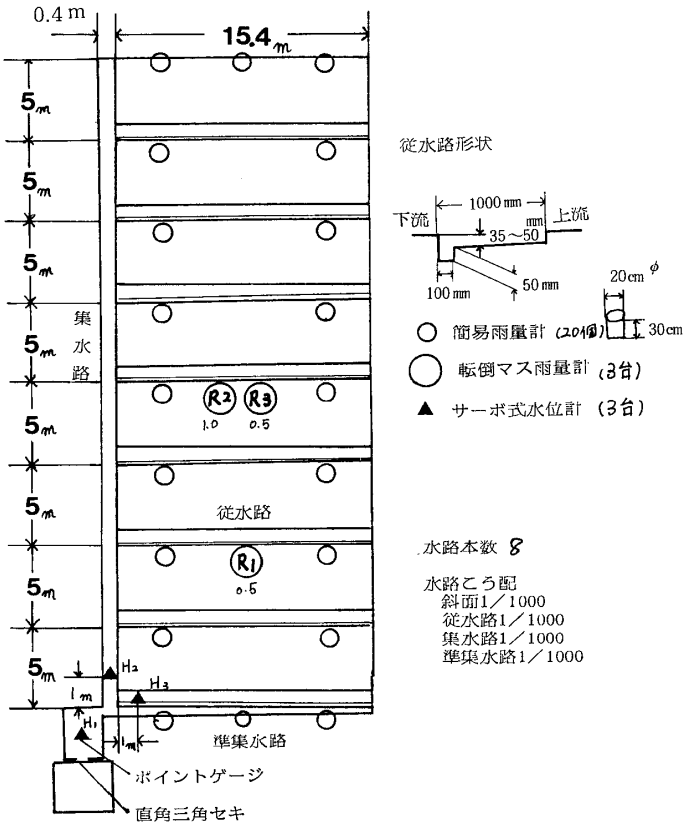

図1　模型タイプ1

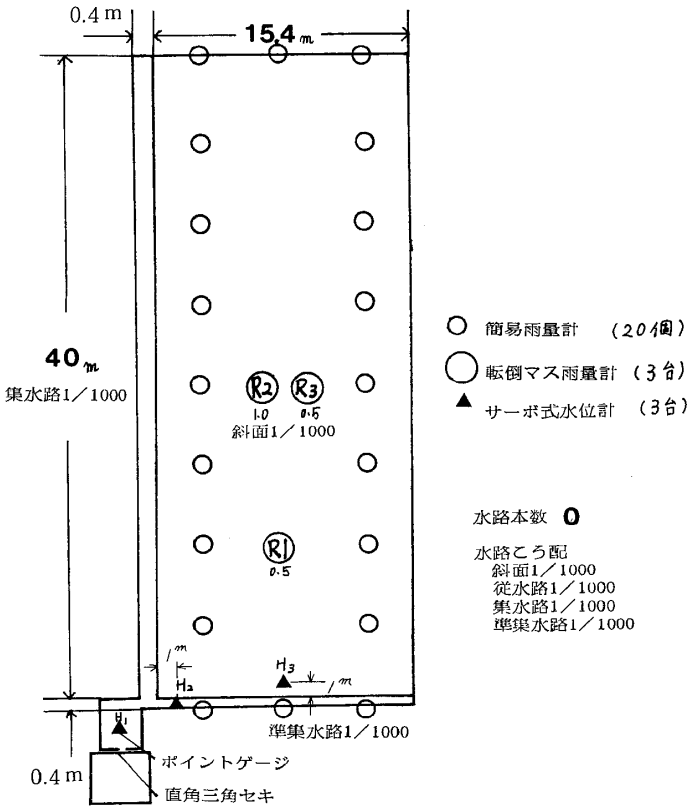

図2　模型タイプ2

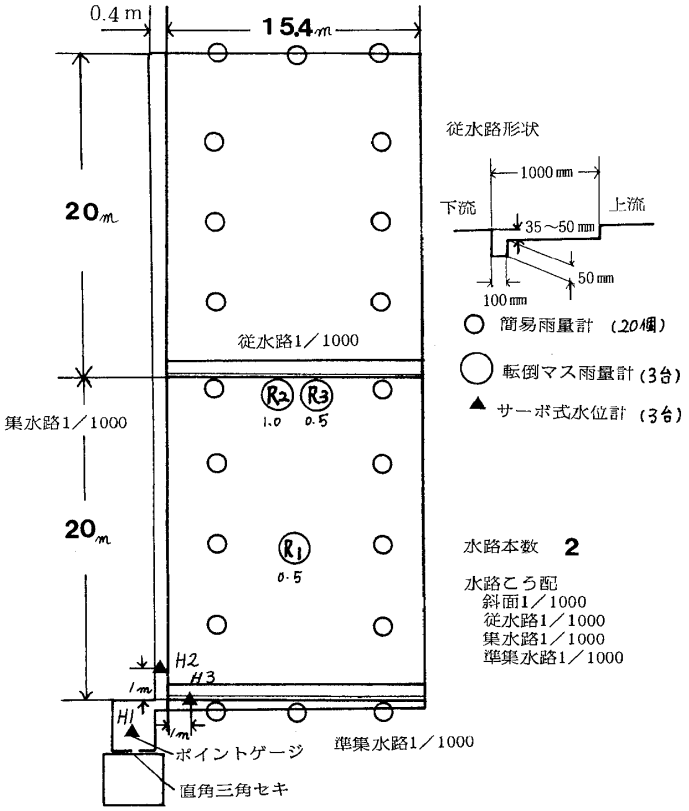

図3　模型タイプ3

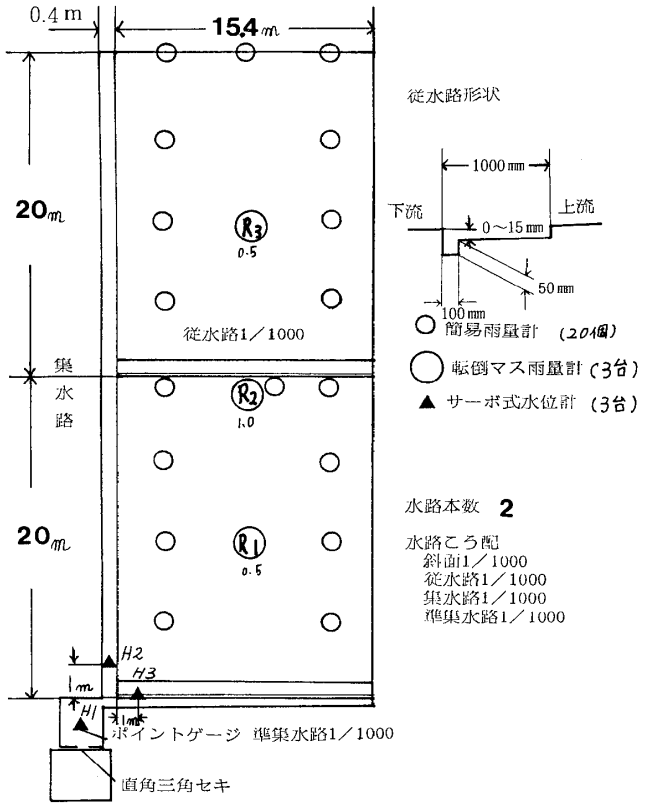

図4　模型タイプ4

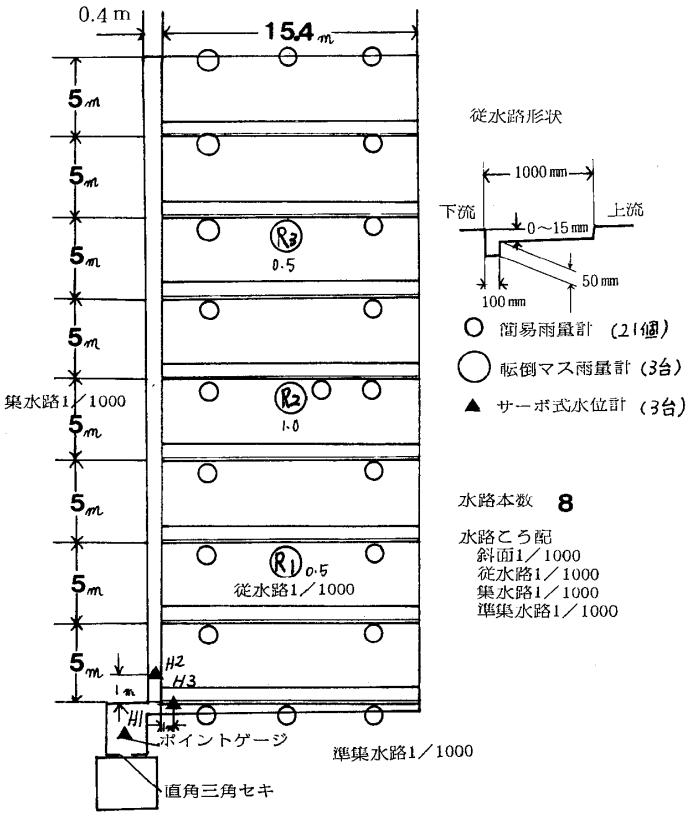

図5　模型タイプ5

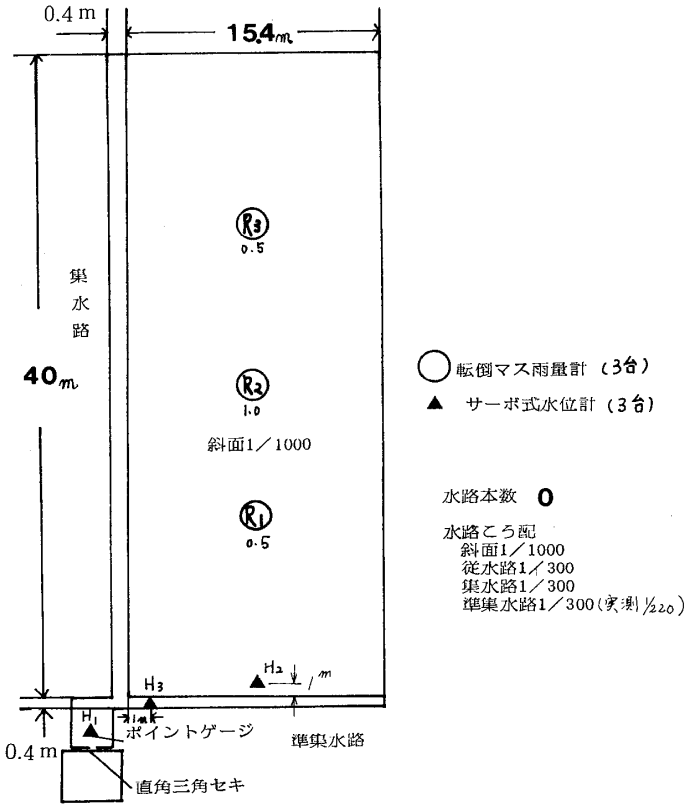

図6　模型タイプ6

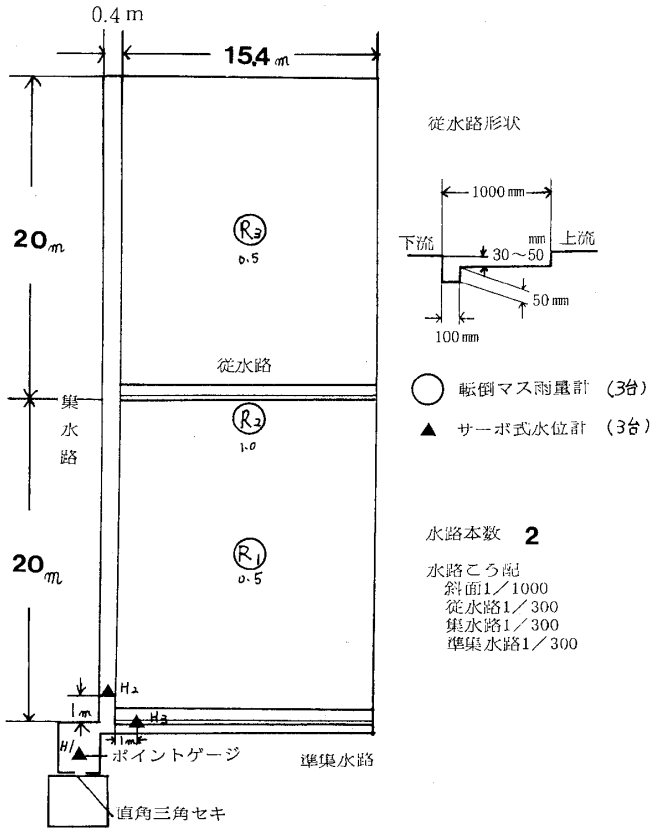

図7　模型タイプ7

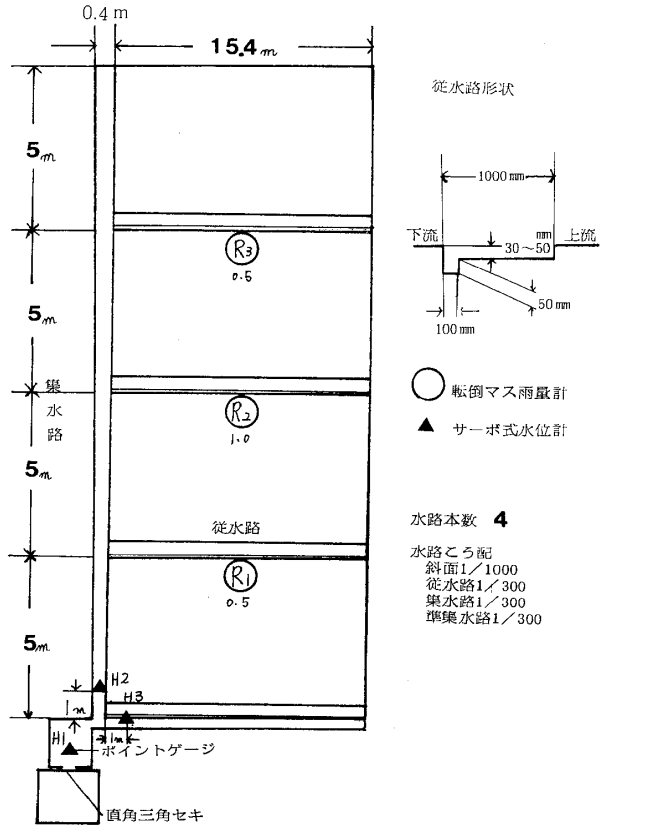

図8　模型タイプ8

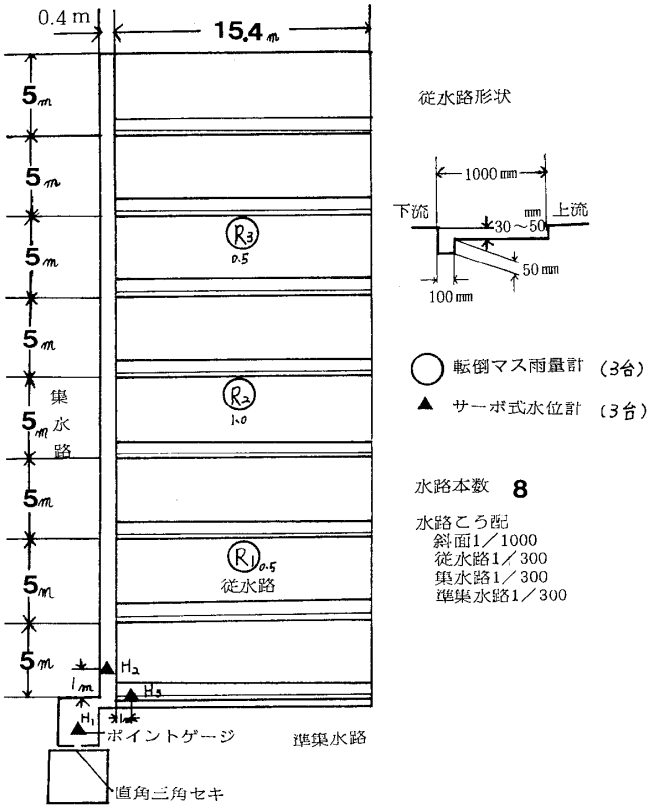

図9　模型タイプ9

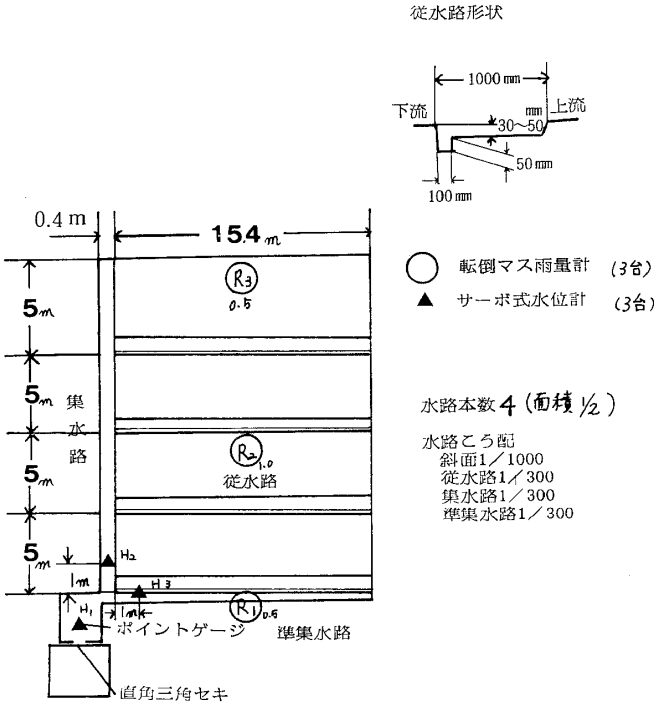

図10　模型タイプ10

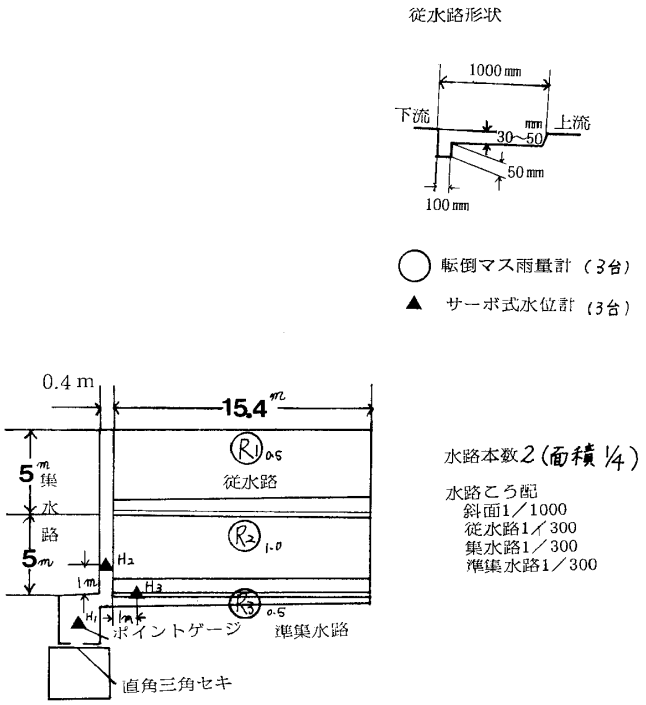

図11　模型タイプ11

表1　模型タイプ一覧

	従水路本数	斜面勾配	集水路・従水路勾配	斜面との高低差	グループ
模型タイプ1	8本	1/1000	1/1000	大（35～50㎜）	①
〃　2	0本	1/1000	1/1000	—	①②
〃　3	2本	1/1000	1/1000	大（35～50㎜）	①
〃　4	2本	1/1000	1/1000	小（0～15㎜）	②
〃　5	8本	1/1000	1/1000	小（0～15㎜）	②
〃　6	0本	1/1000	1/300	—	③
〃　7	2本	1/1000	1/300	大（30～50㎜）	③
〃　8	4本	1/1000	1/300	大（30～50㎜）	③
〃　9	8本	1/1000	1/300	大（30～50㎜）	③
〃　10	4本(面積1/2)	1/1000	1/300	大（30～50㎜）	③
〃　11	2本(面積1/4)	1/1000	1/300	大（30～50㎜）	③

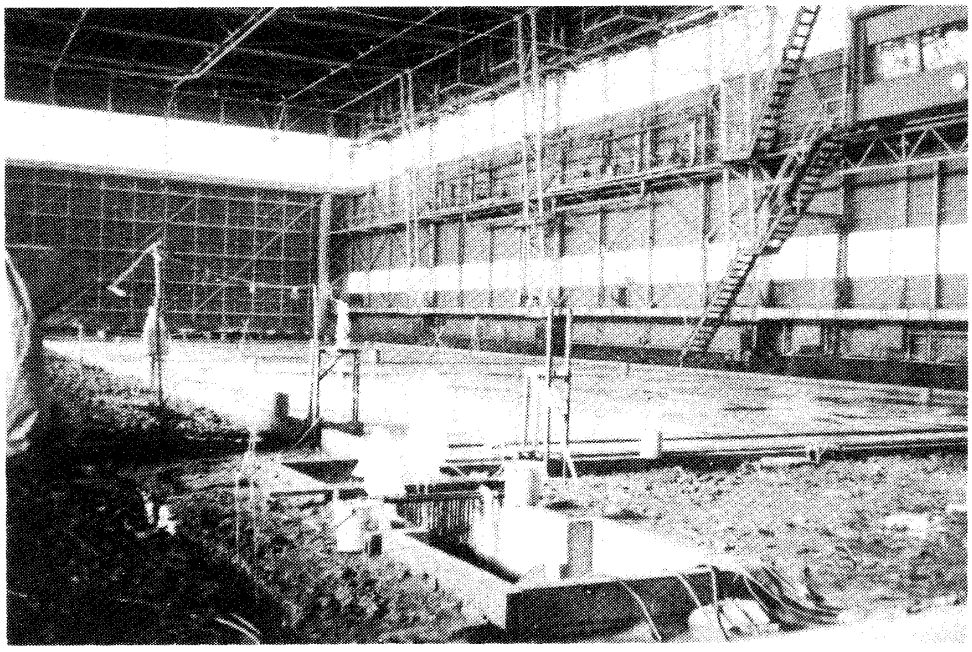

写真1　実験模型全景

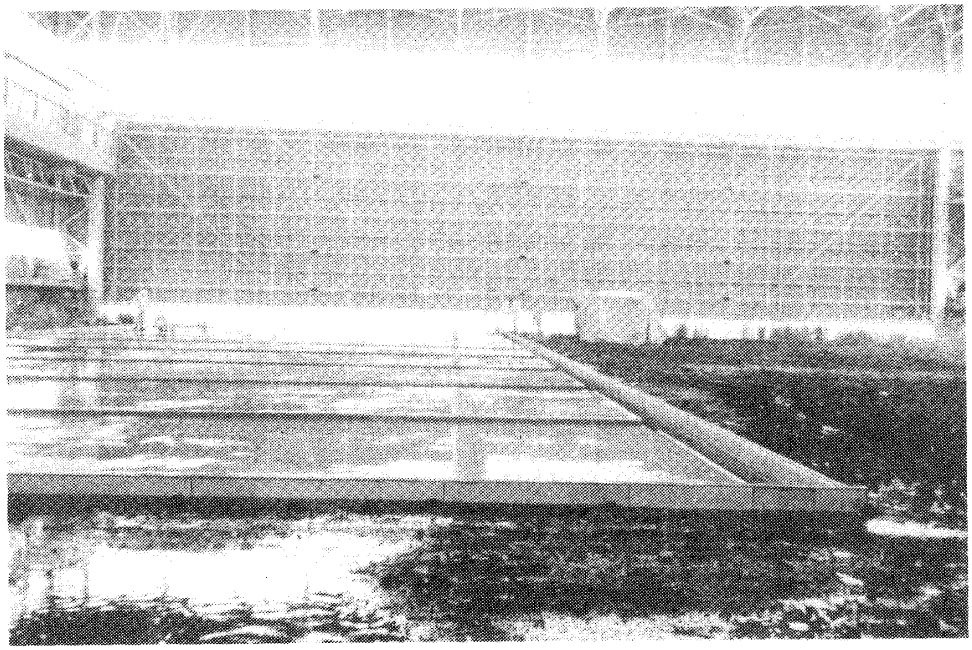

写真2　模型タイプ1（従水路8本）の実験状況

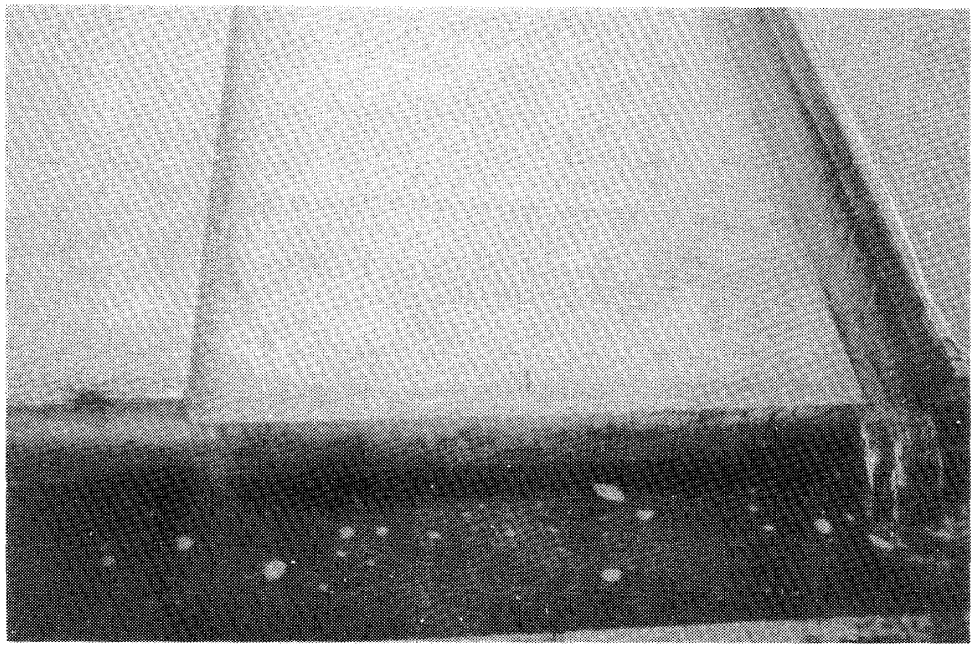

写真 3　従水路から集水路への流入状況

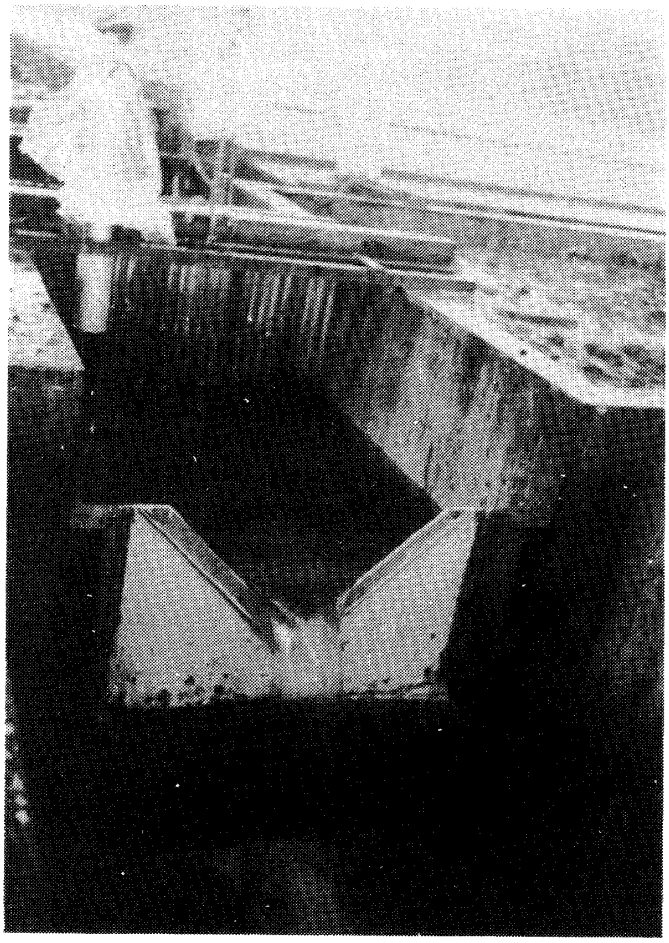

写真 4　流出量測定用直角三角せき

写真 5　簡易雨量計と測定に使用したメスシリンダー

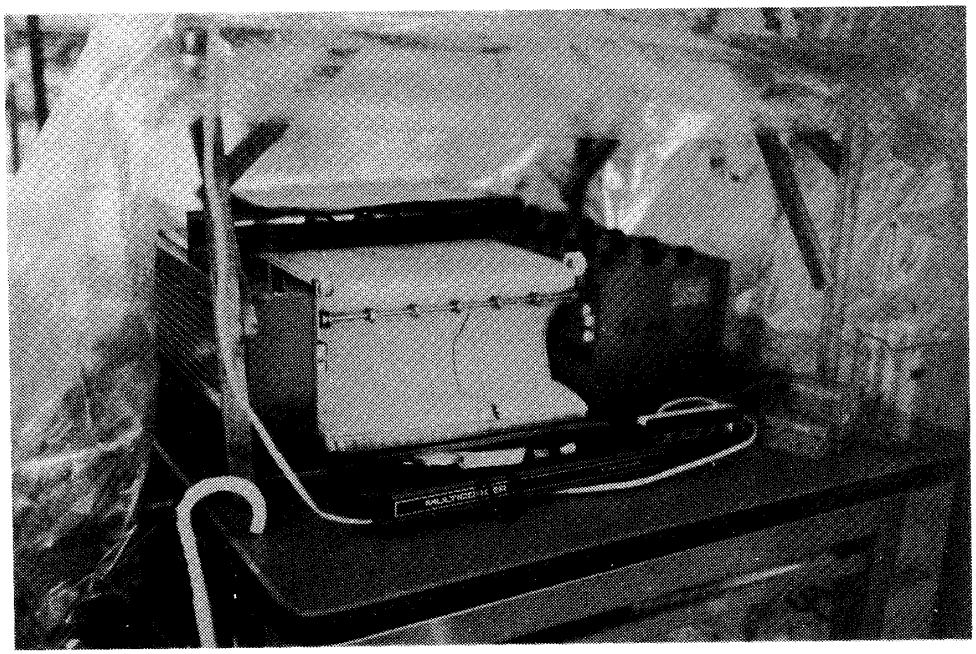

写真 6　水位と雨量パルスの記録部

グループに分けられる．

①集水路・従水路勾配 1/1000，従水路と斜面との高低差大（35㎜～50㎜）　模型タイプ1，2，3

②集水路・従水路勾配 1/1000，従水路と斜面との高低差小（0～15㎜）　模型タイプ2，4，5

③集水路・従水路勾配 1/300　模型タイプ6～11，ただし，10は流域面積½，11は流域面積¼である．

これらをまとめて表1に示す．又，写真1～写真6に実験の状況を示す．

2.3　降雨入力

国立防災科学技術センター大型降雨実験装置により発生する散水を入力降雨とした．本装置は15㎜/h～200㎜/hの任意強度の散水が可能である．又，有効散水面積が42m×70mと広いので，実大に近い実験が可能である．本文ではこの散水量を雨量と呼ぶ．

本装置により予定雨量20，30，40，50，70，100，120，130，150，200㎜/hで散水した．降雨波形はステップ波（**A**），パルス波（**B**），複合波（**C**），その他（$\mathbf{D_1}$，$\mathbf{D_2}$）の5種類で，図12に模式的に示す．**A**は立上がり，低減特性を調べるため，**B**はピーク流量を調べるための実験である．各実験毎の降雨波形は資料1－1に示す。

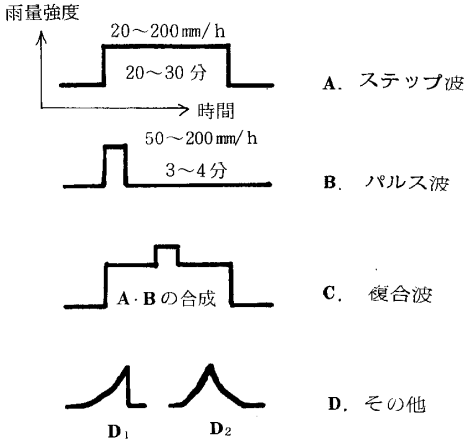

図12　降雨入力波型模式図

2.4　測定項目及び方法

2.4.1　降雨量

①　転倒マス型雨量計による測定

流域の上流，中流，下流の3箇所を目安として図1～図11に○で示す位置で，受水器直径20cmの転倒マス型雨量形（0.5㎜転倒2台，1㎜転倒1台）を用いて降雨量の時間変動を測定した．

②　簡易雨量計による測定

総降雨量を測定するために模型タイプ1～3では20個，4，5では21個の簡易雨量計

を設置した．受水径 20 *cm*，深さ 30 *cm* の円筒形である．（設置位置は図1～図11）

② 貯水槽の減水深による測定

模型タイプ6～9では，大型降雨実験装置へ給水するための貯水槽の減水深から，ステップ波の平衡時の雨量強度を推定した．

算出方法は以下の通りである．

大型降雨装置のノズルは正三角形に千鳥配列されており，1個のノズルの有効散水面積（A）は図13から

$A=\frac{\sqrt{3}}{2}l^2$，ノズルの総数 $n=544$ 本，貯水槽の面積 a，雨量強度 r，貯水槽の減水深 Δh，貯水槽の水深が Δh 減少するに要した時間 Δt とすると，

$$r=\frac{a\cdot\Delta h}{A\cdot n}\cdot\frac{1}{\Delta t}=\frac{2}{\sqrt{3}}\cdot\frac{a}{n\,l^2}\cdot\frac{\Delta h}{\Delta t}$$

$a=499.2\ m^2$，$l=2.5\ m$，$n=544$ 本を代入して，

$$r=0.16954\ \frac{\Delta h}{\Delta t}\ mm/h$$

上式によって算出した。

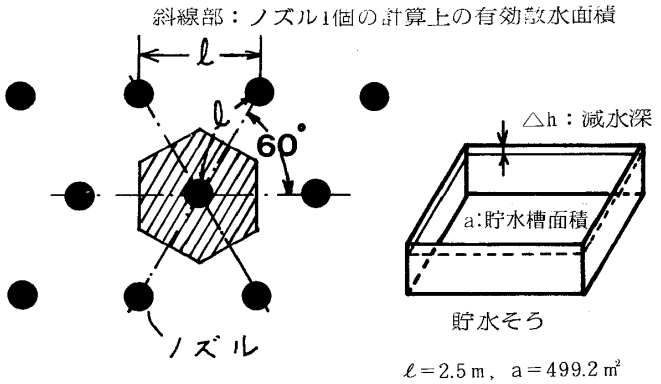

図13　ノズルの有効散水面積と貯水槽減水深

2.4.2　流出量

流域最下流端で直角三角せきを用いて測定した．せきの位置は図1～図11に，せきの諸元は図14に示す．水理公式集の基準に適合するように作られている．せきの水位はサーボ式水位計（計測技研**SW**－302型）で測定し，記録はペン書きレコーダー（渡辺測器製作所製**MC** 641）にて行った．なお，実験開始前，平衡時，実験終了後等に随時，ポイントゲージにて水位を測定し，水位計測定値を更正した．

サーボ式水位計で測定したせきの水位から，せきからの流出量 Q' を求めるのは，水理公式集（1971）に，掲載されている直角三角せきの公式によった．すなわち，

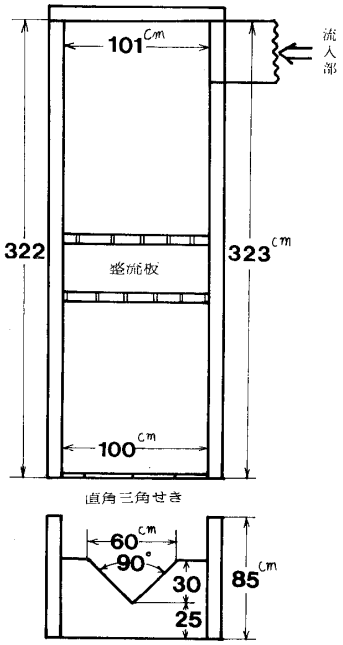

図14　直角三角せきの諸元

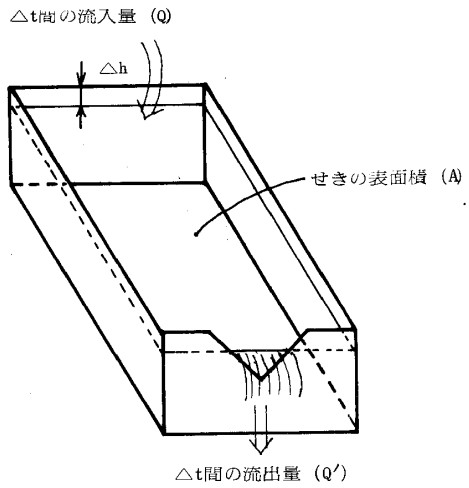

図15　せき整流槽の貯留効果を算定するためのモデル

$$Q' = c\,h^{5/2}$$

$$c = 1.354 + \frac{0.004}{h} + \left(0.14 + \frac{0.2}{\sqrt{D}}\right)\left(\frac{h}{B} - 0.09\right)^2$$

ここに，h：水深（m），$D = 0.25\ m$，$B = 1\ m$である．

せきからの越流深が小さい時には直角三角せき上流の整流槽の貯水面積と越流流量とから決まる時定数が流出量変化の時間スケールより大きいことがあり，この時流域から流出してくる流出波形をせき自体がひずませることになる．特に立ち上り・低減時での影響が大きい．

今，図15のごとくせきによる流出量測定装置をモデル化して考えると，連続の式は

$$A \cdot \frac{\Delta h}{\Delta t} = Q - Q'$$

Q：せき整流槽への流入量（求められるべき流域からの流出量）

Q'：せき越流流量

従って，

$$Q = Q' + A \cdot \frac{\Delta h}{\Delta t}$$

この式によって上記のひずみを補正した．例として，図16にステップ波入力の立ち上り時におけるQ'とQの比較を示す．

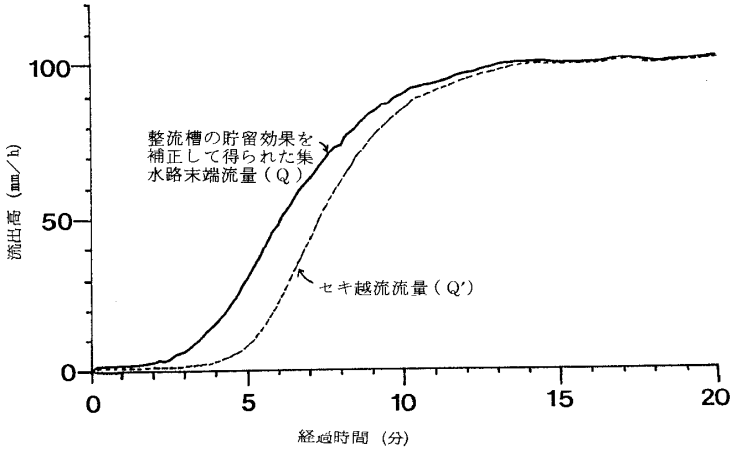

図16　せき整流槽の貯留効果の補正結果

2.4.3　各水路ごとの水位

①　平衡時水位

模型タイプ1，2，3，7，8，9では，ステップ波の場合に，各水路ごとの平衡時水位を測定した．

各水路底面から水面までの高さである．測定位置は各資料中に示す．

②　集水路，準集水路，従水路，斜面の水位の経時変化

模型タイプ1，3，4，5，7～11は，集水路水位と従水路水位，2，6は，準集水路水位と斜面水位の経時変化をサーボ式水位計（計測技研製**SW**－402，**KSW**－301）で測定した。

2.5　実験結果概略

実験結果の詳細は，益倉（1978）・木下・益倉・福囿（1979），木下ほか（1980），福囿（1981）に，すでに報告されているので，ここでは，主な結果だけを述べる．

①　ステップ波入力の場合，降雨強度が大なる程，急激に立ち上り，低減する．

図17に模型タイプ6の場合を例示する．

②　ステップ波入力の場合，従水路本数が多い程，立ち上り時間が短い．図18は，平衡時の流出量に対して，10％の割合になった時点から90％の割合になった時点までの時間を縦軸に，平衡時の流出高（入力降雨強度にほぼ等しい）を横軸に取って，プロットしたもので，上記結果を明瞭に示す．なお，図上の実線，破線，鎖線等は同一条件の数値実験（福囿，1981）で求めたものである．

③　パルス波入力の場合，従水路本数が多い程，流出ピークが早く出現し，その値も高い．図19に，その結果を示す．

④　従水路から斜面上まで氾濫すると，雨量強度が強くなっても，立ち上り時間が長くなる

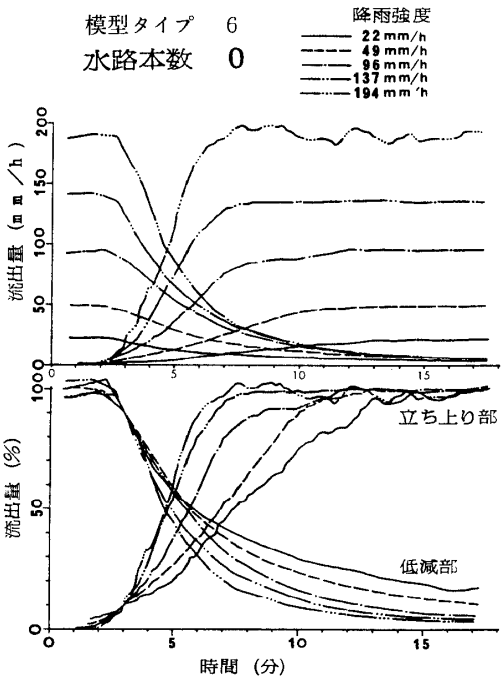

図17　ステップ波に対する立ち上がり・低減特性

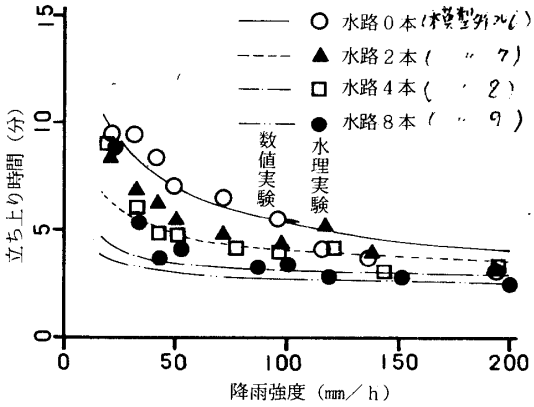

図18　立ち上り時間

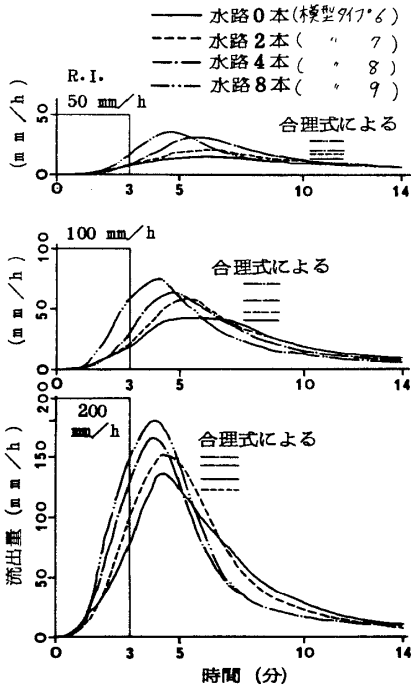

図19　水路本数による流出波形の違い

場合があった．図20の，100 mm/h 以上の部分が，それを表わしている．

⑤　不定流解析法で，実験結果の評価が可能である．

図21に不定流解析法で行ったシミュレーション結果（福囿，1981）と模型実験結果との比較を示す．

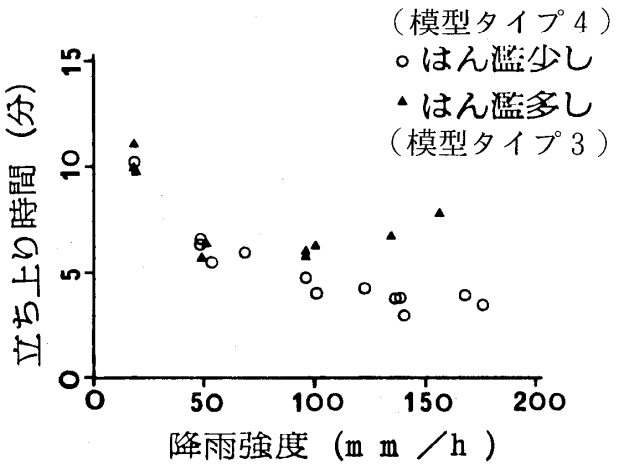

図20　はん濫の影響

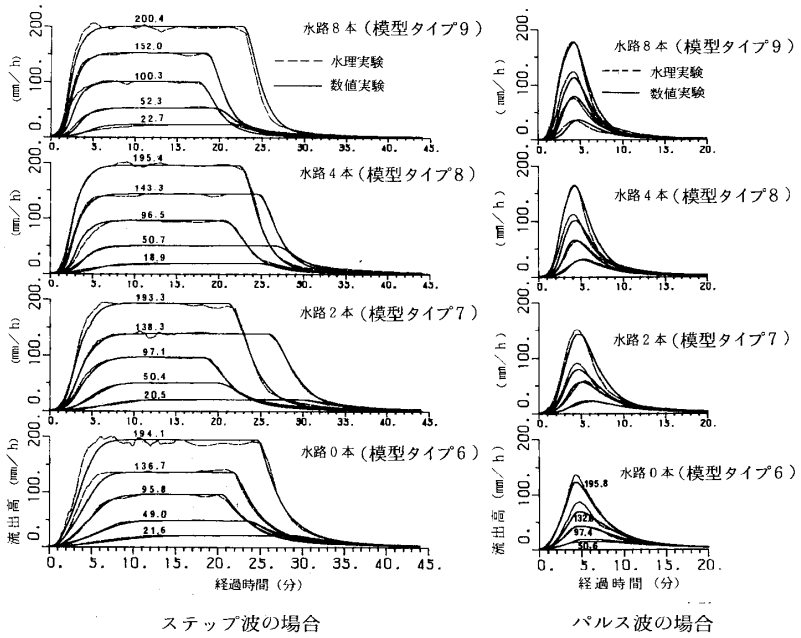

図21　模型実験と数値実験の比較

3. 謝辞

総計１９４回の実験が成功裡に終ったことは，ひとえに大型降雨装置が故障なく稼動したことによる．運転責任者である青木秀夫氏を始めとする実験に協力した土木研究所，国立防災科学技術センターの職員各位に深く謝意を表する．

なお，データ整理，一覧表の作成，ハイドログラフの作図及び不定流計算によるシミュレーションの際には，当センター第４研究部の電子計算機 *ACOS*－700 を使用した．

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1) 木下・益倉・福囿（1979）：水路網密度が流出波形に及ぼす影響について．水理講演会論文集，No. **24**, 411～416．
2) 木下武雄ら（1980）：表面流出に関する研究（その３）．国立防災科学技術センター研究報告，No. **24**, 87～100．
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4) 益倉克成（1978）：水路整備による降雨流出の変化．土木研究所研究発表会資料，第**17**回，81～88．
5) 山口高志ら（1978）：河川環境機能の維持に関する調査．建設省土木研究所昭和５２年度河川事業調査費報告，95～102．
6) 山口高志ら（1979）：河川環境機能の維持に関する調査．建設省土木研究所昭和５３年度河川事業調査費報告，69～79．

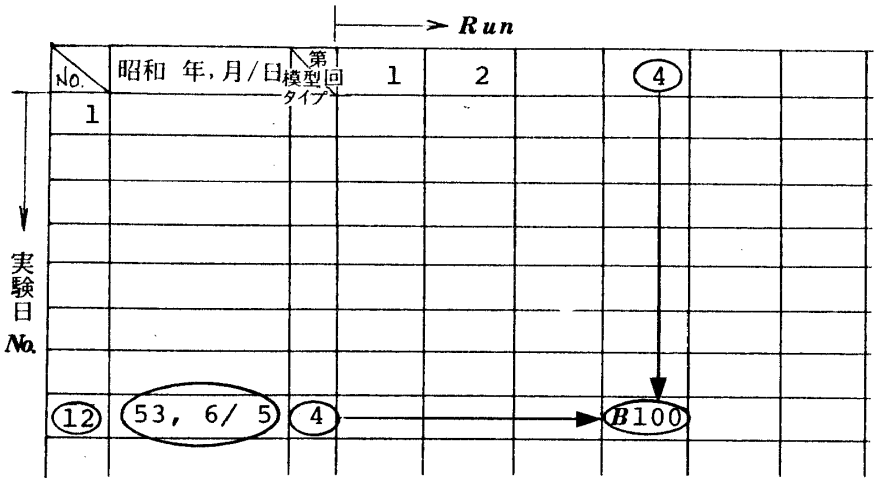
（1983年6月20日　原稿受理）

4. 資料

資料 1.1 ～ 1.3　実験一覧

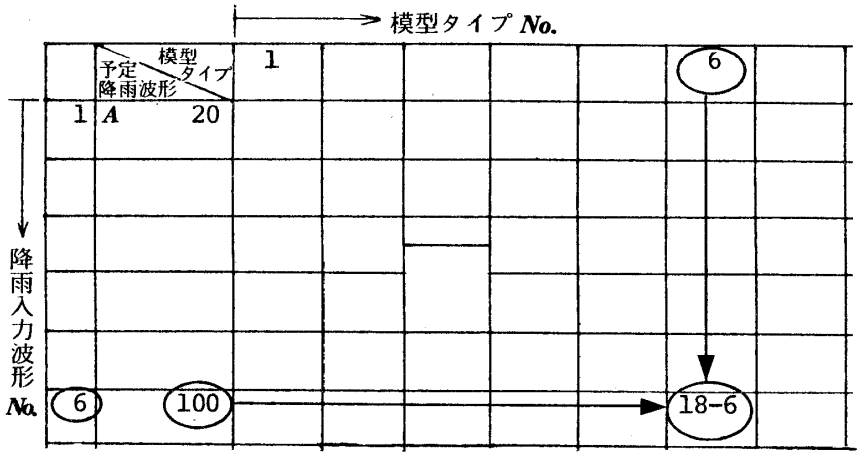
資料 1.1　実験一覧表①：実験日 **No.** と **Run** から降雨波形と予定降雨強度を検索する表

例：実験日 **No.** 12 で **Run** 4 の場合，すなわち 12 － 4 の場合は 53 年 6 月 5 日に模型タイプ 4 で行われ，下記のように **B** 100とは，パルス波で雨量強度 100 ㎜/*h* の実験であることを示す．



資料 1.2　実験一覧表②：模型タイプと予定降雨波形から実験番号（実験日 **No.** － **Run**）を検索する表

例：模型タイプ 6 に予定降雨 100 ㎜/*h* のステップ波を入力した実験の番号は下記のようにして 18 － 6 となる．



資料 1.3　ステップ波による実験の平衡時流出高一覧表

予定した降雨強度と平衡時流出高との対応を示す．

例：模型タイプ 1 の左から 4 つ目の黒丸は 1 － 4（資 1 － 1 によれば予定降雨強度 100 ㎜/*h* であった）が平衡時流出高は 91.8 ㎜/*h* であることを示す．

→ Run

↓ 実験日No.

No.	昭和 年,月/日	模型タイプ＼第回	1	2	3	4	5	6	7	8	9	10	11
1	52,11/22	1	A180	A150	A130	A100	--	--	--	--	--	--	--
2	52,11/24	1	A 70	A 50	A 20	C 1	C 2	C 3	--	--	--	--	--
3	52,11/25	1	B100	B180	B 50	A180	A150	B180	D 1	--	--	--	--
4	52,11/26	1	D 2	A200	--	--	--	--	--	--	--	--	--
5	52,11/30	2	A200	A 20	A100	A 70	A 50	--	--	--	--	--	--
6	52,12/ 1	2	C 4	C 5	B180	A150	C 3	A200	--	--	--	--	--
7	52,12/ 2	2	A100	A100	B 50	B 50	D 1	D 2	--	--	--	--	--
8	52,12/ 5	3	C 4	A100	C 6	A 20	A100	B 50	--	--	--	--	--
9	52,12/ 6	3	B100	B100	B180	A200	A 50	D 1	D 2	--	--	--	--
10	53, 6/ 1	3	B200	A 20	A 50	A100	A150	A130	--	--	--	--	--
11	53, 6/ 2	3	A200	A200	A 50	A100	A 70	A150	--	--	--	--	--
12	53, 6/ 5	4	B 50	B 50	A 20	B100	A 50	A100	A150	A200	--	--	--
13	53, 6/ 6	4	B150	B150	C 7	B200	C 8	C 9	C 10	--	--	--	--
14	53, 6/ 7	4	B100	B100	A 50	A100	--	--	--	--	--	--	--
15	53, 6/12	5	B 50	B 50	A 20	A 50	B100	A100	C 9	A200	--	--	--
16	53, 6/13	5	B100	B100	B150	A 20	C 8	B200	A150	C 10	B100	--	--
17	53,11/ 7	6	B 50	B 50	A200	B 70	A 50	A 40	A 30	--	--	--	--
18	53,11/ 8	6	B100	B100	A150	B120	B150	A100	A 70	B200	--	--	--
19	53,11/ 9	6	B200	A200	A 20	A120	A 50	--	--	--	--	--	--
20	53,11/11	7	B 50	B 50	A200	A100	--	--	--	--	--	--	--
21	53,11/13	7	B100	B100	A150	B 70	B200	A 70	A 50	B150	--	--	--
22	53,11/14	7	B120	B120	A 30	A120	A 20	A 40	--	--	--	--	--
23	53,11/16	8	B 70	B 70	A200	B 50	A 50	A 20	--	--	--	--	--
24	53,11/17	8	B100	A120	A 30	B100	B120	A150	B150	A 70	A 40	--	--
25	53,11/18	8	B 50	A100	B200	--	--	--	--	--	--	--	--
26	53,11/20	9	B 50	A200	B 50	B 70	A100	B200	A 50	A 20	A200	--	--
27	53,11/21	9	B100	A120	A 70	A 40	B150	A150	B120	B100	A 30	--	--
28	53,11/27	10	B100	A200	B100	B120	A120	B200	A 70	A 50	--	--	--
29	53,11/28	10	B150	A150	B150	A100	--	--	--	--	--	--	--
30	53,11/29	11	B100	A200	B100	A100	B150	B120	A120	B200	A150	A 70	A 50

ただし,

C1=C180-150 , C2=C120- 50 , C3=C 80- 50 , C4=C200-150
C5=C130- 50 , C6=C 80- 30 , C7=C100- 20 , C8=C200- 50
C9=C200- 50 , C10=C200-100,

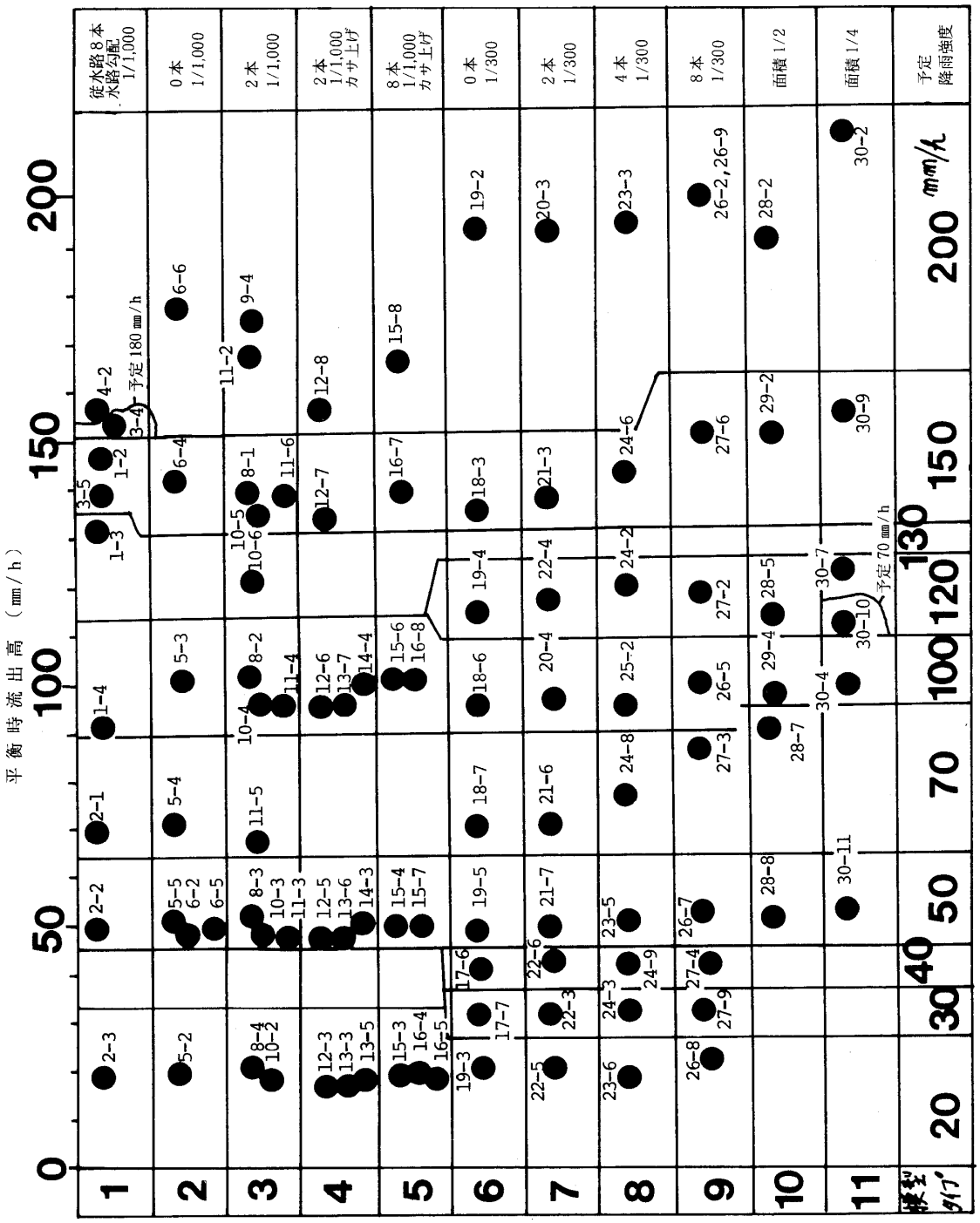
凡例
A ：ステップ波， B ：パルス波， C ：複合波， D ：その他
A１８０：雨量強度180mm／hのステップ波による実験

資料 1.1 実験一覧表①：実験日No.と Run から予定降雨波形と予定降雨強度を検索する表

→ 模型タイプ No.

降雨入力波形 No.	予定降雨波形 ＼ 模型タイプ	1	2	3	4	5	6	7	8	9	10	11
1	A 20	2-3	5-2	10-2 8-4	12-3	16-4 15-3	19-3	22-5	23-6	26-8		
2	30						17-7	22-3	24-3	27-9		
3	40			9-5			17-6	22-6	24-9	27-4		
4	50	2-2	5-5	11-3 10-3	14-3 12-5	15-4	19-5 17-5	21-7	23-5	26-7	28-8	30-11
5	70	2-1	5-4	11-5			18-7	21-6	24-8	27-3	28-7	30-10
6	100	1-4	7-2 7-1	10-4 8-5	14-4 12-6	15-6	18-6	20-4	25-2	26-5	29-4	30-4
7	120		5-3	8-2 11-4			19-4	22-4	24-2	27-2	28-5	30-7
8	130	1-3		10-6								
9	150	3-5 1-2	6-4	11-6 10-5	12-7	16-7	18-3	21-3	24-6	27-6	29-2	30-9
10	180	3-4		11-1								
11	200	4-2	6-6	11-2 9-4	12-8	15-8	19-2 17-3	20-3	23-3	26-9 26-2	28-2	30-2
12	B 50	3-3	7-4 7-3	8-6	12-2 12-1	15-2 15-1	17-2 17-1	20-2 20-1	25-1 23-4	26-3 26-1		
13	70						17-4	21-4	23-1 23-2	26-4		
14	100	3-1		9-2 9-1	14-2 14-1	16-2 16-1	18-2 18-1	21-2 21-1	24-4 24-1	27-8 27-1	28-3 28-1	30-3 30-1
15	120				12-4	15-5 16-9	18-4	22-2 22-1	24-5	27-7	28-4	30-6
16	150				13-2 13-1	16-3	18-5	21-8	24-7	27-5	29-3 29-1	30-5
17	180	3-6 3-2	6-3	9-3								
18	200				13-4	16-6	19-1 18-8	21-5	25-3	26-6	28-6	30-8
19	C100- 20				13-3							
20	200- 20				13-5	16-5						
21	80- 30			8-3								
22	80- 50	2-6	6-5									
23	120- 50	2-5										
24	130- 50		6-2									
25	200- 50				13-6	15-7						
26	200-100				13-7	16-8						
27	200-150		6-1	8-1								
28	180-150	2-4										
29	D1	3-7	7-5	9-6								
30	D2	4-1	7-6	9-7								
斜面勾配		1/1000	1/1000	1/1000	1/1000	1/1000	1/1000	1/1000	1/1000	1/1000	1/1000	1/1000
水路勾配		1/1000	1/1000	1/1000	1/1000	1/1000	1/300	1/300	1/300	1/300	1/300	1/300
従水路本数(本)		8	0	2	2 カサ上げ	8 カサ上げ	0	2	4	8	面積½	面積¼
流域面積(m²)		636	618	628	636	636	636	636	636	636	323	160

資料 1.2　実験一覧表②：模型タイプと予定降雨波形から実験番号を検索する表



資料 1.3　ステップ波による実験の平衡時流出高一覧表

資料 2.1 ～ 2.5　全体集計表

凡例説明

ZENTAI　NO　SYUKEI ：表題

MT：MTに集計されているNo.

DATE ：実験日（昭和年，月，日）

IK　IT：実験番号，**IK**＝実験日**No.**，**IT**＝**Run　No.**，最後の数字は模型タイプ

RAIN　PATTERN ：降雨入力波形，１番目の数字の内１：ステップ波（**A**），２：パルス波（**B**），３：複合波（**C**），４：その他（**D**），２番目の数字は雨量強度（㎜/ｈ），３番目と４番目の数字は**B**・**C**の場合の雨量強度（㎜/ｈ）

AREA ：斜面・従水路・集水路・準集水路の内，せき整流槽へ流出してくる流域面積（㎡）

QMAX：ステップ波の場合は平衡時流出高，パルス波の場合はピーク流出高（㎜/ｈ）

DATA ：流出量・水位のデータ数（個）

RAIN　PULS：転倒マス形雨量計で測定した雨量パルス数（個）

No. １と**No.** ３は 0.5㎜転倒，**No.** ２は１㎜転倒である．負及び０は欠測.

MMR ：転倒マス形雨量計３台の平均で，１０秒間隔のデータ数（個）

QT ：総流出高（㎜），実験開始から終了までの流出高を積分した値

RO：転倒マス形雨量計により測定した総降雨量（㎜）

RP：貯水槽減水深から求めた降雨強度（㎜/ｈ）　0.は欠測を表わす.

RT：簡易雨量計により測定した総降雨量（㎜）　0.は欠測を表わす.

RST：降雨停止時刻（分.×１０秒）　0.は欠測を表わす.

MOKEI＝：模型タイプを表わす.

SUIRO：従水路本数

ZENTAI NO SYUKEI

MT	DATE 年月日	IK IT No. 回数 模型タイプ	RAIN PATTERN mm/h 雨量パターン	AREA m² 流域面積	QMAX mm/h ピーク流出高 平衡時 or	DATA 個 水位データ個数	RAIN PULS 個 No.1	No.2	No.3 雨量パルス数	MMR 個 10雨量データ秒間隔の数	QT mm 総流出高	RO mm 総降雨量（転倒マス雨量計）	RP mm/h 貯水槽からの降雨強度減水深	RT mm 簡易雨量計による総降雨量	RST 分.秒
MOKEI= 1	SUIRO= 8本														
1	521122	1- 2- 1	1-150- 0- 0	636.	147.2	113	147	52	-10	165	66.2	62.4	0.	60.1	27.2
2	521122	1- 3- 1	1-130- 0- 0	636.	132.0	105	109	44	-10	169	53.9	49.2	0.	51.4	25.0
3	521122	1- 4- 1	1-100- 0- 0	636.	91.8	102	73	29	-10	166	37.7	32.6	0.	36.1	24.5
4	521124	2- 1- 1	1- 70- 0- 0	636.	70.0	124	55	26	48	159	28.5	25.8	0.	25.1	24.4
5	521124	2- 2- 1	1- 50- 0- 0	636.	50.6	131	42	19	32	158	21.9	18.6	0.	19.3	25.2
6	521124	2- 3- 1	1- 20- 0- 0	636.	19.4	121	18	14	32	206	9.9	13.0	0.	11.0	32.2
7	521124	2- 4- 1	3-150-180- 0	636.	133.3	240	103	47	91	166	50.8	48.0	0.	0.	0.
8	521124	2- 5- 1	3- 50-120- 0	636.	49.9	240	61	25	55	212	29.7	27.4	0.	0.	30.0
9	521124	2- 6- 1	3- 50- 80- 0	636.	51.8	240	55	26	54	211	26.4	26.8	0.	0.	29.5
10	521125	3- 1- 1	2-100- 0- 0	636.	18.7	81	5	4	10	43	2.7	3.8	0.	3.4	3.5
11	521125	3- 2- 1	2-180- 0- 0	636.	89.3	82	17	10	20	60	8.8	9.5	0.	8.9	4.4
12	521125	3- 3- 1	2- 50- 0- 0	636.	26.1	78	5	2	5	31	3.3	2.3	0.	3.5	4.5
13	521125	3- 4- 1	1-180- 0- 0	636.	154.3	104	116	56	106	166	55.4	55.6	0.	55.7	21.3
14	521125	3- 5- 1	1-150- 0- 0	636.	139.9	101	93	42	83	200	45.5	43.3	0.	48.8	20.2
15	521125	3- 6- 1	2-180- 0- 0	636.	115.2	89	19	9	20	41	11.2	9.4	0.	12.0	0.
16	521125	3- 7- 1	4- 1- 0- 0	636.	155.7	544	98	51	113	478	54.9	52.2	0.	0.	0.
17	521126	4- 1- 1	4- 2- 0- 0	636.	148.9	418	103	53	122	402	49.9	55.1	0.	0.	0.
18	521126	4- 2- 1	1-200- 0- 0	636.	157.3	119	225	105	201	282	105.5	105.7	0.	110.6	41.0
MOKEI= 2	SUIRO= 0本														
19	521130	5- 2- 2	1- 20- 0- 0	618.	19.7	105	-10	14	36	184	8.4	15.8	0.	9.3	27.2
20	521130	5- 3- 2	1-100- 0- 0	618.	101.0	105	70	39	130	194	42.1	46.7	0.	44.9	26.3
21	521130	5- 4- 2	1- 70- 0- 0	618.	71.5	104	49	27	73	173	28.0	29.6	0.	28.9	23.1
22	521130	5- 5- 2	1- 50- 0- 0	618.	52.3	105	42	24	72	205	24.9	27.0	0.	26.1	29.0
23	521201	6- 1- 2	3-150-20 0- 0	618.	136.4	109	147	77	162	234	75.2	76.8	0.	84.0	32.4
24	521201	6- 2- 2	3- 50-130- 0	618.	49.7	112	63	35	87	222	33.3	36.6	0.	36.1	32.3
25	521201	6- 3- 2	2-180- 0- 0	618.	135.4	81	27	13	35	69	12.6	14.7	0.	13.4	4.6
26	521201	6- 4- 2	1-150- 0- 0	618.	143.3	108	119	59	129	217	64.7	60.6	0.	70.5	28.2
27	521201	6- 5- 2	3- 50- 80- 0	618.	51.1	105	32	33	67	241	28.2	27.4	0.	29.9	32.1
28	521201	6- 6- 2	1-200- 0- 0	618.	178.7	105	163	83	177	219	82.3	84.4	0.	88.3	28.0
29	521202	7- 1- 2	1-100- 0- 0	618.	99.7	80	22	13	54	89	10.4	17.0	0.	13.4	8.4
30	521202	7- 2- 2	1-100- 0- 0	618.	99.7	80	24	14	55	89	13.9	17.7	0.	13.1	8.4
31	521202	7- 3- 2	2- 50- 0- 0	618.	44.4	82	13	6	31	88	6.3	9.3	0.	7.4	9.7
32	521202	7- 4- 2	2- 50- 0- 0	618.	46.1	82	11	7	37	85	7.7	10.0	0.	7.9	9.1
33	521202	7- 5- 2	4- 1- 0- 0	618.	155.0	597	109	66	130	460	52.7	61.9	0.	0.	0.
34	521202	7- 6- 2	4- 2- 0- 0	618.	162.6	475	96	59	115	405	50.4	54.8	0.	0.	0.

資料 2.1　全体集計表

ZENTAI NO SYUKEI

MT	DATE 年月日	IK IT	RAIN PATTERN ㎜/h	AREA ㎡	QMAX ㎜/h	DATA 個	RAIN PULS 個 No.1	No.2	No.3	MMR 個	QT ㎜	RO ㎜	RP ㎜/h	RT ㎜	RST 分.秒
MOKEI= 3		SUIRO= 2本													
35	521205	8- 1- 3	3-150-200- 0	628.	140.3	116	176	87	172	256	91.8	87.0	0.	88.7	37.0
36	521205	8- 2- 3	1-100- 0- 0	628.	100.8	85	54	29	60	136	28.8	28.6	0.	30.5	18.0
37	521205	8- 3- 3	3- 50- 80-80	628.	53.2	147	137	68	138	420	69.7	68.4	0.	74.6	70.2
38	521205	8- 4- 3	1- 20- 0- 0	628.	71.1	102	20	12	23	155	8.6	11.2	0.	9.2	25.4
39	521205	8- 5- 3	1-100- 0- 0	628.	0.	56	41	22	47	123	4.5	22.0	0.	0.	15.0
40	521205	8- 6- 3	2- 50- 0- 0	628.	44.1	124	11	6	11	51	5.9	5.6	0.	0.	8.1
41	521206	9- 1- 3	2-100- 0- 0	628.	88.6	82	22	12	27	76	9.8	12.1	0.	12.1	7.6
42	521206	9- 2- 3	2-100- 0- 0	628.	90.7	114	23	12	27	73	11.4	12.3	0.	0.	7.6
43	521206	9- 3- 3	2-180- 0- 0	628.	154.3	118	40	20	42	84	19.8	20.3	0.	0.	18.2
44	521206	9- 4- 3	1-200- 0- 0	628.	176.0	90	98	53	108	144	51.8	52.0	0.	51.6	25.2
45	521206	9- 5- 3	1- 50- 0- 0	628.	52.0	238	41	19	39	167	19.8	19.6	0.	0.	0.
46	521206	9- 6- 3	4- 1- 0- 0	628.	162.7	537	114	65	137	449	56.1	51.9	0.	0.	0.
47	521206	9- 7- 3	4- 2- 0- 0	628.	156.8	470	97	56	113	398	52.3	53.7	0.	0.	0.
48	530601	10- 2- 3	1- 20- 0- 0	636.	18.3	135	28	5	23	164	8.1	10.2	0.	9.2	27.3
49	530601	10- 3- 3	1- 50- 0- 0	636.	48.5	100	26	14	33	143	19.3	14.4	0.	20.6	23.2
50	530601	10- 4- 3	1-100- 0- 0	636.	96.0	57	35	20	31	70	8.8	17.6	0.	40.1	22.1
51	530601	10- 5- 3	1-150- 0- 0	636.	136.3	90	118	63	94	143	54.6	56.1	0.	57.0	23.3
52	530601	10- 6- 3	1-130- 0- 0	636.	122.5	95	67	44	70	116	39.9	37.5	0.	40.5	19.0
53	530602	11- 1- 3	2-200- 0- 0	636.	163.5	95	56	35	56	97	26.5	30.2	0.	30.3	9.4
54	530602	11- 2- 3	1-200- 0- 0	636.	167.9	115	88	64	101	110	51.7	52.7	0.	56.4	18.0
55	530602	11- 3- 3	1- 50- 0- 0	636.	48.0	110	26	10	31	104	14.7	12.8	0.	15.3	17.0
56	530602	11- 4- 3	1-100- 0- 0	636.	96.4	95	48	28	40	120	22.8	23.9	0.	25.5	14.2
57	530602	11- 5- 3	1- 70- 0- 0	636.	68.3	105	42	22	45	158	26.2	21.8	0.	27.0	22.3
58	530602	11- 6- 3	1-150- 0- 0	636.	139.0	95	63	36	56	106	32.4	31.8	0.	34.9	13.4

資料2.2　全体集計表

ZENTAI NO SYUKEI

MT	DATE 年月日	IK IT	RAIN PATTERN mm/h	AREA m²	QMAX mm/h	DATA 個	RAIN PULS 個 No.1	No.2	No.3	MMR 個	QT mm	RO mm	RP mm/h	RT mm	RST 分.秒
MOKEI= 4		SUIRO= 2本													
59	530605	12- 1- 4	2- 50- 0- 0	636.	9.4	104	0	2	0	19	2.1	2.0	0.	2.9	3.0
60	530605	12- 2- 4	2- 50- 0- 0	636.	20.7	95	6	3	5	25	4.3	2.8	0.	3.8	3.4
61	530605	12- 3- 4	1- 20- 0- 0	636.	18.1	120	30	9	30	193	9.1	13.0	0.	11.3	31.3
62	530605	12- 4- 4	2-100- 0- 0	636.	43.6	90	10	5	10	25	6.3	4.9	0.	6.9	3.4
63	530605	12- 5- 4	1- 50- 0- 0	636.	47.7	106	34	17	42	153	20.9	18.3	0.	22.5	24.4
64	530605	12- 6- 4	1-100- 0- 0	636.	96.0	104	72	37	56	125	33.8	33.6	0.	36.6	19.6
65	530605	12- 7- 4	1-150- 0- 0	636.	134.3	95	127	65	83	153	59.7	56.7	0.	60.8	24.4
66	530605	12- 8- 4	1-200- 0- 0	636.	156.4	100	113	80	119	148	67.8	65.2	0.	72.5	24.1
67	530606	13- 1- 4	2-150- 0- 0	636.	58.2	70	13	8	9	21	7.6	6.2	0.	8.8	3.1
68	530606	13- 2- 4	2-150- 0- 0	636.	65.4	70	14	8	10	21	8.8	6.5	0.	9.0	3.1
69	530606	13- 3- 4	3- 20-100- 0	636.	18.1	173	50	20	48	283	19.7	23.0	0.	22.1	46.4
70	530606	13- 4- 4	2-200- 0- 0	636.	100.4	81	20	14	16	25	13.3	10.5	0.	14.1	3.5
71	530606	13- 5- 4	3- 20-200- 0	636.	19.1	200	72	32	78	330	28.6	35.7	0.	30.2	54.0
72	530606	13- 6- 4	3- 50-200- 0	636.	48.7	155	92	49	106	276	50.7	49.3	0.	53.1	46.0
73	530606	13- 7- 4	3-100-200- 0	636.	96.2	120	124	75	121	229	67.5	65.7	0.	72.4	37.5
74	530607	14- 1- 4	2-100- 0- 0	636.	47.7	89	10	6	10	24	6.6	5.2	0.	7.9	3.3
75	530607	14- 2- 4	2-100- 0- 0	636.	47.1	82	9	5	10	23	6.5	4.7	0.	6.7	3.2
76	530607	14- 3- 4	1- 50- 0- 0	636.	51.3	97	29	15	34	117	17.6	15.4	0.	18.8	19.1
77	530607	14- 4- 4	1-100- 0- 0	636.	100.5	100	71	38	57	124	35.3	33.9	0.	37.9	20.0
MOKEI= 5		SUIRO= 8本													
78	530612	15- 1- 5	2- 50- 0- 0	636.	17.7	78	5	2	3	22	2.5	1.9	0.	3.8	3.1
79	530612	15- 2- 5	2- 50- 0- 0	636.	31.5	76	6	3	6	24	3.9	2.9	0.	4.2	3.3
80	530612	15- 3- 5	1- 20- 0- 0	636.	20.1	112	22	9	25	164	9.1	10.8	0.	10.6	26.4
81	530612	15- 4- 5	1- 50- 0- 0	636.	51.5	87	31	15	32	119	18.1	15.5	0.	19.3	19.4
82	530612	15- 5- 5	2-100- 0- 0	636.	64.3	71	10	6	8	19	5.9	4.9	0.	7.0	2.6
83	530612	15- 6- 5	1-100- 0- 0	636.	101.3	102	62	34	49	106	28.9	29.8	0.	32.6	17.2
84	530612	15- 7- 5	3- 50-200- 0	636.	50.8	160	74	35	69	219	40.9	35.4	0.	42.6	36.2
85	530612	15- 8- 5	1-200- 0- 0	636.	167.4	105	88	57	96	117	55.1	49.5	0.	57.1	19.1
86	530613	16- 1- 5	2-100- 0- 0	636.	59.2	75	11	8	8	54	5.9	5.8	0.	7.3	3.2
87	530613	16- 2- 5	2-100- 0- 0	636.	64.6	80	10	6	9	21	6.9	5.1	0.	7.6	3.2
88	530613	16- 3- 5	2-150- 0- 0	636.	90.5	125	12	8	12	21	8.7	6.5	0.	9.1	3.2
89	530613	16- 4- 5	1- 20- 0- 0	636.	20.5	94	23	6	22	137	7.3	9.5	0.	9.9	22.5
90	530613	16- 5- 5	3- 20-200- 0	636.	19.7	161	56	13	48	273	21.2	21.6	0.	22.6	45.1
91	530613	16- 6- 5	2-200- 0- 0	636.	130.1	76	22	15	11	22	11.7	10.2	0.	11.5	3.3
92	530613	16- 7- 5	1-150- 0- 0	636.	140.4	81	108	53	76	157	50.1	48.3	0.	52.4	20.3
93	530613	16- 8- 5	3-100-200- 0	636.	101.3	145	122	62	94	186	57.8	56.6	0.	61.2	30.5
94	530613	16- 9- 5	2-100- 0- 0	636.	65.4	49	9	6	11	27	7.2	5.3	0.	5.5	3.2

資料2.3　全体集計表

ZENTAI NO SYUKEI

MT	DATE 年月日	IK IT	RAIN PATTERN mm/h		AREA m²	QMAX mm/h	DATA 個	RAIN PULS 個 No.1	No.2	No.3	MMR 個	QT mm	RO mm	RP mm/h	RT mm	RST 分.秒
MOKEI= 6		SUIRO= 0本														
95	531107	17- 2- 6	2- 50-	0- 0	636.	14.6	81	4	2	6	24	3.3	2.3	209.4	0.	3.5
96	531107	17- 4- 6	2- 70-	0- 0	636.	26.3	81	7	5	8	41	4.7	4.2	0.	0.	4.0
97	531107	17- 6- 6	1- 40-	0- 0	636.	41.2	120	40	15	40	144	16.3	18.3	38.8	0.	23.3
98	531107	17- 7- 6	1- 30-	0- 0	636.	31.4	120	31	11	27	152	13.1	13.3	29.8	0.	25.3
99	531108	18- 1- 6	2-100-	0- 0	636.	33.9	81	9	5	10	25	4.8	4.8	0.	0.	3.3
100	531108	18- 2- 6	2-100-	0- 0	636.	42.3	81	9	6	11	34	6.1	5.3	0.	0.	3.3
101	531108	18- 3- 6	1-150-	0- 0	636.	136.7	120	92	53	89	173	50.9	47.8	148.8	0.	21.3
102	531108	18- 4- 6	2-120-	0- 0	636.	71.9	81	14	9	14	45	8.4	7.6	0.	0.	4.0
103	531108	18- 5- 6	2-150-	0- 0	636.	85.8	81	15	10	17	49	9.3	8.6	0.	0.	4.0
104	531108	18- 6- 6	1-100-	0- 0	636.	95.8	120	60	38	61	154	31.9	32.8	97.3	0.	20.1
105	531108	18- 7- 6	1- 70-	0- 0	636.	71.1	120	52	25	52	144	25.8	25.6	71.0	0.	21.2
106	531108	18- 8- 6	2-200-	0- 0	636.	133.6	81	19	12	26	46	13.1	11.5	0.	0.	3.5
107	531109	19- 2- 6	1-200-	0- 0	636.	194.1	120	139	75	145	184	80.0	72.5	213.6	0.	25.0
108	531109	19- 3- 6	1- 20-	0- 0	636.	21.6	120	25	5	38	174	10.2	12.1	26.7	0.	29.3
109	531109	19- 4- 6	1-120-	0- 0	636.	115.2	120	72	52	75	165	38.8	41.8	117.5	0.	20.3
110	531109	19- 5- 6	1- 50-	0- 0	636.	49.0	120	33	17	43	141	19.4	18.3	50.1	0.	23.3
MOKEI= 7		SUIRO= 2本														
111	531111	20- 1- 7	2- 50-	0- 0	636.	12.3	81	6	2	6	23	2.3	2.6	0.	0.	4.0
112	531111	20- 2- 7	2- 50-	0- 0	636.	20.4	81	5	2	7	24	3.6	2.6	0.	0.	4.0
113	531111	20- 3- 7	1-200-	0- 0	636.	193.3	120	89	66	138	168	69.2	59.1	213.1	0.	24.0
114	531111	20- 4- 7	1-100-	0- 0	636.	97.1	120	52	33	50	128	30.5	27.9	97.5	0.	19.0
115	531113	21- 1- 7	2-100-	0- 0	636.	38.4	81	9	8	9	60	4.9	5.6	0.	0.	3.4
116	531113	21- 2- 7	2-100-	0- 0	636.	57.4	81	10	8	11	58	6.6	6.1	0.	0.	3.5
117	531113	21- 3- 7	1-150-	0- 0	636.	138.3	120	116	67	104	197	60.4	57.4	146.2	0.	26.3
118	531113	21- 4- 7	2- 70-	0- 0	636.	29.4	81	8	4	7	28	4.6	3.8	0.	0.	3.5
119	531113	21- 5- 7	2-200-	0- 0	636.	149.4	81	19	11	19	38	13.5	9.9	0.	0.	4.0
120	531113	21- 6- 7	1- 70-	0- 0	636.	71.4	120	68	33	56	190	32.7	31.7	70.6	0.	22.3
121	531113	21- 7- 7	1- 50-	0- 0	636.	50.4	120	30	14	33	125	17.2	15.2	49.5	0.	20.3
122	531113	21- 8- 7	2-150-	0- 0	636.	89.4	81	14	9	18	52	8.9	8.3	0.	0.	3.3
123	531114	22- 1- 7	2-120-	0- 0	636.	61.3	81	13	7	15	44	6.5	7.0	0.	0.	3.4
124	531114	22- 2- 7	2-120-	0- 0	636.	70.0	81	12	7	14	45	7.8	6.6	0.	0.	3.5
125	531114	22- 3- 7	1- 30-	0- 0	636.	32.2	120	33	10	29	154	13.9	13.6	29.5	0.	26.0
126	531114	22- 4- 7	1-120-	0- 0	636.	117.1	120	97	55	97	180	48.2	50.7	117.9	0.	25.0
127	531114	22- 5- 7	1- 20-	0- 0	636.	20.5	120	24	6	30	184	9.8	11.0	25.8	0.	30.0
128	531114	22- 6- 7	1- 40-	0- 0	636.	42.5	120	45	15	51	168	19.5	21.0	39.7	0.	28.3
MOKEI= 8		SUIRO= 4本														
129	531116	23- 1- 8	2- 70-	0- 0	636.	30.8	81	7	4	5	39	4.1	3.3	0.	0.	3.4
130	531116	23- 2- 8	2- 70-	0- 0	636.	35.9	81	6	4	5	42	4.6	3.1	0.	0.	3.4
131	531116	23- 3- 8	1-200-	0- 0	636.	195.4	120	140	71	146	159	74.1	71.4	213.0	0.	22.3
132	531116	23- 4- 8	2- 50-	0- 0	636.	30.4	79	5	2	5	24	4.1	2.0	0.	0.	4.0
133	531116	23- 5- 8	1- 50-	0- 0	636.	50.7	120	36	17	41	158	23.0	18.5	50.4	0.	27.0
134	531116	23- 6- 8	1- 20-	0- 0	636.	18.9	120	27	4	24	175	8.0	9.8	22.9	0.	25.0
135	531117	24- 1- 8	2-100-	0- 0	636.	50.9	81	-5	-5	-5	0	5.9	0.	0.	0.	0.
136	531117	24- 2- 8	1-120-	0- 0	636.	121.1	120	82	48	84	169	44.9	43.5	114.8	0.	23.3
137	531117	24- 3- 8	1- 30-	0- 0	636.	32.5	120	26	8	27	137	12.1	11.5	29.5	0.	22.3
138	531117	24- 4- 8	2-100-	0- 0	636.	62.6	81	10	7	11	68	6.6	5.8	0.	0.	4.0
139	531117	24- 5- 8	2-120-	0- 0	636.	76.2	81	12	6	14	49	7.3	6.3	146.6	0.	3.4
140	531117	24- 6- 8	1-150-	0- 0	636.	143.3	120	113	70	100	196	59.5	58.5	0.	0.	25.3
141	531117	24- 7- 8	2-150-	0- 0	636.	110.6	81	17	9	18	44	9.7	8.7	0.	0.	3.4
142	531117	24- 8- 8	1- 70-	0- 0	636.	77.1	120	48	23	37	115	24.6	21.8	74.8	0.	19.2
143	531117	24- 9- 8	1- 40-	0- 0	636.	42.5	120	36	14	32	128	15.3	16.0	39.6	0.	21.3
144	531118	25- 1- 8	2- 50-	0- 0	636.	18.5	81	5	2	6	30	2.8	2.5	0.	0.	3.4
145	531118	25- 2- 8	1-100-	0- 0	636.	96.5	130	64	37	58	143	33.1	32.7	94.9	0.	21.0
146	531118	25- 3- 8	2-200-	0- 0	636.	163.9	81	18	13	28	56	12.7	12.0	0.	0.	4.0

資料 2.4　全体集計表

ZENTAI NO SYUKEI

MT	DATE 年月日	IK IT	RAIN PATTERN mm/h		AREA m²	QMAX mm/h	DATA 個	RAIN PULS 個 No.1	No.2	No.3	MMR 個	QT mm	RO mm	RP mm/h	RT mm	RST 分.秒
MOKEI= 9		SUIRO= 8本														
147	531120	26- 1- 9	2- 50-	0- 0	636.	19.9	81	4	2	5	37	2.6	2.1	0.	0.	3.4
148	531120	26- 2- 9	1-200-	0- 0	636.	200.4	120	119	70	137	165	75.4	66.0	214.3	0.	23.0
149	531120	26- 3- 9	2- 50-	0- 0	636.	33.9	81	5	2	5	23	4.0	2.3	0.	0.	4.0
150	531120	26- 4- 9	2- 70-	0- 0	636.	54.7	73	8	4	6	25	5.2	3.6	0.	0.	4.0
151	531120	26- 5- 9	1-100-	0- 0	636.	100.3	120	55	32	52	124	31.2	28.2	96.3	0.	18.0
152	531120	26- 6- 9	2-200-	0- 0	636.	177.6	81	22	12	28	60	13.9	12.3	0.	0.	4.0
153	531120	26- 7- 9	1- 50-	0- 0	636.	52.3	120	31	15	32	121	18.3	15.5	50.9	0.	19.3
154	531120	26- 8- 9	1- 20-	0- 0	636.	22.7	120	23	3	19	134	8.3	8.0	24.0	0.	23.0
155	531120	26- 9- 9	1-200-	0- 0	636.	200.4	120	52	39	75	110	40.4	34.1	0.	0.	12.0
156	531121	27- 1- 9	2-100-	0- 0	636.	59.4	74	10	5	11	27	4.9	5.1	0.	0.	3.2
157	531121	27- 2- 9	1-120-	0- 0	636.	118.9	120	65	40	67	178	36.6	35.3	114.3	0.	18.0
158	531121	27- 3- 9	1- 70-	0- 0	636.	86.8	120	82	45	63	281	42.8	39.0	82.0	0.	30.0
159	531121	27- 4- 9	1- 40-	0- 0	636.	42.6	120	29	14	31	161	14.4	14.7	39.6	0.	19.0
160	531121	27- 5- 9	2-150-	0- 0	636.	123.0	81	16	11	16	43	9.7	8.8	0.	0.	3.5
161	531121	27- 6- 9	1-150-	0- 0	636.	152.0	120	85	54	82	131	47.5	45.8	144.3	0.	19.0
162	531121	27- 7- 9	2-120-	0- 0	636.	94.9	81	15	7	13	54	8.0	6.9	0.	0.	3.3
163	531121	27- 8- 9	2-100-	0- 0	636.	73.3	81	10	7	11	52	6.8	5.8	0.	0.	3.3
164	531121	27- 9- 9	1- 30-	0- 0	636.	33.3	120	26	10	24	128	12.4	11.6	28.5	0.	22.3
MOKEI=10		SUIRO= 面積1/2, 4本														
165	531127	28- 1-10	2-100-	0- 0	323.	59.5	81	-5	4	12	36	5.3	5.0	0.	0.	4.0
166	531127	28- 2-10	1-200-	0- 0	318.	192.8	115	59	61	114	114	58.3	49.1	210.7	0.	18.0
167	531127	28- 3-10	2-100-	0- 0	323.	74.2	81	10	5	13	42	6.6	5.4	0.	0.	3.3
168	531127	28- 4-10	2-120-	0- 0	323.	93.1	81	13	7	13	48	7.4	6.6	0.	0.	3.3
169	531127	28- 5-10	1-120-	0- 0	318.	114.9	115	61	33	62	141	34.3	31.5	115.5	0.	17.3
170	531127	28- 6-10	2-200-	0- 0	323.	187.6	81	16	13	23	33	13.1	10.7	0.	0.	4.0
171	531127	28- 7-10	1- 70-	0- 0	318.	91.6	109	36	23	43	92	20.9	20.7	88.8	0.	14.3
172	531127	28- 8-10	1- 50-	0- 0	318.	52.0	120	29	15	28	103	16.4	14.4	51.5	0.	17.3
173	531128	29- 1-10	2-150-	0- 0	323.	119.1	81	17	9	18	41	8.7	8.7	0.	0.	3.5
174	531128	29- 2-10	1-150-	0- 0	318.	152.0	117	73	44	67	133	41.4	37.7	146.3	0.	16.1
175	531128	29- 3-10	2-150-	0- 0	323.	129.8	81	16	9	19	42	10.1	8.7	0.	0.	3.3
176	531128	29- 4-10	1-100-	0- 0	318.	98.4	120	58	31	53	118	31.2	28.8	95.7	0.	18.5
MOKEI=11		SUIRO= 面積1/4, 2本														
177	531129	30- 1-11	2-100-	0- 0	160.	55.8	81	10	4	11	33	5.1	4.8	0.	0.	3.3
178	531129	30- 2-11	1-200-	0- 0	159.	214.6	120	97	56	97	122	58.4	51.0	205.0	0.	16.5
179	531129	30- 3-11	2-100-	0- 0	160.	86.4	76	12	6	13	31	7.7	6.1	0.	0.	4.2
180	531129	30- 4-11	1-100-	0- 0	159.	100.3	120	45	24	45	111	26.3	23.0	95.4	0.	15.3
181	531129	30- 5-11	2-150-	0- 0	160.	137.1	81	16	9	16	32	10.4	8.2	0.	0.	3.4
182	531129	30- 6-11	2-120-	0- 0	160.	92.9	76	12	6	11	22	7.3	5.8	0.	0.	3.4
183	531129	30- 7-11	1-120-	0- 0	159.	123.4	105	49	27	54	106	29.2	26.1	117.5	0.	14.0
184	531129	30- 8-11	2-200-	0- 0	160.	197.8	76	16	-5	23	25	14.0	9.7	0.	0.	4.1
185	531129	30- 9-11	1-150-	0- 0	159.	156.5	105	58	31	59	97	34.3	29.8	148.1	0.	13.3
186	531129	30-10-11	1- 70-	0- 0	159.	113.2	105	43	27	54	139	26.3	25.1	96.6	0.	15.0
187	531129	30-11-11	1- 50-	0- 0	159.	53.5	105	23	10	32	83	13.4	9.8	52.0	0.	14.1

資料 2.5　全体集計表

資料 3.1 ～ 3.219　流出量・降雨量および水路水位

凡例説明

右上数字（例：１－２－１）：実験日No.－Run－模型タイプ

左上から

DISCHARGE & R.I.：表題

８数字（例：１－２－１）：実験日**No.－Run**－模型タイプ

６数字（例：５２１１２２）：実験年月日（昭和）

９数字（例：１－１５０　　０）：降雨入力波形

AREA ＝：流域面積（㎡）

QMAX ＝：ステップ波の場合は平衡時流出高，パルス波の場合はピーク流出高（㎜/h）

TIME：降雨開始からの時間（秒）

H１：せき越流深（㎜）

H２，**H**３：水路あるいは斜面の水位（㎜），測定位置は図１～図１１に示す.

Q：流出高（㎜/h），せき整流槽の貯留効果は補正済.

R：降雨強度（㎜/h），転倒マス形雨量計３台の平均.

なお，

表中の横棒（－）は欠測.

DISCHARGE & R.I.　1 -2 -1,　521122,　1-150　0 AREA=636.M**2　QMAX=147.2MM/H　1 -2 -1

TIME SEC	H1 セキ水位 MM	H2 MM	H3 MM	Q 流出高 MM/H	R 雨量 MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	5	7	0.5	32.2	540	204	113	55	146.7	139.9	1080	203	114	54	144.4	153.3	1620	204	116	55	146.5	81.8
10	19	5	7	0.5	32.2	550	204	113	55	147.6	139.9	1090	-	-	-	-	135.9	1630	-	-	-	-	81.8
20	19	5	7	0.5	32.2	560	204	113	55	147.6	143.6	1100	-	-	-	-	141.1	1640	-	-	-	-	81.8
30	19	5	7	0.5	32.2	570	204	113	55	147.6	147.7	1110	-	-	-	-	153.3	1680	198	107	47	132.3	0.
40	19	5	7	0.5	32.2	580	204	113	55	145.5	154.3	1120	-	-	-	-	160.8	1740	178	84	33	98.1	0.
50	19	5	7	0.5	32.2	590	204	113	55	145.5	142.9	1130	-	-	-	-	150.5	1800	155	65	22	67.5	0.
60	19	5	7	0.5	32.2	600	204	115	54	145.0	140.0	1140	204	115	55	146.7	142.9	1860	139	54	19	50.8	0.
70	19	5	7	0.8	32.2	610	198	115	54	133.2	144.5	1150	-	-	-	-	147.9	1920	117	47	17	31.7	0.
80	19	5	7	0.9	32.2	620	198	115	54	134.4	159.5	1160	-	-	-	-	148.5	1980	106	37	16	26.0	0.
90	19	6	8	1.6	90.3	630	197	115	54	132.2	155.0	1170	-	-	-	-	143.2	2040	98	33	13	21.2	0.
100	20	7	12	2.0	126.8	640	194	115	54	130.4	150.0	1180	-	-	-	-	139.9	2100	91	29	11	17.8	0.
110	21	8	17	2.5	153.3	650	198	115	54	137.7	153.6	1190	-	-	-	-	141.6	2160	84	24	10	13.9	0.
120	23	11	21	3.8	144.7	660	199	117	55	139.9	146.9	1200	204	114	55	146.6	153.9	2220	78	22	9	11.7	0.
130	24	13	24	5.4	133.8	670	200	117	55	143.1	133.9	1210	-	-	-	-	159.4	2280	72	20	8	9.6	0.
140	26	18	31	7.8	138.4	680	202	117	55	146.2	130.7	1220	-	-	-	-	147.3	2340	67	16	8	7.7	0.
150	29	23	36	11.4	154.8	690	203	117	55	146.9	146.2	1230	-	-	-	-	144.7	2400	63	16	8	6.7	0.
160	35	29	40	16.4	141.8	700	205	117	55	150.4	141.2	1240	-	-	-	-	139.3	2460	59	15	8	5.7	0.
170	43	37	42	23.2	141.5	710	205	117	55	150.1	148.6	1250	-	-	-	-	145.3	2520	56	14	8	4.9	0.
180	57	48	45	30.6	141.2	720	206	117	55	151.0	136.4	1260	204	115	55	147.5	141.4	2580	53	12	8	4.4	0.
190	71	54	47	37.8	165.8	730	-	-	-	-	136.4	1270	-	-	-	-	133.2	2640	51	11	8	4.0	0.
200	91	60	50	47.4	147.3	740	-	-	-	-	149.1	1280	-	-	-	-	136.3	2700	48	11	8	3.4	0.
210	110	64	52	58.6	138.9	750	-	-	-	-	156.3	1290	-	-	-	-	148.5	2760	46	10	8	3.2	0.
220	123	71	52	67.3	144.6	760	-	-	-	-	137.7	1300	-	-	-	-	143.7	2820	44	10	8	2.7	0.
230	134	76	52	73.8	158.9	770	-	-	-	-	147.3	1310	-	-	-	-	148.0	2880	42	9	8	2.7	0.
240	146	80	53	81.9	155.5	780	208	118	54	153.7	156.3	1320	204	116	55	147.4	154.3	2940	42	9	8	2.5	0.
250	155	84	53	89.8	150.8	790	-	-	-	-	149.3	1330	-	-	-	-	150.2	3000	40	8	8	2.2	0.
260	163	88	53	97.4	136.3	800	-	-	-	-	140.5	1340	-	-	-	-	159.2	3060	39	8	8	2.1	0.
270	170	92	55	104.0	133.0	810	-	-	-	-	148.5	1350	-	-	-	-	172.3	3120	38	8	8	2.3	0.
280	175	96	54	109.8	133.4	820	-	-	-	-	163.8	1360	-	-	-	-	150.0						
290	180	98	54	115.2	127.9	830	-	-	-	-	143.9	1370	-	-	-	-	121.5						
300	184	101	55	119.5	127.9	840	206	117	55	150.4	121.5	1380	204	114	55	147.4	149.9						
310	187	105	55	124.5	132.7	850	-	-	-	-	125.0	1390	-	-	-	-	147.4						
320	190	106	55	127.5	149.0	860	-	-	-	-	125.0	1400	-	-	-	-	193.1						
330	192	107	55	129.6	143.5	870	-	-	-	-	144.4	1410	-	-	-	-	215.4						
340	194	107	55	132.1	138.1	880	-	-	-	-	125.5	1420	-	-	-	-	139.6						
350	196	109	55	134.9	139.5	890	-	-	-	-	140.0	1430	-	-	-	-	140.5						
360	196	109	55	135.2	147.2	900	204	117	55	146.5	154.2	1440	204	114	54	147.3	144.5						
370	198	111	55	137.4	149.0	910	-	-	-	-	143.5	1450	-	-	-	-	150.0						
380	199	112	55	138.6	135.9	920	-	-	-	-	139.9	1460	-	-	-	-	150.0						
390	199	112	55	139.3	134.3	930	-	-	-	-	152.4	1470	-	-	-	-	150.0						
400	200	113	55	140.6	143.3	940	-	-	-	-	155.1	1480	-	-	-	-	140.5						
410	200	114	55	141.1	133.1	950	-	-	-	-	152.1	1490	-	-	-	-	136.4						
420	200	115	55	141.0	150.0	960	200	114	55	140.8	151.0	1500	204	114	55	146.5	134.3						
430	200	115	55	140.7	150.0	970	-	-	-	-	150.0	1510	-	-	-	-	133.5						
440	200	115	55	140.5	141.8	980	-	-	-	-	139.5	1520	-	-	-	-	147.2						
450	200	115	55	141.6	141.8	990	-	-	-	-	143.5	1530	-	-	-	-	139.9						
460	200	115	55	141.6	166.4	1000	-	-	-	-	157.1	1540	-	-	-	-	152.2						
470	200	115	55	141.6	112.0	1010	-	-	-	-	162.1	1550	-	-	-	-	139.2						
480	204	112	55	147.6	117.9	1020	206	116	55	151.3	157.6	1560	204	114	54	146.6	131.8						
490	204	112	55	147.6	128.0	1030	-	-	-	-	164.5	1570	-	-	-	-	131.8						
500	204	112	55	147.6	115.7	1040	-	-	-	-	123.8	1580	-	-	-	-	148.5						
510	204	112	55	146.5	165.7	1050	-	-	-	-	137.0	1590	-	-	-	-	148.5						
520	204	112	55	146.7	149.6	1060	-	-	-	-	140.5	1600	-	-	-	-	81.8						
530	204	112	55	146.7	140.9	1070	-	-	-	-	138.7	1610	-	-	-	-	81.8						

資料 3.1　流出量・降雨量および水路水位

DISCHARGE & R.I.,　1 -3 -1,　521122,　1-130　0 AREA=636.M**2　QMAX=132.0MM/H　　1 -3 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	5	7	0.8	35.0
10	24	5	7	0.8	35.0
20	24	5	7	0.8	35.0
30	24	5	7	0.8	35.0
40	24	5	7	0.8	35.0
50	24	5	7	0.9	35.0
60	24	5	8	0.9	35.0
70	24	6	8	1.1	35.0
80	25	6	8	1.3	55.0
90	25	6	8	1.7	97.5
100	25	7	11	2.2	108.2
110	26	8	14	2.5	124.3
120	27	10	19	3.8	141.8
130	28	12	24	5.3	115.8
140	30	18	27	7.1	117.4
150	34	22	32	9.9	126.4
160	39	28	35	13.8	111.4
170	44	34	39	18.9	116.0
180	54	41	42	24.6	124.9
190	66	48	44	31.0	129.2
200	81	55	45	38.7	124.8
210	97	59	46	47.3	128.1
220	111	63	47	55.8	132.0
230	123	66	49	62.9	162.0
240	133	70	49	68.7	111.4
250	142	74	50	75.1	116.0
260	150	77	50	81.2	121.8
270	155	81	51	85.2	136.7
280	160	84	51	90.2	162.0
290	167	87	51	97.2	147.0
300	170	90	52	100.7	155.0
310	174	92	52	105.8	143.6
320	178	95	52	109.4	131.7
330	180	97	52	111.8	126.8
340	182	99	52	114.8	126.0
350	184	100	52	116.9	141.8
360	186	101	52	119.6	101.4
370	188	102	53	123.0	109.4
380	189	103	53	123.3	138.4
390	190	104	53	124.4	128.0
400	191	105	53	125.5	144.5
410	191	105	53	126.3	129.5
420	192	105	53	126.8	126.0
430	193	106	53	128.1	132.1
440	193	106	52	128.8	137.0
450	193	107	52	128.8	140.5
460	193	107	52	128.6	132.0
470	193	107	52	128.5	120.0
480	194	107	52	129.3	135.0
490	194	107	52	130.2	137.3
500	194	107	52	130.2	125.5
510	194	107	52	130.2	129.5
520	195	108	52	131.0	134.7
530	195	108	52	131.0	143.4
540	195	108	52	131.8	139.3
550	196	108	52	132.5	137.7
560	196	108	53	132.5	146.3
570	196	108	53	132.4	116.3
580	196	108	53	132.2	120.9
590	196	108	53	132.2	133.5
600	196	108	53	132.2	133.5
610	196	108	53	132.2	137.1
620	196	108	53	132.2	115.8
630	196	108	53	132.1	109.2
640	196	107	53	132.1	131.3
650	196	107	53	131.9	111.4
660	195	107	54	131.1	111.4
670	195	107	54	130.9	126.4
680	195	107	54	130.1	111.4
690	195	107	53	130.1	116.0
700	194	107	53	130.0	120.7
710	194	107	53	130.1	120.7
720	194	107	53	129.4	114.6
730	-	-	-	-	117.4
740	-	-	-	-	135.0
750	-	-	-	-	108.6
760	-	-	-	-	108.6
770	-	-	-	-	108.6
780	197	108	53	134.4	98.3
790	-	-	-	-	105.4
800	-	-	-	-	134.4
810	-	-	-	-	122.4
820	-	-	-	-	118.6
830	-	-	-	-	114.2
840	198	108	52	135.3	114.4
850	-	-	-	-	126.4
860	-	-	-	-	111.4
870	-	-	-	-	116.0
880	-	-	-	-	121.8
890	-	-	-	-	124.4
900	196	107	52	131.7	107.4
910	-	-	-	-	107.4
920	-	-	-	-	107.4
930	-	-	-	-	113.6
940	-	-	-	-	116.3
950	-	-	-	-	116.3
960	194	106	52	129.5	113.8
970	-	-	-	-	116.0
980	-	-	-	-	119.7
990	-	-	-	-	115.7
1000	-	-	-	-	112.4
1010	-	-	-	-	114.5
1020	194	106	52	128.9	129.5
1030	-	-	-	-	112.4
1040	-	-	-	-	111.4
1050	-	-	-	-	111.4
1060	-	-	-	-	121.6
1070	-	-	-	-	119.0
1080	194	105	52	129.0	119.3
1090	-	-	-	-	131.3
1100	-	-	-	-	131.3
1110	-	-	-	-	126.6
1120	-	-	-	-	125.5
1130	-	-	-	-	127.5
1140	194	105	52	129.8	124.3
1150	-	-	-	-	117.9
1160	-	-	-	-	115.6
1170	-	-	-	-	129.5
1180	-	-	-	-	104.5
1190	-	-	-	-	112.3
1200	194	106	52	129.8	135.0
1210	-	-	-	-	135.0
1220	-	-	-	-	112.5
1230	-	-	-	-	105.0
1240	-	-	-	-	120.0
1250	-	-	-	-	120.0
1260	194	105	52	129.8	125.0
1270	-	-	-	-	128.9
1280	-	-	-	-	124.3
1290	-	-	-	-	118.7
1300	-	-	-	-	131.3
1310	-	-	-	-	131.3
1320	194	105	52	129.8	118.1
1330	-	-	-	-	150.0
1340	-	-	-	-	110.0
1350	-	-	-	-	107.5
1360	-	-	-	-	120.0
1370	-	-	-	-	114.2
1380	194	105	52	129.8	118.3
1390	-	-	-	-	115.7
1400	-	-	-	-	111.4
1410	-	-	-	-	111.4
1420	-	-	-	-	111.4
1430	-	-	-	-	111.4
1440	194	105	52	129.6	141.4
1450	-	-	-	-	101.4
1460	-	-	-	-	84.7
1470	-	-	-	-	82.9
1480	-	-	-	-	77.1
1490	-	-	-	-	70.7
1500	193	105	51	126.8	67.9
1510	-	-	-	-	67.9
1520	-	-	-	-	7.9
1530	-	-	-	-	7.9
1540	-	-	-	-	7.9
1550	-	-	-	-	7.9
1560	185	93	41	110.9	7.9
1570	-	-	-	-	7.9
1580	-	-	-	-	7.9
1590	-	-	-	-	7.9
1600	-	-	-	-	7.9
1610	-	-	-	-	7.9
1620	167	76	30	82.6	7.9
1630	-	-	-	-	7.9
1640	-	-	-	-	7.9
1650	-	-	-	-	7.9
1660	-	-	-	-	7.9
1670	-	-	-	-	7.9
1680	146	60	21	57.6	7.9
1740	128	47	16	40.4	0.
1800	112	38	16	29.1	0.
1860	101	33	13	22.7	0.
1920	92	29	12	17.7	0.
1980	85	25	11	15.0	0.
2040	79	22	10	12.2	0.
2100	73	20	9	10.0	0.
2160	69	18	8	8.4	0.
2220	64	16	8	7.1	0.
2280	60	15	8	6.1	0.
2340	57	14	8	5.2	0.
2400	54	12	7	4.6	0.
2460	52	11	7	4.3	0.
2520	49	11	7	3.8	0.
2580	48	11	7	3.6	0.
2640	46	10	7	3.7	0.

資料 3.2　流出量・降雨量および水路水位

DISCHARGE & R.I., 1 -4 -1, 521122, 1=100 0 AREA=636.M**2 QMAX= 91.8MM/H 1 -4 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	25	5	7	0.8	23.0
10	25	5	7	0.6	23.0
20	24	5	7	0.6	23.0
30	24	5	7	0.6	23.0
40	24	5	7	0.6	23.0
50	24	5	8	0.9	23.0
60	24	5	7	1.1	23.0
70	24	6	7	1.1	23.0
80	25	6	7	1.3	23.0
90	25	6	7	1.3	23.0
100	25	7	8	1.3	23.0
110	26	7	8	1.6	23.0
120	26	7	9	1.8	32.9
130	26	9	10	2.1	64.5
140	27	9	13	2.5	69.9
150	28	10	16	3.5	73.6
160	29	12	19	4.8	88.2
170	30	15	21	5.2	92.3
180	33	18	24	6.7	96.7
190	37	21	26	9.6	86.7
200	40	26	30	12.3	84.2
210	44	30	34	15.4	74.2
220	53	36	34	19.4	71.4
230	62	41	36	25.2	71.3
240	72	45	37	30.2	71.9
250	84	51	54	35.2	73.1
260	97	54	39	41.9	73.9
270	106	58	39	47.0	78.9
280	116	61	40	51.6	87.0
290	125	63	40	56.0	81.9
300	131	65	41	60.6	80.3
310	135	67	41	61.4	82.2
320	139	68	41	64.2	82.7
330	144	70	41	67.9	82.7
340	146	73	42	69.4	82.7
350	150	74	42	73.0	88.2
360	152	76	42	74.9	86.6
370	154	77	42	76.3	82.7
380	156	77	43	78.3	79.1
390	158	78	44	80.6	73.5
400	159	79	43	81.5	73.5
410	160	79	43	82.3	81.0
420	162	80	43	84.9	81.0
430	163	80	43	85.5	76.2
440	164	80	43	86.6	75.5
450	164	80	43	86.5	74.1
460	165	81	43	87.9	73.7
470	166	81	43	88.2	80.7
480	166	81	43	88.4	87.8
490	167	81	43	89.3	85.9
500	167	81	43	89.2	85.3
510	168	81	43	89.3	91.5
520	168	81	43	89.0	88.0
530	168	81	43	88.8	82.5
540	164	82	43	83.5	80.8
550	164	82	43	83.6	79.6
560	163	82	43	83.1	78.5
570	163	82	43	84.3	77.5
580	164	82	43	85.0	80.3
590	164	82	43	86.0	88.3
600	164	84	43	86.6	82.8
610	164	84	43	86.8	79.2
620	165	84	43	88.2	81.8
630	167	84	43	90.9	84.2
640	168	84	43	92.4	78.4
650	169	84	43	93.3	76.2
660	170	84	42	93.1	74.7
670	170	84	42	94.4	72.5
680	170	84	42	94.3	73.1
690	169	84	42	93.0	81.4
700	170	84	42	93.3	81.7
710	173	84	42	97.4	81.7
720	173	85	43	98.3	82.9
730	-	-	-	-	93.0
740	-	-	-	-	86.7
750	-	-	-	-	85.1
760	-	-	-	-	78.7
770	-	-	-	-	77.1
780	171	84	44	94.7	86.1
790	-	-	-	-	86.3
800	-	-	-	-	75.5
810	-	-	-	-	75.5
820	-	-	-	-	77.5
830	-	-	-	-	77.5
840	170	84	42	93.4	90.8
850	-	-	-	-	90.7
860	-	-	-	-	75.5
870	-	-	-	-	75.5
880	-	-	-	-	82.8
890	-	-	-	-	86.7
900	169	83	42	91.6	85.4
910	-	-	-	-	84.7
920	-	-	-	-	84.7
930	-	-	-	-	82.2
940	-	-	-	-	77.7
950	-	-	-	-	75.9
960	169	83	42	91.8	77.0
970	-	-	-	-	81.7
980	-	-	-	-	81.4
990	-	-	-	-	78.4
1000	-	-	-	-	78.4
1010	-	-	-	-	93.8
1020	169	83	42	91.8	92.4
1030	-	-	-	-	90.4
1040	-	-	-	-	86.5
1050	-	-	-	-	84.9
1060	-	-	-	-	78.3
1070	-	-	-	-	76.6
1080	169	83	43	91.8	77.0
1090	-	-	-	-	78.9
1100	-	-	-	-	75.0
1110	-	-	-	-	69.3
1120	-	-	-	-	69.3
1130	-	-	-	-	76.0
1140	169	83	43	91.8	78.9
1150	-	-	-	-	80.1
1160	-	-	-	-	81.0
1170	-	-	-	-	77.5
1180	-	-	-	-	79.1
1190	-	-	-	-	79.7
1200	169	83	42	91.8	80.9
1210	-	-	-	-	81.1
1220	-	-	-	-	81.2
1230	-	-	-	-	79.6
1240	-	-	-	-	77.6
1250	-	-	-	-	77.6
1260	169	83	42	91.8	89.9
1270	-	-	-	-	93.0
1280	-	-	-	-	93.0
1290	-	-	-	-	89.2
1300	-	-	-	-	86.7
1310	-	-	-	-	82.7
1320	169	83	43	91.8	83.4
1330	-	-	-	-	82.4
1340	-	-	-	-	82.0
1350	-	-	-	-	85.1
1360	-	-	-	-	87.7
1370	-	-	-	-	105.9
1380	169	83	43	91.8	107.0
1390	-	-	-	-	104.4
1400	-	-	-	-	100.3
1410	-	-	-	-	98.4
1420	-	-	-	-	91.0
1430	-	-	-	-	86.1
1440	169	83	43	91.8	84.0
1450	-	-	-	-	81.0
1460	-	-	-	-	99.1
1470	-	-	-	-	105.9
1480	-	-	-	-	105.9
1490	-	-	-	-	52.9
1500	169	83	40	90.8	16.4
1510	-	-	-	-	7.3
1520	-	-	-	-	7.3
1530	-	-	-	-	7.3
1540	-	-	-	-	7.3
1550	-	-	-	-	7.3
1560	162	75	30	79.8	7.3
1570	-	-	-	-	7.3
1580	-	-	-	-	7.3
1590	-	-	-	-	7.3
1600	-	-	-	-	7.3
1610	-	-	-	-	7.3
1620	148	62	21	61.5	12.9
1630	-	-	-	-	21.4
1640	-	-	-	-	21.4
1650	-	-	-	-	21.4
1680	131	50	18	43.7	0.
1740	116	41	17	33.5	0.
1800	115	36	16	32.3	0.
1860	97	32	14	19.1	0.
1920	90	29	13	17.2	0.
1980	84	25	11	14.5	0.
2040	79	23	10	12.3	0.
2100	74	21	9	10.5	0.
2160	70	19	8	9.3	0.
2220	67	18	9	8.1	0.
2280	63	17	8	6.8	0.
2340	59	15	7	6.1	0.
2400	57	14	7	5.6	0.
2460	55	13	7	5.6	0.

資料 3.3　流出量・降雨量および水路水位

DISCHARGE & R.I.,　2 -1 -1,　521124,　1 -70　0 AREA=636.M**2　QMAX= 70.0MM/H　　2 -1 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	2	6	9	0.0	29.3	540	152	74	46	70.3	65.8	1080	152	75	45	70.0	58.3	1800	97	35	25	20.2	0.
10	2	6	9	0.0	29.3	550	152	75	46	70.2	64.5	1090	-	-	-	-	58.1	1860	87	33	23	15.9	0.
20	2	6	9	0.0	29.3	560	152	75	46	70.0	63.2	1100	-	-	-	-	56.4	1920	84	29	22	14.8	0.
30	2	6	9	0.0	29.3	570	152	75	46	70.0	63.2	1110	-	-	-	-	57.3	1980	78	27	21	12.0	0.
40	2	6	9	0.0	29.3	580	152	75	46	70.0	63.9	1120	-	-	-	-	57.5	2040	73	24	19	10.1	0.
50	2	6	9	0.0	29.3	590	152	75	46	70.0	71.8	1130	-	-	-	-	60.3	2100	69	23	18	8.6	0.
60	2	6	9	0.2	29.3	600	152	75	45	70.0	70.7	1140	152	75	45	70.0	72.6	2160	65	21	18	7.2	0.
70	2	6	10	0.2	29.3	610	152	75	45	70.0	67.1	1150	-	-	-	-	72.6	2220	60	23	17	5.9	0.
80	2	6	10	0.2	29.7	620	152	75	45	70.0	65.4	1160	-	-	-	-	76.8	2280	57	19	16	5.1	0.
90	2	6	11	0.3	30.9	630	152	75	44	70.0	60.2	1170	-	-	-	-	80.5	2340	53	17	16	4.4	0.
100	2	7	11	0.3	37.9	640	152	75	44	70.0	59.2	1180	-	-	-	-	78.3	2400	51	17	16	4.0	0.
110	2	7	11	0.3	40.5	650	152	75	44	70.0	62.4	1190	-	-	-	-	73.3	2460	48	16	16	3.5	0.
120	3	7	12	0.2	40.5	660	152	75	44	70.0	62.1	1200	152	75	45	70.0	72.3	2520	47	15	16	3.3	0.
130	3	7	14	0.3	43.8	670	152	75	44	70.0	66.7	1210	-	-	-	-	71.7	2580	45	14	16	2.8	0.
140	3	8	15	0.8	44.6	680	152	75	44	70.0	71.6	1220	-	-	-	-	77.5	2640	43	14	16	2.4	0.
150	3	8	16	0.8	44.3	690	152	75	44	70.0	72.1	1230	-	-	-	-	76.0	2700	40	13	16	2.2	0.
160	3	9	18	0.8	43.0	700	152	75	44	70.0	68.0	1240	-	-	-	-	65.9	2760	40	13	16	2.2	0.
170	5	9	20	0.9	46.5	710	152	75	44	70.0	67.1	1250	-	-	-	-	59.9	2820	38	13	16	1.7	0.
180	5	10	22	1.4	52.4	720	152	75	44	70.0	67.1	1260	152	75	45	70.0	59.9	2880	36	12	16	1.7	0.
190	5	12	24	1.9	53.2	730	-	-	-	-	67.8	1270	-	-	-	-	59.7	2940	35	12	16	1.7	0.
200	6	13	27	2.9	57.0	740	-	-	-	-	61.9	1280	-	-	-	-	59.3	3000	35	15	16	1.6	0.
210	7	16	29	3.4	60.5	750	-	-	-	-	60.3	1290	-	-	-	-	59.1	3060	33	11	16	1.4	0.
220	9	18	31	5.0	61.5	760	-	-	-	-	59.7	1300	-	-	-	-	61.2	3120	33	11	16	1.4	0.
230	14	21	33	6.5	65.5	770	-	-	-	-	58.7	1310	-	-	-	-	59.3	3180	32	11	16	1.3	0.
240	16	24	34	9.0	64.7	780	152	75	44	70.0	59.1	1320	152	75	45	70.0	56.9	3240	31	11	16	1.3	0.
250	21	28	36	11.0	63.9	790	-	-	-	-	59.6	1330	-	-	-	-	54.6	3300	31	10	16	1.2	0.
260	26	33	38	13.5	64.5	800	-	-	-	-	64.4	1340	-	-	-	-	56.7	3360	30	10	16	1.0	0.
270	36	41	39	17.3	66.2	810	-	-	-	-	65.7	1350	-	-	-	-	62.6	3420	29	10	16	1.0	0.
280	43	42	40	20.5	63.6	820	-	-	-	-	65.6	1360	-	-	-	-	72.0	3480	29	10	16	1.1	0.
290	55	45	41	24.7	61.0	830	-	-	-	-	63.8	1370	-	-	-	-	70.8	3540	28	10	16	1.0	0.
300	66	47	41	27.8	59.0	840	152	75	45	70.0	63.4	1380	152	75	45	70.0	73.0	3600	28	10	16	0.9	0.
310	78	50	42	32.8	59.5	850	-	-	-	-	60.8	1390	-	-	-	-	74.2	3660	27	10	16	0.8	0.
320	88	53	42	36.1	59.0	860	-	-	-	-	59.7	1400	-	-	-	-	77.2	3720	26	10	16	0.7	0.
330	97	55	44	39.3	58.6	870	-	-	-	-	60.9	1410	-	-	-	-	71.8	3780	26	10	16	0.9	0.
340	106	57	44	43.1	60.7	880	-	-	-	-	60.9	1420	-	-	-	-	63.4						
350	114	60	45	46.9	64.8	890	-	-	-	-	59.0	1430	-	-	-	-	62.9						
360	119	61	45	49.7	65.2	900	152	75	44	70.0	56.6	1440	152	75	45	70.0	64.5						
370	123	63	46	51.0	62.7	910	-	-	-	-	58.1	1450	-	-	-	-	64.8						
380	129	65	46	53.6	62.0	920	-	-	-	-	60.9	1460	-	-	-	-	54.1						
390	133	66	47	56.6	62.0	930	-	-	-	-	62.6	1470	-	-	-	-	48.5						
400	136	67	46	58.5	60.6	940	-	-	-	-	66.3	1480	-	-	-	-	47.1						
410	138	68	46	59.4	63.3	950	-	-	-	-	66.3	1490	-	-	-	-	47.1						
420	141	69	46	62.0	63.3	960	152	75	45	70.0	65.3	1500	152	73	45	69.3	35.0						
430	142	70	46	62.4	61.7	970	-	-	-	-	63.7	1510	-	-	-	-	35.9						
440	143	71	46	63.7	59.3	980	-	-	-	-	63.7	1520	-	-	-	-	31.2						
450	146	71	46	65.6	59.3	990	-	-	-	-	67.3	1530	-	-	-	-	26.5						
460	147	71	46	66.7	59.3	1000	-	-	-	-	71.6	1540	-	-	-	-	26.5						
470	148	72	46	67.5	67.9	1010	-	-	-	-	69.8	1550	-	-	-	-	26.5						
480	148	73	46	67.6	69.0	1020	152	75	45	70.0	66.2	1560	147	64	37	61.6	26.5						
490	149	73	46	68.5	68.1	1030	-	-	-	-	66.8	1570	-	-	-	-	16.7						
500	150	73	46	69.0	61.6	1040	-	-	-	-	68.6	1580	-	-	-	-	16.7						
510	151	74	46	69.9	61.6	1050	-	-	-	-	70.6	1620	133	53	33	46.2	0.						
520	151	74	46	70.2	63.2	1060	-	-	-	-	70.3	1680	117	44	29	33.1	0.						
530	152	74	46	70.6	65.4	1070	-	-	-	-	62.6	1740	106	40	27	26.0	0.						

資料 3.4　流出量・降雨量および水路水位

DISCHARGE & R.I. 2 -2 -1, 521124, 1 -50 0 AREA=636.M**2 QMAX= 50.6MM/H 2 -2 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	8	11	0.7	15.8	540	131	64	35	49.3	52.6	1080	133	64	34	50.1	43.4	1860	91	34	20	17.6	0.
10	24	8	11	1.0	15.8	550	131	64	35	49.0	51.6	1090	-	-	-	-	43.4	1920	85	31	19	14.8	0.
20	24	8	11	0.9	15.8	560	131	64	35	48.9	49.4	1100	-	-	-	-	45.1	1980	79	28	18	12.5	0.
30	24	8	10	0.3	15.8	570	132	64	35	49.8	47.4	1110	-	-	-	-	47.2	2040	75	26	17	10.9	0.
40	24	8	10	0.3	15.8	580	132	64	35	49.8	47.4	1120	-	-	-	-	47.2	2100	71	24	15	9.3	0.
50	24	8	10	0.3	15.8	590	132	64	35	49.8	46.7	1130	-	-	-	-	46.6	2160	66	22	14	7.8	0.
60	22	8	10	0.2	15.8	600	133	64	35	50.6	47.9	1140	133	64	34	50.1	42.2	2220	63	20	13	6.8	0.
70	22	8	10	0.2	15.8	610	133	64	35	50.6	49.7	1150	-	-	-	-	43.6	2280	59	20	18	5.7	0.
80	22	8	10	0.2	15.8	620	133	64	35	50.6	49.7	1160	-	-	-	-	43.8	2340	56	18	17	5.1	0.
90	23	8	10	0.8	15.8	630	133	64	35	50.6	49.7	1170	-	-	-	-	44.7	2400	52	16	17	4.2	0.
100	23	8	10	0.8	15.8	640	133	64	35	50.6	49.6	1180	-	-	-	-	46.1	2460	51	16	17	4.1	0.
110	23	8	10	0.8	15.8	650	133	64	35	50.6	48.8	1190	-	-	-	-	44.2	2520	48	14	16	3.5	0.
120	23	9	10	0.7	15.8	660	133	64	35	50.1	48.6	1200	133	64	34	50.1	43.6	2580	46	14	16	3.2	0.
130	23	9	10	1.0	15.8	670	133	64	35	50.1	48.0	1210	-	-	-	-	41.8	2640	45	14	16	2.8	0.
140	23	9	10	1.1	32.7	680	133	64	35	50.1	47.9	1220	-	-	-	-	41.8	2700	42	12	11	2.4	0.
150	23	10	11	1.3	34.9	690	133	64	35	50.8	48.8	1230	-	-	-	-	44.3	2760	41	12	11	2.4	0.
160	24	11	12	1.7	34.9	700	133	64	35	50.7	49.9	1240	-	-	-	-	46.8	2820	39	12	11	1.9	0.
170	24	12	12	1.7	35.2	710	133	64	35	50.7	50.3	1250	-	-	-	-	47.6	2880	37	12	11	1.7	0.
180	25	13	13	2.0	36.7	720	133	64	35	50.6	50.3	1260	133	64	35	50.1	47.6	2940	36	10	11	1.8	0.
190	26	15	14	2.3	44.0	730	-	-	-	-	45.7	1270	-	-	-	-	47.6	3000	35	10	11	1.5	0.
200	26	16	15	2.7	43.6	740	-	-	-	-	43.3	1280	-	-	-	-	45.4	3060	34	10	11	1.3	0.
210	27	19	17	3.1	45.4	750	-	-	-	-	43.3	1290	-	-	-	-	45.0	3120	33	10	11	1.3	0.
220	28	20	18	3.6	45.8	760	-	-	-	-	43.3	1300	-	-	-	-	44.6	3180	32	9	11	1.3	0.
230	30	24	20	4.7	45.8	770	-	-	-	-	43.9	1310	-	-	-	-	44.3	3240	31	9	11	1.2	0.
240	32	27	21	5.9	45.5	780	133	64	35	50.6	46.0	1320	133	64	35	50.1	44.6	3300	30	9	11	1.1	0.
250	34	30	21	7.3	47.1	790	-	-	-	-	47.2	1330	-	-	-	-	47.9	3360	30	9	11	1.0	0.
260	37	32	23	8.6	47.6	800	-	-	-	-	46.1	1340	-	-	-	-	47.9	3420	29	9	11	0.9	0.
270	41	34	24	10.5	48.6	810	-	-	-	-	43.7	1350	-	-	-	-	47.2	3480	28	9	11	1.0	0.
280	46	37	25	12.5	49.0	820	-	-	-	-	42.1	1360	-	-	-	-	46.2	3540	28	9	11	0.8	0.
290	51	40	26	14.8	48.2	830	-	-	-	-	39.7	1370	-	-	-	-	43.2	3600	27	9	11	0.8	0.
300	57	41	27	16.9	48.0	840	133	64	34	50.4	39.7	1380	133	64	34	50.3	43.9	3660	26	9	11	0.9	0.
310	62	44	28	18.5	48.5	850	-	-	-	-	39.7	1390	-	-	-	-	45.6	3720	26	9	11	0.9	0.
320	69	45	29	20.8	48.5	860	-	-	-	-	39.7	1400	-	-	-	-	45.6	3780	26	9	11	0.9	0.
330	76	47	30	23.7	49.5	870	-	-	-	-	39.7	1410	-	-	-	-	46.3	3840	26	9	11	0.7	0.
340	81	48	30	25.4	54.1	880	-	-	-	-	43.2	1420	-	-	-	-	48.2	3900	25	9	11	0.7	0.
350	86	50	31	27.0	54.7	890	-	-	-	-	45.2	1430	-	-	-	-	47.6	3960	25	9	11	0.7	0.
360	92	52	31	29.1	54.7	900	132	64	34	49.6	46.4	1440	134	64	34	51.3	47.6	4020	25	9	11	0.7	0.
370	96	52	32	30.9	53.0	910	-	-	-	-	46.4	1450	-	-	-	-	46.8	4080	24	9	11	0.7	0.
380	101	54	33	33.2	51.0	920	-	-	-	-	44.4	1460	-	-	-	-	45.6	4140	24	9	11	0.7	0.
390	104	56	33	34.4	49.2	930	-	-	-	-	43.6	1470	-	-	-	-	45.9	4200	24	9	11	0.7	0.
400	108	56	33	36.3	47.6	940	-	-	-	-	43.5	1480	-	-	-	-	45.9						
410	111	57	33	37.7	47.8	950	-	-	-	-	43.5	1490	-	-	-	-	45.8						
420	114	59	34	39.2	47.8	960	133	64	34	50.2	43.5	1500	134	64	34	51.6	46.6						
430	116	59	34	40.7	49.4	970	-	-	-	-	45.3	1510	-	-	-	-	47.3						
440	117	60	34	40.7	49.1	980	-	-	-	-	46.1	1520	-	-	-	-	47.3						
450	120	60	34	42.5	49.1	990	-	-	-	-	46.1	1530	-	-	-	-	27.7						
460	122	61	34	43.7	50.0	1000	-	-	-	-	45.4	1540	-	-	-	-	11.5						
470	123	62	35	44.6	50.9	1010	-	-	-	-	46.2	1550	-	-	-	-	11.5						
480	125	62	35	45.8	50.6	1020	133	64	34	50.1	46.5	1560	134	63	34	50.3	11.5						
490	126	62	35	46.4	50.6	1030	-	-	-	-	46.6	1570	-	-	-	-	11.5						
500	127	63	35	47.1	49.8	1040	-	-	-	-	47.0	1620	129	56	30	44.7	0.						
510	128	63	35	47.7	49.5	1050	-	-	-	-	42.1	1680	119	48	26	35.2	0.						
520	129	63	35	48.3	53.0	1060	-	-	-	-	44.0	1740	108	43	23	27.6	0.						
530	130	64	35	48.4	52.2	1070	-	-	-	-	43.5	1800	100	37	21	22.6	0.						

DISCHARGE & R.I.　2 -3 -1,　521124,　1 -20　0 AREA=636.M**2　QMAX= 19.4MM/H　　2 -3 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	12	7	10	0.2	15.6	540	73	32	21	14.4	35.9	1080	90	36	23	19.4	28.3	1620	88	36	21	18.0	18.0
10	12	7	10	0.2	15.6	550	75	32	21	14.5	35.9	1090	-	-	-	-	29.9	1630	-	-	-	-	18.6
20	12	7	10	-0.0	15.6	560	76	33	21	14.6	35.9	1100	-	-	-	-	29.9	1640	-	-	-	-	18.6
30	12	7	10	-0.0	15.6	570	77	33	21	15.4	32.4	1110	-	-	-	-	29.9	1650	-	-	-	-	18.6
40	12	7	10	-0.0	15.6	580	78	34	21	15.3	32.0	1120	-	-	-	-	29.8	1660	-	-	-	-	18.6
50	12	7	10	-0.0	15.6	590	79	34	21	15.6	31.7	1130	-	-	-	-	29.2	1670	-	-	-	-	18.6
60	12	7	10	-0.0	15.6	600	80	34	22	16.1	31.1	1140	90	36	23	19.4	29.2	1680	88	36	22	18.5	20.2
70	12	7	10	-0.0	15.6	610	81	34	22	16.4	29.2	1150	-	-	-	-	29.2	1690	-	-	-	-	20.2
80	12	7	10	0.1	15.6	620	81	34	22	16.2	30.8	1160	-	-	-	-	28.8	1700	-	-	-	-	18.8
90	12	7	10	0.1	15.6	630	82	35	22	16.7	32.4	1170	-	-	-	-	26.9	1710	-	-	-	-	18.8
100	12	7	10	0.3	15.6	640	82	35	22	16.4	32.4	1180	-	-	-	-	24.7	1720	-	-	-	-	18.8
110	12	8	10	0.3	15.6	650	83	35	22	16.7	32.4	1190	-	-	-	-	24.8	1730	-	-	-	-	18.8
120	12	8	10	0.3	15.6	660	84	35	22	17.3	31.5	1200	90	36	22	19.4	24.8	1740	89	36	22	18.7	18.8
130	12	8	10	0.3	15.6	670	84	35	22	17.3	29.4	1210	-	-	-	-	24.8	1750	-	-	-	-	18.8
140	12	8	11	0.3	22.9	680	85	36	22	17.5	29.4	1220	-	-	-	-	24.8	1760	-	-	-	-	18.8
150	12	8	11	0.5	29.1	690	85	36	22	17.3	29.4	1230	-	-	-	-	24.8	1770	-	-	-	-	19.3
160	12	8	12	0.5	29.7	700	85	36	22	17.3	33.5	1240	-	-	-	-	25.4	1780	-	-	-	-	21.6
170	12	8	12	0.5	29.7	710	86	36	22	17.5	37.1	1250	-	-	-	-	26.0	1790	-	-	-	-	20.9
180	13	8	12	0.6	25.3	720	86	36	22	17.4	39.7	1260	90	36	22	19.4	26.0	1800	89	36	22	18.6	20.7
190	13	8	13	1.0	25.3	730	-	-	-	-	39.7	1270	-	-	-	-	25.7	1810	-	-	-	-	20.7
200	13	8	14	1.1	25.3	740	-	-	-	-	39.7	1280	-	-	-	-	25.0	1820	-	-	-	-	14.6
210	14	8	14	1.1	25.3	750	-	-	-	-	39.7	1290	-	-	-	-	24.7	1830	-	-	-	-	14.6
220	15	8	15	1.2	26.4	760	-	-	-	-	33.6	1300	-	-	-	-	24.5	1840	-	-	-	-	11.5
230	15	9	15	1.3	31.9	770	-	-	-	-	26.3	1310	-	-	-	-	25.5	1850	-	-	-	-	8.4
240	16	9	15	1.3	31.9	780	87	36	22	17.8	26.3	1320	90	36	22	19.4	25.5	1860	89	36	22	18.6	8.4
250	16	10	15	1.2	31.9	790	-	-	-	-	26.3	1330	-	-	-	-	25.5	1870	-	-	-	-	8.4
260	17	11	16	1.4	31.9	800	-	-	-	-	26.8	1340	-	-	-	-	24.8	1880	-	-	-	-	8.4
270	17	11	16	1.7	26.0	810	-	-	-	-	27.8	1350	-	-	-	-	23.0	1890	-	-	-	-	2.8
280	18	12	17	1.7	26.0	820	-	-	-	-	28.5	1360	-	-	-	-	23.0	1900	-	-	-	-	2.8
290	19	12	17	2.0	26.0	830	-	-	-	-	28.5	1370	-	-	-	-	23.0	1910	-	-	-	-	2.8
300	20	12	17	2.2	26.0	840	87	36	22	18.2	28.5	1380	90	36	22	19.4	23.0	1920	88	36	22	18.1	2.8
310	21	14	18	2.5	24.9	850	-	-	-	-	28.5	1390	-	-	-	-	23.0	1930	-	-	-	-	2.8
320	22	15	18	2.7	23.9	860	-	-	-	-	24.8	1400	-	-	-	-	19.4	1940	-	-	-	-	2.8
330	23	16	18	3.0	22.5	870	-	-	-	-	24.4	1410	-	-	-	-	20.2	1950	-	-	-	-	2.8
340	24	17	18	3.4	22.5	880	-	-	-	-	24.2	1420	-	-	-	-	20.5	1960	-	-	-	-	2.8
350	26	19	19	3.8	22.5	890	-	-	-	-	23.8	1430	-	-	-	-	20.5	1970	-	-	-	-	2.8
360	28	19	19	4.6	22.5	900	89	36	22	19.0	23.8	1440	90	36	22	19.3	20.5	1980	87	34	20	17.0	2.8
370	29	20	19	4.8	22.5	910	-	-	-	-	23.5	1450	-	-	-	-	20.5	1990	-	-	-	-	2.8
380	31	21	19	5.3	22.5	920	-	-	-	-	23.8	1460	-	-	-	-	20.3	2000	-	-	-	-	2.8
390	34	23	19	5.9	22.9	930	-	-	-	-	25.0	1470	-	-	-	-	20.3	2010	-	-	-	-	2.8
400	36	24	20	6.4	23.8	940	-	-	-	-	25.0	1480	-	-	-	-	21.5	2020	-	-	-	-	2.8
410	38	24	20	7.0	25.2	950	-	-	-	-	25.0	1490	-	-	-	-	22.8	2030	-	-	-	-	2.8
420	41	26	20	7.6	27.6	960	90	36	23	19.4	25.0	1500	90	36	22	19.0	22.8	2040	84	31	18	15.2	2.8
430	44	27	20	8.5	27.8	970	-	-	-	-	24.9	1510	-	-	-	-	22.5	2050	-	-	-	-	2.8
440	46	28	20	9.3	27.8	980	-	-	-	-	23.6	1520	-	-	-	-	22.3	2100	79	28	17	12.4	0.
450	50	28	20	9.7	29.0	990	-	-	-	-	23.2	1530	-	-	-	-	22.3	2160	73	27	16	10.1	0.
460	53	28	20	10.7	34.2	1000	-	-	-	-	23.2	1540	-	-	-	-	20.8	2220	69	24	15	8.9	0.
470	56	29	21	12.2	34.2	1010	-	-	-	-	23.2	1550	-	-	-	-	17.1	2280	65	22	14	7.4	0.
480	58	29	21	12.3	34.2	1020	90	36	23	19.5	23.2	1560	89	36	22	18.6	17.1	2340	61	20	14	6.1	0.
490	62	30	21	13.1	34.4	1030	-	-	-	-	23.2	1570	-	-	-	-	17.1	2400	57	19	13	5.4	0.
500	66	30	21	14.0	33.5	1040	-	-	-	-	25.7	1580	-	-	-	-	17.1	2460	55	18	13	4.8	0.
510	68	31	21	14.3	33.4	1050	-	-	-	-	31.7	1590	-	-	-	-	17.1	2520	52	16	13	4.2	0.
520	71	32	21	14.8	34.2	1060	-	-	-	-	33.6	1600	-	-	-	-	17.1	2580	50	16	12	3.9	0.
530	72	32	21	14.1	36.1	1070	-	-	-	-	33.6	1610	-	-	-	-	17.1	2640	48	16	12	3.6	0.

資料 3.6　流出量・降雨量および水路水位

DISCHARGE & R.I. 2 -3 -1, 521124, 1 -20 0 AREA=636.M**2 QMAX= 19.4MM/H 2 -3 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2700	47	15	12	3.5	0.																		
2760	45	14	12	3.1	0.																		
2820	44	14	12	2.8	0.																		
2880	42	13	12	2.5	0.																		
2940	41	12	11	2.4	0.																		
3000	40	12	11	2.4	0.																		
3060	39	12	11	2.0	0.																		
3120	37	11	11	1.7	0.																		
3180	36	11	11	1.7	0.																		
3240	35	11	11	1.7	0.																		
3300	34	10	11	1.4	0.																		
3360	33	10	11	1.4	0.																		
3420	33	10	11	1.5	0.																		
3480	32	10	11	1.3	0.																		
3540	31	10	11	1.2	0.																		
3600	30	10	11	1.3	0.																		

資料 3.7　流出量・降雨量および水路水位

DISCHARGE & R.I.　2 -4 -1,　521124,　3-150-180 AREA=636.M**2　QMAX=133.3MM/H　2 -4 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	8	8	0.9	31.3	540	196	119	58	133.0	142.9	1080	189	109	49	117.7	90.0	1620	-73	-136	-44	-75.5	21.8
10	26	8	9	0.9	31.3	550	196	119	58	132.3	125.2	1090	188	107	50	116.4	93.3	1630	-73	-136	-44	0.0	21.8
20	26	8	9	0.5	31.3	560	195	119	58	131.8	110.8	1100	186	105	52	114.5	106.7	1640	-73	-136	-44	0.0	21.8
30	26	8	9	0.6	31.3	570	195	119	58	132.1	117.5	1110	185	105	54	112.8	116.0	1650	-73	-136	-44	0.0	6.0
40	26	8	9	0.4	31.3	580	196	119	59	50.0	125.1	1120	184	105	55	111.7	131.0	1660	-73	-136	-44	0.0	6.0
50	25	8	9	0.8	31.3	590	197	119	59	135.3	118.1	1130	183	105	55	111.5	127.5	1670	-73	-136	-44	0.0	0.
60	25	8	10	1.0	31.3	600	198	121	59	137.3	122.3	1140	183	105	56	111.4	142.6	1680	-73	-136	-44	0.0	0.
70	25	8	10	0.8	31.3	610	-73	122	60	1.5	125.9	1150	183	106	57	112.6	130.0	1690	-73	-136	-44	0.0	0.
80	26	9	11	1.5	41.9	620	199	123	61	139.3	121.6	1160	184	106	59	113.5	121.3	1700	-73	-136	-44	0.0	0.
90	26	9	11	1.7	60.1	630	200	124	61	140.9	149.0	1170	184	108	59	114.6	129.7	1710	-73	-136	-44	0.0	0.
100	26	10	13	2.0	62.7	640	201	125	61	226.0	164.6	1180	185	109	58	115.4	121.0	1720	-73	-136	-44	0.0	0.
110	27	10	15	2.2	69.1	650	202	127	61	145.5	144.9	1190	185	109	58	115.5	125.1	1730	-73	-136	-44	0.0	0.
120	27	11	18	2.9	86.2	660	203	128	60	146.6	166.4	1200	185	110	57	116.5	114.8	1740	-73	-136	-44	0.0	0.
130	28	13	24	4.5	111.1	670	203	129	60	147.5	141.9	1210	186	110	57	117.4	105.3	1750	-73	-136	-44	0.0	0.
140	30	19	28	6.2	150.0	680	204	129	60	148.8	119.6	1220	187	112	57	119.4	100.0	1760	-73	-136	-44	0.0	0.
150	32	23	33	8.3	143.1	690	206	130	61	151.4	108.0	1230	188	111	57	121.2	100.0	1770	-73	-136	-44	0.0	0.
160	37	28	38	11.8	122.2	700	207	130	61	153.2	107.6	1240	189	113	56	122.8	110.0	1780	-73	-136	-44	54.8	0.
170	43	34	42	16.7	113.4	710	207	130	60	152.8	121.3	1250	190	114	57	125.2	105.0	1790	-73	-136	-44	54.3	0.
180	49	42	45	21.9	107.7	720	207	131	60	152.5	124.7	1260	191	115	58	127.0	105.0	1800	-73	-136	20	53.7	0.
190	60	49	47	27.6	124.8	730	207	130	60	153.1	136.2	1270	192	116	58	127.5	122.6	1810	105	42	20	81.3	0.
200	74	57	48	34.5	125.9	740	207	130	60	152.3	134.4	1280	193	117	58	128.7	133.3	1820	103	41	19	80.0	0.
210	89	62	49	42.7	142.9	750	207	130	60	153.1	154.4	1290	194	117	58	131.0	110.2	1830	101	39	19	78.3	0.
220	104	68	50	50.6	150.9	760	207	131	60	153.1	150.8	1300	194	118	59	131.2	104.3	1840	100	38	19	22.3	0.
230	116	71	51	57.4	137.6	770	208	131	60	154.3	138.2	1310	194	118	60	130.9	117.0	1850	99	37	18	21.7	0.
240	127	76	53	64.0	122.2	780	207	131	61	153.4	129.9	1320	195	119	59	131.6	107.6	1860	97	37	18	21.1	0.
250	136	79	54	69.0	131.3	790	208	133	60	154.5	126.6	1330	196	120	59	133.3	107.6	1870	96	36	17	20.6	0.
260	143	84	54	74.7	161.6	800	208	133	61	155.2	140.9	1340	196	121	59	133.4	108.0	1880	95	35	17	19.6	0.
270	151	87	55	81.6	124.4	810	209	133	61	156.3	121.5	1350	197	121	60	135.0	129.6	1890	94	35	17	19.0	0.
280	156	91	56	86.2	118.2	820	209	134	61	157.1	124.9	1360	197	121	60	134.8	128.7	1900	93	34	17	18.5	0.
290	163	95	57	92.8	118.2	830	209	134	62	157.0	140.4	1370	197	121	60	135.5	107.7	1910	91	34	17	17.8	0.
300	167	98	57	96.6	122.6	840	209	135	61	157.0	122.7	1380	197	122	59	135.2	106.2	1920	90	34	16	17.0	0.
310	171	100	57	102.0	128.9	850	209	134	62	156.7	136.2	1390	198	121	59	136.1	105.8	1930	89	33	16	16.3	0.
320	174	103	58	104.1	139.6	860	209	134	61	156.5	142.8	1400	197	121	59	135.1	108.5	1940	88	32	16	16.0	0.
330	177	105	57	108.4	138.6	870	210	135	61	157.3	124.5	1410	197	121	59	135.1	120.0	1950	87	32	15	15.5	0.
340	180	107	57	111.3	135.9	880	209	133	60	156.2	139.5	1420	197	121	58	134.9	127.6	1960	85	31	15	14.6	0.
350	182	108	57	114.0	150.0	890	209	133	60	155.1	124.3	1430	197	120	57	135.1	103.6	1970	84	30	15	14.1	0.
360	183	109	57	115.7	124.5	900	208	132	60	153.6	101.6	1440	197	120	57	135.1	105.6	1980	83	29	14	13.4	0.
370	185	111	57	118.4	144.5	910	208	130	59	152.6	101.6	1450	197	119	58	134.9	109.7	1990	81	28	14	13.0	0.
380	187	112	58	120.5	145.2	920	207	129	59	151.7	129.0	1460	197	119	57	134.9	111.6	2000	80	28	14	12.2	0.
390	188	113	58	122.7	122.9	930	206	127	59	148.6	135.3	1470	197	119	57	134.4	24.3	2010	79	27	14	12.1	0.
400	190	115	58	125.0	120.0	940	205	127	59	147.7	119.4	1480	197	119	57	133.1	24.3	2020	79	27	13	12.0	0.
410	191	115	58	126.3	125.7	950	205	126	60	146.8	113.2	1490	197	118	56	132.5	24.3	2030	77	25	14	11.0	0.
420	192	117	58	127.8	137.7	960	203	127	59	144.4	132.9	1500	195	116	54	129.3	24.3	2040	76	25	13	11.0	0.
430	193	117	59	129.8	134.4	970	203	125	59	143.6	119.5	1510	194	114	52	126.4	24.3	2050	75	25	13	10.4	0.
440	194	117	59	130.5	125.0	980	202	125	60	142.6	113.3	1520	192	112	49	122.3	24.1	2060	74	24	13	10.1	0.
450	195	118	60	132.0	140.0	990	202	125	59	141.9	120.0	1530	190	109	47	118.7	23.0	2070	73	24	13	9.8	0.
460	195	118	59	131.4	130.0	1000	202	125	59	141.7	130.0	1540	188	105	45	115.0	15.0	2080	72	24	13	9.4	0.
470	195	119	60	132.4	126.9	1010	201	123	58	139.5	103.0	1550	185	102	43	110.8	15.0	2090	71	23	13	9.1	0.
480	196	119	59	133.0	126.2	1020	200	122	57	137.4	70.1	1560	183	100	42	106.3	15.0	2100	70	23	12	8.6	0.
490	195	119	59	132.1	126.9	1030	199	120	56	135.0	68.4	1570	180	97	39	26.9	15.0	2110	69	22	12	8.3	0.
500	196	119	59	133.7	130.0	1040	197	119	54	131.3	58.2	1580	177	93	36	23.3	15.0	2120	68	22	12	7.7	0.
510	196	119	59	133.5	120.0	1050	195	115	53	128.3	54.8	1590	173	90	-44	18.3	22.5	2130	67	21	12	7.5	0.
520	196	119	58	133.5	113.3	1060	193	113	51	124.9	54.8	1600	-73	-136	-44	-77.6	30.0	2140	66	20	12	7.4	0.
530	196	119	58	133.0	113.2	1070	191	111	49	121.8	71.3	1610	-73	-136	-44	-76.7	30.0	2150	65	20	12	6.9	0.

資料 3.8　流出量・降雨量および水路水位

DISCHARGE & R.I. 2 -4 -1, 521124, 3-150-180 AREA=636.M**2 QMAX=133.3MM/H 2 -4 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	64	20	12	6.7	0.																		
2170	64	20	12	6.7	0.																		
2180	63	19	12	6.5	0.																		
2190	62	19	12	6.4	0.																		
2200	61	19	12	5.9	0.																		
2210	60	19	12	5.6	0.																		
2220	60	18	12	5.8	0.																		
2230	59	18	12	5.4	0.																		
2240	58	18	12	5.2	0.																		
2250	57	17	12	4.9	0.																		
2260	57	17	12	5.0	0.																		
2270	56	17	11	5.0	0.																		
2280	56	16	11	4.8	0.																		
2290	55	16	11	4.7	0.																		
2300	54	16	11	4.5	0.																		
2310	54	16	11	4.3	0.																		
2320	54	16	11	4.2	0.																		
2330	53	15	11	4.1	0.																		
2340	52	15	11	4.1	0.																		
2350	51	15	11	3.6	0.																		
2360	51	14	11	3.8	0.																		
2370	51	14	11	3.8	0.																		
2380	50	14	11	4.1	0.																		
2390	50	14	11	4.5	0.																		

資料 3.9　流出量・降雨量および水路水位

DISCHARGE & R.I.,　2 -5 -1,　521124,　3 -50-120 AREA=636,M++2　QMAX= 49.9MM/H　　2 -5 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	8	4	1.1	22.2	540	133	64	28	50.6	44.6	1080	158	85	47	81.7	100.6	1620	136	66	27	53.2	51.1
10	28	8	4	0.9	22.2	550	133	63	28	50.3	44.3	1090	160	88	48	83.3	105.3	1630	136	66	27	53.0	53.8
20	28	8	4	0.9	22.2	560	133	64	28	50.3	44.3	1100	162	89	47	85.4	90.0	1640	136	66	28	52.7	56.7
30	27	8	4	0.7	22.2	570	133	64	28	50.4	44.3	1110	163	90	47	86.8	87.6	1650	136	66	27	52.7	56.7
40	27	8	4	0.7	22.2	580	132	65	28	49.5	44.5	1120	165	91	47	88.9	89.0	1660	136	66	27	52.7	53.9
50	27	8	4	0.9	22.2	590	133	65	28	49.8	44.2	1130	166	92	45	89.9	103.5	1670	135	65	27	52.4	51.3
60	27	8	3	1.0	22.2	600	134	66	28	50.9	44.2	1140	167	93	48	91.9	116.7	1680	135	65	27	52.4	48.2
70	27	8	4	1.0	22.2	610	132	65	27	49.7	44.7	1150	169	95	49	94.6	112.2	1690	135	65	27	52.4	48.2
80	27	8	4	0.9	22.2	620	132	64	27	48.9	46.1	1160	170	97	49	95.7	106.3	1700	135	65	27	52.4	49.0
90	27	8	4	1.2	22.2	630	132	64	27	49.0	46.8	1170	172	98	50	98.2	71.1	1710	135	65	27	52.7	52.1
100	27	9	4	1.0	29.8	640	132	65	27	49.5	46.5	1180	173	99	49	99.7	71.5	1720	135	64	27	52.5	52.1
110	27	9	4	1.3	32.0	650	132	63	27	49.2	45.7	1190	173	99	49	99.5	73.1	1730	135	65	27	52.2	52.5
120	27	9	5	1.3	34.1	660	132	63	27	49.2	45.7	1200	176	100	50	103.2	68.5	1740	136	65	27	53.0	49.5
130	27	10	6	1.5	35.1	670	132	63	27	49.3	44.1	1210	176	101	48	102.6	63.9	1750	135	65	27	52.7	50.5
140	28	10	7	1.9	37.6	680	132	64	28	49.3	44.0	1220	177	101	47	103.3	64.7	1760	136	65	27	53.0	52.5
150	28	11	7	1.9	38.2	690	132	64	28	49.8	44.2	1230	176	100	47	101.4	62.1	1770	135	65	27	52.7	52.2
160	29	12	8	2.4	38.2	700	133	63	27	50.4	42.5	1240	176	99	44	100.5	61.8	1780	136	65	27	53.3	56.6
170	29	13	10	2.6	40.0	710	132	64	28	49.8	42.3	1250	176	99	42	100.2	60.6	1790	135	65	27	52.0	55.7
180	30	16	11	3.1	42.0	720	132	64	28	49.7	50.3	1260	175	97	40	98.5	59.8	1800	136	66	27	53.5	54.5
190	31	15	12	4.0	42.0	730	133	64	28	50.0	51.1	1270	174	96	40	97.6	52.7	1810	136	66	27	53.0	49.3
200	33	18	13	5.0	42.0	740	132	64	28	49.5	51.1	1280	174	95	38	96.4	56.0	1820	136	65	27	52.8	30.3
210	34	20	15	6.2	40.7	750	132	64	27	49.8	40.1	1290	172	94	37	94.2	60.2	1830	135	64	27	51.6	13.6
220	37	23	16	7.4	38.8	760	132	64	27	49.7	40.1	1300	171	92	36	92.5	60.8	1840	134	64	26	50.3	13.6
230	40	26	17	9.1	38.8	770	132	64	27	49.2	40.1	1310	170	91	36	90.2	60.8	1850	134	64	25	50.3	9.0
240	44	28	18	11.3	40.5	780	133	64	27	50.1	40.7	1320	168	90	34	88.0	60.2	1860	133	64	24	49.4	4.4
250	48	31	20	12.9	41.8	790	133	64	27	50.3	41.2	1330	167	89	34	85.9	59.3	1870	132	62	24	48.3	4.4
260	54	34	21	15.1	41.8	800	132	64	27	49.8	43.6	1340	166	87	32	84.6	58.1	1880	132	61	23	47.5	4.4
270	60	36	22	17.6	42.6	810	132	64	27	49.5	49.1	1350	164	85	30	81.8	59.2	1890	131	60	22	46.7	4.4
280	66	38	22	19.6	42.8	820	133	64	27	50.1	49.1	1360	162	84	30	79.9	59.0	1900	130	59	21	45.0	4.4
290	72	41	23	21.8	42.8	830	132	63	27	49.7	49.1	1370	161	83	29	77.7	54.9	1910	129	57	21	43.7	4.4
300	78	43	24	24.1	42.8	840	132	63	27	49.7	47.4	1380	159	82	28	75.5	53.7	1920	126	56	20	41.7	4.4
310	83	45	24	25.7	42.6	850	133	63	27	50.0	44.9	1390	157	80	28	73.8	52.2	1930	124	55	19	40.0	4.4
320	89	46	25	27.8	41.5	860	132	64	27	49.8	44.9	1400	155	79	28	71.7	52.2	1940	122	54	19	38.0	4.4
330	94	48	25	30.1	41.1	870	132	63	27	49.7	44.9	1410	154	78	28	70.3	51.5	1950	121	52	18	37.0	4.4
340	98	51	25	31.5	40.6	880	132	63	27	49.5	43.4	1420	153	77	28	69.3	49.2	1960	120	50	17	35.8	4.4
350	102	51	25	33.2	42.0	890	133	64	27	50.0	44.6	1430	153	76	28	69.0	48.8	1970	118	49	17	34.2	4.4
360	106	53	25	34.9	42.2	900	132	63	27	49.7	46.9	1440	150	76	28	65.8	48.3	1980	115	48	16	32.1	4.4
370	109	54	25	36.8	45.1	910	132	64	27	49.7	46.9	1450	149	74	28	64.6	47.5	1990	113	46	16	30.4	13.0
380	112	55	25	38.2	44.6	920	132	64	27	49.2	46.9	1460	148	74	28	63.4	48.5	2000	111	46	15	29.1	13.0
390	114	56	26	39.3	44.3	930	132	63	27	50.1	47.2	1470	146	73	28	61.9	48.7	2010	110	45	15	28.5	13.0
400	117	56	26	41.3	44.3	940	132	64	28	50.1	47.1	1480	145	72	27	60.2	51.4	2020	108	44	15	27.1	13.0
410	119	56	26	41.9	42.9	950	133	64	29	51.2	45.9	1490	144	71	27	59.5	53.1	2030	106	43	14	26.3	25.0
420	120	57	27	42.9	42.4	960	134	65	31	52.5	45.9	1500	144	70	27	59.6	54.3	2040	105	41	14	25.7	42.9
430	122	58	27	43.8	42.7	970	134	66	34	53.1	71.7	1510	143	69	27	58.6	54.2	2050	103	41	14	24.5	25.0
440	123	58	27	44.4	44.7	980	135	68	36	54.8	85.7	1520	141	69	27	57.0	52.9	2060	102	40	13	24.0	25.0
450	125	59	27	45.9	48.9	990	137	70	39	56.7	94.4	1530	141	68	27	57.0	51.3	2070	101	40	13	23.1	17.3
460	126	60	27	45.9	50.9	1000	139	71	41	59.5	96.4	1540	140	68	27	55.5	49.7	2080	99	38	13	22.4	12.2
470	126	61	28	46.7	50.9	1010	140	73	41	61.2	103.2	1550	139	67	27	55.4	49.8	2090	98	38	13	21.8	12.2
480	128	62	27	47.2	48.1	1020	143	75	41	64.2	101.1	1560	139	67	27	54.6	51.3	2100	97	38	13	21.2	12.2
490	128	62	28	47.7	44.1	1030	145	77	42	67.1	104.3	1570	138	67	27	54.2	53.5	2110	96	38	12	20.9	12.2
500	130	62	28	49.5	43.1	1040	147	79	43	69.3	97.2	1580	138	66	27	54.1	53.3	2120	95	36	12	20.4	0.
510	131	63	28	50.3	44.0	1050	150	81	45	73.1	94.4	1590	137	67	27	53.2	50.0	2130	94	36	12	19.7	0.
520	132	64	28	50.6	44.3	1060	153	84	46	75.6	102.2	1600	137	66	27	54.0	49.4	2140	93	35	12	19.2	0.
530	132	64	28	50.4	43.8	1070	155	84	46	78.6	99.0	1610	136	66	27	52.9	49.9	2150	92	35	12	18.8	0.

資料 3.10　流出量・降雨量および水路水位

DISCHARGE & R.I. 2 -5 -1, 521124, 3 -50-120 AREA=636.M**2 QMAX= 49.9MM/H 2 -5 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	92	35	12	18.9	0.																		
2170	90	34	12	17.9	0.																		
2180	90	34	12	17.6	0.																		
2190	89	33	12	17.2	0.																		
2200	88	33	11	17.0	0.																		
2210	87	32	11	16.3	0.																		
2220	86	32	11	15.8	0.																		
2230	86	31	11	15.7	0.																		
2240	85	31	11	15.1	0.																		
2250	84	30	10	15.2	0.																		
2260	84	30	10	15.1	0.																		
2270	82	30	10	14.4	0.																		
2280	82	29	10	14.1	0.																		
2290	82	29	10	14.1	0.																		
2300	81	29	10	13.8	0.																		
2310	80	28	9	12.9	0.																		
2320	79	28	9	12.4	0.																		
2330	78	28	9	12.3	0.																		
2340	78	27	9	12.4	0.																		
2350	77	27	8	11.9	0.																		
2360	77	26	8	11.8	0.																		
2370	76	26	8	11.5	0.																		
2380	76	25	8	11.4	0.																		
2390	74	25	-44	12.0	0.																		

資料 3.11　流出量・降雨量および水路水位

DISCHARGE & R.I.　2 -6 -1,　521124,　3 -50 -80 AREA=636.M**2　QMAX= 51.8MM/H　2 -6 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	8	3	1.4	18.2	540	131	62	27	49.2	49.8	1080	153	80	37	71.8	66.1	1620	134	65	27	51.6	51.1
10	30	8	3	0.9	18.2	550	131	63	27	49.8	50.2	1090	152	80	37	71.4	65.6	1630	134	64	27	51.4	52.9
20	30	7	3	0.5	18.2	560	132	63	27	49.8	50.2	1100	154	80	37	73.0	64.8	1640	134	65	27	51.7	52.9
30	30	6	3	0.7	18.2	570	132	64	27	49.8	50.1	1110	154	80	37	73.0	68.5	1650	134	65	27	51.4	52.2
40	30	7	3	0.8	18.2	580	133	64	28	50.7	52.6	1120	154	80	36	73.9	68.7	1660	134	64	27	50.8	49.8
50	29	6	3	0.9	18.2	590	132	64	28	50.3	52.6	1130	154	80	35	73.2	64.5	1670	134	64	27	51.1	49.6
60	29	7	3	0.9	18.2	600	133	64	28	50.7	52.6	1140	155	80	35	73.7	62.7	1680	134	64	27	50.8	48.7
70	29	6	3	0.9	18.2	610	133	64	28	50.9	51.2	1150	155	80	35	74.4	63.2	1690	133	64	27	50.4	48.4
80	29	6	3	1.2	18.2	620	134	64	27	51.7	50.6	1160	155	80	34	73.5	59.2	1700	133	64	27	50.0	50.8
90	29	7	3	1.2	18.2	630	134	64	28	51.4	50.9	1170	154	80	34	72.5	58.6	1710	133	64	28	50.4	51.0
100	29	6	3	1.2	18.2	640	134	64	28	51.2	50.1	1180	155	79	33	73.4	53.8	1720	133	64	28	50.8	50.5
110	29	6	3	1.2	18.2	650	134	64	27	51.4	49.9	1190	154	78	31	71.9	50.5	1730	134	64	27	51.5	49.2
120	29	7	3	1.2	23.0	660	134	64	27	51.1	51.0	1200	153	78	31	70.7	50.5	1740	133	65	28	50.9	47.8
130	29	7	3	1.2	27.7	670	134	64	27	51.2	48.2	1210	153	77	30	69.5	50.7	1750	134	65	27	51.2	46.5
140	29	8	4	1.2	34.4	680	133	64	27	50.6	48.2	1220	151	76	30	67.6	50.4	1760	134	64	28	51.7	38.9
150	29	8	5	1.5	34.4	690	134	64	27	51.2	46.0	1230	151	76	30	67.2	49.2	1770	134	64	27	51.6	38.8
160	29	8	5	1.6	37.7	700	134	64	27	51.7	45.9	1240	150	75	30	65.9	49.3	1780	134	64	27	50.8	40.4
170	29	9	6	1.8	47.9	710	134	64	27	51.9	45.6	1250	148	74	30	64.4	50.5	1790	134	64	27	50.9	32.6
180	30	10	7	2.2	47.9	720	134	64	27	51.7	47.4	1260	148	74	29	64.0	50.5	1800	133	64	27	49.8	29.3
190	30	12	8	2.7	47.9	730	134	64	28	51.6	52.8	1270	147	73	29	62.9	50.1	1810	133	64	26	49.2	29.3
200	31	12	9	3.2	47.4	740	134	64	28	51.6	52.5	1280	146	72	28	61.8	48.6	1820	132	63	25	48.4	29.3
210	32	15	10	3.6	49.6	750	134	65	28	51.7	52.4	1290	146	72	28	61.6	48.6	1830	132	62	25	48.0	29.3
220	33	16	11	4.6	53.6	760	134	65	28	51.4	51.3	1300	145	70	28	60.7	49.6	1840	131	61	24	46.9	37.4
230	35	18	12	5.5	54.2	770	134	65	28	51.6	50.5	1310	143	70	27	59.2	52.2	1850	130	61	23	46.3	38.3
240	37	20	14	6.7	54.7	780	135	65	27	51.9	51.1	1320	142	70	27	58.0	52.2	1860	129	59	22	45.1	34.8
250	40	23	15	8.4	55.2	790	134	64	28	51.1	51.4	1330	142	70	27	57.5	52.2	1870	128	58	22	43.8	33.3
260	43	25	16	9.8	50.8	800	134	64	28	51.6	52.8	1340	141	68	27	57.5	49.7	1880	127	57	21	42.6	33.3
270	47	27	17	11.5	44.1	810	134	64	28	50.9	53.2	1350	141	68	27	56.6	49.5	1890	125	56	20	41.2	31.8
280	52	30	19	13.5	44.1	820	134	64	28	51.9	52.0	1360	140	68	27	55.6	49.5	1900	123	55	20	39.3	31.8
290	57	32	19	15.1	43.9	830	134	64	28	51.9	52.0	1370	140	68	27	55.6	48.7	1910	122	53	19	37.9	31.1
300	62	35	20	17.3	42.6	840	134	64	29	52.2	52.0	1380	138	67	27	53.7	48.1	1920	120	53	18	36.5	25.4
310	67	37	21	19.1	42.4	850	135	64	29	52.6	52.3	1390	137	67	27	53.4	49.5	1930	119	50	18	35.6	14.3
320	72	40	22	21.0	42.4	860	135	66	30	53.3	56.1	1400	137	66	27	52.8	49.5	1940	117	50	17	34.1	14.3
330	78	42	23	23.5	42.5	870	136	66	31	54.2	60.6	1410	137	66	27	53.1	53.1	1950	115	49	17	32.7	14.3
340	84	43	23	25.7	44.4	880	136	67	32	54.7	60.6	1420	136	66	27	52.9	50.8	1960	114	46	16	31.6	10.9
350	89	45	24	28.3	44.4	890	137	68	33	55.5	62.0	1430	136	66	27	52.5	49.6	1970	112	46	16	30.1	10.5
360	94	47	25	29.8	44.4	900	138	68	34	57.2	61.8	1440	135	66	27	51.6	45.9	1980	111	45	16	29.2	10.5
370	98	49	25	31.8	49.8	910	139	70	35	57.8	66.6	1450	135	65	27	52.2	46.2	1990	108	44	15	27.4	10.5
380	102	50	25	33.5	49.4	920	140	71	35	59.5	69.8	1460	135	65	27	52.2	50.4	2000	108	43	15	27.4	10.5
390	106	52	25	35.2	49.4	930	141	71	35	60.5	71.2	1470	135	65	27	52.5	53.5	2010	105	42	15	25.4	10.5
400	109	53	26	37.0	48.1	940	142	72	35	61.7	72.0	1480	135	65	27	52.4	53.9	2020	104	40	15	25.3	10.5
410	112	54	26	38.6	47.2	950	143	73	35	62.6	75.4	1490	135	65	27	51.7	53.9	2030	103	40	14	23.9	10.5
420	115	55	26	39.8	50.4	960	145	73	35	64.2	78.0	1500	135	65	27	51.9	49.7	2040	101	40	14	22.9	10.5
430	117	56	26	41.2	50.4	970	146	74	35	65.0	68.6	1510	135	65	27	51.7	49.5	2050	100	39	13	22.6	10.5
440	119	57	26	42.3	53.1	980	147	74	35	66.4	67.2	1520	134	65	27	51.2	48.9	2060	98	37	13	21.5	10.5
450	121	58	27	43.4	51.8	990	148	75	35	67.0	67.2	1530	135	65	27	51.9	48.1	2070	97	36	13	20.8	12.6
460	122	59	27	44.0	51.0	1000	148	76	35	67.0	70.2	1540	134	64	27	51.4	51.3	2080	96	36	12	19.9	14.6
470	124	59	27	44.9	51.4	1010	150	76	36	69.1	90.9	1550	134	65	27	51.2	53.2	2090	95	35	12	19.8	14.6
480	126	60	27	46.5	52.1	1020	150	77	36	69.0	79.1	1560	134	65	27	51.4	51.3	2100	93	34	12	19.1	14.6
490	126	60	27	46.7	53.2	1030	151	78	36	70.1	75.6	1570	134	64	27	51.6	50.5	2110	92	34	11	17.9	0.
500	128	61	27	47.4	53.4	1040	151	78	37	70.2	74.7	1580	135	64	28	52.0	46.4	2120	91	34	11	17.7	0.
510	129	62	27	47.8	50.8	1050	152	79	37	70.9	68.1	1590	134	65	28	51.6	47.8	2130	90	33	11	17.6	0.
520	129	62	27	48.3	50.8	1060	152	79	37	70.3	67.2	1600	134	64	28	51.6	49.1	2140	88	33	11	16.5	0.
530	130	62	27	49.0	48.2	1070	152	80	37	71.4	67.9	1610	134	64	28	50.9	50.9	2150	87	32	11	15.9	0.

資料 3.12　流出量・降雨量および水路水位

DISCHARGE & R.I. 2 -6 -1, 521124, 3 -50 -80 AREA=636.M**2 QMAX= 51.8MM/H 2 -6 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	87	32	11	15.9	0.																		
2170	86	31	10	15.4	0.																		
2180	85	31	10	15.1	0.																		
2190	84	30	10	14.5	0.																		
2200	83	30	10	14.0	0.																		
2210	82	29	10	13.8	0.																		
2220	82	29	10	13.7	0.																		
2230	80	28	9	13.1	0.																		
2240	79	27	9	12.5	0.																		
2250	79	27	9	12.2	0.																		
2260	78	27	9	11.8	0.																		
2270	77	27	9	11.4	0.																		
2280	76	27	9	11.1	0.																		
2290	74	26	9	10.0	0.																		
2300	73	26	8	9.8	0.																		
2310	73	25	8	10.1	0.																		
2320	72	25	8	9.9	0.																		
2330	71	25	8	9.8	0.																		
2340	71	24	8	9.6	0.																		
2350	71	23	8	9.6	0.																		
2360	70	23	7	9.4	0.																		
2370	69	22	-44	9.0	0.																		
2380	68	22	-44	8.6	0.																		
2390	68	22	-44	9.7	0.																		

資料 3.13　流出量・降雨量および水路水位

DISCHARGE & R.I.,　3 -1 -1,　521125,　2-100　0 AREA=636.M**2　QMAX= 18.7MM/H　　3 -1 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	2	2	5	0.0	38.6	540	82	27	14	14.9	0.												
10	2	2	5	0.0	38.6	550	82	27	14	15.0	0.												
20	2	2	5	0.0	38.6	560	82	27	14	15.2	0.												
30	2	2	5	0.2	38.6	570	82	27	14	14.3	0.												
40	2	3	6	0.3	38.6	580	82	27	14	14.3	0.												
50	2	3	6	0.6	38.6	590	82	27	14	14.3	0.												
60	3	4	6	0.9	48.1	600	78	24	13	12.5	0.												
70	3	4	7	1.1	82.8	610	78	24	13	12.5	0.												
80	4	4	8	1.1	108.0	620	78	24	13	12.5	0.												
90	5	4	12	1.1	113.0	630	78	24	13	12.3	0.												
100	6	5	15	1.1	92.9	640	78	24	13	12.3	0.												
110	6	7	16	1.1	57.7	650	78	24	13	12.3	0.												
120	6	8	18	1.3	42.7	660	74	22	13	10.5	0.												
130	7	9	19	1.7	33.0	670	74	22	12	10.5	0.												
140	8	11	20	2.5	23.2	680	74	22	12	10.5	0.												
150	9	13	21	3.1	23.2	690	74	22	12	10.2	0.												
160	11	15	21	4.5	23.2	700	74	22	12	10.0	0.												
170	14	17	22	5.8	23.2	710	74	22	12	9.8	0.												
180	16	20	22	7.0	23.2	720	68	20	10	7.6	0.												
190	21	22	22	8.9	38.8	780	63	17	10	6.4	0.												
200	26	24	22	10.1	42.7	840	58	16	9	5.1	0.												
210	31	26	22	12.1	34.7	900	54	14	9	4.4	0.												
220	38	28	22	13.4	32.7	960	51	13	9	3.8	0.												
230	43	29	22	14.2	31.8	1020	48	12	9	3.3	0.												
240	51	30	22	15.9	24.9	1080	45	11	9	2.8	0.												
250	57	31	22	16.6	27.4	1140	43	10	9	2.5	0.												
260	62	31	21	17.6	28.4	1200	41	9	9	2.8	0.												
270	67	31	21	18.1	28.4																		
280	72	31	20	18.6	28.4																		
290	76	31	19	19.5	21.6																		
300	79	31	19	19.6	21.6																		
310	81	32	19	19.2	21.6																		
320	84	32	18	19.9	21.6																		
330	85	32	18	19.5	21.6																		
340	87	32	18	20.1	8.7																		
350	87	32	18	19.3	8.7																		
360	88	32	18	19.2	8.7																		
370	89	31	18	19.3	8.7																		
380	89	31	17	19.1	8.7																		
390	89	31	17	18.8	3.0																		
400	89	31	17	18.5	3.0																		
410	89	31	17	18.4	3.0																		
420	88	31	17	17.9	3.0																		
430	88	31	17	17.8	0.																		
440	88	30	17	17.4	0.																		
450	87	30	16	17.1	0.																		
460	87	30	16	16.9	0.																		
470	86	30	16	16.6	0.																		
480	86	29	16	16.2	0.																		
490	86	28	16	16.2	0.																		
500	85	28	15	16.0	0.																		
510	84	28	15	15.4	0.																		
520	84	28	15	15.1	0.																		
530	83	27	14	15.0	0.																		

資料 3.14　流出量・降雨量および水路水位

DISCHARGE & R.I. 3 -2 -1, 521125, 2-180 0 AREA=636.M**2 QMAX= 89.3MM/H 3 -2 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	35	9	9	1.9	36.7
10	35	9	9	0.9	36.7
20	34	9	9	0.9	36.7
30	34	9	9	1.0	36.7
40	33	9	9	1.2	36.7
50	33	8	9	1.3	36.7
60	33	8	9	1.6	40.5
70	33	8	9	2.0	40.5
80	33	8	9	2.3	60.4
90	34	9	10	2.5	74.2
100	34	9	12	2.7	85.6
110	35	9	14	3.2	97.5
120	35	11	19	3.9	122.4
130	36	13	23	4.9	131.4
140	37	17	28	6.4	134.3
150	40	21	32	9.3	158.0
160	43	26	36	13.1	138.9
170	48	32	42	17.4	151.0
180	57	39	45	23.2	136.1
190	68	46	46	30.1	140.0
200	81	51	47	37.1	148.9
210	95	57	49	44.8	145.7
220	110	61	51	53.6	135.1
230	121	65	52	60.4	131.1
240	131	70	53	66.5	125.3
250	141	73	54	73.0	130.0
260	148	77	53	78.8	76.0
270	154	80	53	83.5	51.6
280	158	81	52	85.5	32.9
290	162	82	50	88.1	41.5
300	165	82	51	89.9	41.5
310	166	82	44	90.0	35.5
320	167	82	42	90.8	35.5
330	167	82	41	89.0	35.5
340	167	81	39	88.0	35.5
350	166	80	38	86.6	35.5
360	166	78	37	85.6	23.5
370	163	76	35	81.6	23.5
380	162	75	33	79.4	23.5
390	161	72	31	76.7	27.3
400	158	70	30	73.8	31.0
410	155	68	28	68.7	25.7
420	152	66	27	64.9	25.7
430	150	64	26	62.3	25.7
440	146	61	25	58.2	25.7
450	143	59	24	55.7	25.7
460	140	57	23	51.4	26.6
470	137	54	22	49.4	30.3
480	135	51	21	46.7	30.3
490	131	50	21	43.2	30.3
500	128	48	20	40.9	25.4
510	125	46	19	37.9	27.1
520	122	45	19	36.4	6.0
530	120	43	19	34.2	6.0
540	117	42	18	32.8	6.0
550	115	41	18	31.3	6.0
560	112	39	18	29.2	6.0
570	111	39	17	28.4	6.0
580	108	38	17	26.8	6.0
590	106	37	17	25.6	6.0
600	105	36	17	24.7	0.
610	103	35	17	23.7	0.
620	101	34	17	22.6	0.
630	100	33	16	22.0	0.
640	97	32	16	20.6	0.
650	97	32	15	20.3	0.
660	95	31	15	19.5	0.
670	94	31	15	19.5	0.
680	92	31	14	17.7	0.
690	91	30	14	17.1	0.
700	90	29	14	17.1	0.
710	88	28	14	16.3	0.
720	87	28	13	15.5	0.
780	80	24	12	12.7	0.
840	75	20	11	10.4	0.
900	68	18	10	7.8	0.
960	62	16	10	5.9	0.
1020	57	16	9	5.2	0.
1080	55	13	9	4.7	0.
1140	50	12	9	3.5	0.
1200	47	11	9	3.2	0.
1260	45	10	9	3.6	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.15　流出量・降雨量および水路水位

DISCHARGE & R.I.　3 -3 -1,　521125,　2 -50　0 AREA=636.M**2　QMAX= 26.1MM/H　3 -3 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	40	9	9	2.6	15.4	540	95	32	19	19.9	0.												
10	40	9	9	1.9	15.4	550	93	32	19	19.1	0.												
20	39	9	9	1.8	15.4	560	92	31	19	18.5	0.												
30	39	9	9	1.8	15.4	570	91	31	19	18.0	0.												
40	38	9	9	1.5	15.4	580	90	31	18	17.5	0.												
50	38	9	9	1.4	15.4	590	89	30	18	16.9	0.												
60	37	9	9	1.3	15.4	600	88	29	18	16.4	0.												
70	37	9	9	1.6	15.4	610	87	29	18	15.7	0.												
80	36	9	9	1.5	15.4	620	86	28	18	15.2	0.												
90	36	8	9	1.7	15.4	630	85	28	17	14.7	0.												
100	36	8	9	1.7	15.4	640	84	28	17	14.3	0.												
110	36	8	9	1.7	15.4	650	83	27	17	14.0	0.												
120	36	8	9	1.7	15.4	660	82	27	17	13.6	0.												
130	36	9	9	1.7	15.4	670	81	26	17	13.1	0.												
140	36	9	9	1.8	22.9	680	80	25	17	12.9	0.												
150	36	9	10	2.0	24.8	690	79	25	16	12.5	0.												
160	36	9	11	2.1	39.0	700	78	24	16	12.3	0.												
170	36	9	11	2.3	39.0	710	77	24	16	11.8	0.												
180	36	10	12	2.5	43.8	720	76	24	15	11.4	0.												
190	36	11	14	2.8	49.1	780	72	22	14	10.2	0.												
200	36	12	14	3.2	49.2	840	69	20	12	9.2	0.												
210	37	13	16	3.7	49.2	900	66	19	11	7.6	0.												
220	38	15	17	4.2	48.9	960	61	17	11	6.2	0.												
230	39	16	18	5.1	50.3	1020	58	16	10	6.7	0.												
240	41	18	19	6.3	50.3																		
250	42	20	20	7.5	33.1																		
260	45	22	21	9.0	32.6																		
270	48	24	22	10.3	30.1																		
280	53	26	24	12.5	30.1																		
290	57	30	25	14.6	12.5																		
300	61	31	26	15.8	12.5																		
310	66	33	27	17.5	0.																		
320	72	35	27	20.1	0.																		
330	76	37	27	21.8	0.																		
340	81	38	27	23.2	0.																		
350	86	39	26	24.3	0.																		
360	91	39	26	26.6	0.																		
370	93	40	25	27.0	0.																		
380	96	40	25	27.1	0.																		
390	98	41	24	27.3	0.																		
400	100	40	24	27.8	0.																		
410	101	39	23	27.3	0.																		
420	102	39	23	27.0	0.																		
430	102	38	22	26.4	0.																		
440	102	38	22	26.1	0.																		
450	101	38	21	25.3	0.																		
460	101	38	21	25.2	0.																		
470	101	36	21	24.7	0.																		
480	100	36	20	24.1	0.																		
490	100	35	20	23.5	0.																		
500	99	35	20	23.0	0.																		
510	98	34	20	22.0	0.																		
520	97	33	19	21.1	0.																		
530	96	32	19	20.4	0.																		

資料 3.16　流出量・降雨量および水路水位

DISCHARGE & R.I. 3 -4 -1, 521125, 1=180 0 AREA=636,M**2 QMAX=154.3MM/H 3 -4 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	42	10	9	3.1	55.3
10	42	10	9	2.8	55.3
20	42	10	9	2.6	55.3
30	42	10	9	2.7	55.3
40	42	10	9	2.7	55.3
50	41	9	9	2.7	55.3
60	41	9	9	2.7	66.0
70	41	10	9	3.0	66.0
80	41	10	11	3.6	81.0
90	41	11	16	4.4	122.3
100	42	13	22	5.5	132.0
110	44	17	27	7.3	156.8
120	46	20	31	10.1	186.3
130	49	26	37	13.1	176.0
140	54	32	42	18.6	145.7
150	62	39	46	24.3	139.4
160	71	48	48	31.0	140.3
170	86	55	51	40.7	134.7
180	101	61	53	49.9	141.2
190	116	66	54	60.3	147.5
200	131	72	55	70.2	146.8
210	142	75	56	79.1	146.5
220	151	80	55	86.3	145.8
230	157	84	56	91.2	169.0
240	166	88	56	100.1	162.9
250	172	92	56	107.2	164.5
260	178	96	56	115.0	185.1
270	183	100	57	120.6	166.2
280	187	103	57	124.8	162.4
290	191	105	57	130.2	153.4
300	193	108	57	133.0	150.4
310	196	110	57	136.8	161.0
320	198	112	57	140.4	158.0
330	199	112	57	141.7	144.8
340	201	114	57	144.9	152.3
350	203	115	57	148.1	158.2
360	204	116	57	149.6	162.8
370	206	117	57	151.7	169.2
380	207	118	57	153.8	179.2
390	207	117	57	153.8	158.1
400	207	118	57	153.4	163.3
410	207	117	57	152.9	160.0
420	208	118	58	154.8	162.9
430	208	118	58	154.8	175.6
440	208	118	58	154.8	170.9
450	208	118	58	154.5	169.0
460	208	118	58	154.5	152.5
470	208	118	58	154.5	153.9
480	208	119	58	154.5	146.2
490	208	119	58	154.5	153.9
500	208	119	58	154.9	165.2
510	208	119	58	154.9	168.2
520	208	119	58	154.9	180.7
530	210	119	58	157.7	149.2
540	210	119	58	157.7	155.4
550	210	119	58	157.7	168.0
560	210	119	58	157.3	155.8
570	210	119	58	157.3	171.6
580	210	119	58	157.3	168.2
590	210	119	58	157.3	132.9
600	210	119	58	157.3	112.2
610	210	119	58	157.3	134.0
620	210	119	58	157.3	154.4
630	210	119	58	156.8	185.8
640	210	119	58	156.8	159.0
650	210	119	58	156.8	159.4
660	208	119	58	154.0	155.4
670	208	119	57	154.0	149.4
680	208	119	57	154.0	140.2
690	208	119	57	154.2	150.9
700	208	119	57	154.4	148.7
710	208	119	57	154.4	146.5
720	207	117	57	152.5	149.0
730	-	-	-	-	154.4
740	-	-	-	-	157.1
750	-	-	-	-	159.1
760	-	-	-	-	173.5
770	-	-	-	-	160.2
780	208	118	57	153.6	182.5
790	-	-	-	-	172.2
800	-	-	-	-	162.9
810	-	-	-	-	146.8
820	-	-	-	-	152.1
830	-	-	-	-	152.6
840	208	119	57	153.5	148.2
850	-	-	-	-	137.5
860	-	-	-	-	150.1
870	-	-	-	-	143.2
880	-	-	-	-	141.1
890	-	-	-	-	137.2
900	208	118	58	153.5	148.7
910	-	-	-	-	164.1
920	-	-	-	-	170.6
930	-	-	-	-	165.4
940	-	-	-	-	140.8
950	-	-	-	-	145.3
960	208	119	57	153.5	140.0
970	-	-	-	-	131.2
980	-	-	-	-	139.2
990	-	-	-	-	143.2
1000	-	-	-	-	141.0
1010	-	-	-	-	142.1
1020	208	119	58	153.5	149.5
1030	-	-	-	-	150.1
1040	-	-	-	-	170.9
1050	-	-	-	-	151.0
1060	-	-	-	-	164.7
1070	-	-	-	-	151.6
1080	207	119	58	152.5	179.6
1090	-	-	-	-	168.7
1100	-	-	-	-	138.1
1110	-	-	-	-	134.2
1120	-	-	-	-	132.2
1130	-	-	-	-	140.9
1140	207	117	56	151.6	137.1
1150	-	-	-	-	146.1
1160	-	-	-	-	149.5
1170	-	-	-	-	157.1
1180	-	-	-	-	171.8
1190	-	-	-	-	150.8
1200	207	117	57	151.7	139.4
1210	-	-	-	-	138.0
1220	-	-	-	-	137.4
1230	-	-	-	-	151.7
1240	-	-	-	-	150.6
1250	-	-	-	-	138.7
1260	207	118	57	151.6	147.1
1270	-	-	-	-	139.2
1280	-	-	-	-	140.5
1290	-	-	-	-	135.8
1300	-	-	-	-	98.5
1310	-	-	-	-	51.0
1320	206	113	53	146.7	24.4
1330	-	-	-	-	24.4
1340	-	-	-	-	24.4
1350	-	-	-	-	24.4
1360	-	-	-	-	24.4
1370	-	-	-	-	24.4
1380	186	92	39	110.0	24.4
1390	-	-	-	-	31.0
1400	-	-	-	-	36.9
1410	-	-	-	-	36.9
1420	-	-	-	-	46.0
1430	-	-	-	-	47.4
1440	166	75	30	81.2	30.4
1450	-	-	-	-	26.2
1460	-	-	-	-	26.2
1470	-	-	-	-	26.2
1480	-	-	-	-	26.2
1490	-	-	-	-	27.9
1500	145	59	22	56.2	28.6
1510	-	-	-	-	28.6
1520	-	-	-	-	28.6
1530	-	-	-	-	28.6
1540	-	-	-	-	22.6
1550	-	-	-	-	19.9
1560	125	46	19	38.0	17.2
1570	-	-	-	-	17.2
1580	-	-	-	-	20.9
1590	-	-	-	-	20.9
1600	-	-	-	-	20.9
1610	-	-	-	-	20.9
1620	111	38	17	28.4	20.9
1630	-	-	-	-	20.9
1640	-	-	-	-	7.0
1650	-	-	-	-	7.0
1680	100	32	16	21.7	0.
1740	90	30	14	16.9	0.
1800	83	24	12	13.8	0.
1860	76	22	11	10.8	0.
1920	70	20	10	8.6	0.
1980	65	17	9	7.0	0.
2040	59	16	9	5.5	0.
2100	55	14	9	4.7	0.
2160	52	13	8	4.1	0.
2220	49	12	8	3.6	0.
2280	46	11	8	3.0	0.
2340	44	10	8	2.7	0.
2400	42	9	8	2.4	0.
2460	40	9	8	2.3	0.
2520	39	9	8	2.1	0.
2580	37	8	8	2.3	0.

資料 3.17　流出量・降雨量および水路水位

DISCHARGE & R.I,　3 -5 -1,　521125,　1=150　0 AREA=636.M**2　QMAX=139.9MM/H　3 -5 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	12	5	84	0.1	30.6
10	12	5	84	0.1	30.6
20	12	5	84	0.1	30.6
30	12	5	84	0.1	30.6
40	12	5	84	0.3	30.6
50	12	5	84	0.4	30.6
60	12	5	84	0.7	34.7
70	12	5	84	0.9	35.7
80	13	5	85	1.2	35.7
90	14	5	85	1.4	53.6
100	14	6	88	1.6	82.6
110	15	7	92	2.2	122.2
120	16	9	97	2.6	129.5
130	17	11	102	4.0	148.8
140	19	15	106	6.1	157.9
150	21	20	110	9.4	150.3
160	26	26	115	13.0	124.9
170	34	34	120	18.0	116.2
180	44	41	123	24.0	121.5
190	56	48	124	30.4	132.4
200	72	54	127	38.1	137.4
210	88	58	127	46.2	125.1
220	106	62	128	54.8	131.1
230	121	68	129	63.9	129.6
240	135	72	129	73.4	125.9
250	141	75	130	75.5	133.6
260	150	78	130	81.5	119.3
270	156	82	131	85.7	127.2
280	161	85	131	90.9	145.9
290	166	88	131	96.1	138.3
300	171	92	131	101.8	131.6
310	174	93	130	105.2	126.6
320	178	93	130	110.9	121.2
330	181	97	130	113.8	118.8
340	183	98	130	117.3	125.4
350	186	101	132	120.1	132.5
360	188	104	132	123.9	121.7
370	190	104	132	126.6	127.1
380	191	105	133	127.8	118.4
390	193	106	132	130.4	134.3
400	194	107	132	131.6	140.1
410	195	108	132	133.2	130.3
420	196	108	132	133.6	122.4
430	196	108	132	134.2	127.6
440	197	108	132	134.9	133.3
450	197	108	132	135.6	133.9
460	198	108	132	136.3	138.7
470	198	108	132	137.1	120.4
480	198	109	132	136.9	117.9
490	198	109	132	136.7	136.4
500	198	109	132	136.6	124.0
510	198	109	132	136.9	128.3
520	198	109	132	136.9	130.1
530	198	109	132	136.9	125.4
540	199	111	132	138.6	114.9
550	199	111	132	138.6	121.5
560	199	111	132	138.6	128.7
570	199	111	132	138.6	127.8
580	199	111	132	138.6	131.7
590	199	111	132	138.6	139.4
600	200	111	132	140.4	115.6
610	200	111	132	140.4	117.6
620	200	111	132	140.4	121.6
630	200	111	132	139.9	133.0
640	200	111	132	139.9	139.8
650	200	111	132	139.9	138.4
660	200	111	132	139.0	135.1
670	200	111	132	139.0	124.0
680	200	111	132	139.0	131.2
690	200	111	132	139.2	130.3
700	200	111	132	139.2	125.0
710	200	111	132	139.2	132.7
720	200	111	132	139.2	126.6
730	-	-	-	-	122.3
740	-	-	-	-	124.9
750	-	-	-	-	123.9
760	-	-	-	-	122.4
770	-	-	-	-	124.6
780	200	111	132	139.2	118.9
790	-	-	-	-	113.4
800	-	-	-	-	117.5
810	-	-	-	-	116.4
820	-	-	-	-	111.7
830	-	-	-	-	120.6
840	200	109	132	139.3	121.8
850	-	-	-	-	124.0
860	-	-	-	-	146.0
870	-	-	-	-	132.2
880	-	-	-	-	123.7
890	-	-	-	-	127.8
900	201	111	132	140.8	122.3
910	-	-	-	-	127.9
920	-	-	-	-	133.7
930	-	-	-	-	130.4
940	-	-	-	-	132.9
950	-	-	-	-	131.3
960	199	111	132	137.2	116.2
970	-	-	-	-	124.0
980	-	-	-	-	120.4
990	-	-	-	-	116.9
1000	-	-	-	-	119.8
1010	-	-	-	-	123.2
1020	199	110	132	138.3	117.6
1030	-	-	-	-	121.9
1040	-	-	-	-	123.5
1050	-	-	-	-	123.5
1060	-	-	-	-	124.1
1070	-	-	-	-	122.9
1080	199	110	132	137.5	130.0
1090	-	-	-	-	130.1
1100	-	-	-	-	128.2
1110	-	-	-	-	118.2
1120	-	-	-	-	129.2
1130	-	-	-	-	131.7
1140	199	111	133	138.4	129.5
1150	-	-	-	-	139.7
1160	-	-	-	-	124.7
1170	-	-	-	-	121.1
1180	-	-	-	-	133.2
1190	-	-	-	-	125.2
1200	199	110	133	137.6	124.7
1210	-	-	-	-	116.3
1220	-	-	-	-	107.8
1230	-	-	-	-	95.7
1240	-	-	-	-	42.0
1250	-	-	-	-	42.0
1260	194	103	127	126.3	20.1
1270	-	-	-	-	20.1
1280	-	-	-	-	20.1
1290	-	-	-	-	20.1
1300	-	-	-	-	20.1
1310	-	-	-	-	20.1
1320	176	86	113	96.1	20.1
1330	-	-	-	-	20.6
1340	-	-	-	-	20.8
1350	-	-	-	-	20.8
1360	-	-	-	-	37.1
1370	-	-	-	-	37.1
1380	156	68	104	69.4	37.1
1390	-	-	-	-	37.5
1400	-	-	-	-	34.3
1410	-	-	-	-	33.0
1420	-	-	-	-	33.0
1430	-	-	-	-	33.0
1440	136	54	97	48.0	33.0
1450	-	-	-	-	32.3
1460	-	-	-	-	25.5
1470	-	-	-	-	25.5
1480	-	-	-	-	25.5
1490	-	-	-	-	25.5
1500	118	44	95	32.3	25.5
1510	-	-	-	-	25.5
1520	-	-	-	-	24.8
1530	-	-	-	-	1.3
1540	-	-	-	-	1.3
1550	-	-	-	-	1.3
1560	100	35	92	20.8	1.3
1570	-	-	-	-	1.3
1580	-	-	-	-	1.3
1590	-	-	-	-	1.3
1600	-	-	-	-	1.3
1610	-	-	-	-	1.3
1620	91	28	89	17.8	1.3
1630	-	-	-	-	1.3
1640	-	-	-	-	1.3
1650	-	-	-	-	1.3
1660	-	-	-	-	1.3
1670	-	-	-	-	1.3
1680	85	27	89	14.5	1.3
1690	-	-	-	-	1.3
1700	-	-	-	-	1.3
1710	-	-	-	-	1.3
1720	-	-	-	-	1.3
1730	-	-	-	-	1.3
1740	76	22	88	10.2	1.3
1750	-	-	-	-	1.3
1760	-	-	-	-	1.3
1770	-	-	-	-	1.3
1780	-	-	-	-	1.3
1790	-	-	-	-	1.3
1800	69	20	86	8.3	1.3
1810	-	-	-	-	1.3
1820	-	-	-	-	1.3
1830	-	-	-	-	1.3
1840	-	-	-	-	1.3
1850	-	-	-	-	1.3
1860	64	17	86	6.8	1.3
1870	-	-	-	-	1.3
1880	-	-	-	-	1.3
1890	-	-	-	-	1.3
1900	-	-	-	-	1.3
1910	-	-	-	-	1.3
1920	59	16	85	5.6	1.3
1930	-	-	-	-	1.3
1940	-	-	-	-	1.3
1950	-	-	-	-	1.3
1960	-	-	-	-	1.3
1970	-	-	-	-	1.3
1980	55	15	85	4.5	1.3
1990	-	-	-	-	1.3
2040	51	13	85	4.0	0.
2100	49	12	85	3.6	0.
2160	46	12	85	3.1	0.
2220	44	11	85	2.7	0.
2280	42	10	85	2.4	0.
2340	40	9	85	2.3	0.
2400	39	9	85	2.6	0.

資料 3.18　流出量・降雨量および水路水位

DISCHARGE & R.I. 3 -6 -1, 521125, 2-180 0 AREA=636.M**2 QMAX=115.2MM/H 3 -6 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	36	9	8	2.0	28.9	540	124	46	18	36.7	0.												
10	36	9	8	1.5	28.9	550	121	45	17	34.5	0.												
20	36	9	8	1.6	28.9	560	118	43	16	32.9	0.												
30	36	9	8	1.7	28.9	570	116	42	16	31.3	0.												
40	35	9	8	1.8	28.9	580	113	40	15	29.1	0.												
50	35	9	8	1.8	28.9	590	111	39	15	28.1	0.												
60	35	9	8	1.9	28.9	600	109	38	14	26.5	0.												
70	35	9	8	2.2	34.8	610	106	38	14	25.1	0.												
80	35	9	9	2.7	43.8	620	104	37	14	24.2	0.												
90	36	9	13	3.3	46.9	630	102	36	14	22.5	0.												
100	36	10	17	4.0	121.6	640	101	35	13	22.4	0.												
110	37	13	24	5.6	131.4	650	99	34	13	21.5	0.												
120	39	17	30	7.4	142.3	660	97	33	13	20.2	0.												
130	41	25	31	11.3	150.7	670	96	32	13	19.4	0.												
140	46	28	40	15.1	151.8	680	94	31	12	18.7	0.												
150	51	37	45	20.0	147.5	690	92	31	12	18.1	0.												
160	63	44	47	27.5	159.0	700	91	30	12	17.2	0.												
170	75	50	50	35.1	158.7	710	90	29	12	16.7	0.												
180	89	57	52	43.2	136.3	720	89	28	11	16.3	0.												
190	105	64	53	52.3	160.4	780	81	24	11	12.5	0.												
200	121	68	54	63.0	159.7	840	74	22	10	10.0	0.												
210	132	72	55	70.8	158.0	900	69	20	9	8.4	0.												
220	143	77	55	78.9	142.6	960	64	17	9	6.8	0.												
230	151	81	56	84.6	134.5	1020	59	16	8	6.2	0.												
240	159	86	56	92.3	136.2	1080	59	16	8	5.7	0.												
250	166	90	56	99.0	146.2	1140	52	14	8	3.5	0.												
260	172	93	57	105.7	152.0	1200	49	13	8	3.7	0.												
270	177	97	56	110.7	160.5	1260	47	12	8	3.2	0.												
280	181	100	56	114.4	122.9	1320	45	12	8	2.8	0.												
290	184	101	54	117.7	86.3	1380	42	11	8	2.4	0.												
300	185	100	53	117.5	63.5	1440	41	10	8	2.3	0.												
310	185	99	50	115.8	22.7	1500	39	9	8	2.1	0.												
320	185	97	49	113.3	21.6	1560	38	9	8	1.9	0.												
330	184	95	46	110.6	21.6	1620	36	9	8	1.7	0.												
340	182	92	43	107.8	22.0	1680	36	9	8	2.0	0.												
350	180	90	41	104.2	23.7																		
360	177	88	39	99.3	23.7																		
370	176	85	38	96.6	23.7																		
380	173	83	37	92.7	4.9																		
390	171	81	35	89.1	4.9																		
400	167	78	33	83.8	4.9																		
410	164	75	32	80.0	0.																		
420	161	73	30	75.2	0.																		
430	157	71	28	71.1	0.																		
440	155	68	27	68.7	0.																		
450	152	65	25	64.4	0.																		
460	149	63	24	61.6	0.																		
470	146	61	22	57.7	0.																		
480	142	59	21	53.9	0.																		
490	140	56	20	52.1	0.																		
500	136	54	19	47.6	0.																		
510	134	52	19	46.3	0.																		
520	130	50	18	42.1	0.																		
530	126	48	18	38.4	0.																		

資料 3.19　流出量・降雨量および水路水位

DISCHARGE & R.I.　3 -7 -1,　521125,　4　-1　0 AREA=636.M**2　QMAX=155.7MM/H　3　-7　-1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	32	8	7	1.5	10.3	540	70	27	19	13.1	19.3	1080	95	36	22	22.7	30.7	1620	116	49	31	38.5	59.8
10	32	8	7	0.6	10.3	550	72	27	19	13.5	20.1	1090	96	36	22	23.4	31.2	1630	117	50	31	39.7	52.9
20	31	8	7	0.6	10.3	560	73	28	19	13.7	20.9	1100	95	36	22	23.0	31.6	1640	119	51	31	40.5	52.3
30	31	8	7	1.0	10.3	570	74	28	19	14.3	20.9	1110	96	37	22	23.4	31.6	1650	120	51	31	41.9	44.1
40	30	8	7	0.7	10.3	580	75	29	19	14.6	20.9	1120	97	36	22	24.0	44.5	1660	121	52	31	42.7	43.1
50	30	7	7	1.2	10.3	590	77	29	19	15.0	20.9	1130	97	36	22	24.3	50.1	1670	122	53	31	43.2	43.7
60	31	7	7	1.2	10.3	600	78	31	19	15.3	20.9	1140	97	37	22	24.1	50.1	1680	124	53	31	44.2	44.4
70	30	7	7	1.5	10.3	610	79	31	19	15.6	23.5	1150	98	37	22	24.3	50.4	1690	125	53	31	45.5	44.7
80	30	8	7	1.5	10.3	620	79	31	19	15.7	29.4	1160	98	37	22	24.4	47.0	1700	126	53	31	45.7	45.1
90	31	8	7	1.4	10.3	630	80	31	19	15.9	29.4	1170	99	37	22	24.9	37.7	1710	126	54	30	45.7	44.3
100	31	8	7	1.4	10.3	640	81	31	20	16.0	29.9	1180	99	37	22	25.2	37.7	1720	127	54	30	46.3	40.9
110	31	8	8	1.4	10.3	650	82	31	20	16.5	30.5	1190	99	38	22	24.7	37.7	1730	128	55	30	46.7	39.1
120	31	8	8	1.5	10.3	660	82	32	20	16.5	34.1	1200	99	38	22	24.9	36.8	1740	128	55	30	46.7	38.9
130	30	8	8	1.3	10.3	670	83	32	20	16.6	33.8	1210	100	38	22	25.0	35.3	1750	128	55	31	47.0	38.9
140	30	8	8	1.6	10.3	680	83	32	20	16.9	33.1	1220	100	38	22	25.3	35.3	1760	129	54	31	47.3	39.3
150	31	8	8	1.4	10.3	690	84	32	20	17.1	28.9	1230	100	38	22	25.2	35.3	1770	129	55	31	48.1	41.1
160	31	9	9	1.8	10.3	700	84	32	20	17.1	24.7	1240	100	38	21	25.2	35.3	1780	130	55	31	48.4	41.1
170	32	9	9	1.8	10.3	710	85	33	20	17.6	24.7	1250	100	38	22	25.5	31.9	1790	130	55	31	48.1	41.1
180	31	9	9	1.4	10.3	720	85	32	21	17.8	24.7	1260	100	38	22	25.5	33.7	1800	131	55	32	49.0	41.1
190	32	9	10	1.9	10.3	730	86	33	20	18.2	25.2	1270	101	38	22	26.0	36.8	1810	131	55	31	49.1	41.3
200	31	9	10	1.6	12.3	740	86	33	20	18.5	25.3	1280	101	38	22	26.1	36.8	1820	130	55	31	48.8	47.2
210	31	9	10	2.0	16.8	750	87	33	20	18.6	25.3	1290	101	38	22	26.0	36.8	1830	131	55	32	48.8	47.6
220	32	9	11	1.8	16.8	760	87	34	20	18.8	27.6	1300	101	39	23	26.1	30.1	1840	132	56	32	49.9	47.6
230	32	9	11	2.3	16.8	770	88	34	20	19.3	27.6	1310	102	39	22	26.9	31.1	1850	132	57	33	50.8	50.2
240	33	10	11	2.5	17.0	780	88	34	20	19.2	27.6	1320	102	39	23	26.6	31.4	1860	132	56	34	50.4	53.0
250	33	10	11	2.4	17.7	790	89	34	20	19.4	27.6	1330	102	40	23	26.6	31.4	1870	132	58	35	50.8	53.0
260	34	11	12	2.8	27.1	800	89	34	20	19.4	27.6	1340	102	39	23	26.7	31.4	1880	133	59	36	51.9	53.9
270	34	11	12	2.7	30.2	810	89	34	20	19.4	28.0	1350	102	39	23	26.9	32.2	1890	134	60	36	53.2	59.4
280	35	11	12	3.1	30.2	820	90	34	20	19.8	29.6	1360	103	40	23	27.4	33.1	1900	135	61	38	54.3	59.7
290	36	12	12	3.0	30.2	830	90	34	20	19.6	29.6	1370	103	40	24	27.7	32.4	1910	136	62	37	55.1	61.7
300	36	12	13	3.3	30.2	840	90	34	20	19.8	29.6	1380	103	40	23	28.0	32.5	1920	138	63	38	57.5	68.7
310	36	13	13	3.5	30.2	850	91	34	20	20.3	29.6	1390	104	40	24	28.0	28.7	1930	139	64	38	58.7	68.7
320	37	14	13	3.6	30.4	860	91	34	20	20.5	29.6	1400	104	41	24	28.2	26.1	1940	139	65	38	59.0	69.9
330	38	14	14	4.1	30.8	870	91	34	20	20.7	26.2	1410	105	40	24	29.0	26.1	1950	141	66	38	60.9	67.6
340	39	15	14	4.3	30.3	880	92	34	20	20.9	25.8	1420	105	40	24	28.5	26.1	1960	143	66	37	62.5	62.7
350	40	16	14	4.6	30.3	890	92	34	20	21.0	26.7	1430	105	41	24	28.4	26.1	1970	143	66	38	63.1	65.5
360	41	16	15	4.8	30.3	900	92	35	20	21.1	34.3	1440	105	41	25	28.5	26.1	1980	145	67	38	64.4	68.3
370	42	17	15	5.3	30.3	910	93	34	21	21.1	30.6	1450	105	41	24	28.9	32.8	1990	146	68	38	65.2	65.8
380	43	18	16	5.5	30.3	920	92	35	21	21.0	30.2	1460	105	42	25	28.9	37.9	2000	147	68	38	66.3	60.5
390	45	19	16	6.1	30.3	930	93	35	21	21.4	29.0	1470	106	42	25	29.2	38.5	2010	148	69	39	67.2	59.6
400	46	20	16	6.5	30.3	940	93	35	21	21.3	24.5	1480	106	42	25	29.5	38.5	2020	148	69	39	67.8	59.6
410	47	21	16	6.9	24.6	950	94	35	20	21.8	24.5	1490	106	42	25	29.7	35.7	2030	149	70	40	68.2	60.8
420	49	21	16	7.6	24.3	960	93	34	21	21.1	26.0	1500	107	42	25	30.0	33.9	2040	150	70	40	69.0	60.2
430	51	22	17	7.9	24.7	970	94	34	20	21.9	27.1	1510	107	42	25	30.0	37.1	2050	151	72	40	70.1	59.6
440	53	23	17	8.6	24.6	980	94	34	20	21.7	27.1	1520	107	42	25	30.4	37.1	2060	151	71	40	70.9	58.1
450	55	24	17	9.4	24.6	990	93	34	20	21.4	27.1	1530	108	42	25	30.8	37.5	2070	151	71	39	70.6	58.9
460	56	24	17	9.6	24.6	1000	94	34	20	21.4	28.3	1540	108	43	25	31.3	40.3	2080	152	72	39	70.8	61.7
470	58	25	18	10.2	24.6	1010	95	34	20	22.1	28.3	1550	108	43	25	31.5	48.5	2090	153	72	39	72.0	69.9
480	61	24	18	10.6	31.0	1020	94	34	20	22.1	28.3	1560	109	43	26	32.3	60.8	2100	153	72	38	72.0	69.4
490	63	25	18	11.3	50.4	1030	94	35	20	21.8	28.5	1570	110	44	27	32.9	60.2	2110	153	72	38	72.1	71.6
500	64	25	18	11.8	24.3	1040	94	35	21	21.6	28.5	1580	111	45	28	34.2	69.4	2120	153	72	39	72.6	72.5
510	66	26	19	11.8	18.7	1050	95	35	21	22.2	29.8	1590	112	46	29	34.9	72.3	2130	153	72	39	72.7	98.9
520	67	26	19	12.2	18.7	1060	94	36	22	22.1	30.7	1600	113	47	30	35.9	70.2	2140	154	73	38	74.2	93.2
530	69	27	19	12.7	18.7	1070	95	36	22	22.2	30.7	1610	115	49	30	37.6	69.2	2150	155	73	39	74.9	115.2

資料 3.20　流出量・降雨量および水路水位

DISCHARGE & R.I. 3 -7 -1, 521125, 4 -1 0 AREA=636.M**2 QMAX=155.7MM/H 3 -7 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	155	74	41	75.8	121.3	2700	170	82	40	91.4	53.2	3240	130	55	30	46.9	50.0	3780	104	39	21	27.3	30.7
2170	156	74	43	77.2	116.3	2710	169	82	39	89.7	54.0	3250	129	55	29	45.6	48.9	3790	104	39	21	27.1	27.3
2180	157	76	45	78.8	136.2	2720	168	81	39	88.4	54.0	3260	129	53	29	45.2	68.0	3800	104	38	21	27.1	27.3
2190	158	77	45	80.8	160.2	2730	167	80	38	87.6	50.9	3270	128	53	29	44.4	78.2	3810	104	38	21	26.6	27.3
2200	160	79	46	83.3	142.7	2740	166	80	38	86.4	47.7	3280	126	52	29	43.3	78.2	3820	103	38	21	26.5	27.4
2210	162	81	48	86.4	147.7	2750	165	79	37	85.1	44.5	3290	126	52	29	43.3	64.9	3830	103	38	21	26.0	27.7
2220	165	83	51	90.7	135.1	2760	164	78	36	82.8	44.5	3300	126	51	29	42.8	44.1	3840	102	38	21	25.4	27.7
2230	168	86	53	95.0	142.4	2770	163	77	35	82.0	40.3	3310	125	51	28	42.7	41.3	3850	102	38	21	25.4	27.7
2240	171	89	54	99.6	139.7	2780	162	76	34	80.6	39.5	3320	125	51	28	42.1	40.4	3860	101	38	21	25.3	28.4
2250	173	91	55	103.2	129.5	2790	161	74	33	78.6	39.5	3330	124	50	28	41.4	36.7	3870	101	38	21	25.3	30.0
2260	176	95	56	106.6	140.1	2800	159	74	33	76.7	38.8	3340	123	50	28	40.9	36.7	3880	101	38	21	24.9	37.8
2270	180	97	56	112.8	130.9	2810	158	72	32	74.7	38.1	3350	123	49	28	40.4	36.4	3890	101	38	20	25.3	56.1
2280	183	100	56	117.9	120.9	2820	156	71	32	72.5	38.1	3360	123	50	27	40.8	33.0	3900	100	38	21	24.7	63.9
2290	186	103	57	121.9	134.7	2830	155	70	32	71.9	40.3	3370	122	49	28	39.9	33.0	3910	100	38	21	24.6	33.1
2300	190	106	57	127.5	138.2	2840	154	69	32	70.1	40.5	3380	121	49	28	39.4	33.0	3920	100	37	21	24.3	33.3
2310	192	108	56	130.1	129.1	2850	153	68	32	68.8	42.7	3390	121	49	28	39.2	34.3	3930	100	37	21	24.4	34.2
2320	195	110	56	134.6	124.0	2860	151	68	32	67.0	42.7	3400	121	48	27	38.8	35.7	3940	100	37	21	24.6	26.7
2330	196	112	56	136.4	143.2	2870	150	67	32	65.6	40.6	3410	120	47	27	38.0	35.7	3950	99	37	21	24.3	21.6
2340	198	112	56	138.8	126.4	2880	147	66	32	62.7	32.6	3420	119	48	27	37.4	32.3	3960	99	36	20	24.0	21.6
2350	199	112	56	140.4	89.8	2890	147	65	31	62.2	32.7	3430	118	47	27	36.6	28.9	3970	99	37	20	23.8	21.6
2360	200	113	56	142.7	95.9	2900	146	65	32	61.8	32.7	3440	118	47	26	36.4	32.1	3980	99	36	21	24.0	23.8
2370	202	114	56	145.3	86.9	2910	145	64	32	60.6	32.5	3450	117	46	26	36.0	32.1	3990	99	36	20	24.0	24.7
2380	204	116	57	150.1	85.5	2920	143	63	31	58.9	31.8	3460	117	46	27	35.8	32.1	4000	98	36	20	23.7	24.7
2390	205	119	57	150.5	87.0	2930	142	62	31	57.7	32.0	3470	116	46	26	35.5	32.1	4010	98	36	20	23.5	24.7
2400	206	120	57	152.9	84.8	2940	141	61	31	56.8	32.0	3480	116	46	26	35.0	31.7	4020	98	36	20	22.9	23.1
2410	208	120	57	155.7	85.9	2950	140	61	32	56.2	33.2	3490	115	46	27	34.5	31.7	4030	98	36	20	23.1	20.7
2420	208	119	57	155.4	184.2	2960	139	61	32	55.2	36.0	3500	115	46	26	34.5	31.7	4040	97	35	20	22.8	25.4
2430	209	120	56	154.9	92.5	2970	138	60	32	54.5	36.0	3510	114	45	25	33.7	31.7	4050	96	35	20	22.2	26.5
2440	208	119	56	153.1	83.7	2980	138	61	33	55.0	35.8	3520	113	45	25	33.0	31.7	4060	96	36	20	22.2	26.5
2450	208	118	55	151.7	84.0	2990	137	60	34	54.1	35.4	3530	113	45	24	32.6	31.2	4070	96	35	20	22.2	26.5
2460	205	116	53	145.5	93.7	3000	137	60	34	54.4	35.4	3540	112	44	24	32.5	29.2	4080	96	35	20	22.0	26.0
2470	204	113	53	143.2	113.9	3010	138	60	35	55.1	34.1	3550	112	43	24	32.3	29.1	4090	96	35	20	22.2	25.2
2480	202	112	52	140.1	109.6	3020	137	61	36	55.0	22.0	3560	112	43	23	-24.1	29.1	4100	95	35	20	21.9	22.5
2490	200	110	51	136.9	95.2	3030	137	62	35	54.7	22.0	3570	112	43	23	32.3	29.1	4110	95	35	20	21.8	22.5
2500	198	108	51	133.1	95.4	3040	138	62	35	55.2	22.0	3580	111	43	24	32.1	29.1	4120	95	35	20	21.9	22.5
2510	196	106	50	129.4	78.2	3050	138	61	35	55.6	22.0	3590	-73	-125	-37	-0.8	29.1	4130	95	35	20	22.0	22.7
2520	194	104	49	125.9	97.2	3060	137	61	34	54.9	22.0	3600	110	42	23	31.2	29.1	4140	95	34	20	22.4	23.5
2530	192	101	49	122.7	81.0	3070	138	61	33	54.9	22.0	3610	110	42	23	31.2	30.4	4150	95	35	20	21.8	23.0
2540	190	100	48	118.8	72.7	3080	137	61	33	53.8	22.0	3620	109	42	23	86.8	29.2	4160	95	35	20	21.5	22.4
2550	187	99	48	115.1	89.5	3090	138	61	33	55.1	22.0	3630	110	42	24	30.7	29.2	4170	95	35	20	21.6	22.3
2560	186	96	47	112.7	71.7	3100	137	61	33	53.8	24.8	3640	109	42	24	30.2	29.2	4180	95	34	20	21.6	21.3
2570	184	95	46	110.7	63.6	3110	137	60	33	53.8	36.8	3650	108	42	24	29.7	28.6	4190	94	34	20	20.9	21.3
2580	183	94	45	109.5	63.1	3120	137	59	33	53.5	36.8	3660	108	42	23	29.2	28.4	4200	93	34	20	20.5	21.3
2590	181	92	43	106.9	61.0	3130	136	59	33	53.3	36.8	3670	107	42	23	28.8	28.1	4210	94	34	20	20.9	21.3
2600	180	91	43	104.5	61.7	3140	135	59	32	52.0	36.8	3680	107	41	23	28.6	28.0	4220	93	33	20	20.6	21.3
2610	178	90	42	102.2	58.7	3150	135	59	32	51.9	35.8	3690	107	41	23	28.6	28.0	4230	93	34	20	21.1	22.2
2620	178	89	43	102.5	50.7	3160	135	58	31	51.7	25.1	3700	106	41	23	28.5	28.0	4240	93	34	19	21.1	22.8
2630	176	88	43	99.7	48.6	3170	134	58	32	51.1	25.1	3710	106	41	22	28.3	28.0	4250	92	34	19	20.5	22.8
2640	175	88	42	97.7	48.6	3180	134	57	32	50.3	45.8	3720	105	41	22	27.9	28.0	4260	93	34	20	20.9	22.8
2650	174	87	42	96.3	49.8	3190	133	56	32	49.2	48.1	3730	105	41	22	27.8	28.7	4270	94	34	19	21.4	23.6
2660	173	86	42	95.2	56.8	3200	133	57	32	49.5	48.6	3740	105	40	21	27.8	30.5	4280	93	34	20	21.2	23.8
2670	172	85	41	94.0	57.6	3210	132	56	32	48.4	44.9	3750	105	40	22	28.1	30.5	4290	93	34	20	20.6	23.8
2680	172	84	41	94.0	55.7	3220	131	56	31	47.9	46.0	3760	104	40	21	27.3	30.8	4300	93	34	20	20.6	21.6
2690	171	84	41	92.6	53.8	3230	131	55	30	47.8	50.4	3770	104	39	21	26.9	31.5	4310	93	34	20	20.3	22.2

資料 3.21　流出量・降雨量および水路水位

DISCHARGE & R.I.　3 -7 -1,　521125,　4　-1　0 AREA=636.M**2　QMAX=155.7MM/H　3 -7 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
4320	93	34	19	20.5	22.2	4860	68	21	12	8.6	0.	5400	45	12	8	3.2	0.						
4330	92	34	19	20.1	22.2	4870	67	21	11	7.9	0.	5410	45	12	8	3.3	0.						
4340	92	33	20	19.9	22.2	4880	66	20	11	7.7	0.	5420	45	11	9	3.3	0.						
4350	92	33	20	19.8	23.6	4890	66	20	11	7.4	0.	5430	44	11	9	3.4	0.						
4360	92	33	20	19.9	23.9	4900	64	20	11	7.1	0.												
4370	92	33	20	20.1	23.9	4910	64	20	11	7.2	0.												
4380	91	33	19	19.8	23.9	4920	63	20	11	6.6	0.												
4390	91	33	19	19.8	23.9	4930	62	19	11	6.8	0.												
4400	91	33	20	19.7	24.1	4940	62	18	11	6.6	0.												
4410	91	33	20	19.7	23.8	4950	61	18	11	6.5	0.												
4420	91	33	19	19.7	23.0	4960	61	18	11	6.6	0.												
4430	91	33	19	19.4	23.0	4970	60	18	11	6.2	0.												
4440	90	33	19	19.0	14.2	4980	59	17	11	6.0	0.												
4450	90	-125	19	19.0	14.2	4990	60	17	10	6.3	0.												
4460	90	33	19	19.0	14.2	5000	59	17	10	6.3	0.												
4470	90	32	19	19.0	14.2	5010	58	17	10	6.0	0.												
4480	90	32	19	19.0	14.2	5020	58	17	10	5.7	0.												
4490	89	32	19	18.6	8.7	5030	58	17	10	5.4	0.												
4500	90	32	19	19.0	2.0	5040	57	17	10	5.5	0.												
4510	90	32	19	18.9	2.0	5050	57	16	10	5.2	0.												
4520	89	32	19	18.8	2.0	5060	56	16	10	4.9	0.												
4530	89	32	19	18.8	2.0	5070	55	16	10	4.8	0.												
4540	89	32	19	18.2	2.0	5080	55	16	10	4.7	0.												
4550	89	31	19	18.4	2.0	5090	54	16	10	4.8	0.												
4560	89	32	18	18.5	2.0	5100	54	16	10	4.7	0.												
4570	88	31	18	18.1	2.0	5110	53	16	9	4.6	0.												
4580	88	31	18	17.9	2.0	5120	53	16	9	4.6	0.												
4590	88	31	18	17.1	2.0	5130	53	16	9	4.5	0.												
4600	88	31	18	17.5	2.0	5140	52	15	9	4.5	0.												
4610	87	30	17	17.0	2.0	5150	52	15	9	4.2	0.												
4620	86	30	17	16.4	2.0	5160	51	15	9	4.3	0.												
4630	86	30	16	16.3	2.0	5170	51	15	9	4.3	0.												
4640	85	29	16	15.8	2.0	5180	51	14	9	4.1	0.												
4650	85	29	16	16.1	2.0	5190	51	14	9	4.3	0.												
4660	84	28	16	15.4	2.0	5200	50	13	9	4.0	0.												
4670	84	28	15	15.1	2.0	5210	50	14	9	3.9	0.												
4680	83	27	15	14.6	2.0	5220	50	14	9	3.9	0.												
4690	83	27	15	14.5	2.0	5230	49	14	9	3.7	0.												
4700	82	27	15	13.6	2.0	5240	49	13	8	3.9	0.												
4710	81	26	14	13.3	2.0	5250	49	13	8	3.6	0.												
4720	80	26	14	12.9	2.0	5260	48	13	8	3.6	0.												
4730	78	25	14	12.2	2.0	5270	48	13	8	3.8	0.												
4740	78	25	14	12.2	2.0	5280	47	13	9	3.5	0.												
4750	77	25	14	11.6	2.0	5290	48	13	8	3.6	0.												
4760	77	25	14	11.7	2.0	5300	47	13	8	3.5	0.												
4770	76	24	13	11.0	2.0	5310	47	13	8	3.5	0.												
4780	75	24	13	10.7	2.0	5320	46	13	8	3.2	0.												
4790	74	24	13	9.9	0.	5330	47	12	8	3.4	0.												
4800	73	24	13	9.5	0.	5340	46	12	8	3.1	0.												
4810	72	23	13	9.4	0.	5350	46	12	8	3.2	0.												
4820	70	22	12	8.7	0.	5360	46	12	8	3.1	0.												
4830	69	21	12	8.6	0.	5370	45	12	8	3.3	0.												
4840	69	21	12	8.3	0.	5380	45	12	9	3.2	0.												
4850	68	21	12	8.3	0.	5390	45	12	8	3.2	0.												

資料 3.22　流出量・降雨量および水路水位

DISCHARGE & R.I., 4 -1 -1, 521126, 4 -2 0 AREA=636.M**2 QMAX=148.9MM/H 4 -1 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	8	6	7	0.1	22.5	540	62	28	22	12.5	38.0	1080	97	37	25	23.3	30.0	1620	104	41	27	27.6	51.2
10	8	6	7	-0.2	22.5	550	65	29	23	12.8	37.5	1090	97	38	25	23.7	30.0	1630	104	41	27	27.5	54.0
20	8	6	7	0.1	22.5	560	68	29	23	13.8	37.3	1100	97	38	25	23.6	30.0	1640	104	41	27	27.6	59.7
30	7	6	6	-0.2	22.5	570	70	30	23	14.2	37.3	1110	98	38	25	24.3	31.7	1650	104	41	27	28.1	59.7
40	7	6	7	-0.1	22.5	580	71	30	23	14.4	33.8	1120	98	37	25	24.6	32.8	1660	104	41	27	28.1	66.4
50	8	6	7	-0.1	22.5	590	73	30	23	14.7	29.3	1130	98	38	25	24.5	37.1	1670	105	41	27	28.6	67.5
60	7	6	7	-0.1	22.5	600	75	30	23	15.2	29.3	1140	98	38	25	24.3	37.6	1680	105	41	27	28.1	63.7
70	7	6	7	0.1	22.5	610	76	31	23	15.6	29.3	1150	99	38	25	24.6	37.6	1690	105	41	27	27.9	67.5
80	7	6	7	-0.1	22.5	620	78	31	23	16.1	28.7	1160	98	38	26	24.2	37.6	1700	106	41	27	28.2	57.6
90	7	6	7	0.2	22.0	630	79	32	23	16.5	26.4	1170	99	39	26	24.6	37.6	1710	104	41	28	26.9	46.6
100	7	6	7	0.1	17.6	640	81	32	23	16.9	27.2	1180	99	38	25	24.3	38.9	1720	103	41	28	26.3	46.6
110	7	6	7	0.1	20.2	650	82	32	23	17.0	27.4	1190	99	39	25	24.0	38.9	1730	103	41	28	26.4	38.4
120	7	6	7	0.2	20.2	660	83	32	23	17.8	27.4	1200	99	39	25	24.2	38.4	1740	104	41	27	27.3	38.4
130	7	5	7	0.2	20.2	670	84	32	23	17.8	27.4	1210	98	39	24	23.1	39.0	1750	104	41	27	27.8	38.4
140	7	6	8	0.1	20.2	680	84	33	23	18.2	29.3	1220	97	38	24	23.1	40.7	1760	104	40	27	27.8	37.3
150	7	5	8	0.1	20.2	690	86	34	23	18.8	33.9	1230	97	38	24	23.0	40.7	1770	104	40	27	28.1	35.7
160	8	6	9	0.2	20.2	700	86	33	23	19.0	33.9	1240	97	38	25	23.4	40.7	1780	104	41	27	28.5	35.7
170	7	6	9	0.3	20.2	710	87	34	23	19.5	36.2	1250	98	38	24	23.9	48.6	1790	105	40	27	29.0	35.7
180	7	6	9	0.3	20.2	720	88	34	24	19.7	35.3	1260	98	39	25	23.9	49.7	1800	106	42	27	30.1	38.2
190	8	7	9	0.4	20.2	730	89	34	24	19.9	34.5	1270	98	38	25	23.9	47.2	1810	107	42	28	30.3	48.0
200	8	7	10	0.7	20.2	740	90	35	24	20.3	34.5	1280	98	38	25	23.9	47.3	1820	107	42	28	30.8	50.3
210	8	7	10	0.7	23.7	750	90	34	24	20.4	34.5	1290	98	39	25	24.0	47.3	1830	108	43	29	30.7	65.7
220	9	7	11	0.7	23.7	760	91	35	24	20.7	33.6	1300	98	39	25	24.0	53.7	1840	108	43	29	30.8	56.1
230	9	8	12	0.7	24.1	770	91	35	24	20.6	32.1	1310	98	39	25	24.5	53.7	1850	109	43	29	31.6	38.4
240	9	8	12	1.0	25.8	780	92	35	24	20.9	32.1	1320	99	39	25	24.6	50.5	1860	109	44	30	31.6	39.5
250	10	8	12	1.0	29.2	790	92	36	24	21.0	30.9	1330	99	39	25	24.7	50.2	1870	110	45	31	32.4	44.7
260	10	8	13	1.1	29.2	800	92	36	24	21.0	30.8	1340	99	39	25	24.7	55.4	1880	111	45	32	33.0	43.2
270	11	9	13	1.3	29.2	810	93	36	24	21.1	31.7	1350	99	39	25	24.5	62.0	1890	111	46	32	33.9	37.3
280	12	9	14	1.5	29.2	820	93	36	24	21.0	30.9	1360	99	39	26	25.0	58.1	1900	111	47	33	34.0	37.9
290	13	9	14	1.8	29.2	830	93	36	24	21.4	30.9	1370	99	39	26	24.5	57.0	1910	112	47	33	34.2	39.1
300	13	10	15	1.7	32.5	840	93	36	24	21.2	30.9	1380	99	39	26	25.0	41.6	1920	114	48	33	35.7	36.1
310	14	10	15	1.7	32.5	850	93	36	24	21.5	30.9	1390	100	39	26	25.5	37.7	1930	114	48	33	36.2	36.1
320	16	10	15	1.6	32.5	860	94	36	24	21.8	30.9	1400	100	39	27	25.5	44.9	1940	114	49	34	36.4	36.1
330	16	11	16	1.9	32.5	870	94	36	25	21.8	33.7	1410	100	39	27	25.6	47.3	1950	115	49	34	37.0	35.5
340	17	12	16	2.1	30.9	880	95	36	24	22.3	36.5	1420	100	40	27	25.3	45.9	1960	117	49	34	38.5	33.2
350	17	12	17	2.1	33.1	890	95	36	25	22.6	36.5	1430	101	40	27	25.9	44.9	1970	117	50	34	38.6	33.2
360	18	13	17	2.3	33.1	900	95	37	24	22.3	39.9	1440	101	40	26	25.8	45.6	1980	119	50	34	39.6	33.2
370	20	14	17	3.0	33.1	910	95	37	24	22.0	42.7	1450	101	40	27	25.9	45.6	1990	119	51	34	39.2	37.5
380	21	15	18	3.5	35.0	920	96	36	24	22.3	45.2	1460	101	40	27	26.1	45.6	2000	120	51	34	40.4	37.0
390	22	16	18	3.7	37.4	930	95	36	24	21.6	45.2	1470	101	40	27	26.2	41.0	2010	120	51	34	40.3	37.7
400	25	17	18	4.1	37.4	940	95	36	24	21.9	40.3	1480	102	40	27	26.5	40.4	2020	121	51	35	40.7	38.9
410	27	17	18	4.4	37.4	950	95	36	24	21.9	35.0	1490	102	41	27	26.5	41.3	2030	122	51	35	41.8	38.9
420	29	19	19	5.3	33.6	960	95	36	24	22.1	35.0	1500	102	41	26	26.8	41.3	2040	122	51	35	41.8	38.9
430	31	20	19	5.6	33.6	970	96	36	24	22.8	38.1	1510	102	40	27	26.7	41.3	2050	122	52	35	41.8	38.9
440	32	21	20	6.0	35.2	980	95	36	24	22.0	38.8	1520	103	41	27	26.9	37.5	2060	123	52	36	41.9	39.5
450	36	22	20	6.6	35.8	990	96	37	24	22.6	38.8	1530	103	41	27	26.9	36.1	2070	123	53	35	42.6	36.6
460	39	23	20	7.4	38.9	1000	96	37	24	22.6	37.0	1540	103	41	27	27.0	34.3	2080	124	53	35	42.8	36.6
470	41	24	21	8.3	41.9	1010	95	37	24	22.3	36.5	1550	102	41	27	26.6	34.3	2090	124	53	35	43.4	38.5
480	44	25	21	8.7	42.0	1020	96	37	24	22.6	36.3	1560	103	41	27	26.9	36.9	2100	125	54	35	44.2	46.2
490	47	25	21	9.6	41.3	1030	96	37	24	22.5	27.7	1570	103	41	27	27.3	39.0	2110	124	54	35	43.7	45.5
500	50	26	21	10.3	40.2	1040	96	37	24	23.2	27.7	1580	103	41	27	27.5	44.5	2120	125	53	36	44.5	42.5
510	54	27	22	11.0	40.2	1050	97	37	24	23.2	27.7	1590	103	41	27	27.3	44.5	2130	126	53	36	44.9	42.5
520	57	27	22	11.8	43.3	1060	97	37	24	23.3	27.7	1600	104	41	26	27.5	44.5	2140	126	53	36	44.9	43.9
530	60	28	22	12.5	38.0	1070	97	37	25	23.4	28.9	1610	104	41	27	27.5	48.2	2150	126	54	36	45.2	44.6

資料 3.23　流出量・降雨量および水路水位

DISCHARGE & R.I.,　4 -1 -1,　521126,　4　-2　0 AREA=636.M**2　QMAX=148.9MM/H　4 -1 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	127	54	37	46.2	41.7
2170	127	55	37	46.0	38.3
2180	127	55	37	46.3	42.1
2190	128	55	37	47.0	41.8
2200	129	55	38	47.9	41.4
2210	129	56	38	47.8	41.4
2220	130	56	38	48.0	38.8
2230	129	57	38	47.5	43.6
2240	129	56	38	47.5	43.6
2250	130	57	38	47.7	34.6
2260	130	57	38	48.5	34.6
2270	130	57	38	48.6	34.6
2280	130	57	38	48.6	35.7
2290	131	58	38	49.2	36.8
2300	131	57	39	49.7	38.4
2310	132	57	38	50.1	39.1
2320	133	57	38	51.0	38.8
2330	133	57	37	50.9	38.8
2340	133	58	37	50.7	41.2
2350	133	57	38	51.2	49.4
2360	133	58	38	50.9	48.9
2370	133	58	38	50.9	43.9
2380	134	59	39	51.8	43.9
2390	133	59	40	51.5	53.8
2400	133	60	40	51.6	73.7
2410	134	60	40	51.9	63.4
2420	136	61	40	54.5	65.9
2430	136	62	40	55.1	48.1
2440	137	62	39	55.8	48.1
2450	138	62	40	56.9	48.1
2460	138	63	40	57.4	44.9
2470	139	63	40	58.3	44.9
2480	140	64	39	58.9	46.9
2490	141	64	39	59.4	46.9
2500	141	64	39	59.4	47.9
2510	141	64	38	59.4	47.9
2520	142	64	38	59.5	46.7
2530	141	64	38	58.7	43.4
2540	142	65	38	59.5	43.2
2550	141	64	38	58.4	43.2
2560	141	64	37	58.0	46.6
2570	140	64	37	57.1	45.9
2580	140	62	37	57.4	50.0
2590	140	63	37	57.3	50.0
2600	140	62	36	56.9	50.0
2610	140	62	36	56.8	49.3
2620	139	62	36	55.6	46.6
2630	139	62	36	55.8	46.6
2640	138	62	36	55.2	46.6
2650	138	62	36	54.8	48.2
2660	138	61	36	54.8	49.0
2670	138	61	36	54.5	49.0
2680	137	61	37	54.2	48.8
2690	137	61	37	54.0	50.7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2700	137	61	37	54.3	50.4
2710	137	60	37	54.3	50.4
2720	137	59	38	53.5	50.9
2730	137	60	38	54.0	54.1
2740	137	60	40	53.0	57.5
2750	136	58	40	53.0	55.4
2760	136	58	41	53.5	56.8
2770	134	60	41	52.1	54.6
2780	137	62	41	55.0	54.6
2790	138	62	42	57.2	52.9
2800	139	63	42	58.9	55.5
2810	139	63	42	57.9	59.1
2820	140	63	42	58.4	60.8
2830	140	65	42	58.7	56.1
2840	141	65	42	60.0	55.0
2850	142	65	42	60.1	55.5
2860	142	64	42	60.6	57.6
2870	143	65	42	60.9	57.4
2880	142	65	42	60.4	56.8
2890	143	67	42	60.9	58.6
2900	143	66	42	61.3	57.1
2910	144	65	42	62.1	56.4
2920	144	66	41	62.5	56.0
2930	144	66	41	62.3	56.7
2940	145	67	41	62.7	69.5
2950	145	66	41	62.5	69.7
2960	145	67	41	62.7	69.1
2970	145	66	41	62.7	65.7
2980	145	67	41	62.7	62.5
2990	145	66	43	63.4	59.1
3000	146	67	44	64.0	64.7
3010	146	67	45	63.9	65.4
3020	146	67	45	64.4	69.8
3030	147	67	46	65.1	78.5
3040	146	68	46	64.5	82.6
3050	147	69	46	65.2	88.4
3060	148	70	46	66.6	85.7
3070	148	70	46	66.7	81.9
3080	149	71	46	67.9	80.0
3090	150	71	47	69.7	78.9
3100	150	72	48	69.9	78.9
3110	151	73	47	70.8	77.1
3120	152	73	47	72.2	78.9
3130	153	74	48	73.2	77.5
3140	153	74	48	73.6	73.7
3150	154	75	47	73.7	78.2
3160	155	75	48	75.4	81.0
3170	156	75	-43	75.9	67.9
3180	156	75	47	76.0	65.8
3190	156	76	-43	76.1	65.6
3200	156	76	47	76.0	67.1
3210	157	76	-43	77.2	67.4
3220	157	76	47	77.0	68.8
3230	157	76	47	77.4	69.1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
3240	157	76	47	77.0	70.0
3250	157	76	47	77.0	93.2
3260	159	77	48	79.1	104.7
3270	158	77	48	78.5	127.1
3280	158	77	48	78.6	134.7
3290	159	78	47	79.5	117.7
3300	159	78	47	79.8	121.8
3310	160	78	49	80.9	118.2
3320	160	79	50	81.6	119.6
3330	161	80	51	82.6	113.9
3340	162	81	53	84.6	147.4
3350	164	82	55	87.1	129.8
3360	165	84	56	89.7	130.8
3370	166	86	58	91.2	134.9
3380	168	88	59	94.9	144.4
3390	171	90	60	99.0	152.9
3400	174	93	62	102.8	162.6
3410	177	96	63	106.9	139.5
3420	178	99	63	109.7	133.7
3430	181	101	63	113.3	137.1
3440	183	103	63	116.7	136.4
3450	186	104	64	121.3	139.8
3460	189	106	64	125.0	126.2
3470	191	107	64	127.8	180.1
3480	193	109	64	131.3	136.4
3490	195	111	64	133.9	141.1
3500	196	112	64	136.2	149.0
3510	198	113	64	137.9	144.2
3520	198	114	65	138.8	148.8
3530	200	115	65	141.0	136.7
3540	200	116	64	141.1	135.2
3550	202	116	64	144.5	145.4
3560	202	117	65	145.1	133.8
3570	204	117	65	148.1	136.5
3580	205	118	65	148.4	174.0
3590	205	119	65	148.9	129.9
3600	204	119	64	145.2	109.8
3610	204	118	63	144.7	48.5
3620	203	115	62	143.1	29.0
3630	201	113	60	139.4	29.0
3640	200	111	59	137.1	55.8
3650	198	108	56	133.0	35.9
3660	196	106	54	128.6	27.3
3670	194	103	52	124.8	27.3
3680	191	100	49	119.6	28.9
3690	188	97	47	114.9	32.7
3700	185	94	47	109.8	32.7
3710	182	91	46	103.4	21.1
3720	179	89	44	99.8	18.7
3730	176	88	43	94.2	18.7
3740	169	85	38	84.9	18.7
3750	166	82	36	81.1	27.3
3760	163	78	35	10.1	31.0
3770	160	76	33	76.0	29.4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
3780	158	74	31	73.2	27.7
3790	-65	71	-43	-4.0	27.7
3800	155	69	29	69.8	20.9
3810	152	67	29	66.9	20.9
3820	150	65	28	131.6	20.9
3830	147	63	27	59.9	24.3
3840	144	61	26	56.9	27.7
3850	141	59	25	53.7	27.7
3860	138	57	24	50.3	18.7
3870	136	55	23	48.4	18.7
3880	133	53	22	45.6	18.7
3890	130	51	22	43.3	18.7
3900	127	50	21	40.6	11.7
3910	124	48	20	38.1	11.7
3920	123	47	20	36.4	8.0
3930	120	45	19	35.0	8.0
3940	117	44	19	32.9	8.0
3950	114	42	18	30.8	8.0
3960	113	41	18	30.1	8.0
3970	111	40	18	28.8	9.7
3980	110	39	18	28.0	11.3
3990	107	38	17	26.2	11.3
4000	106	38	17	25.4	11.3
4010	104	37	17	24.1	11.3
4020	102	35	17	23.6	0.
4030	100	35	17	22.4	0.
4040	99	34	16	21.8	0.
4050	98	34	16	21.1	0.
4060	97	34	16	20.7	0.
4070	96	33	16	20.1	0.
4080	94	32	16	18.7	0.
4090	93	32	16	18.4	0.
4100	92	32	16	17.6	0.
4110	90	31	16	17.1	0.
4120	88	31	15	16.2	0.
4130	87	30	15	15.8	0.
4140	87	29	14	15.9	0.
4150	86	28	14	15.6	0.
4160	85	28	14	15.1	0.
4170	84	26	14	16.2	0.

資料 3.24　流出量・降雨量および水路水位

DISCHARGE & R.I. 4 -2 -1, 521126, 1-200 0 AREA=636.M**2 QMAX=157.3MM/H 4 -2 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	9	8	1.5	20.8	540	209	122	66	155.9	165.0	1080	210	124	66	157.6	153.4	1620	210	124	66	158.4	138.8
10	31	9	8	1.5	20.8	550	209	122	65	155.7	166.7	1090	-	-	-	-	136.2	1630	-	-	-	-	163.1
20	31	9	8	1.3	20.8	560	209	122	66	155.7	110.6	1100	-	-	-	-	139.7	1640	-	-	-	-	152.5
30	31	9	8	1.3	20.8	570	209	122	66	155.7	128.5	1110	-	-	-	-	143.7	1650	-	-	-	-	179.7
40	31	9	8	1.3	20.8	580	209	122	66	155.7	173.1	1120	-	-	-	-	131.0	1660	-	-	-	-	192.0
50	31	9	8	1.3	20.8	590	209	122	66	155.7	160.9	1130	-	-	-	-	134.6	1670	-	-	-	-	160.7
60	31	9	8	1.3	20.8	600	209	122	67	155.7	151.4	1140	210	124	65	157.5	159.7	1680	210	124	65	157.5	181.2
70	31	9	8	1.3	20.8	610	209	122	67	155.7	156.9	1150	-	-	-	-	164.5	1690	-	-	-	-	175.4
80	31	9	8	1.6	20.8	620	209	122	66	155.7	157.5	1160	-	-	-	-	180.6	1700	-	-	-	-	156.2
90	31	9	8	1.6	20.8	630	209	122	66	155.7	134.9	1170	-	-	-	-	174.7	1710	-	-	-	-	165.7
100	31	9	8	1.7	20.8	640	209	122	66	155.7	133.4	1180	-	-	-	-	159.9	1720	-	-	-	-	154.7
110	31	9	9	1.9	38.0	650	209	122	66	155.7	156.6	1190	-	-	-	-	147.1	1730	-	-	-	-	182.9
120	31	9	10	2.5	109.7	660	209	122	67	155.7	130.9	1200	209	124	65	156.5	139.0	1740	210	124	67	157.6	174.5
130	32	10	12	3.0	119.0	670	209	122	66	155.7	136.6	1210	-	-	-	-	161.2	1750	-	-	-	-	162.5
140	32	11	19	3.8	144.1	680	209	122	66	155.7	132.8	1220	-	-	-	-	155.6	1760	-	-	-	-	149.2
150	34	13	26	5.4	153.3	690	209	122	66	155.7	161.0	1230	-	-	-	-	203.1	1770	-	-	-	-	159.7
160	36	16	32	7.3	167.1	700	209	122	66	155.7	149.0	1240	-	-	-	-	180.4	1780	-	-	-	-	162.3
170	39	21	37	10.1	167.9	710	209	122	67	155.7	156.1	1250	-	-	-	-	153.7	1790	-	-	-	-	140.3
180	43	28	42	13.9	152.5	720	209	122	66	155.7	166.7	1260	209	123	65	155.7	158.3	1800	210	124	66	157.6	173.1
190	49	34	49	19.7	142.5	730	-	-	-	-	166.0	1270	-	-	-	-	169.7	1810	-	-	-	-	182.0
200	57	43	53	25.8	146.0	740	-	-	-	-	156.6	1280	-	-	-	-	138.5	1820	-	-	-	-	178.3
210	70	51	55	32.6	163.4	750	-	-	-	-	178.9	1290	-	-	-	-	151.5	1830	-	-	-	-	169.0
220	86	59	59	42.1	153.0	760	-	-	-	-	164.1	1300	-	-	-	-	162.5	1840	-	-	-	-	170.9
230	102	64	61	52.2	157.8	770	-	-	-	-	154.5	1310	-	-	-	-	141.1	1850	-	-	-	-	137.9
240	116	70	62	61.1	172.0	780	209	122	66	155.7	158.0	1320	209	123	66	156.7	134.2	1860	210	124	66	157.6	139.5
250	131	75	64	71.2	168.9	790	-	-	-	-	168.7	1330	-	-	-	-	148.1	1870	-	-	-	-	144.7
260	142	80	64	78.6	171.8	800	-	-	-	-	155.5	1340	-	-	-	-	167.1	1880	-	-	-	-	134.3
270	151	84	64	86.4	164.1	810	-	-	-	-	152.8	1350	-	-	-	-	161.6	1890	-	-	-	-	133.7
280	160	88	64	94.6	156.7	820	-	-	-	-	134.0	1360	-	-	-	-	150.7	1900	-	-	-	-	151.6
290	165	93	64	99.4	163.7	830	-	-	-	-	136.1	1370	-	-	-	-	145.6	1910	-	-	-	-	158.5
300	172	97	66	106.6	144.9	840	209	122	66	155.8	161.3	1380	209	123	66	156.6	171.2	1920	210	124	66	157.6	175.8
310	178	101	66	112.7	146.9	850	-	-	-	-	144.0	1390	-	-	-	-	165.9	1930	-	-	-	-	140.9
320	182	104	66	119.5	153.6	860	-	-	-	-	158.2	1400	-	-	-	-	162.0	1940	-	-	-	-	135.6
330	185	106	66	122.4	167.1	870	-	-	-	-	160.8	1410	-	-	-	-	139.8	1950	-	-	-	-	166.6
340	190	108	66	128.3	166.9	880	-	-	-	-	153.6	1420	-	-	-	-	147.8	1960	-	-	-	-	182.4
350	193	111	64	133.7	145.6	890	-	-	-	-	132.6	1430	-	-	-	-	157.4	1970	-	-	-	-	184.1
360	195	112	65	136.5	145.5	900	209	122	66	156.8	147.1	1440	209	123	66	156.7	171.7	1980	210	124	66	157.6	137.3
370	197	113	66	138.7	130.7	910	-	-	-	-	149.7	1450	-	-	-	-	190.6	1990	-	-	-	-	145.3
380	199	115	67	141.5	132.3	920	-	-	-	-	155.5	1460	-	-	-	-	169.1	2000	-	-	-	-	175.2
390	201	116	65	143.5	135.0	930	-	-	-	-	189.7	1470	-	-	-	-	161.0	2010	-	-	-	-	155.5
400	202	117	67	145.0	130.4	940	-	-	-	-	135.6	1480	-	-	-	-	163.4	2020	-	-	-	-	181.5
410	204	119	67	147.9	128.1	950	-	-	-	-	132.1	1490	-	-	-	-	153.7	2030	-	-	-	-	196.2
420	204	120	66	148.8	154.9	960	210	124	66	157.6	138.5	1500	210	124	67	157.7	175.5	2040	210	124	65	157.6	174.9
430	205	121	66	150.3	148.0	970	-	-	-	-	149.6	1510	-	-	-	-	158.3	2050	-	-	-	-	172.8
440	205	121	67	150.7	142.0	980	-	-	-	-	141.5	1520	-	-	-	-	176.7	2060	-	-	-	-	165.4
450	207	121	65	153.2	152.1	990	-	-	-	-	141.6	1530	-	-	-	-	181.6	2070	-	-	-	-	162.2
460	207	121	66	153.1	156.4	1000	-	-	-	-	141.6	1540	-	-	-	-	163.9	2080	-	-	-	-	209.3
470	207	121	66	153.8	137.9	1010	-	-	-	-	135.7	1550	-	-	-	-	148.6	2090	-	-	-	-	158.3
480	207	121	66	153.5	155.8	1020	210	124	66	157.6	152.6	1560	210	124	65	158.5	162.9	2100	210	124	66	157.5	135.2
490	208	122	67	154.5	178.0	1030	-	-	-	-	175.7	1570	-	-	-	-	178.1	2110	-	-	-	-	142.4
500	208	122	66	154.4	167.2	1040	-	-	-	-	178.7	1580	-	-	-	-	171.1	2120	-	-	-	-	146.2
510	208	122	66	155.3	158.4	1050	-	-	-	-	156.6	1590	-	-	-	-	154.3	2130	-	-	-	-	155.0
520	209	122	65	156.0	158.4	1060	-	-	-	-	164.0	1600	-	-	-	-	125.8	2140	-	-	-	-	151.4
530	209	122	64	156.0	175.2	1070	-	-	-	-	167.0	1610	-	-	-	-	140.0	2150	-	-	-	-	139.5

資料 3.25　流出量・降雨量および水路水位

DISCHARGE & R.I.　4 -2 -1,　521126,　1=200　0 AREA=636.M**2　QMAX=157.3MM/H　4 -2 -1

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	209	123	66	156.6	166.5
2170	-	-	-	-	179.5
2180	-	-	-	-	168.6
2190	-	-	-	-	162.7
2200	-	-	-	-	152.1
2210	-	-	-	-	147.7
2220	209	123	65	156.6	159.8
2230	-	-	-	-	164.5
2240	-	-	-	-	181.2
2250	-	-	-	-	164.0
2260	-	-	-	-	153.7
2270	-	-	-	-	166.4
2280	209	122	66	155.7	189.6
2290	-	-	-	-	158.7
2300	-	-	-	-	142.9
2310	-	-	-	-	168.9
2320	-	-	-	-	177.1
2330	-	-	-	-	162.2
2340	209	122	66	155.7	156.4
2350	-	-	-	-	154.0
2360	-	-	-	-	181.7
2370	-	-	-	-	162.2
2380	-	-	-	-	172.6
2390	-	-	-	-	155.1
2400	209	122	66	155.7	165.9
2410	-	-	-	-	154.5
2420	-	-	-	-	144.0
2430	-	-	-	-	151.0
2440	-	-	-	-	163.4
2450	-	-	-	-	156.1
2460	209	122	65	154.4	146.8
2470	-	-	-	-	143.9
2480	-	-	-	-	84.9
2490	-	-	-	-	20.6
2500	-	-	-	-	20.6
2510	-	-	-	-	20.6
2520	200	111	56	135.7	20.6
2530	-	-	-	-	20.6
2540	-	-	-	-	20.6
2550	-	-	-	-	20.6
2560	-	-	-	-	20.6
2570	-	-	-	-	20.6
2580	180	89	43	101.9	20.6
2590	-	-	-	-	24.3
2600	-	-	-	-	24.3
2610	-	-	-	-	24.3
2620	-	-	-	-	25.6
2630	-	-	-	-	30.8
2640	160	71	30	73.9	28.1
2650	-	-	-	-	28.1
2660	-	-	-	-	28.1
2670	-	-	-	-	28.1
2680	-	-	-	-	28.9
2690	-	-	-	-	30.1
2700	139	57	24	50.6	30.1
2710	-	-	-	-	30.1
2720	-	-	-	-	30.1
2730	-	-	-	-	7.0
2740	-	-	-	-	7.0
2750	-	-	-	-	7.0
2760	122	46	20	36.3	9.9
2770	-	-	-	-	14.3
2780	-	-	-	-	14.3
2790	-	-	-	-	10.5
2800	-	-	-	-	10.5
2810	-	-	-	-	10.5
2820	109	39	19	27.5	0.
2880	99	34	17	22.0	0.
2940	92	31	15	18.1	0.
3000	84	26	13	14.4	0.
3060	79	24	12	12.1	0.
3120	73	21	11	9.8	0.
3180	68	20	10	8.2	0.
3240	63	17	10	6.7	0.
3300	59	17	9	5.6	0.
3360	56	15	9	5.0	0.
3420	53	14	9	4.5	0.
3480	51	13	9	4.7	0.

資料 3.26　流出量・降雨量および水路水位

DISCHARGE & R.I. 5 -2 -2, 521130, 1 *20 0 AREA=618,M**2 QMAX= 19.7MM/H 5 -2 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	8	3	1.3	30.0	540	64	19	5	9.9	31.8	1080	88	27	6	19.1	30.5	1620	90	27	6	19.7	29.0
10	29	8	3	1.3	30.0	550	65	19	5	10.1	29.5	1090	-	-	-	-	30.5	1630	-	-	-	-	11.0
20	29	8	4	1.3	30.0	560	66	19	5	10.4	29.5	1100	-	-	-	-	30.5	1640	-	-	-	-	11.0
30	29	8	4	1.3	30.0	570	66	19	5	10.6	29.5	1110	-	-	-	-	30.5	1650	-	-	-	-	11.0
40	29	9	4	1.4	30.0	580	67	20	5	10.8	29.5	1120	-	-	-	-	30.5	1660	-	-	-	-	11.0
50	29	9	4	1.4	30.0	590	67	20	6	11.0	29.5	1130	-	-	-	-	30.5	1670	-	-	-	-	11.0
60	29	9	4	1.4	30.0	600	68	20	6	11.5	30.0	1140	88	26	6	19.0	30.5	1680	90	27	6	19.2	14.2
70	30	9	4	1.5	30.0	610	69	21	6	12.0	30.3	1150	-	-	-	-	30.5	1690	-	-	-	-	15.0
80	30	9	4	1.5	31.7	620	70	21	6	12.4	30.3	1160	-	-	-	-	29.8	1700	-	-	-	-	15.0
90	30	9	4	1.5	32.4	630	71	22	6	12.4	30.3	1170	-	-	-	-	26.7	1710	-	-	-	-	15.0
100	30	9	4	1.3	32.4	640	72	22	6	12.9	30.3	1180	-	-	-	-	37.9	1720	-	-	-	-	15.0
110	30	9	4	1.7	30.9	650	72	22	6	12.8	30.3	1190	-	-	-	-	37.9	1730	-	-	-	-	15.0
120	30	9	4	1.8	30.5	660	73	22	6	13.0	28.6	1200	89	27	6	19.3	37.9	1740	87	24	6	16.9	19.4
130	30	10	4	2.0	30.5	670	74	22	6	13.5	27.9	1210	-	-	-	-	33.0	1750	-	-	-	-	20.5
140	31	10	4	2.1	28.6	680	74	22	6	13.6	27.9	1220	-	-	-	-	25.7	1760	-	-	-	-	20.5
150	31	10	4	2.3	27.3	690	75	22	6	13.8	27.9	1230	-	-	-	-	25.7	1770	-	-	-	-	20.5
160	32	11	4	2.5	27.3	700	75	23	6	13.8	27.9	1240	-	-	-	-	25.7	1780	-	-	-	-	30.3
170	32	11	4	2.4	27.3	710	76	23	6	14.3	27.9	1250	-	-	-	-	25.7	1790	-	-	-	-	45.0
180	32	11	4	2.6	27.3	720	77	23	6	14.6	27.1	1260	89	27	6	19.5	25.7	1800	82	23	5	14.4	49.5
190	33	11	4	2.6	27.3	730	-	-	-	-	27.1	1270	-	-	-	-	25.7	1810	-	-	-	-	56.3
200	33	11	4	2.9	27.3	740	-	-	-	-	27.1	1280	-	-	-	-	27.2	1820	-	-	-	-	62.7
210	34	11	4	3.1	27.3	750	-	-	-	-	27.1	1290	-	-	-	-	29.5	1830	-	-	-	-	68.6
220	35	11	4	3.4	28.8	760	-	-	-	-	27.1	1300	-	-	-	-	30.1	1860	77	21	5	12.2	0.
230	35	12	4	3.6	27.8	770	-	-	-	-	27.1	1310	-	-	-	-	32.2	1920	73	19	5	10.8	0.
240	36	12	4	3.7	27.8	780	80	24	6	15.8	27.1	1320	89	27	6	19.4	32.2	1980	70	18	5	9.5	0.
250	37	12	4	3.9	27.8	790	-	-	-	-	27.1	1330	-	-	-	-	32.2	2040	66	16	5	8.4	0.
260	38	12	4	4.2	27.8	800	-	-	-	-	29.1	1340	-	-	-	-	36.4	2100	64	16	5	7.6	0.
270	39	13	4	4.3	27.8	810	-	-	-	-	29.6	1350	-	-	-	-	36.4	2160	61	15	5	6.8	0.
280	40	13	4	4.3	26.5	820	-	-	-	-	29.6	1360	-	-	-	-	36.4	2220	59	15	5	6.3	0.
290	41	13	4	4.4	25.9	830	-	-	-	-	29.6	1370	-	-	-	-	36.4	2280	57	14	5	5.8	0.
300	42	14	4	4.6	25.9	840	82	25	6	16.4	29.6	1380	89	27	6	19.5	38.8	2340	55	14	4	5.3	0.
310	42	14	4	4.9	25.9	850	-	-	-	-	31.9	1390	-	-	-	-	39.8	2400	53	14	4	5.0	0.
320	43	14	5	5.2	25.9	860	-	-	-	-	38.9	1400	-	-	-	-	39.8	2460	52	13	4	4.6	0.
330	44	14	5	5.4	25.9	870	-	-	-	-	38.9	1410	-	-	-	-	39.8	2520	50	13	4	4.2	0.
340	45	14	5	5.6	25.9	880	-	-	-	-	38.9	1420	-	-	-	-	33.3	2580	49	12	4	4.1	0.
350	47	14	5	6.0	28.2	890	-	-	-	-	38.9	1430	-	-	-	-	33.4	2640	48	12	4	4.2	0.
360	48	14	5	6.1	30.4	900	83	25	6	16.8	34.4	1440	90	27	6	19.8	33.4						
370	48	14	5	6.4	31.3	910	-	-	-	-	34.4	1450	-	-	-	-	33.4						
380	50	15	5	6.4	31.3	920	-	-	-	-	34.4	1460	-	-	-	-	33.4						
390	50	15	5	6.6	31.3	930	-	-	-	-	34.4	1470	-	-	-	-	29.3						
400	52	15	5	7.2	31.6	940	-	-	-	-	34.4	1480	-	-	-	-	28.8						
410	52	15	5	7.3	34.4	950	-	-	-	-	34.4	1490	-	-	-	-	28.8						
420	54	15	5	7.5	34.4	960	85	25	6	18.0	36.0	1500	90	27	6	19.7	28.8						
430	55	16	5	7.6	34.4	970	-	-	-	-	36.0	1510	-	-	-	-	28.8						
440	56	16	5	8.3	34.4	980	-	-	-	-	36.0	1520	-	-	-	-	28.8						
450	56	17	5	8.2	41.7	990	-	-	-	-	36.0	1530	-	-	-	-	29.3						
460	57	17	5	8.6	52.8	1000	-	-	-	-	36.0	1540	-	-	-	-	33.0						
470	59	17	5	8.7	52.8	1010	-	-	-	-	36.0	1550	-	-	-	-	33.0						
480	60	17	5	9.1	48.4	1020	87	26	6	18.8	36.0	1560	90	27	6	19.7	33.0						
490	61	17	5	9.6	48.3	1030	-	-	-	-	36.0	1570	-	-	-	-	33.0						
500	62	17	5	9.4	46.0	1040	-	-	-	-	36.0	1580	-	-	-	-	33.0						
510	62	18	5	9.4	40.7	1050	-	-	-	-	31.8	1590	-	-	-	-	33.0						
520	63	18	5	9.6	40.7	1060	-	-	-	-	30.5	1600	-	-	-	-	29.0						
530	64	18	5	9.9	40.7	1070	-	-	-	-	30.5	1610	-	-	-	-	29.0						

資料 3.27　流出量・降雨量および水路水位

DISCHARGE & R.I.　5 -3 -2,　521130,　1=100　0 AREA=618.M**2　QMAX=101.0MM/H　5 -3 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	15	7	3	0.3	31.3	540	172	76	10	99.0	85.1	1080	172	75	10	99.0	100.4	1620	171	74	9	96.0	37.2
10	15	7	3	0.3	31.3	550	172	76	10	99.4	85.5	1090	-	-	-	-	89.8	1630	-	-	-	-	40.9
20	15	7	3	0.3	31.3	560	172	76	10	99.1	100.4	1100	-	-	-	-	86.1	1640	-	-	-	-	42.6
30	15	7	3	0.3	31.3	570	172	76	10	98.3	104.8	1110	-	-	-	-	93.5	1650	-	-	-	-	69.3
40	15	7	3	0.3	213.6	580	172	76	10	98.2	88.6	1120	-	-	-	-	94.1	1660	-	-	-	-	249.3
50	15	7	3	0.3	163.6	590	172	76	10	98.9	92.1	1130	-	-	-	-	88.6	1670	-	-	-	-	149.3
60	15	7	3	0.3	153.6	600	172	76	10	99.2	100.8	1140	173	75	10	99.6	87.6	1680	164	67	8	84.7	169.3
70	15	7	3	0.3	133.6	610	172	76	10	99.5	97.5	1150	-	-	-	-	92.0	1690	-	-	-	-	309.3
80	15	7	3	0.4	113.6	620	172	76	10	99.5	93.3	1160	-	-	-	-	96.7	1700	-	-	-	-	189.3
90	15	7	3	0.4	44.2	630	173	76	10	100.2	96.7	1170	-	-	-	-	90.1	1710	-	-	-	-	114.3
100	15	7	3	0.4	31.3	640	174	76	10	101.7	99.3	1180	-	-	-	-	67.7	1720	-	-	-	-	139.3
110	16	7	3	0.6	31.3	650	174	76	10	102.6	86.7	1190	-	-	-	-	62.5	1730	-	-	-	-	89.3
120	16	8	4	0.8	32.8	660	174	76	10	102.3	84.7	1200	172	76	10	99.0	63.9	1740	151	56	7	66.7	69.3
130	16	8	4	0.9	38.6	670	174	77	10	101.8	93.9	1210	-	-	-	-	66.6	1750	-	-	-	-	24.3
140	16	8	4	1.0	71.7	680	175	76	10	102.2	108.8	1220	-	-	-	-	67.2	1760	-	-	-	-	24.3
150	17	9	4	1.4	86.7	690	174	76	10	101.3	88.9	1230	-	-	-	-	67.2	1770	-	-	-	-	24.3
160	17	10	5	2.1	86.3	700	174	76	10	101.0	85.6	1240	-	-	-	-	64.6	1780	-	-	-	-	24.3
170	18	11	5	2.6	80.0	710	173	76	10	100.1	91.5	1250	-	-	-	-	59.7	1790	-	-	-	-	10.8
180	19	12	5	3.6	82.7	720	173	75	10	99.5	96.7	1260	173	77	10	100.5	59.7	1800	133	44	7	47.2	10.8
190	21	14	5	4.8	80.1	730	-	-	-	-	96.1	1270	-	-	-	-	75.3	1810	-	-	-	-	10.8
200	23	16	5	6.2	88.1	740	-	-	-	-	94.8	1280	-	-	-	-	70.8	1820	-	-	-	-	10.8
210	27	17	5	7.5	99.8	750	-	-	-	-	97.4	1290	-	-	-	-	67.2	1830	-	-	-	-	10.8
220	31	19	5	8.7	118.9	760	-	-	-	-	94.6	1300	-	-	-	-	64.6	1840	-	-	-	-	10.8
230	35	20	5	10.2	94.6	770	-	-	-	-	91.6	1310	-	-	-	-	63.9	1850	-	-	-	-	10.8
240	40	21	6	12.1	95.6	780	174	76	10	101.2	93.4	1320	173	76	10	100.2	61.7	1860	119	39	7	36.3	152.2
250	44	23	6	13.5	90.1	790	-	-	-	-	96.4	1330	-	-	-	-	74.6	1870	-	-	-	-	49.4
260	49	25	6	15.2	88.5	800	-	-	-	-	97.0	1340	-	-	-	-	100.9	1880	-	-	-	-	23.6
270	57	27	6	17.9	91.6	810	-	-	-	-	98.2	1350	-	-	-	-	92.1	1890	-	-	-	-	21.4
280	63	28	7	20.7	91.9	820	-	-	-	-	94.9	1360	-	-	-	-	78.5	1900	-	-	-	-	93.3
290	69	31	7	23.3	90.5	830	-	-	-	-	93.6	1370	-	-	-	-	77.0	1910	-	-	-	-	44.7
300	76	33	7	26.1	94.9	840	174	76	10	100.7	94.9	1380	172	75	10	98.7	88.9	1920	112	35	6	31.3	30.0
310	84	36	7	29.9	96.2	850	-	-	-	-	96.7	1390	-	-	-	-	86.9	1930	-	-	-	-	130.0
320	90	39	8	33.1	94.9	860	-	-	-	-	96.4	1400	-	-	-	-	82.2	1980	103	30	6	25.2	0.
330	98	41	8	37.0	87.4	870	-	-	-	-	90.4	1410	-	-	-	-	103.7	2040	95	27	5	19.9	0.
340	104	44	8	40.6	88.0	880	-	-	-	-	101.6	1420	-	-	-	-	135.3	2100	87	23	5	15.8	0.
350	111	47	8	45.1	89.5	890	-	-	-	-	97.3	1430	-	-	-	-	93.9	2160	80	20	5	12.8	0.
360	117	49	9	49.0	99.1	900	172	75	10	97.9	90.7	1440	172	75	10	98.2	95.1	2220	74	19	5	10.8	0.
370	123	51	9	53.6	95.6	910	-	-	-	-	87.5	1450	-	-	-	-	104.4	2280	70	17	5	10.1	0.
380	127	54	9	56.8	95.8	920	-	-	-	-	93.3	1460	-	-	-	-	97.2	2340	71	16	5	9.9	0.
390	134	58	9	62.2	93.5	930	-	-	-	-	103.8	1470	-	-	-	-	91.9	2400	63	15	5	6.5	0.
400	139	60	9	66.6	96.7	940	-	-	-	-	92.1	1480	-	-	-	-	95.5	2460	60	14	4	6.4	0.
410	144	61	9	71.1	90.0	950	-	-	-	-	87.4	1490	-	-	-	-	99.4	2520	57	14	4	5.7	0.
420	147	62	9	72.8	90.0	960	172	76	9	98.3	98.4	1500	172	76	10	99.2	86.9	2580	54	13	4	5.0	0.
430	149	64	9	74.9	92.6	970	-	-	-	-	96.8	1510	-	-	-	-	84.7	2640	52	13	4	5.2	0.
440	153	66	10	78.2	102.9	980	-	-	-	-	84.7	1520	-	-	-	-	89.3						
450	154	67	10	79.9	93.2	990	-	-	-	-	87.9	1530	-	-	-	-	91.9						
460	157	69	10	83.7	83.9	1000	-	-	-	-	96.9	1540	-	-	-	-	84.0						
470	159	70	10	85.8	76.4	1010	-	-	-	-	93.9	1550	-	-	-	-	82.2						
480	162	72	10	89.3	90.3	1020	172	75	10	99.0	88.6	1560	174	76	10	100.9	102.0						
490	165	73	10	92.6	96.6	1030	-	-	-	-	89.8	1570	-	-	-	-	103.7						
500	167	75	10	95.1	91.2	1040	-	-	-	-	97.2	1580	-	-	-	-	89.2						
510	169	75	10	97.8	91.4	1050	-	-	-	-	92.3	1590	-	-	-	-	92.5						
520	170	76	10	98.4	103.5	1060	-	-	-	-	88.6	1600	-	-	-	-	94.3						
530	172	76	10	99.9	90.4	1070	-	-	-	-	97.6	1610	-	-	-	-	85.2						

資料 3.28　流出量・降雨量および水路水位

DISCHARGE & R.I. 5 -4 -2, 521130, 1 -70 0 AREA=618.M**2 QMAX= 71.5MM/H 5 -4 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	40	9	4	2.7	73.9	540	151	61	8	72.1	68.4	1080	152	61	8	72.2	65.0	1620	117	38	6	34.6	90.0
10	39	9	4	2.4	73.9	550	151	61	8	71.6	68.2	1090	-	-	-	-	61.6	1630	-	-	-	-	50.0
20	39	9	4	2.2	68.2	560	151	61	8	71.5	68.6	1100	-	-	-	-	63.9	1640	-	-	-	-	30.0
30	39	9	4	2.3	56.7	570	151	61	8	71.0	64.3	1110	-	-	-	-	65.2	1650	-	-	-	-	30.0
40	39	9	4	2.5	41.6	580	151	61	8	71.0	60.5	1120	-	-	-	-	72.2	1660	-	-	-	-	70.0
50	39	9	4	2.5	41.6	590	151	61	8	71.0	62.2	1130	-	-	-	-	72.5	1670	-	-	-	-	20.0
60	39	9	4	2.5	41.6	600	151	61	8	71.0	70.3	1140	152	61	8	72.2	63.5	1680	108	33	6	28.3	20.0
70	39	9	4	2.7	38.9	610	151	61	8	71.1	75.0	1150	-	-	-	-	59.5	1690	-	-	-	-	52.9
80	39	10	4	3.1	40.4	620	151	61	8	71.3	73.9	1160	-	-	-	-	59.5	1700	-	-	-	-	112.0
90	39	11	4	3.4	50.1	630	151	61	8	71.5	73.3	1170	-	-	-	-	66.9	1710	-	-	-	-	24.0
100	40	11	4	3.8	50.1	640	151	61	8	71.9	69.7	1180	-	-	-	-	75.0	1720	-	-	-	-	24.0
110	40	12	5	4.0	53.9	650	152	61	8	72.3	67.8	1190	-	-	-	-	69.6	1740	100	29	6	23.4	0.
120	41	13	5	4.2	57.2	660	152	61	8	72.9	67.5	1200	152	61	8	72.2	64.4	1800	92	26	5	18.8	0.
130	42	13	5	5.5	62.2	670	152	61	8	72.2	67.5	1210	-	-	-	-	63.7	1860	86	23	5	15.6	0.
140	43	14	5	6.3	63.2	680	151	61	8	71.4	68.9	1220	-	-	-	-	70.0	1920	80	21	5	13.1	0.
150	43	16	5	6.9	60.4	690	151	61	8	71.3	69.8	1230	-	-	-	-	76.3	1980	75	19	5	11.4	0.
160	47	17	5	8.2	60.4	700	151	61	8	71.6	67.5	1240	-	-	-	-	74.0	2040	71	18	5	9.9	0.
170	50	18	5	9.7	61.3	710	151	61	8	71.7	66.7	1250	-	-	-	-	68.2	2100	67	16	5	8.6	0.
180	53	20	5	11.5	65.7	720	151	61	8	71.7	68.8	1260	152	61	8	72.8	66.2	2160	64	16	5	7.7	0.
190	55	20	5	11.6	65.7	730	-	-	-	-	70.5	1270	-	-	-	-	65.1	2220	61	33	5	6.9	0.
200	59	22	5	13.7	65.8	740	-	-	-	-	67.1	1280	-	-	-	-	72.2	2280	59	33	5	6.3	0.
210	63	23	5	14.6	64.3	750	-	-	-	-	65.3	1290	-	-	-	-	69.4	2340	57	33	4	5.7	0.
220	65	24	5	15.8	63.7	760	-	-	-	-	63.0	1300	-	-	-	-	60.0	2400	54	33	4	5.2	0.
230	71	25	5	17.6	63.1	770	-	-	-	-	64.6	1310	-	-	-	-	57.9	2460	53	31	4	5.1	0.
240	73	26	6	18.9	70.3	780	152	61	8	72.4	65.5	1320	152	61	8	72.8	59.8	2520	52	31	4	4.6	0.
250	77	27	6	20.5	70.4	790	-	-	-	-	69.4	1330	-	-	-	-	63.2	2580	50	31	4	4.6	0.
260	80	30	6	21.5	68.0	800	-	-	-	-	68.7	1340	-	-	-	-	66.5						
270	85	31	6	24.0	68.0	810	-	-	-	-	67.5	1350	-	-	-	-	69.4						
280	88	32	6	25.7	67.2	820	-	-	-	-	64.4	1360	-	-	-	-	65.0						
290	92	33	6	28.0	66.3	830	-	-	-	-	70.8	1370	-	-	-	-	62.1						
300	95	35	7	29.7	66.3	840	153	61	8	73.4	69.6	1380	152	61	8	71.9	61.4						
310	99	36	7	32.8	67.0	850	-	-	-	-	73.5	1390	-	-	-	-	58.0						
320	103	39	7	35.0	67.2	860	-	-	-	-	74.2	1400	-	-	-	-	48.2						
330	107	41	7	37.3	63.0	870	-	-	-	-	73.7	1410	-	-	-	-	44.8						
340	112	43	7	40.9	63.4	880	-	-	-	-	71.6	1420	-	-	-	-	44.8						
350	115	44	7	42.7	63.4	890	-	-	-	-	67.8	1430	-	-	-	-	31.5						
360	118	46	7	44.9	60.2	900	152	61	8	72.6	69.5	1440	147	55	7	63.9	28.5						
370	122	47	7	47.5	64.4	910	-	-	-	-	72.2	1450	-	-	-	-	24.1						
380	124	48	7	49.0	64.8	920	-	-	-	-	70.3	1460	-	-	-	-	24.1						
390	127	49	7	51.5	70.7	930	-	-	-	-	65.4	1470	-	-	-	-	24.4						
400	130	50	8	53.0	71.8	940	-	-	-	-	62.1	1480	-	-	-	-	24.7						
410	131	51	8	54.0	65.0	950	-	-	-	-	62.1	1490	-	-	-	-	24.7						
420	133	53	8	55.9	62.0	960	152	61	8	72.1	68.0	1500	136	48	7	52.2	24.7						
430	135	54	8	57.0	61.0	970	-	-	-	-	72.0	1510	-	-	-	-	24.7						
440	137	54	8	59.7	63.4	980	-	-	-	-	65.0	1520	-	-	-	-	24.7						
450	139	55	8	60.8	64.7	990	-	-	-	-	63.9	1530	-	-	-	-	5.6						
460	140	56	8	62.3	64.7	1000	-	-	-	-	62.3	1540	-	-	-	-	5.6						
470	142	57	8	63.3	62.7	1010	-	-	-	-	67.3	1550	-	-	-	-	11.7						
480	143	58	8	64.7	68.0	1020	152	61	8	72.2	71.4	1560	127	43	6	43.6	14.3						
490	144	58	8	66.3	75.2	1030	-	-	-	-	71.6	1570	-	-	-	-	14.3						
500	145	59	8	66.3	74.2	1040	-	-	-	-	68.1	1580	-	-	-	-	14.3						
510	147	60	8	69.5	74.2	1050	-	-	-	-	66.0	1590	-	-	-	-	155.0						
520	149	61	8	70.7	70.0	1060	-	-	-	-	69.1	1600	-	-	-	-	190.0						
530	149	61	8	71.1	70.9	1070	-	-	-	-	69.1	1610	-	-	-	-	165.0						

資料 3.29　流出量・降雨量および水路水位

DISCHARGE & R.I.,　5 -5 -2,　521130,　1 -50　0 AREA=618.M**2　QMAX= 52.3MM/H　　5 -5 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	40	9	3	2.8	35.4	540	123	45	7	44.5	45.3	1080	133	49	7	52.3	44.0	1620	133	49	7	52.3	53.1
10	40	9	3	2.5	35.4	550	124	45	7	45.5	48.1	1090	-	-	-	-	44.2	1630	-	-	-	-	49.7
20	40	9	3	2.5	35.4	560	125	45	7	45.8	48.1	1100	-	-	-	-	46.1	1640	-	-	-	-	47.0
30	40	9	3	2.5	35.4	570	125	45	7	46.3	49.5	1110	-	-	-	-	48.1	1650	-	-	-	-	47.0
40	40	8	3	2.7	35.4	580	127	45	7	47.4	48.2	1120	-	-	-	-	49.7	1660	-	-	-	-	47.0
50	40	8	3	2.7	31.0	590	127	46	7	47.9	47.2	1130	-	-	-	-	50.3	1670	-	-	-	-	49.0
60	40	8	3	2.7	30.0	600	128	46	7	48.3	47.2	1140	133	49	7	52.3	50.5	1680	133	49	7	52.3	49.8
70	40	8	4	2.7	30.0	610	128	46	7	48.5	44.7	1150	-	-	-	-	47.3	1690	-	-	-	-	50.4
80	40	9	4	2.7	30.2	620	129	47	7	48.9	45.5	1160	-	-	-	-	47.1	1700	-	-	-	-	48.0
90	40	9	4	3.0	30.4	630	129	47	7	49.4	48.4	1170	-	-	-	-	43.7	1710	-	-	-	-	45.5
100	40	10	4	3.2	30.4	640	130	48	7	49.9	48.4	1180	-	-	-	-	43.4	1720	-	-	-	-	30.2
110	40	10	4	3.3	30.4	650	130	48	7	50.5	52.1	1190	-	-	-	-	45.0	1730	-	-	-	-	30.2
120	41	11	4	3.8	40.1	660	131	48	7	50.8	48.5	1200	133	49	7	52.3	45.6	1740	133	49	7	52.0	12.2
130	41	12	4	4.4	50.1	670	131	48	7	51.3	46.9	1210	-	-	-	-	48.1	1750	-	-	-	-	26.1
140	42	13	4	4.8	50.1	680	132	49	7	52.1	45.4	1220	-	-	-	-	49.1	1760	-	-	-	-	35.3
150	43	13	3	5.3	49.6	690	132	49	7	51.9	43.8	1230	-	-	-	-	46.0	1770	-	-	-	-	42.1
160	44	14	5	6.0	50.8	700	133	48	7	52.0	44.2	1240	-	-	-	-	45.5	1780	-	-	-	-	41.4
170	45	14	5	6.5	51.5	710	133	48	7	51.9	47.7	1250	-	-	-	-	43.7	1790	-	-	-	-	40.0
180	47	15	5	7.4	51.5	720	133	48	7	51.9	48.3	1260	133	49	7	52.3	43.7	1800	132	46	7	49.4	40.0
190	49	16	5	7.8	50.2	730	-	-	-	-	48.9	1270	-	-	-	-	45.5	1810	-	-	-	-	43.1
200	51	17	5	8.6	48.3	740	-	-	-	-	49.7	1280	-	-	-	-	48.3	1820	-	-	-	-	45.5
210	53	17	5	9.6	48.3	750	-	-	-	-	48.0	1290	-	-	-	-	50.3	1830	-	-	-	-	42.9
220	55	19	5	10.1	45.6	760	-	-	-	-	45.5	1300	-	-	-	-	50.5	1840	-	-	-	-	45.5
230	57	19	5	11.3	44.0	770	-	-	-	-	44.8	1310	-	-	-	-	46.2	1850	-	-	-	-	43.1
240	60	20	5	12.0	46.8	780	133	49	7	51.8	44.8	1320	133	49	7	52.3	45.5	1860	124	41	6	41.3	40.0
250	63	21	5	13.2	46.8	790	-	-	-	-	46.5	1330	-	-	-	-	45.5	1870	-	-	-	-	150.0
260	66	22	5	14.2	46.8	800	-	-	-	-	46.4	1340	-	-	-	-	45.5	1880	-	-	-	-	160.0
270	68	23	5	14.9	48.8	810	-	-	-	-	49.1	1350	-	-	-	-	47.0	1890	-	-	-	-	120.0
280	71	24	6	16.2	47.1	820	-	-	-	-	49.1	1360	-	-	-	-	48.9	1900	-	-	-	-	87.3
290	73	25	6	16.8	47.1	830	-	-	-	-	47.4	1370	-	-	-	-	49.4	1910	-	-	-	-	45.4
300	76	26	6	18.4	44.5	840	133	49	7	51.9	44.5	1380	133	49	7	52.3	49.4	1920	115	36	6	33.0	31.6
310	79	26	6	19.5	44.9	850	-	-	-	-	43.7	1390	-	-	-	-	48.6	1930	-	-	-	-	38.9
320	81	27	6	20.4	46.9	860	-	-	-	-	43.7	1400	-	-	-	-	46.1	1940	-	-	-	-	46.9
330	84	28	6	21.4	47.4	870	-	-	-	-	45.9	1410	-	-	-	-	46.1	1950	-	-	-	-	50.0
340	87	29	6	22.8	48.4	880	-	-	-	-	49.2	1420	-	-	-	-	46.1	1960	-	-	-	-	60.0
350	89	30	6	24.0	49.2	890	-	-	-	-	50.1	1430	-	-	-	-	46.7	1970	-	-	-	-	26.1
360	91	31	6	24.8	47.1	900	133	49	7	52.3	49.7	1440	133	49	7	52.3	50.6	1980	105	31	6	26.1	26.1
370	94	31	6	26.6	46.4	910	-	-	-	-	46.4	1450	-	-	-	-	51.0	1990	-	-	-	-	95.0
380	96	33	7	27.2	44.9	920	-	-	-	-	44.3	1460	-	-	-	-	50.9	2000	-	-	-	-	50.0
390	99	33	7	29.2	44.9	930	-	-	-	-	43.4	1470	-	-	-	-	44.8	2010	-	-	-	-	78.6
400	101	34	7	30.0	47.1	940	-	-	-	-	43.4	1480	-	-	-	-	43.1	2020	-	-	-	-	50.0
410	102	35	7	31.2	47.6	950	-	-	-	-	44.9	1490	-	-	-	-	43.1	2030	-	-	-	-	90.0
420	104	36	7	32.3	49.1	960	133	49	7	52.3	45.2	1500	133	49	7	52.3	43.1	2040	97	28	5	21.8	78.0
430	106	37	7	33.5	49.2	970	-	-	-	-	48.2	1510	-	-	-	-	44.6	2100	91	25	5	18.4	0.
440	109	38	7	35.4	49.6	980	-	-	-	-	48.2	1520	-	-	-	-	47.2	2160	86	23	5	16.0	0.
450	111	39	7	36.8	50.5	990	-	-	-	-	46.7	1530	-	-	-	-	47.2	2220	80	21	5	13.3	0.
460	112	40	7	38.0	51.0	1000	-	-	-	-	46.3	1540	-	-	-	-	47.9	2280	75	19	5	11.4	0.
470	114	41	7	39.0	51.0	1010	-	-	-	-	44.3	1550	-	-	-	-	45.4	2340	72	18	5	10.2	0.
480	116	42	7	40.4	51.0	1020	133	49	7	52.3	43.0	1560	133	49	7	52.3	44.7	2400	68	16	5	8.7	0.
490	118	42	7	41.9	51.0	1030	-	-	-	-	43.2	1570	-	-	-	-	44.7	2460	64	15	5	7.8	0.
500	119	43	7	42.4	50.4	1040	-	-	-	-	43.3	1580	-	-	-	-	44.7	2520	62	14	4	7.2	0.
510	121	44	7	43.2	48.1	1050	-	-	-	-	44.5	1590	-	-	-	-	47.0	2580	59	14	4	6.3	0.
520	122	44	7	43.7	46.5	1060	-	-	-	-	45.0	1600	-	-	-	-	51.2	2640	57	13	4	6.4	0.
530	123	44	7	44.4	45.5	1070	-	-	-	-	44.2	1610	-	-	-	-	53.0						

資料 3.30　流出量・降雨量および水路水位

DISCHARGE & R.I. 6 -1 -2, 521201, 3-150-200 AREA=618.M**2 QMAX=136.4MM/H 6 -1 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	-1	6	3	0.0	53.9	540	193	89	9	130.7	122.4	1080	212	106	9	167.7	174.6	1620	196	94	9	137.7	-12.9
10	-1	6	3	0.0	53.9	550	192	90	9	129.8	120.6	1090	-	-	-	-	159.4	1630	-	-	-	-	124.9
20	-1	6	3	0.0	53.9	560	192	90	9	130.2	134.5	1100	-	-	-	-	181.7	1640	-	-	-	-	120.2
30	-1	6	3	-0.2	227.8	570	192	92	9	131.3	129.5	1110	-	-	-	-	156.0	1650	-	-	-	-	137.0
40	-1	6	3	-0.2	247.8	580	194	93	9	135.6	118.6	1120	-	-	-	-	163.6	1660	-	-	-	-	141.2
50	-1	6	3	-0.2	77.8	590	196	95	9	140.3	119.4	1130	-	-	-	-	183.5	1670	-	-	-	-	122.0
60	-1	6	3	0.0	63.6	600	199	96	10	146.1	115.3	1140	221	112	9	184.7	181.3	1680	197	93	9	138.1	134.1
70	-1	6	3	0.2	77.2	610	201	99	10	149.0	190.8	1150	-	-	-	-	164.4	1690	-	-	-	-	127.3
80	-1	6	3	0.3	95.8	620	204	99	10	154.8	99.5	1160	-	-	-	-	173.4	1700	-	-	-	-	136.8
90	-1	6	3	0.8	106.8	630	206	97	10	156.6	104.2	1170	-	-	-	-	205.8	1710	-	-	-	-	128.7
100	0	7	3	1.1	107.8	640	206	100	10	156.0	133.1	1180	-	-	-	-	218.2	1720	-	-	-	-	132.2
110	0	7	3	1.4	109.7	650	206	100	10	154.6	132.0	1190	-	-	-	-	197.9	1730	-	-	-	-	116.6
120	0	8	4	2.5	124.2	660	206	98	10	153.7	140.3	1200	216	108	9	172.1	160.3	1740	196	93	9	136.3	111.7
130	1	9	4	3.3	121.2	670	206	96	10	153.7	143.2	1210	-	-	-	-	146.4	1750	-	-	-	-	109.5
140	2	12	4	4.5	121.6	680	205	97	9	151.0	131.2	1220	-	-	-	-	166.3	1760	-	-	-	-	115.1
150	6	14	4	6.1	136.1	690	203	97	9	148.2	123.0	1230	-	-	-	-	182.6	1770	-	-	-	-	125.4
160	9	17	4	8.1	153.4	700	203	96	10	148.7	107.2	1240	-	-	-	-	162.9	1780	-	-	-	-	121.6
170	14	19	4	10.1	133.7	710	201	96	10	144.2	109.4	1250	-	-	-	-	170.6	1790	-	-	-	-	119.9
180	20	21	4	10.2	137.2	720	201	96	10	144.4	120.1	1260	210	104	8	161.2	162.2	1800	196	93	9	136.1	120.6
190	26	23	4	11.8	160.6	730	-	-	-	-	117.8	1270	-	-	-	-	165.2	1810	-	-	-	-	116.2
200	33	24	4	13.8	154.7	740	-	-	-	-	112.9	1280	-	-	-	-	148.8	1820	-	-	-	-	109.2
210	37	27	5	15.7	136.5	750	-	-	-	-	146.0	1290	-	-	-	-	144.5	1830	-	-	-	-	116.3
220	43	30	5	18.3	113.0	760	-	-	-	-	153.3	1300	-	-	-	-	154.4	1840	-	-	-	-	117.6
230	52	34	5	21.7	118.8	770	-	-	-	-	143.2	1310	-	-	-	-	131.1	1850	-	-	-	-	141.1
240	62	40	5	27.1	126.1	780	199	96	9	141.2	145.1	1320	210	105	9	162.9	152.1	1860	194	90	9	132.9	154.5
250	74	44	5	33.5	120.7	790	-	-	-	-	133.7	1330	-	-	-	-	141.8	1870	-	-	-	-	126.3
260	86	47	6	38.2	152.3	800	-	-	-	-	142.4	1340	-	-	-	-	118.4	1880	-	-	-	-	127.3
270	98	47	5	44.3	140.0	810	-	-	-	-	142.0	1350	-	-	-	-	115.5	1890	-	-	-	-	139.0
280	111	51	6	51.2	140.5	820	-	-	-	-	121.3	1360	-	-	-	-	132.8	1900	-	-	-	-	124.9
290	117	55	7	53.7	153.1	830	-	-	-	-	110.2	1370	-	-	-	-	132.0	1910	-	-	-	-	119.5
300	126	58	7	60.6	139.0	840	192	89	8	129.5	124.4	1380	209	105	10	159.6	121.9	1920	195	93	9	135.5	136.8
310	132	60	7	63.7	159.8	850	-	-	-	-	141.1	1390	-	-	-	-	132.7	1930	-	-	-	-	139.8
320	138	65	8	69.1	139.8	860	-	-	-	-	160.4	1400	-	-	-	-	138.2	1940	-	-	-	-	140.9
330	146	68	7	76.0	155.3	870	-	-	-	-	156.2	1410	-	-	-	-	119.9	1950	-	-	-	-	118.5
340	150	71	8	81.4	155.7	880	-	-	-	-	139.0	1420	-	-	-	-	129.8	1960	-	-	-	-	110.6
350	156	73	8	88.1	144.0	890	-	-	-	-	144.4	1430	-	-	-	-	125.8	1970	-	-	-	-	59.2
360	161	75	8	92.4	148.3	900	193	93	9	133.3	153.8	1440	201	97	9	143.9	104.0	1980	193	90	9	128.3	44.6
370	166	77	9	98.4	141.9	910	-	-	-	-	158.4	1450	-	-	-	-	108.5	1990	-	-	-	-	44.6
380	170	79	9	102.3	143.9	920	-	-	-	-	163.2	1460	-	-	-	-	129.5	2000	-	-	-	-	37.4
390	173	81	8	105.7	122.7	930	-	-	-	-	155.0	1470	-	-	-	-	131.2	2010	-	-	-	-	30.6
400	176	82	8	110.6	141.0	940	-	-	-	-	193.9	1480	-	-	-	-	122.8	2020	-	-	-	-	30.6
410	177	84	8	112.7	172.5	950	-	-	-	-	161.3	1490	-	-	-	-	115.6	2030	-	-	-	-	30.6
420	177	85	8	111.5	157.0	960	200	97	9	146.0	152.7	1500	201	97	9	144.2	107.2	2040	171	69	9	90.5	30.6
430	183	87	9	121.7	156.2	970	-	-	-	-	169.7	1510	-	-	-	-	98.7	2050	-	-	-	-	23.4
440	189	89	9	131.2	168.1	980	-	-	-	-	147.0	1520	-	-	-	-	100.4	2060	-	-	-	-	16.3
450	191	90	9	134.7	147.4	990	-	-	-	-	167.3	1530	-	-	-	-	133.5	2070	-	-	-	-	16.3
460	195	91	9	139.6	164.0	1000	-	-	-	-	164.9	1540	-	-	-	-	128.5	2080	-	-	-	-	16.3
470	196	92	9	138.6	153.9	1010	-	-	-	-	179.0	1550	-	-	-	-	123.3	2090	-	-	-	-	16.3
480	196	92	9	138.0	131.0	1020	210	105	9	163.9	151.5	1560	194	92	9	133.1	125.4	2100	151	58	7	67.4	16.3
490	196	92	9	137.4	140.3	1030	-	-	-	-	133.5	1570	-	-	-	-	135.9	2110	-	-	-	-	15.9
500	196	90	9	136.7	133.3	1040	-	-	-	-	125.3	1580	-	-	-	-	121.4	2120	-	-	-	-	14.7
510	196	90	9	136.5	147.2	1050	-	-	-	-	160.7	1590	-	-	-	-	110.2	2130	-	-	-	-	14.7
520	196	88	9	135.2	156.2	1060	-	-	-	-	234.7	1600	-	-	-	-	99.0	2140	-	-	-	-	14.7
530	194	89	9	131.6	150.9	1070	-	-	-	-	184.3	1610	-	-	-	-	98.3	2150	-	-	-	-	14.7

資料 3.31　流出量・降雨量および水路水位

DISCHARGE & R.I.　6 -1 -2,　521201,　3+150-200 AREA=618.M**2　QMAX=136.4MM/H　6 -1 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	146	49	7	61.6	14.7																		
2170	-	-	-	-	14.7																		
2180	-	-	-	-	14.7																		
2190	-	-	-	-	14.7																		
2200	-	-	-	-	14.7																		
2210	-	-	-	-	7.2																		
2220	125	42	6	40.3	7.2																		
2230	-	-	-	-	7.2																		
2240	-	-	-	-	7.2																		
2250	-	-	-	-	7.2																		
2260	-	-	-	-	7.2																		
2270	-	-	-	-	21.5																		
2280	118	37	6	35.6	55.0																		
2290	-	-	-	-	19.7																		
2300	-	-	-	-	19.7																		
2310	-	-	-	-	19.7																		
2320	-	-	-	-	21.7																		
2330	-	-	-	-	24.0																		
2340	105	32	5	25.3	0.																		
2400	96	28	4	20.8	0.																		
2460	88	25	4	16.5	0.																		
2520	81	23	4	13.5	0.																		
2580	76	20	4	11.4	0.																		
2640	70	18	4	9.1	0.																		
2700	65	16	4	7.7	0.																		
2760	62	16	4	6.8	0.																		
2820	59	15	3	6.1	0.																		
2880	56	14	3	6.3	0.																		

資料 3.32　流出量・降雨量および水路水位

DISCHARGE & R.I.　6 -2 -2,　521201,　3 -50-130 AREA=618.M**2　QMAX= 49.7MM/H　6 -2 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	42	10	3	3.0	25.1	540	117	42	7	40.2	51.5	1080	164	72	7	92.1	99.5	1620	139	51	7	56.9	47.0
10	42	10	3	2.8	25.1	550	118	42	7	40.8	53.4	1090	-	-	-	-	109.6	1630	-	-	-	-	47.0
20	42	10	3	2.9	25.1	560	119	43	7	41.3	52.0	1100	-	-	-	-	106.3	1640	-	-	-	-	51.1
30	41	10	3	2.8	25.1	570	121	43	7	42.4	52.0	1110	-	-	-	-	109.6	1650	-	-	-	-	48.7
40	41	10	3	2.6	25.1	580	121	43	7	42.4	51.1	1120	-	-	-	-	104.9	1660	-	-	-	-	49.7
50	41	10	3	2.6	68.4	590	122	44	7	42.9	42.9	1130	-	-	-	-	110.2	1670	-	-	-	-	49.0
60	41	10	3	2.6	110.3	600	122	45	7	42.9	41.1	1140	176	80	8	106.5	115.0	1680	137	49	7	54.8	47.4
70	41	10	3	2.2	131.7	610	122	44	7	42.9	41.2	1150	-	-	-	-	119.3	1690	-	-	-	-	51.1
80	41	10	3	2.2	161.7	620	123	45	7	44.2	42.8	1160	-	-	-	-	121.9	1700	-	-	-	-	51.5
90	40	10	3	2.2	77.7	630	125	45	7	45.7	44.2	1170	-	-	-	-	104.3	1710	-	-	-	-	53.4
100	39	10	3	2.2	26.7	640	125	45	7	46.3	44.2	1180	-	-	-	-	100.1	1720	-	-	-	-	53.5
110	39	10	3	2.2	26.7	650	126	46	7	46.4	48.4	1190	-	-	-	-	116.4	1730	-	-	-	-	51.9
120	39	11	3	2.5	26.7	660	126	46	7	46.5	65.2	1200	178	81	8	107.4	118.9	1740	134	49	7	51.7	49.6
130	39	11	3	3.1	26.6	670	127	46	7	47.0	58.6	1210	-	-	-	-	118.7	1750	-	-	-	-	46.2
140	39	12	3	3.2	26.4	680	127	47	7	47.4	48.8	1220	-	-	-	-	112.2	1760	-	-	-	-	48.0
150	40	12	3	3.5	26.4	690	128	47	7	47.7	50.3	1230	-	-	-	-	110.0	1770	-	-	-	-	48.8
160	41	12	4	4.0	41.3	700	128	47	7	48.0	53.3	1240	-	-	-	-	101.8	1780	-	-	-	-	50.0
170	41	13	4	4.4	46.3	710	129	47	7	48.4	51.2	1250	-	-	-	-	100.2	1790	-	-	-	-	53.6
180	42	13	4	4.8	48.8	720	129	46	7	48.4	50.6	1260	176	81	8	105.2	101.7	1800	131	47	7	49.8	50.2
190	43	14	5	4.9	48.8	730	-	-	-	-	46.5	1270	-	-	-	-	105.1	1810	-	-	-	-	49.5
200	44	14	4	5.8	53.1	740	-	-	-	-	46.5	1280	-	-	-	-	96.5	1820	-	-	-	-	46.4
210	45	15	4	6.4	49.6	750	-	-	-	-	48.3	1290	-	-	-	-	108.1	1830	-	-	-	-	46.9
220	46	16	4	6.7	49.6	760	-	-	-	-	50.2	1300	-	-	-	-	90.1	1840	-	-	-	-	48.9
230	49	16	4	8.0	47.2	770	-	-	-	-	52.0	1310	-	-	-	-	106.8	1850	-	-	-	-	51.2
240	50	16	4	8.2	46.6	780	130	48	7	49.6	52.1	1320	178	80	8	107.1	114.1	1860	131	47	7	50.0	53.4
250	52	17	4	9.0	48.3	790	-	-	-	-	51.2	1330	-	-	-	-	113.9	1870	-	-	-	-	51.4
260	55	19	5	10.1	49.7	800	-	-	-	-	50.5	1340	-	-	-	-	110.8	1880	-	-	-	-	47.7
270	56	19	5	10.5	52.5	810	-	-	-	-	48.9	1350	-	-	-	-	102.4	1890	-	-	-	-	45.4
280	59	20	5	11.7	51.7	820	-	-	-	-	48.5	1360	-	-	-	-	65.8	1900	-	-	-	-	45.4
290	62	21	5	12.4	48.0	830	-	-	-	-	50.0	1370	-	-	-	-	48.0	1910	-	-	-	-	47.1
300	64	21	5	13.5	45.4	840	131	48	7	49.6	50.1	1380	170	72	8	92.7	46.5	1920	130	47	7	49.0	50.6
310	67	24	5	14.5	45.4	850	-	-	-	-	47.7	1390	-	-	-	-	46.6	1930	-	-	-	-	51.3
320	70	24	5	15.3	45.9	860	-	-	-	-	45.4	1400	-	-	-	-	51.4	1940	-	-	-	-	51.8
330	72	26	5	16.9	50.4	870	-	-	-	-	45.4	1410	-	-	-	-	52.7	1950	-	-	-	-	51.9
340	75	26	5	18.2	51.4	880	-	-	-	-	45.2	1420	-	-	-	-	52.7	1960	-	-	-	-	35.2
350	77	27	5	18.7	51.4	890	-	-	-	-	47.7	1430	-	-	-	-	49.0	1970	-	-	-	-	66.5
360	81	29	5	20.2	51.0	900	130	47	7	49.0	54.5	1440	155	59	8	72.5	46.0	1980	130	47	7	48.2	43.8
370	85	30	5	22.2	50.1	910	-	-	-	-	55.7	1450	-	-	-	-	45.9	1990	-	-	-	-	30.3
380	87	30	5	23.2	50.1	920	-	-	-	-	54.3	1460	-	-	-	-	45.9	2000	-	-	-	-	30.3
390	88	31	6	23.2	50.8	930	-	-	-	-	63.4	1470	-	-	-	-	48.9	2010	-	-	-	-	37.9
400	91	31	6	24.2	52.7	940	-	-	-	-	63.4	1480	-	-	-	-	53.1	2020	-	-	-	-	45.5
410	93	32	6	25.3	54.5	950	-	-	-	-	82.4	1490	-	-	-	-	53.1	2030	-	-	-	-	33.5
420	95	33	6	26.5	52.7	960	132	53	7	54.5	147.3	1500	148	54	7	65.1	52.2	2040	126	45	6	43.6	30.1
430	97	34	6	27.2	50.8	970	-	-	-	-	145.1	1510	-	-	-	-	43.9	2050	-	-	-	-	45.5
440	99	34	6	28.8	48.7	980	-	-	-	-	130.8	1520	-	-	-	-	43.8	2060	-	-	-	-	45.5
450	101	36	6	30.2	48.5	990	-	-	-	-	118.3	1530	-	-	-	-	43.8	2070	-	-	-	-	42.6
460	103	37	6	31.3	51.8	1000	-	-	-	-	107.0	1540	-	-	-	-	45.0	2080	-	-	-	-	42.6
470	106	37	6	33.2	51.7	1010	-	-	-	-	119.5	1550	-	-	-	-	51.2	2090	-	-	-	-	13.3
480	107	38	6	33.6	54.5	1020	151	65	7	76.4	97.4	1560	141	49	7	58.8	54.3	2100	117	38	6	35.2	13.3
490	109	38	6	35.7	50.4	1030	-	-	-	-	104.0	1570	-	-	-	-	52.5	2110	-	-	-	-	19.2
500	111	39	7	36.3	50.0	1040	-	-	-	-	95.6	1580	-	-	-	-	48.2	2120	-	-	-	-	25.0
510	112	40	7	37.2	48.0	1050	-	-	-	-	112.0	1590	-	-	-	-	43.9	2130	-	-	-	-	37.5
520	115	41	7	38.8	47.9	1060	-	-	-	-	107.8	1600	-	-	-	-	42.8	2140	-	-	-	-	101.5
530	116	41	7	39.8	51.0	1070	-	-	-	-	106.5	1610	-	-	-	-	43.7	2150	-	-	-	-	27.3

資料 3.33　流出量・降雨量および水路水位

DISCHARGE & R.I.　6 -2 -2,　521201,　3 -50-130 AREA=618.M**2　QMAX= 49.7MM/H　6 -7 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	109	34	6	29.0	27.3																		
2170	-	-	-	-	19.4																		
2180	-	-	-	-	19.4																		
2190	-	-	-	-	19.4																		
2200	-	-	-	-	77.1																		
2210	-	-	-	-	42.9																		
2220	101	31	5	24.3	0.																		
2280	95	28	5	20.6	0.																		
2340	88	25	5	16.6	0.																		
2400	82	24	5	14.3	0.																		
2460	78	22	5	12.4	0.																		
2520	73	20	4	10.7	0.																		
2580	70	19	4	9.5	0.																		
2640	66	17	4	8.3	0.																		
2700	63	16	4	7.4	0.																		
2760	60	16	4	6.5	0.																		
2820	58	15	4	6.0	0.																		
2880	56	15	4	5.4	0.																		
2940	53	14	4	4.9	0.																		
3000	52	14	4	4.7	0.																		
3060	51	13	4	4.9	0.																		

資料 3.34　流出量・降雨量および水路水位

DISCHARGE & R.I. 6 -3 -2, 521201, 2-180 0 AREA=618.M**2 QMAX=135.4MM/H 6 -3 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	42	11	3	3.0	75.0	540	128	45	7	43.0	13.0												
10	42	11	3	2.6	75.0	550	126	44	7	42.1	13.0												
20	42	11	3	2.7	61.8	560	124	43	6	40.3	13.0												
30	41	11	3	2.6	48.6	570	123	42	6	39.2	13.0												
40	41	11	3	2.7	48.6	580	121	41	6	38.1	13.0												
50	41	11	4	3.2	50.1	590	120	40	6	37.9	13.0												
60	41	12	4	3.7	58.5	600	117	39	6	35.2	13.0												
70	41	12	4	4.7	99.9	610	116	38	6	34.5	13.0												
80	43	13	4	6.5	101.2	620	116	38	7	34.1	182.0												
90	44	16	4	8.3	122.3	630	114	37	6	33.2	17.0												
100	46	21	4	10.9	162.2	640	113	37	6	32.8	17.0												
110	51	23	4	13.9	172.6	650	112	36	6	32.2	17.0												
120	56	27	4	17.2	227.6	660	111	35	6	32.0	17.0												
130	64	33	5	21.8	141.5	670	111	35	6	32.4	62.0												
140	71	37	6	26.8	152.9	680	111	35	6	32.7	2.0												
150	79	38	6	32.7	157.1	690	111	35	6	30.0	2.0												
160	89	45	6	38.7	130.0	700	111	35	6	30.0	0.												
170	101	51	6	46.0	138.0	710	111	35	6	29.7	0.												
180	115	55	6	56.0	163.8	720	101	31	5	22.8	0.												
190	126	58	7	64.4	145.3	780	93	27	5	19.1	0.												
200	134	60	7	69.0	153.1	840	85	23	5	14.9	0.												
210	141	66	7	74.6	160.9	900	78	21	5	11.6	0.												
220	149	68	7	80.7	170.9	960	71	19	5	9.7	0.												
230	153	71	8	85.3	174.9	1020	69	19	4	9.3	0.												
240	161	75	7	93.3	155.1	1080	65	17	4	7.8	0.												
250	165	75	8	97.5	184.2	1140	61	16	4	6.7	0.												
260	168	78	9	103.0	156.9	1200	59	15	4	7.0	0.												
270	172	79	9	107.2	174.0																		
280	176	82	9	113.3	160.0																		
290	183	87	9	124.1	164.1																		
300	188	90	10	131.1	155.3																		
310	193	98	10	137.6	122.3																		
320	195	94	10	136.6	58.0																		
330	195	92	10	134.5	58.0																		
340	193	86	9	127.4	78.0																		
350	189	82	9	119.2	58.0																		
360	185	79	9	110.1	60.0																		
370	178	71	9	99.5	63.0																		
380	175	71	9	94.3	48.0																		
390	170	69	9	87.9	33.3																		
400	166	66	8	83.2	18.5																		
410	162	66	8	78.2	18.5																		
420	160	64	8	76.2	18.5																		
430	156	62	8	71.5	16.6																		
440	153	60	7	69.0	14.7																		
450	150	58	7	65.3	14.7																		
460	148	57	7	62.5	14.7																		
470	145	55	7	59.4	14.7																		
480	143	53	7	56.9	14.7																		
490	141	51	7	54.8	13.0																		
500	137	49	7	51.4	13.0																		
510	135	47	7	49.4	13.0																		
520	132	47	7	46.6	13.0																		
530	130	45	7	45.0	13.0																		

資料 3.35　流出量・降雨量および水路水位

DISCHARGE & R.I.　6 -4 -2,　521201,　1-150　0 AREA=618.M**2　QMAX=143.3MM/H　6 -4 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	15	8	3	0.2	31.8	540	199	95	10	141.4	123.9	1080	200	96	10	143.3	147.4	1620	199	95	10	142.3	117.8
10	15	8	3	0.2	31.8	550	200	95	10	143.5	110.4	1090	-	-	-	-	154.1	1630	-	-	-	-	131.6
20	15	8	3	0.2	31.8	560	200	95	10	143.5	145.7	1100	-	-	-	-	148.6	1640	-	-	-	-	144.9
30	15	8	3	0.2	31.8	570	199	95	10	142.0	143.0	1110	-	-	-	-	144.7	1650	-	-	-	-	134.2
40	15	8	3	0.4	31.8	580	200	95	10	143.5	141.4	1120	-	-	-	-	140.0	1660	-	-	-	-	143.6
50	15	8	3	0.4	31.8	590	200	95	10	143.5	158.6	1130	-	-	-	-	139.3	1670	-	-	-	-	140.4
60	15	8	3	0.6	33.4	600	200	95	10	143.8	152.5	1140	198	93	10	140.4	137.4	1680	197	92	10	136.4	135.3
70	15	8	3	0.7	47.8	610	200	95	10	143.5	136.0	1150	-	-	-	-	127.7	1690	-	-	-	-	107.1
80	15	9	3	0.9	52.8	620	200	95	10	143.5	129.7	1160	-	-	-	-	120.1	1700	-	-	-	-	45.7
90	16	9	3	1.4	61.4	630	200	95	10	143.5	127.1	1170	-	-	-	-	125.0	1710	-	-	-	-	45.7
100	16	10	4	2.2	88.5	640	200	95	10	143.5	136.9	1180	-	-	-	-	128.7	1720	-	-	-	-	31.6
110	17	11	4	3.3	98.3	650	200	95	3	143.5	142.2	1190	-	-	-	-	124.4	1730	-	-	-	-	28.0
120	18	13	4	4.3	179.4	660	200	96	10	143.3	130.9	1200	197	92	10	138.9	114.9	1740	188	80	10	117.7	28.0
130	21	14	4	5.7	116.3	670	200	96	10	143.3	128.2	1210	-	-	-	-	116.2	1750	-	-	-	-	30.4
140	24	17	4	7.9	133.0	680	200	96	10	143.2	147.0	1220	-	-	-	-	121.6	1760	-	-	-	-	30.4
150	28	20	4	10.1	136.5	690	199	96	10	142.1	138.6	1230	-	-	-	-	125.1	1770	-	-	-	-	30.4
160	32	22	4	12.3	126.1	700	199	96	10	143.0	126.6	1240	-	-	-	-	121.0	1780	-	-	-	-	30.4
170	39	25	4	13.0	160.4	710	199	97	10	142.2	119.8	1250	-	-	-	-	121.2	1790	-	-	-	-	30.4
180	46	27	5	18.0	136.8	720	198	97	10	141.4	113.0	1260	197	94	10	139.3	114.8	1800	158	62	8	72.9	24.3
190	55	30	5	22.0	133.7	730	-	-	-	-	121.6	1270	-	-	-	-	112.2	1810	-	-	-	-	15.2
200	58	35	5	24.2	149.6	740	-	-	-	-	125.5	1280	-	-	-	-	128.5	1820	-	-	-	-	15.2
210	73	39	5	30.8	139.0	750	-	-	-	-	132.5	1290	-	-	-	-	123.8	1830	-	-	-	-	13.7
220	84	42	6	36.2	149.0	760	-	-	-	-	149.7	1300	-	-	-	-	113.3	1840	-	-	-	-	13.4
230	95	47	7	43.9	141.3	770	-	-	-	-	159.8	1310	-	-	-	-	125.2	1850	-	-	-	-	13.4
240	107	52	7	49.9	145.3	780	202	97	10	148.0	154.5	1320	199	95	10	143.0	92.9	1860	141	53	7	54.7	13.4
250	117	55	8	57.1	144.8	790	-	-	-	-	145.3	1330	-	-	-	-	88.6	1870	-	-	-	-	9.8
260	126	59	8	63.3	144.6	800	-	-	-	-	135.4	1340	-	-	-	-	88.0	1880	-	-	-	-	9.8
270	135	63	8	70.2	146.4	810	-	-	-	-	126.1	1350	-	-	-	-	88.0	1890	-	-	-	-	9.8
280	145	68	9	79.8	150.8	820	-	-	-	-	135.3	1360	-	-	-	-	83.3	1900	-	-	-	-	9.8
290	151	72	9	86.5	123.8	830	-	-	-	-	126.5	1370	-	-	-	-	85.3	1910	-	-	-	-	9.8
300	160	77	9	96.6	109.4	840	198	92	10	140.1	113.6	1380	200	96	10	143.3	118.6	1920	127	44	7	43.0	9.8
310	167	80	9	104.2	162.0	850	-	-	-	-	117.6	1390	-	-	-	-	144.5	1930	-	-	-	-	9.8
320	174	83	9	112.8	115.3	860	-	-	-	-	122.6	1400	-	-	-	-	154.5	1940	-	-	-	-	9.8
330	180	85	9	119.4	124.6	870	-	-	-	-	110.6	1410	-	-	-	-	125.4	1950	-	-	-	-	9.8
340	182	86	9	121.6	129.8	880	-	-	-	-	115.8	1420	-	-	-	-	106.4	1960	-	-	-	-	9.8
350	185	88	9	124.2	130.3	890	-	-	-	-	123.2	1430	-	-	-	-	110.4	1970	-	-	-	-	9.8
360	189	90	9	129.6	141.5	900	198	92	10	139.7	120.8	1440	198	92	10	140.2	110.6	1980	119	41	6	36.8	9.8
370	191	92	9	132.3	126.2	910	-	-	-	-	122.4	1450	-	-	-	-	119.0	1990	-	-	-	-	28.4
380	194	94	10	136.9	133.4	920	-	-	-	-	124.9	1460	-	-	-	-	121.9	2000	-	-	-	-	100.0
390	196	94	9	139.2	146.9	930	-	-	-	-	110.7	1470	-	-	-	-	121.8	2010	-	-	-	-	106.7
400	196	94	9	139.5	121.4	940	-	-	-	-	120.0	1480	-	-	-	-	126.6	2020	-	-	-	-	16.5
410	197	95	10	140.3	113.7	950	-	-	-	-	137.5	1490	-	-	-	-	119.5	2030	-	-	-	-	3.9
420	198	95	10	140.5	133.3	960	197	95	10	138.4	133.5	1500	196	92	10	136.4	119.2	2040	112	38	6	31.2	3.9
430	198	95	10	140.7	122.0	970	-	-	-	-	126.2	1510	-	-	-	-	118.5	2050	-	-	-	-	3.9
440	198	94	10	140.7	111.2	980	-	-	-	-	119.4	1520	-	-	-	-	136.4	2060	-	-	-	-	3.9
450	198	95	10	140.5	123.9	990	-	-	-	-	126.7	1530	-	-	-	-	158.2	2070	-	-	-	-	3.9
460	199	96	10	142.3	120.9	1000	-	-	-	-	130.3	1540	-	-	-	-	137.0	2080	-	-	-	-	3.9
470	200	95	10	144.1	129.6	1010	-	-	-	-	111.4	1550	-	-	-	-	110.4	2090	-	-	-	-	3.9
480	200	95	10	144.1	143.3	1020	199	95	10	143.0	116.6	1560	198	95	10	141.3	106.2	2100	103	34	6	24.7	3.9
490	200	95	10	143.8	140.8	1030	-	-	-	-	150.7	1570	-	-	-	-	108.8	2110	-	-	-	-	3.9
500	200	95	10	143.5	121.8	1040	-	-	-	-	146.2	1580	-	-	-	-	119.5	2120	-	-	-	-	3.9
510	200	95	10	143.2	142.9	1050	-	-	-	-	156.4	1590	-	-	-	-	119.5	2130	-	-	-	-	3.9
520	200	95	10	143.5	138.4	1060	-	-	-	-	129.1	1600	-	-	-	-	120.5	2140	-	-	-	-	3.9
530	200	95	10	143.5	140.3	1070	-	-	-	-	128.9	1610	-	-	-	-	131.9	2150	-	-	-	-	3.9

資料 3.36　流出量・降雨量および水路水位

DISCHARGE & R.I. 6 -4 -2, 521201, 1=150 0 AREA=618.M**2 QMAX=143.3MM/H 6 -4 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	94	30	5	19.7	3.9																		
2220	87	27	5	16.1	0.																		
2280	80	23	5	13.1	0.																		
2340	75	20	5	11.0	0.																		
2400	69	18	4	8.6	0.																		
2460	65	17	4	7.6	0.																		
2520	61	16	4	6.5	0.																		
2580	58	15	4	5.8	0.																		
2640	55	15	4	5.2	0.																		
2700	53	15	4	4.7	0.																		
2760	51	14	4	4.3	0.																		
2820	49	13	4	4.4	0.																		

資料 3.37　流出量・降雨量および水路水位

DISCHARGE & R.I.,　6 -5 -2,　521201,　3 -50 -80 AREA=618.M**2　QMAX= 51.1MM/H　　6 -5 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	38	10	3	2.4	18.8	540	116	41	7	39.1	34.0	1080	144	58	8	64.4	65.5	1620	136	52	8	54.2	54.3
10	37	10	3	1.8	18.8	550	116	41	7	39.8	34.0	1090	-	-	-	-	81.3	1630	-	-	-	-	53.4
20	37	11	3	1.9	18.8	560	117	42	7	40.0	34.0	1100	-	-	-	-	85.9	1640	-	-	-	-	48.7
30	37	11	3	1.8	18.8	570	119	43	7	41.2	32.9	1110	-	-	-	-	90.3	1650	-	-	-	-	48.7
40	37	10	3	1.9	18.8	580	121	44	7	43.2	31.8	1120	-	-	-	-	84.6	1660	-	-	-	-	48.4
50	37	10	3	1.9	18.8	590	121	45	7	43.9	32.1	1130	-	-	-	-	79.0	1670	-	-	-	-	48.3
60	36	10	3	1.9	18.8	600	122	45	7	44.5	33.2	1140	149	60	8	69.6	77.0	1680	134	51	8	52.0	48.3
70	36	10	3	1.9	54.9	610	124	46	7	45.4	35.7	1150	-	-	-	-	74.9	1690	-	-	-	-	47.0
80	36	10	3	1.7	41.7	620	126	47	7	47.0	38.2	1160	-	-	-	-	74.9	1700	-	-	-	-	46.2
90	36	9	3	1.9	36.0	630	126	47	7	47.5	38.2	1170	-	-	-	-	76.0	1710	-	-	-	-	47.0
100	36	9	3	1.8	28.0	640	127	48	7	47.9	35.7	1180	-	-	-	-	72.8	1720	-	-	-	-	51.0
110	35	9	4	1.7	20.1	650	127	48	7	47.1	33.2	1190	-	-	-	-	68.0	1730	-	-	-	-	54.4
120	35	10	4	1.7	20.1	660	128	47	8	47.7	33.2	1200	151	64	9	72.2	70.3	1740	132	49	8	50.8	54.4
130	35	10	4	2.0	20.1	670	128	46	8	47.6	33.2	1210	-	-	-	-	77.7	1750	-	-	-	-	53.6
140	35	10	4	0.8	20.1	680	128	46	7	47.1	34.3	1220	-	-	-	-	79.5	1760	-	-	-	-	50.6
150	35	11	4	0.8	20.8	690	127	46	7	46.6	35.3	1230	-	-	-	-	75.3	1770	-	-	-	-	50.6
160	36	12	4	1.2	23.8	700	128	47	7	47.7	35.3	1240	-	-	-	-	73.5	1780	-	-	-	-	50.5
170	31	12	4	0.9	30.3	710	128	48	7	47.9	35.3	1250	-	-	-	-	71.8	1790	-	-	-	-	51.5
180	31	13	4	1.2	33.1	720	129	49	8	49.0	35.3	1260	154	64	9	74.9	69.0	1800	131	49	8	50.0	52.5
190	32	13	5	1.5	33.8	730	-	-	-	-	35.5	1270	-	-	-	-	67.0	1810	-	-	-	-	51.4
200	33	14	5	1.9	36.8	740	-	-	-	-	36.1	1280	-	-	-	-	56.6	1820	-	-	-	-	50.0
210	34	15	5	2.7	36.8	750	-	-	-	-	37.5	1290	-	-	-	-	54.0	1830	-	-	-	-	48.8
220	35	15	5	3.0	36.8	760	-	-	-	-	39.0	1300	-	-	-	-	54.0	1840	-	-	-	-	48.8
230	32	16	5	5.8	33.8	770	-	-	-	-	39.0	1310	-	-	-	-	54.0	1850	-	-	-	-	52.7
240	34	16	5	6.4	33.7	780	133	51	8	52.1	36.5	1320	151	59	8	69.5	55.1	1860	131	49	8	50.2	55.4
250	35	17	5	7.0	33.6	790	-	-	-	-	34.0	1330	-	-	-	-	55.1	1870	-	-	-	-	56.5
260	47	17	5	10.9	34.2	800	-	-	-	-	33.0	1340	-	-	-	-	53.6	1880	-	-	-	-	56.5
270	49	18	5	11.2	36.6	810	-	-	-	-	32.0	1350	-	-	-	-	53.6	1890	-	-	-	-	55.4
280	51	20	5	12.4	36.6	820	-	-	-	-	34.5	1360	-	-	-	-	55.1	1900	-	-	-	-	54.3
290	54	20	5	10.2	36.6	830	-	-	-	-	37.0	1370	-	-	-	-	55.1	1910	-	-	-	-	54.3
300	55	20	6	10.7	32.8	840	132	50	7	50.6	37.0	1380	142	57	8	59.7	52.9	1920	131	50	8	50.3	48.7
310	59	22	6	12.0	33.1	850	-	-	-	-	34.5	1390	-	-	-	-	51.4	1930	-	-	-	-	38.0
320	61	23	6	12.9	34.3	860	-	-	-	-	32.0	1400	-	-	-	-	51.4	1940	-	-	-	-	38.0
330	64	24	6	14.0	34.3	870	-	-	-	-	32.0	1410	-	-	-	-	51.0	1950	-	-	-	-	38.0
340	67	26	6	15.2	39.3	880	-	-	-	-	33.2	1420	-	-	-	-	47.6	1960	-	-	-	-	38.0
350	70	27	6	16.3	39.3	890	-	-	-	-	35.7	1430	-	-	-	-	47.6	1970	-	-	-	-	38.7
360	73	27	6	17.2	39.3	900	132	50	8	51.3	38.2	1440	141	55	8	59.4	47.6	1980	132	48	7	49.6	31.2
370	76	28	6	18.3	35.1	910	-	-	-	-	38.2	1450	-	-	-	-	52.6	1990	-	-	-	-	31.2
380	79	29	6	19.3	34.7	920	-	-	-	-	36.3	1460	-	-	-	-	55.2	2000	-	-	-	-	31.2
390	81	29	6	20.6	34.3	930	-	-	-	-	34.4	1470	-	-	-	-	55.7	2010	-	-	-	-	31.2
400	84	30	6	21.7	39.2	940	-	-	-	-	34.4	1480	-	-	-	-	52.3	2020	-	-	-	-	24.1
410	86	31	6	23.0	58.5	950	-	-	-	-	37.3	1490	-	-	-	-	51.7	2030	-	-	-	-	19.5
420	89	31	6	24.4	40.5	960	133	51	8	52.6	45.2	1500	137	53	8	55.3	52.5	2040	125	43	7	41.8	19.5
430	93	33	6	26.6	32.8	970	-	-	-	-	47.1	1510	-	-	-	-	51.7	2050	-	-	-	-	19.5
440	95	34	7	27.8	47.2	980	-	-	-	-	41.6	1520	-	-	-	-	54.9	2060	-	-	-	-	19.5
450	97	34	7	29.0	51.2	990	-	-	-	-	36.0	1530	-	-	-	-	56.3	2070	-	-	-	-	19.5
460	101	36	7	30.3	53.5	1000	-	-	-	-	36.0	1540	-	-	-	-	56.6	2080	-	-	-	-	19.5
470	102	36	7	31.2	53.3	1010	-	-	-	-	36.0	1550	-	-	-	-	53.4	2090	-	-	-	-	19.5
480	105	38	7	33.5	52.3	1020	139	57	8	59.3	38.5	1560	136	52	8	54.8	54.0	2100	116	39	6	34.9	19.4
490	106	38	7	33.4	51.5	1030	-	-	-	-	41.0	1570	-	-	-	-	54.4	2110	-	-	-	-	38.1
500	108	39	7	35.1	48.4	1040	-	-	-	-	41.0	1580	-	-	-	-	56.8	2120	-	-	-	-	46.2
510	111	40	7	36.6	33.2	1050	-	-	-	-	43.0	1590	-	-	-	-	58.0	2130	-	-	-	-	41.8
520	112	40	7	37.2	31.5	1060	-	-	-	-	45.0	1600	-	-	-	-	57.5	2140	-	-	-	-	40.7
530	115	40	7	38.8	31.1	1070	-	-	-	-	55.0	1610	-	-	-	-	57.5	2150	-	-	-	-	33.7

資料 3.38　流出量・降雨量および水路水位

DISCHARGE & R.I. 6 -5 -2, 521201, 3 -50 -80 AREA=618.M**2 QMAX= 51.1MM/H 6 -5 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	110	35	6	30.3	26.6																		
2170	-	-	-	-	26.6																		
2180	-	-	-	-	26.6																		
2190	-	-	-	-	24.6																		
2200	-	-	-	-	21.4																		
2210	-	-	-	-	18.1																		
2220	101	31	12	24.0	18.1																		
2230	-	-	-	-	18.1																		
2240	-	-	-	-	18.1																		
2250	-	-	-	-	18.1																		
2260	-	-	-	-	18.1																		
2270	-	-	-	-	18.1																		
2280	95	29	12	20.5	5.5																		
2290	-	-	-	-	5.5																		
2300	-	-	-	-	5.5																		
2310	-	-	-	-	22.7																		
2320	-	-	-	-	40.0																		
2330	-	-	-	-	8.8																		
2340	89	26	12	17.4	8.8																		
2350	-	-	-	-	8.8																		
2360	-	-	-	-	8.8																		
2370	-	-	-	-	8.8																		
2380	-	-	-	-	8.8																		
2390	-	-	-	-	12.8																		
2400	84	25	12	15.0	28.6																		
2460	79	23	12	12.9	0.																		
2520	75	20	12	11.4	0.																		
2580	70	20	12	9.4	0.																		
2640	66	19	11	9.3	0.																		

資料 3.39　流出量・降雨量および水路水位

DISCHARGE & R.I.　6 -6 -2,　521201,　1=200　0 AREA=618.M**2　QMAX=178.7MM/H　6 -6 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	37	-3	6	2.2	44.6	540	216	36	24	174.0	156.2	1080	218	34	24	179.3	187.0	1620	222	40	24	186.7	164.1
10	37	-3	6	2.0	44.6	550	216	36	24	173.1	197.8	1090	-	-	-	-	210.8	1630	-	-	-	-	201.4
20	37	-6	6	2.0	44.6	560	215	36	24	171.5	222.7	1100	-	-	-	-	167.7	1640	-	-	-	-	185.8
30	36	-6	6	2.0	44.6	570	215	34	24	171.6	221.3	1110	-	-	-	-	194.5	1650	-	-	-	-	194.6
40	36	-5	6	2.5	44.6	580	213	33	23	168.4	155.6	1120	-	-	-	-	206.4	1660	-	-	-	-	158.9
50	36	-5	6	2.8	59.6	590	211	34	23	165.3	161.4	1130	-	-	-	-	199.3	1670	-	-	-	-	171.1
60	36	-4	7	3.7	70.0	600	212	38	23	167.3	212.5	1140	218	36	24	177.8	195.7	1680	218	42	24	176.8	175.6
70	38	-4	7	5.5	117.8	610	214	40	24	172.9	225.4	1150	-	-	-	-	206.0	1690	-	-	-	-	182.9
80	39	-2	7	7.2	155.4	620	216	44	24	177.5	171.0	1160	-	-	-	-	157.6	1700	-	-	-	-	154.6
90	41	0	8	10.8	175.8	630	220	36	24	184.7	201.0	1170	-	-	-	-	178.1	1710	-	-	-	-	135.8
100	46	2	9	13.6	186.7	640	220	38	24	184.4	161.8	1180	-	-	-	-	165.9	1720	-	-	-	-	106.3
110	51	4	10	18.3	169.7	650	220	38	25	182.7	138.0	1190	-	-	-	-	168.7	1730	-	-	-	-	98.5
120	61	3	11	24.6	187.2	660	220	36	25	181.5	125.3	1200	211	34	23	162.2	167.7	1740	208	40	22	154.5	62.1
130	69	3	11	29.3	197.5	670	222	33	24	183.7	194.5	1210	-	-	-	-	131.5	1750	-	-	-	-	166.8
140	81	3	13	36.5	170.6	680	218	36	23	176.1	185.4	1220	-	-	-	-	159.5	1760	-	-	-	-	116.8
150	95	5	14	43.1	137.9	690	215	36	23	169.7	179.7	1230	-	-	-	-	145.6	1770	-	-	-	-	103.7
160	107	6	14	50.0	125.5	700	212	38	23	164.9	183.0	1240	-	-	-	-	117.3	1780	-	-	-	-	89.0
170	119	3	14	56.7	122.6	710	211	40	23	163.5	193.3	1250	-	-	-	-	104.7	1790	-	-	-	-	88.0
180	126	5	15	61.9	121.4	720	213	39	24	169.1	135.2	1260	207	37	23	158.4	135.3	1800	188	29	19	117.0	125.0
190	131	5	15	64.8	164.9	730	-	-	-	-	135.9	1270	-	-	-	-	169.1	1810	-	-	-	-	128.5
200	137	21	16	70.2	170.3	740	-	-	-	-	150.4	1280	-	-	-	-	193.3	1820	-	-	-	-	60.2
210	147	27	17	81.8	184.5	750	-	-	-	-	200.7	1290	-	-	-	-	189.2	1830	-	-	-	-	49.7
220	153	30	18	90.3	189.3	760	-	-	-	-	190.8	1300	-	-	-	-	180.6	1840	-	-	-	-	36.4
230	163	28	19	102.2	166.9	770	-	-	-	-	171.9	1310	-	-	-	-	161.9	1850	-	-	-	-	36.4
240	174	24	20	114.7	170.0	780	216	36	24	174.3	158.3	1320	224	40	25	193.3	180.1	1860	165	18	16	81.1	34.8
250	182	26	21	124.7	158.0	790	-	-	-	-	166.2	1330	-	-	-	-	139.4	1870	-	-	-	-	18.3
260	186	27	21	128.3	141.7	800	-	-	-	-	186.6	1340	-	-	-	-	176.5	1880	-	-	-	-	18.3
270	189	21	21	130.9	132.2	810	-	-	-	-	164.3	1350	-	-	-	-	199.6	1890	-	-	-	-	18.3
280	189	27	21	129.3	137.5	820	-	-	-	-	149.3	1360	-	-	-	-	165.8	1900	-	-	-	-	18.3
290	191	30	21	132.0	127.9	830	-	-	-	-	184.5	1370	-	-	-	-	195.1	1910	-	-	-	-	18.3
300	191	31	21	132.7	122.9	840	216	36	24	175.5	197.5	1380	218	38	24	177.2	177.8	1920	139	14	14	51.1	11.1
310	194	31	22	138.7	197.5	850	-	-	-	-	212.5	1390	-	-	-	-	212.4	1930	-	-	-	-	11.1
320	199	32	22	146.4	176.6	860	-	-	-	-	188.0	1400	-	-	-	-	220.7	1940	-	-	-	-	11.1
330	202	32	22	151.9	193.8	870	-	-	-	-	180.0	1410	-	-	-	-	177.8	1950	-	-	-	-	11.1
340	205	30	22	157.0	197.1	880	-	-	-	-	187.6	1420	-	-	-	-	179.8	1960	-	-	-	-	11.1
350	206	34	22	157.9	180.4	890	-	-	-	-	142.4	1430	-	-	-	-	196.6	1970	-	-	-	-	11.1
360	207	36	23	159.1	182.5	900	220	36	24	181.9	132.0	1440	213	36	23	168.6	162.8	1980	124	13	12	39.9	11.1
370	208	36	23	161.2	175.2	910	-	-	-	-	130.0	1450	-	-	-	-	137.7	1990	-	-	-	-	11.1
380	210	36	23	163.9	160.3	920	-	-	-	-	159.1	1460	-	-	-	-	148.1	2000	-	-	-	-	11.1
390	211	36	23	166.0	180.2	930	-	-	-	-	158.6	1470	-	-	-	-	161.6	2010	-	-	-	-	11.1
400	211	36	23	166.2	177.5	940	-	-	-	-	178.2	1480	-	-	-	-	175.2	2020	-	-	-	-	11.1
410	212	36	24	166.2	192.6	950	-	-	-	-	170.0	1490	-	-	-	-	137.7	2030	-	-	-	-	12.3
420	213	36	24	168.9	194.1	960	215	36	24	172.2	193.8	1500	217	34	24	176.2	155.4	2040	116	12	11	34.8	42.6
430	212	36	23	166.8	215.1	970	-	-	-	-	160.1	1510	-	-	-	-	155.4	2050	-	-	-	-	50.9
440	211	36	23	163.7	174.1	980	-	-	-	-	123.3	1520	-	-	-	-	177.6	2060	-	-	-	-	68.2
450	211	36	23	163.2	190.9	990	-	-	-	-	178.2	1530	-	-	-	-	184.8	2070	-	-	-	-	28.7
460	211	36	23	163.5	202.9	1000	-	-	-	-	164.8	1540	-	-	-	-	167.3	2080	-	-	-	-	28.7
470	211	36	23	164.0	179.2	1010	-	-	-	-	147.6	1550	-	-	-	-	166.4	2090	-	-	-	-	28.7
480	211	36	23	165.2	150.4	1020	216	34	24	174.3	135.3	1560	215	36	24	173.6	164.4	2100	109	10	11	29.0	19.3
490	211	36	23	165.5	159.6	1030	-	-	-	-	145.1	1570	-	-	-	-	206.5	2110	-	-	-	-	64.3
500	211	36	23	165.5	178.0	1040	-	-	-	-	175.1	1580	-	-	-	-	155.3	2120	-	-	-	-	17.6
510	215	36	23	173.4	168.6	1050	-	-	-	-	199.3	1590	-	-	-	-	170.5	2130	-	-	-	-	17.6
520	216	36	24	175.4	161.2	1060	-	-	-	-	159.3	1600	-	-	-	-	150.8	2140	-	-	-	-	17.6
530	216	36	24	175.3	184.3	1070	-	-	-	-	139.8	1610	-	-	-	-	147.8	2150	-	-	-	-	17.6

資料 3.40　流出量・降雨量および水路水位

DISCHARGE & R.I., 6 -6 -2, 521201, 1-200 0 AREA=618.M**2 QMAX=178.7MM/H 6 -6 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	100	8	10	23.3	4.3																		
2170	-	-	-	-	4.3																		
2180	-	-	-	-	4.3																		
2220	93	6	9	19.0	0.																		
2280	85	6	9	15.1	0.																		
2340	79	5	8	12.3	0.																		
2400	73	3	8	10.2	0.																		
2460	69	2	8	9.0	0.																		
2520	65	1	8	7.7	0.																		
2580	62	0	7	7.1	0.																		
2640	60	0	7	7.3	0.																		

資料 3.41　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -1 -2,　521202,　1-100　0 AREA=618.M**2　QMAX= 99.7MM/H　7 -1 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	6	4	2	0.0	29.7
10	6	4	2	0.0	29.7
20	6	4	2	0.0	29.7
30	6	4	2	0.0	29.7
40	6	4	2	0.0	81.1
50	6	4	2	0.0	192.5
60	6	4	2	0.0	162.5
70	6	4	2	0.0	192.5
80	6	4	2	0.0	162.5
90	6	4	2	0.0	85.6
100	6	4	2	0.0	38.6
110	6	4	2	0.0	38.4
120	6	4	2	0.0	37.5
130	6	4	2	0.0	37.5
140	6	4	3	0.2	56.9
150	6	4	3	0.3	57.9
160	6	5	3	0.3	74.4
170	6	5	3	0.7	82.6
180	7	6	3	1.1	84.7
190	7	6	3	1.8	88.6
200	8	8	3	2.6	94.2
210	9	9	3	3.2	97.6
220	11	11	3	4.5	100.2
230	14	13	3	5.4	95.2
240	17	15	3	6.6	93.9
250	21	16	3	7.7	92.0
260	24	17	3	8.6	90.6
270	29	18	4	10.6	90.7
280	34	20	4	12.3	93.2
290	39	20	4	14.1	99.6
300	47	22	4	15.9	102.0
310	54	24	5	18.5	102.3
320	61	26	5	20.8	108.2
330	67	28	5	22.9	105.3
340	75	29	5	26.0	98.6
350	81	32	6	28.7	96.0
360	89	35	6	32.7	96.9
370	96	38	6	36.8	99.2
380	103	42	7	41.2	101.6
390	111	46	7	46.4	95.9
400	118	48	7	51.4	95.9
410	123	50	7	55.2	95.9
420	131	53	7	60.9	96.6
430	136	57	8	64.7	109.6
440	142	60	8	70.6	106.9
450	146	64	8	74.2	104.3
460	150	63	8	78.8	97.6
470	153	65	8	80.7	97.0
480	158	68	8	86.1	91.3
490	161	69	8	90.1	90.9
500	164	71	8	93.5	101.1
510	166	72	8	95.1	99.5
520	169	73	9	98.4	97.6
530	170	75	9	98.7	49.6
540	172	73	9	99.9	73.0
550	173	73	8	100.1	106.3
560	172	72	8	97.8	66.3
570	171	71	8	95.4	106.3
580	170	69	8	92.3	94.3
590	166	67	7	86.2	88.3
600	165	64	8	83.8	93.4
610	160	62	8	77.4	79.1
620	158	60	7	74.8	56.3
630	155	59	7	71.4	20.7
640	153	57	7	68.2	20.7
650	150	56	6	65.3	20.7
660	148	53	6	62.4	20.7
670	143	51	6	56.9	20.0
680	141	49	6	54.3	20.0
690	138	49	6	51.7	20.0
700	136	46	6	50.6	20.0
710	133	45	6	48.3	20.0
720	131	43	6	46.0	20.0
730	-	-	-	-	8.5
740	-	-	-	-	8.5
750	-	-	-	-	9.4
760	-	-	-	-	9.4
770	-	-	-	-	9.4
780	120	38	5	37.0	9.4
790	-	-	-	-	9.4
800	-	-	-	-	9.4
810	-	-	-	-	9.4
820	-	-	-	-	9.4
830	-	-	-	-	9.4
840	111	33	5	30.4	5.8
850	-	-	-	-	165.0
860	-	-	-	-	15.8
870	-	-	-	-	15.8
880	-	-	-	-	15.8
900	102	29	5	24.9	0.
960	96	26	5	21.0	0.
1020	89	23	4	16.7	0.
1080	81	20	4	13.2	0.
1140	75	18	4	12.7	0.

資料 3.42　流出量・降雨量および水路水位

DISCHARGE & R.I. 7 -2 -2, 521202, 1=100 0 AREA=618.M**2 QMAX= 99.7MM/H 7 -2 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	74	17	4	12.1	113.0
10	73	17	4	10.5	113.0
20	72	17	4	10.2	113.0
30	71	17	4	9.6	143.0
40	71	16	4	9.4	143.0
50	70	16	4	9.2	179.0
60	69	16	4	8.8	98.6
70	68	16	4	8.8	45.2
80	67	16	4	8.7	50.3
90	67	16	4	9.5	72.2
100	67	17	4	9.8	72.2
110	67	17	4	10.9	67.0
120	69	18	4	11.9	70.2
130	69	20	4	13.0	78.2
140	71	21	4	14.3	102.5
150	72	22	4	15.4	99.7
160	75	23	5	17.7	100.1
170	77	26	5	18.5	98.3
180	81	27	5	20.0	94.2
190	85	28	5	24.1	91.6
200	87	30	5	26.0	91.6
210	87	32	6	26.4	87.7
220	97	35	6	31.9	87.3
230	102	38	6	35.8	87.3
240	107	38	6	40.6	94.9
250	111	42	6	41.4	103.9
260	115	43	6	44.5	91.1
270	120	45	6	47.6	90.0
280	123	46	7	50.9	93.3
290	127	49	7	54.8	92.1
300	131	52	7	57.9	87.3
310	136	54	7	63.2	87.3
320	142	57	7	68.4	106.9
330	146	59	7	72.9	90.1
340	150	60	8	78.2	88.0
350	151	62	8	78.1	92.7
360	155	65	8	82.0	96.0
370	159	66	8	85.4	96.5
380	161	66	8	87.7	93.5
390	162	66	8	88.1	97.7
400	162	67	8	87.3	91.6
410	163	67	8	88.1	86.9
420	164	68	8	89.8	88.2
430	165	69	8	91.9	92.6
440	168	71	8	95.9	88.3
450	170	72	8	98.2	82.7
460	170	72	8	98.1	85.7
470	173	72	8	100.5	89.1
480	172	72	8	99.2	96.9
490	171	71	8	97.5	97.6
500	170	71	8	95.1	120.0
510	170	71	8	94.8	94.0
520	170	69	8	94.4	90.0
530	169	69	8	93.6	53.5
540	168	69	8	91.2	93.7
550	168	69	8	91.1	115.6
560	166	68	8	88.3	89.2
570	165	67	7	86.8	60.6
580	164	66	8	85.0	113.4
590	161	63	7	80.7	120.6
600	159	61	7	77.7	120.6
610	158	60	7	75.4	100.6
620	155	59	6	72.5	34.6
630	153	57	6	69.1	34.6
640	150	55	6	65.6	27.6
650	148	53	6	63.0	20.6
660	145	51	6	59.9	20.6
670	142	49	6	55.9	20.4
680	140	48	6	54.5	20.2
690	138	46	6	52.6	20.2
700	135	46	6	49.9	17.3
710	133	44	5	47.8	14.4
720	131	42	6	45.4	14.4
730	-	-	-	-	14.4
740	-	-	-	-	14.4
750	-	-	-	-	14.4
760	-	-	-	-	14.4
770	-	-	-	-	14.4
780	117	35	5	34.1	14.4
790	-	-	-	-	19.4
800	-	-	-	-	19.4
810	-	-	-	-	19.4
820	-	-	-	-	11.5
830	-	-	-	-	11.5
840	108	31	5	28.5	46.3
850	-	-	-	-	91.3
860	-	-	-	-	22.7
870	-	-	-	-	15.4
880	-	-	-	-	15.4
900	101	28	5	24.0	0.
960	94	25	5	19.4	0.
1020	86	22	4	15.7	0.
1080	81	20	4	13.2	0.
1140	74	17	4	12.1	0.

資料 3.43　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -3 -2,　521202,　2 -50　0 AREA=618.M**2　QMAX= 44.4MM/H　7 -3 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	6	2	1.4	25.0	540	114	40	6	39.7	33.2												
10	31	6	2	1.4	25.0	550	116	41	6	40.4	31.6												
20	31	6	2	1.4	25.0	560	118	42	6	42.0	21.8												
30	31	6	2	1.4	25.0	570	121	42	6	43.6	19.8												
40	31	6	2	1.4	25.0	580	122	42	6	44.1	19.8												
50	31	6	2	1.4	78.3	590	122	42	6	43.9	55.1												
60	31	6	2	1.4	114.5	600	123	42	6	43.7	33.9												
70	31	6	2	1.4	121.6	610	123	42	6	44.0	19.8												
80	31	6	2	1.4	101.6	620	124	42	6	44.3	19.8												
90	31	6	2	1.4	114.5	630	124	42	6	44.4	19.8												
100	31	6	2	1.4	88.8	640	125	42	6	44.5	23.8												
110	31	6	2	1.4	23.6	650	125	42	6	44.1	24.8												
120	31	6	2	1.4	23.6	660	124	41	6	43.2	24.8												
130	31	6	2	1.4	23.6	670	124	41	6	42.3	24.8												
140	31	6	2	1.6	26.0	680	123	40	6	40.6	20.0												
150	31	7	2	1.4	35.5	690	122	40	6	39.6	20.0												
160	31	8	2	1.7	39.7	700	121	38	6	38.3	24.9												
170	31	8	3	2.1	44.8	710	118	38	5	36.2	26.1												
180	31	9	3	2.5	49.2	720	117	37	5	35.3	16.6												
190	32	9	3	3.1	48.7	730	-	-	-	-	7.1												
200	33	10	3	3.4	49.1	740	-	-	-	-	7.1												
210	34	10	3	4.0	49.1	750	-	-	-	-	7.1												
220	36	11	3	4.4	51.6	760	-	-	-	-	7.1												
230	37	12	3	5.0	55.5	770	-	-	-	-	7.1												
240	38	13	3	5.4	56.0	780	108	32	5	28.8	7.1												
250	39	13	3	6.0	53.8	790	-	-	-	-	7.1												
260	42	14	3	6.6	49.8	800	-	-	-	-	7.1												
270	44	14	3	7.8	47.9	810	-	-	-	-	15.0												
280	47	15	4	8.6	47.9	820	-	-	-	-	15.0												
290	48	16	4	8.9	47.4	830	-	-	-	-	15.0												
300	51	17	4	9.7	49.6	840	101	31	5	23.8	15.0												
310	54	17	4	10.6	52.4	850	-	-	-	-	15.0												
320	56	18	4	12.0	52.6	860	-	-	-	-	15.0												
330	59	20	4	12.4	51.0	870	-	-	-	-	15.0												
340	62	20	4	13.5	48.9	900	93	25	4	18.9	0.												
350	66	21	4	15.4	48.9	960	86	22	4	15.9	0.												
360	69	22	4	16.4	48.9	1020	81	20	4	13.5	0.												
370	71	23	4	17.1	49.5	1080	76	18	4	11.5	0.												
380	76	24	5	18.4	49.6	1140	71	17	4	9.8	0.												
390	79	25	5	19.7	49.4	1200	67	16	4	8.2	0.												
400	81	27	5	21.3	49.7	1260	62	15	4	7.9	0.												
410	84	28	5	21.7	49.1																		
420	86	29	5	22.9	49.1																		
430	90	29	5	24.5	49.1																		
440	92	30	5	25.6	47.6																		
450	95	31	5	27.3	49.2																		
460	96	31	5	27.4	48.9																		
470	98	33	5	29.1	48.9																		
480	101	34	5	30.5	47.0																		
490	103	35	6	32.6	46.5																		
500	106	36	6	34.0	46.5																		
510	108	37	6	35.5	46.5																		
520	111	38	6	37.0	48.6																		
530	112	39	6	38.1	33.2																		

資料 3.44　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -4 -2,　521202,　2 -50　0 AREA=618.M**2　QMAX= 46.1MM/H　　7 -4 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	61	13	3	7.6	37.4	540	125	44	6	45.6	32.1												
10	60	13	3	6.7	37.4	550	126	44	6	46.4	9.5												
20	60	13	3	6.7	37.4	560	126	44	6	46.2	9.5												
30	60	13	3	6.5	37.4	570	126	44	6	45.9	9.5												
40	59	13	3	6.2	77.4	580	126	44	6	45.9	49.5												
50	59	13	3	6.0	94.5	590	127	43	6	46.3	50.3												
60	58	13	3	5.9	103.1	600	127	42	6	46.2	29.7												
70	57	13	3	5.6	94.5	610	126	42	6	45.5	13.3												
80	57	13	3	5.8	77.4	620	126	42	6	45.2	13.3												
90	57	13	3	5.8	27.7	630	126	42	6	44.6	13.3												
100	56	13	3	6.0	29.8	640	126	42	6	44.3	13.3												
110	56	13	3	6.1	29.8	650	125	41	6	43.4	30.0												
120	56	13	3	6.4	29.8	660	125	41	6	42.8	30.0												
130	56	14	3	6.7	29.8	670	123	39	5	40.7	20.0												
140	57	14	4	7.2	31.2	680	122	38	5	39.2	20.0												
150	57	14	4	7.5	39.5	690	121	38	5	38.2	20.0												
160	58	15	4	8.1	49.2	700	118	37	5	35.9	17.1												
170	59	16	4	8.4	49.8	710	117	36	5	34.7	17.1												
180	59	16	4	9.1	48.8	720	116	35	5	33.8	17.1												
190	61	17	4	9.9	48.5	730	-	-	-	-	28.6												
200	61	17	4	10.1	49.0	740	-	-	-	-	40.0												
210	64	18	4	11.5	49.0	750	-	-	-	-	86.7												
220	65	20	4	12.3	51.1	760	-	-	-	-	33.3												
230	66	20	4	13.2	50.4	770	-	-	-	-	40.0												
240	69	21	4	14.1	49.4	780	106	30	5	26.8	50.0												
250	71	22	4	14.9	47.8	790	-	-	-	-	72.9												
260	74	23	4	16.5	45.3	800	-	-	-	-	54.1												
270	76	24	5	17.3	46.5	810	-	-	-	-	56.4												
280	77	25	5	17.9	46.8	820	-	-	-	-	49.2												
290	80	25	5	19.1	47.4	830	-	-	-	-	37.5												
300	82	26	5	20.2	50.0	840	98	27	5	22.1	40.0												
310	85	27	5	21.9	49.2	900	91	24	4	18.4	0.												
320	87	28	5	22.9	50.3	960	86	22	4	15.7	0.												
330	90	28	5	24.2	46.8	1020	80	20	4	13.0	0.												
340	92	29	5	25.1	46.4	1080	75	17	4	11.2	0.												
350	95	31	5	27.0	46.4	1140	70	17	4	9.4	0.												
360	96	31	5	27.4	46.4	1200	66	15	4	8.2	0.												
370	98	32	5	28.9	48.4	1260	63	14	3	8.2	0.												
380	101	33	5	29.7	49.3																		
390	103	34	5	31.8	48.8																		
400	105	35	5	33.2	48.6																		
410	106	36	6	33.5	47.9																		
420	108	37	6	34.9	47.9																		
430	111	38	6	36.4	47.9																		
440	113	38	6	38.4	48.3																		
450	115	41	6	39.7	48.8																		
460	116	41	6	40.0	49.6																		
470	117	41	6	40.2	48.1																		
480	120	42	6	42.3	48.1																		
490	121	42	6	43.1	48.1																		
500	121	42	6	43.6	48.1																		
510	122	42	6	43.4	49.0																		
520	123	43	6	44.2	49.8																		
530	124	43	6	44.9	32.1																		

資料 3.45　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -5 -2,　521202,　4　-1　0 AREA=618.M**2　QMAX=155.0MM/H　7 -5 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	13	3	2	0.2	14.5	540	32	10	2	3.6	23.1	1080	85	24	4	18.5	31.3	1620	102	32	5	28.3	34.4
10	13	3	2	-0.0	14.5	550	34	10	2	3.8	23.1	1090	85	24	4	18.3	31.3	1630	103	33	5	29.2	38.0
20	13	3	2	0.0	14.5	560	34	10	2	4.0	23.1	1100	87	24	4	19.3	32.3	1640	104	33	5	29.7	38.3
30	13	3	2	0.0	14.5	570	36	10	2	4.5	23.1	1110	87	24	4	18.9	33.0	1650	105	33	5	30.6	40.5
40	13	3	2	-0.1	14.5	580	37	10	3	4.5	23.6	1120	87	25	4	19.4	32.1	1660	105	33	5	31.0	40.5
50	13	3	2	0.0	14.5	590	38	11	3	4.7	24.1	1130	88	25	4	19.8	30.7	1670	106	33	5	31.5	45.2
60	13	3	2	0.3	14.5	600	40	12	3	4.9	24.1	1140	88	25	4	20.2	30.7	1680	107	34	5	32.2	47.4
70	12	3	2	0.3	14.5	610	41	12	3	5.1	24.0	1150	89	26	4	20.6	29.2	1690	108	34	5	32.9	48.4
80	13	3	2	0.3	14.5	620	42	12	3	5.0	23.8	1160	91	26	4	21.4	28.3	1700	109	35	5	32.9	45.2
90	13	3	2	0.2	14.5	630	43	12	3	4.9	23.8	1170	91	27	4	21.8	28.3	1710	110	36	5	33.7	44.3
100	13	3	2	0.4	14.5	640	44	13	3	5.0	23.8	1180	92	27	4	21.9	28.3	1720	110	36	5	33.9	43.7
110	13	4	2	0.4	14.5	650	44	13	3	5.5	24.4	1190	92	27	4	21.1	28.4	1730	110	35	5	33.6	38.4
120	13	4	2	0.0	14.7	660	46	13	3	5.6	24.8	1200	93	27	4	21.7	28.4	1740	111	35	5	34.1	42.6
130	13	4	2	-0.1	14.7	670	47	13	3	5.8	24.8	1210	92	28	4	20.8	29.1	1750	112	35	5	34.4	42.6
140	13	4	2	-0.1	14.7	680	48	13	3	6.1	24.8	1220	92	28	4	21.2	32.1	1760	111	35	5	34.1	42.6
150	13	4	2	0.0	14.7	690	49	14	3	6.2	24.8	1230	93	28	4	21.2	32.3	1770	112	36	5	34.8	44.8
160	12	4	2	0.2	14.7	700	49	14	3	6.4	25.0	1240	93	27	4	21.8	32.4	1780	112	36	5	34.7	45.0
170	12	4	2	-0.3	14.7	710	50	14	3	6.2	25.0	1250	93	28	4	21.7	32.4	1790	112	36	5	35.3	49.9
180	12	4	2	0.2	14.7	720	51	15	3	6.7	25.0	1260	93	28	4	21.5	30.4	1800	114	37	5	36.9	47.6
190	13	4	2	0.3	14.7	730	52	15	3	7.1	26.6	1270	94	28	4	22.2	29.0	1810	114	38	5	37.2	47.6
200	12	4	2	0.5	18.1	740	53	14	3	7.4	28.2	1280	94	28	4	22.2	29.0	1820	115	38	5	37.4	47.6
210	13	3	2	0.3	18.6	750	54	15	3	7.5	28.2	1290	94	28	4	22.2	29.0	1830	115	39	5	37.2	41.1
220	13	3	2	0.0	21.9	760	55	15	3	7.7	28.2	1300	94	28	4	22.2	29.0	1840	116	38	5	37.8	40.6
230	13	3	2	0.7	22.3	770	56	15	3	8.1	28.9	1310	94	28	4	22.2	29.0	1850	116	38	5	37.5	40.5
240	13	4	2	0.5	22.3	780	57	15	3	8.7	30.9	1320	94	28	5	22.1	30.6	1860	116	37	5	36.9	40.4
250	12	4	2	0.3	22.3	790	58	16	3	8.7	27.5	1330	94	28	5	22.1	30.8	1870	116	37	5	36.2	45.3
260	13	4	2	0.4	22.3	800	59	16	3	8.8	27.5	1340	94	28	5	22.1	26.5	1880	115	36	5	35.8	46.2
270	14	4	2	0.5	22.3	810	61	16	3	9.4	27.5	1350	94	28	5	21.6	23.9	1890	114	36	5	34.6	48.9
280	13	4	2	0.8	22.3	820	62	17	3	9.7	27.5	1360	94	28	5	21.9	23.9	1900	114	36	5	34.9	42.3
290	14	4	2	0.7	22.8	830	62	17	3	10.0	27.5	1370	94	27	5	21.9	22.8	1910	114	36	6	35.2	42.3
300	14	5	2	0.7	23.2	840	63	17	3	9.7	28.2	1380	94	27	5	21.8	22.8	1920	114	37	6	36.3	42.7
310	14	5	2	0.9	23.3	850	64	17	3	10.2	28.2	1390	94	27	5	21.5	22.8	1930	114	38	6	37.3	48.1
320	15	5	2	0.7	23.3	860	65	17	3	10.7	28.2	1400	94	26	5	21.3	22.8	1940	115	40	6	38.3	56.0
330	15	5	2	1.2	23.3	870	65	18	3	10.7	30.1	1410	94	26	5	21.5	22.8	1950	117	41	6	40.5	58.4
340	15	5	2	1.2	23.3	880	67	19	3	11.7	30.1	1420	93	26	5	21.2	48.8	1960	119	42	6	43.1	59.7
350	15	5	2	1.2	23.3	890	68	19	3	11.7	31.0	1430	93	26	5	20.9	59.3	1970	121	43	6	45.2	61.2
360	17	5	2	1.4	23.4	900	69	20	3	12.4	205.0	1440	93	25	5	20.7	52.4	1980	123	44	6	47.0	62.5
370	17	6	2	1.8	23.9	910	70	20	3	12.9	26.6	1450	93	26	5	20.9	52.4	1990	126	45	6	50.2	61.9
380	18	6	2	1.9	24.7	920	71	20	3	13.5	26.6	1460	93	26	5	21.2	37.8	2000	128	47	6	51.7	60.1
390	19	6	2	1.8	24.7	930	72	20	3	13.7	27.6	1470	92	26	5	20.9	23.3	2010	131	49	6	54.2	59.7
400	20	6	2	2.1	24.7	940	74	21	3	14.5	28.2	1480	92	26	5	21.1	23.3	2020	133	50	7	56.1	59.7
410	20	6	2	2.1	24.7	950	75	20	3	14.7	28.2	1490	93	26	5	21.5	23.3	2030	134	51	6	57.0	61.4
420	21	6	2	2.0	24.7	960	76	21	3	14.8	28.2	1500	93	27	5	22.0	23.3	2040	137	52	7	59.1	61.9
430	22	6	2	1.9	24.7	970	77	21	3	15.3	28.2	1510	93	28	5	22.6	23.3	2050	139	53	7	61.1	62.5
440	23	7	2	2.3	24.1	980	78	22	3	15.3	28.2	1520	94	28	5	22.9	66.2	2060	141	54	7	63.5	71.6
450	23	7	2	2.3	24.2	990	78	22	4	15.6	26.3	1530	95	29	5	23.8	54.5	2070	142	55	7	64.3	72.4
460	24	8	2	2.0	27.7	1000	80	22	3	16.1	25.9	1540	96	29	5	24.5	51.2	2080	144	56	7	67.0	71.8
470	25	8	2	2.4	27.7	1010	80	22	3	16.3	29.5	1550	96	29	5	24.8	47.8	2090	146	58	7	69.1	71.8
480	26	8	2	2.8	27.7	1020	81	22	4	16.5	30.4	1560	97	30	5	25.7	45.0	2100	148	59	7	71.3	69.3
490	26	8	2	3.0	27.7	1030	82	22	4	16.8	30.4	1570	98	30	5	26.0	39.7	2110	150	60	7	73.1	70.8
500	28	8	2	2.8	24.2	1040	82	23	4	16.9	30.2	1580	98	30	5	26.6	39.6	2120	151	60	7	74.2	71.1
510	29	8	2	3.1	21.8	1050	83	23	4	17.4	30.0	1590	100	31	5	27.5	39.6	2130	152	60	7	74.8	70.8
520	30	8	2	3.7	21.8	1060	84	23	4	17.6	30.0	1600	100	31	5	27.5	35.5	2140	153	60	7	75.2	72.0
530	31	9	2	3.5	21.8	1070	84	24	4	17.9	31.1	1610	102	31	5	28.7	34.4	2150	153	60	7	74.7	84.5

資料 3.46　流出量・降雨量および水路水位

DISCHARGE & R.I. 7 -5 -2, 521202, 4 -1 0 AREA=618,M**2 QMAX=155.0MM/H 7 -5 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	153	60	7	74.3	89.5	2700	172	72	8	97.6	91.0	3240	124	41	6	42.6	32.1	3780	112	35	5	33.5	30.7
2170	153	59	7	73.3	90.3	2710	172	72	8	97.2	100.8	3250	123	41	6	42.2	32.0	3790	112	34	5	33.3	29.9
2180	153	59	7	73.0	92.3	2720	171	72	8	96.4	101.6	3260	122	40	6	41.1	31.9	3800	112	34	5	33.2	29.9
2190	152	59	7	72.4	118.0	2730	171	71	8	95.4	96.0	3270	122	40	6	41.1	31.9	3810	111	33	5	32.7	29.9
2200	152	58	7	72.6	136.3	2740	170	70	8	94.2	98.4	3280	121	40	6	39.9	30.6	3820	111	33	5	32.2	29.9
2210	151	58	7	71.6	117.7	2750	169	69	7	91.7	100.3	3290	121	39	6	39.9	30.2	3830	110	33	5	31.3	30.7
2220	151	57	7	72.0	117.1	2760	167	68	8	89.8	92.6	3300	120	40	6	39.3	32.0	3840	110	33	5	31.8	31.4
2230	151	59	7	72.4	119.4	2770	165	67	7	87.2	92.6	3310	120	38	6	39.4	32.4	3850	109	33	5	31.3	31.4
2240	152	60	7	74.3	132.5	2780	163	66	8	84.6	90.1	3320	119	38	6	38.4	34.1	3860	109	33	5	30.9	31.4
2250	153	61	7	76.5	144.3	2790	163	66	8	84.9	87.4	3330	118	38	6	38.1	35.7	3870	109	33	5	31.4	31.4
2260	154	64	8	79.2	144.8	2800	163	65	8	85.2	86.2	3340	118	38	6	38.3	40.2	3880	108	32	5	30.7	30.7
2270	157	67	8	84.9	155.8	2810	162	65	8	83.6	82.1	3350	118	38	6	38.2	42.1	3890	107	33	5	30.0	27.9
2280	160	69	8	90.0	168.1	2820	161	64	7	82.5	63.5	3360	118	38	5	38.5	42.1	3900	108	33	5	30.1	29.1
2290	165	73	9	97.5	160.2	2830	160	63	7	80.9	57.3	3370	118	39	5	38.7	40.4	3910	107	32	5	29.9	29.5
2300	170	77	9	104.6	155.7	2840	159	62	7	79.6	57.3	3380	118	39	5	39.0	35.3	3920	107	32	5	29.7	29.5
2310	176	80	9	113.1	155.3	2850	158	61	7	77.6	50.8	3390	118	40	5	39.5	41.6	3930	106	32	5	29.0	29.5
2320	180	82	9	118.6	135.5	2860	157	60	7	76.2	47.0	3400	119	40	5	39.9	41.6	3940	106	31	4	28.7	29.5
2330	184	84	-32	125.2	424.9	2870	155	59	7	74.3	47.0	3410	119	40	5	40.5	41.6	3950	105	31	4	28.3	28.7
2340	189	86	9	132.5	151.5	2880	154	58	7	73.1	46.3	3420	120	41	5	40.8	42.1	3960	105	31	4	28.1	29.0
2350	193	89	9	137.5	159.7	2890	153	58	7	71.2	37.2	3430	120	40	5	40.5	46.9	3970	104	30	4	27.8	29.0
2360	197	92	9	143.7	142.5	2900	152	57	7	70.1	36.8	3440	120	41	5	40.7	48.5	3980	104	30	4	27.5	29.0
2370	199	92	9	147.7	159.0	2910	150	56	7	68.4	36.8	3450	120	39	5	40.4	48.1	3990	104	30	4	27.5	29.0
2380	201	93	9	149.6	156.3	2920	149	55	7	66.4	36.8	3460	120	39	5	39.8	45.9	4000	103	30	4	27.1	29.0
2390	203	93	9	152.6	156.1	2930	148	54	7	65.2	36.7	3470	120	40	5	39.8	44.3	4010	103	30	4	26.8	29.0
2400	204	95	9	153.6	148.5	2940	147	53	6	63.9	35.9	3480	119	39	5	39.7	44.3	4020	102	30	4	26.6	31.2
2410	205	95	10	155.0	159.8	2950	145	53	6	61.5	35.9	3490	119	40	5	39.3	44.1	4030	102	29	4	26.0	31.2
2420	204	94	9	152.2	172.4	2960	144	52	7	60.4	36.0	3500	119	41	5	39.7	44.7	4040	101	30	4	25.8	31.2
2430	205	94	10	152.9	174.5	2970	142	52	6	58.4	42.4	3510	120	41	5	40.7	51.8	4050	102	29	4	26.3	31.2
2440	205	93	9	152.4	168.4	2980	141	51	6	58.2	45.2	3520	120	41	5	40.3	52.1	4060	100	29	4	25.7	31.2
2450	204	94	9	151.6	162.0	2990	140	50	6	57.5	45.3	3530	120	40	5	40.1	52.1	4070	100	29	4	25.5	30.9
2460	204	94	10	151.2	155.2	3000	140	50	6	57.4	45.3	3540	120	40	5	39.8	55.2	4080	100	29	4	25.4	30.5
2470	204	92	10	150.2	149.2	3010	138	50	6	55.9	44.1	3550	119	40	5	39.4	55.6	4090	101	29	4	26.1	30.4
2480	203	93	10	149.5	153.2	3020	138	50	6	56.1	44.1	3560	119	40	5	39.3	61.3	4100	100	29	4	25.2	30.4
2490	202	92	10	147.2	162.9	3030	138	50	6	55.5	43.8	3570	119	40	5	39.1	66.1	4110	100	29	4	25.0	30.4
2500	202	92	9	147.0	159.4	3040	137	49	6	55.3	45.9	3580	119	40	5	38.9	66.1	4120	100	28	4	24.9	29.9
2510	202	92	10	146.7	137.9	3050	137	49	6	54.7	49.1	3590	118	40	5	38.6	67.1	4130	99	28	4	24.6	27.8
2520	201	91	10	144.0	132.1	3060	136	48	6	54.2	49.1	3600	118	40	5	38.4	72.1	4140	98	29	4	24.1	26.5
2530	200	91	9	141.6	120.1	3070	136	48	6	53.4	48.7	3610	118	40	5	38.5	72.1	4150	98	29	4	24.1	24.5
2540	198	90	9	138.2	129.4	3080	135	47	6	52.9	44.7	3620	118	41	5	38.9	70.1	4160	98	28	4	24.4	24.5
2550	197	89	9	136.3	155.2	3090	135	47	6	52.4	43.5	3630	119	41	5	39.5	59.1	4170	98	28	4	23.8	24.5
2560	196	87	9	132.3	123.0	3100	133	47	6	51.1	40.9	3640	119	39	5	39.5	54.6	4180	98	28	4	23.7	24.5
2570	193	84	9	127.9	117.1	3110	133	46	6	50.3	38.3	3650	118	39	5	39.1	46.6	4190	98	28	4	23.3	24.5
2580	191	83	9	124.1	117.1	3120	132	46	6	49.8	37.7	3660	118	39	5	38.6	46.6	4200	97	27	4	22.4	24.2
2590	189	81	9	120.1	114.6	3130	132	45	6	50.0	35.2	3670	118	40	5	38.5	46.6	4210	96	26	4	22.0	24.2
2600	187	80	8	117.4	108.8	3140	131	45	6	48.4	35.2	3680	119	39	5	38.7	45.7	4220	95	26	4	21.4	25.2
2610	184	78	8	113.2	97.9	3150	130	44	6	47.9	35.2	3690	118	38	5	37.7	36.3	4230	95	26	4	21.3	25.5
2620	183	77	8	111.2	84.8	3160	129	44	6	46.6	35.2	3700	117	37	5	37.0	36.4	4240	94	26	4	21.3	25.5
2630	182	76	8	109.8	112.8	3170	128	43	6	45.9	34.1	3710	116	37	5	35.8	36.9	4250	94	26	4	21.6	25.5
2640	179	76	8	106.5	88.1	3180	128	42	6	45.5	33.4	3720	116	37	5	35.7	36.9	4260	93	26	4	21.0	25.5
2650	178	75	8	104.2	85.6	3190	126	42	6	44.0	32.5	3730	115	36	5	35.1	35.3	4270	94	26	4	21.5	26.0
2660	176	75	8	102.0	88.6	3200	126	42	6	44.0	31.2	3740	114	36	5	34.5	34.3	4280	94	26	4	21.6	26.5
2670	175	73	8	101.2	92.1	3210	125	41	6	43.6	31.2	3750	114	36	5	34.3	34.3	4290	93	26	4	21.6	27.8
2680	174	73	8	99.3	98.7	3220	124	41	6	42.6	31.2	3760	114	35	5	34.6	33.1	4300	93	26	4	21.2	27.8
2690	173	73	8	98.2	92.7	3230	124	41	6	42.9	32.1	3770	113	35	5	34.5	31.9	4310	94	26	4	21.5	27.8

資料 3.47　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -5 -2,　521202,　4　-1　0 AREA=618.M**2　QMAX=155.0MM/H　7 -5 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
4320	94	26	4	21.5	27.8	4860	72	17	4	9.9	0.	5400	50	12	3	4.2	0.	5940	39	7	2	2.3	0.
4330	93	26	4	20.7	27.8	4870	72	17	4	10.2	0.	5410	50	11	3	4.0	0.	5950	39	6	2	2.5	0.
4340	93	25	4	20.6	27.7	4880	71	17	4	10.0	0.	5420	50	10	3	4.2	0.	5960	39	7	2	2.5	0.
4350	92	26	4	20.2	27.8	4890	70	17	4	9.5	0.	5430	50	11	3	4.0	0.						
4360	92	25	4	20.2	28.0	4900	70	17	4	9.5	0.	5440	49	11	3	4.1	0.						
4370	92	24	4	20.0	28.0	4910	69	16	4	9.5	0.	5450	49	11	3	3.7	0.						
4380	91	25	4	19.8	28.0	4920	68	17	4	9.3	0.	5460	49	11	3	3.9	0.						
4390	91	25	4	19.9	28.0	4930	68	16	3	8.9	0.	5470	49	11	3	4.0	0.						
4400	91	24	4	19.6	27.9	4940	68	16	3	8.8	0.	5480	48	11	3	3.9	0.						
4410	90	24	4	19.4	24.5	4950	67	16	3	8.7	0.	5490	49	11	3	4.2	0.						
4420	90	25	4	19.2	25.1	4960	66	15	3	8.1	0.	5500	48	11	3	3.8	0.						
4430	90	24	4	19.4	25.4	4970	66	15	3	8.1	0.	5510	48	10	3	3.9	0.						
4440	90	24	4	19.1	25.4	4980	65	15	3	8.1	0.	5520	48	10	3	3.8	0.						
4450	89	24	4	18.8	25.4	4990	64	15	3	7.7	0.	5530	48	9	3	3.5	0.						
4460	89	24	4	18.8	25.4	5000	64	15	3	7.9	0.	5540	47	9	3	3.4	0.						
4470	89	24	4	18.4	25.4	5010	64	14	3	7.7	0.	5550	47	9	3	3.2	0.						
4480	89	24	4	18.6	22.9	5020	63	14	3	7.6	0.	5560	46	9	3	3.2	0.						
4490	89	24	4	18.6	22.2	5030	63	14	3	7.6	0.	5570	46	9	3	3.4	0.						
4500	88	24	4	18.2	22.2	5040	62	14	3	7.1	0.	5580	46	9	3	3.3	0.						
4510	88	24	4	18.1	22.2	5050	62	14	3	7.1	0.	5590	46	9	3	3.6	0.						
4520	88	23	4	18.1	22.2	5060	62	14	3	6.9	0.	5600	46	9	3	3.3	0.						
4530	88	23	4	18.2	22.2	5070	61	14	3	6.9	0.	5610	46	9	3	3.6	0.						
4540	87	23	4	18.0	22.4	5080	61	14	3	6.8	0.	5620	46	9	3	3.3	0.						
4550	87	24	4	18.0	24.4	5090	60	13	3	6.6	0.	5630	45	9	3	2.9	0.						
4560	87	23	4	17.7	24.4	5100	60	13	3	6.5	0.	5640	45	9	3	2.8	0.						
4570	87	23	4	17.9	17.1	5110	59	13	3	6.3	0.	5650	44	8	3	2.7	0.						
4580	87	24	4	17.7	11.3	5120	59	13	3	6.3	0.	5660	44	8	3	2.9	0.						
4590	87	24	4	18.0	11.3	5130	59	13	3	6.4	0.	5670	43	8	3	2.3	0.						
4600	87	24	4	18.0	0.	5140	58	13	3	6.1	0.	5680	43	9	3	2.6	0.						
4610	86	23	4	17.4	0.	5150	58	13	3	6.1	0.	5690	43	8	3	2.8	0.						
4620	87	23	4	17.5	0.	5160	58	13	3	6.2	0.	5700	42	8	3	2.8	0.						
4630	87	23	4	17.4	0.	5170	57	13	3	5.9	0.	5710	42	8	3	2.6	0.						
4640	86	23	4	16.9	0.	5180	57	13	3	6.1	0.	5720	42	9	3	2.6	0.						
4650	85	22	4	16.5	0.	5190	57	13	3	5.9	0.	5730	42	9	3	2.8	0.						
4660	85	22	4	15.8	0.	5200	57	13	3	5.9	0.	5740	42	9	3	2.5	0.						
4670	84	22	4	15.7	0.	5210	56	13	3	5.7	0.	5750	42	8	3	2.5	0.						
4680	84	22	4	15.7	0.	5220	56	13	3	5.4	0.	5760	41	8	3	2.4	0.						
4690	83	21	4	14.8	0.	5230	55	13	3	5.4	0.	5770	41	8	3	2.7	0.						
4700	82	21	4	14.4	0.	5240	55	13	3	5.4	0.	5780	41	8	3	2.5	0.						
4710	82	21	4	13.9	0.	5250	55	12	3	5.3	0.	5790	41	8	3	2.7	0.						
4720	81	21	4	13.7	0.	5260	55	12	3	5.4	0.	5800	41	8	3	2.9	0.						
4730	80	20	4	13.3	0.	5270	54	13	3	5.3	0.	5810	41	8	3	2.7	0.						
4740	79	20	4	12.8	0.	5280	54	12	3	5.2	0.	5820	41	8	3	2.7	0.						
4750	78	20	4	12.8	0.	5290	54	12	3	5.2	0.	5830	41	8	3	2.3	0.						
4760	78	19	4	12.5	0.	5300	54	12	3	5.2	0.	5840	40	8	2	2.4	0.						
4770	77	19	4	12.6	0.	5310	53	12	3	5.0	0.	5850	40	8	2	2.3	0.						
4780	77	19	4	12.4	0.	5320	53	12	3	5.0	0.	5860	40	8	3	2.2	0.						
4790	76	18	4	11.8	0.	5330	53	12	3	4.9	0.	5870	40	8	3	2.3	0.						
4800	76	18	4	12.0	0.	5340	52	12	3	4.8	0.	5880	39	7	3	2.3	0.						
4810	75	18	4	11.6	0.	5350	52	12	3	4.8	0.	5890	39	8	3	2.3	0.						
4820	74	17	4	11.2	0.	5360	52	12	3	4.6	0.	5900	39	8	2	2.1	0.						
4830	74	17	4	11.1	0.	5370	52	12	3	4.5	0.	5910	39	8	2	2.4	0.						
4840	73	17	4	10.8	0.	5380	52	12	3	4.5	0.	5920	39	7	2	2.3	0.						
4850	72	17	4	10.4	0.	5390	51	12	3	4.3	0.	5930	38	7	2	2.3	0.						

資料 3.48　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -6 -2,　521202,　4　-2　0 AREA=618.M**2　QMAX=162.6MM/H　7　-6　-2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	30	5	2	1.4	17.7	540	62	16	3	10.0	40.9	1080	94	27	4	22.1	34.6	1620	101	29	4	26.6	39.1
10	31	5	2	1.9	17.7	550	64	16	3	11.0	38.0	1090	94	27	4	22.2	34.6	1630	100	29	4	26.0	49.1
20	31	5	2	1.6	17.7	560	65	16	3	11.0	36.1	1100	94	28	4	22.4	35.1	1640	101	29	4	26.1	39.8
30	31	5	2	1.6	17.7	570	65	16	3	11.2	32.9	1110	94	28	4	22.2	29.2	1650	101	30	4	26.0	31.5
40	31	5	2	1.5	17.7	580	67	17	3	11.4	31.6	1120	95	28	4	22.8	29.2	1660	100	29	4	26.1	31.6
50	31	5	2	1.4	17.7	590	68	18	3	12.0	31.6	1130	95	28	4	23.1	29.2	1670	100	30	4	26.0	31.6
60	31	5	2	1.3	17.7	600	69	20	3	12.7	31.6	1140	95	28	4	22.8	29.2	1680	100	30	4	26.1	32.7
70	31	5	2	1.1	17.7	610	70	20	3	12.8	30.0	1150	96	28	4	23.2	29.8	1690	101	30	4	26.8	40.3
80	31	5	2	1.6	17.7	620	72	21	3	13.5	29.8	1160	96	28	4	23.1	29.7	1700	101	32	4	27.1	55.6
90	30	5	2	1.2	17.7	630	73	21	3	13.6	30.5	1170	96	28	4	23.2	28.0	1710	101	31	4	27.6	42.9
100	30	5	2	1.4	17.7	640	73	20	3	13.9	28.7	1180	96	28	4	22.9	28.0	1720	102	31	4	27.6	30.9
110	31	5	2	1.3	18.4	650	75	21	3	14.4	28.7	1190	96	28	4	22.9	28.0	1730	103	31	4	28.4	31.6
120	30	5	2	1.5	20.3	660	75	21	3	14.6	28.7	1200	96	28	4	23.1	28.0	1740	103	31	4	28.5	31.6
130	31	6	2	1.7	20.4	670	77	22	4	15.2	28.7	1210	96	28	4	22.9	28.0	1750	103	32	4	28.1	31.6
140	30	6	2	1.5	21.8	680	78	22	4	15.2	27.2	1220	96	28	4	23.1	31.4	1760	103	31	4	28.4	31.6
150	31	6	2	2.1	21.8	690	79	22	4	15.9	26.5	1230	96	27	4	23.4	33.7	1770	103	32	4	28.1	30.9
160	31	6	2	1.8	21.8	700	79	22	4	16.0	26.5	1240	96	28	4	23.2	37.3	1780	103	32	5	28.4	30.8
170	32	7	2	2.3	25.2	710	79	22	4	15.8	26.5	1250	96	28	4	23.4	40.9	1790	104	32	5	28.9	35.2
180	32	8	2	2.4	26.1	720	81	24	4	16.5	26.5	1260	96	28	4	23.1	35.0	1800	104	31	5	28.7	35.2
190	32	8	2	2.3	29.6	730	82	24	4	17.0	26.5	1270	97	28	4	23.8	34.6	1810	104	31	5	29.2	35.2
200	33	9	2	2.6	29.6	740	82	24	4	17.4	26.4	1280	96	28	4	23.5	34.8	1820	104	32	5	28.9	35.2
210	33	8	2	2.5	29.6	750	83	24	4	17.7	27.8	1290	96	28	4	23.2	34.3	1830	105	33	5	29.5	36.7
220	34	9	2	3.2	29.6	760	84	24	4	17.6	27.8	1300	97	28	4	23.8	34.3	1840	105	33	5	29.7	40.1
230	35	9	2	3.0	31.7	770	84	24	4	17.7	27.8	1310	97	28	4	24.6	34.3	1850	105	32	5	29.9	44.1
240	35	9	2	3.3	36.6	780	85	24	4	17.9	28.5	1320	97	28	4	25.1	34.0	1860	106	33	5	29.9	45.2
250	36	9	2	3.5	36.8	790	85	24	4	18.0	28.8	1330	98	29	4	24.9	32.6	1870	106	33	5	30.1	40.3
260	36	10	2	3.4	36.8	800	85	25	4	18.0	29.0	1340	98	29	4	25.7	32.3	1880	106	33	5	30.6	39.8
270	38	10	2	3.9	36.5	810	85	25	4	17.7	29.8	1350	99	29	4	26.4	32.3	1890	106	33	5	29.9	33.8
280	38	10	2	3.8	34.2	820	86	25	4	18.5	29.8	1360	99	29	4	26.1	32.3	1900	107	33	5	30.8	32.3
290	39	10	2	3.9	28.9	830	87	24	4	18.6	29.8	1370	100	30	4	26.4	34.3	1910	107	33	5	31.0	32.3
300	40	10	2	4.0	28.9	840	87	25	4	18.9	29.8	1380	100	29	4	26.4	36.2	1920	107	33	5	30.9	29.8
310	41	10	2	4.4	28.9	850	88	25	4	19.5	29.8	1390	101	30	4	26.9	36.2	1930	107	33	5	31.0	29.8
320	41	11	2	4.4	28.9	860	87	26	4	19.4	29.6	1400	101	30	4	26.6	36.2	1940	107	33	5	31.1	29.8
330	42	11	2	4.6	28.2	870	88	25	4	19.9	29.5	1410	101	29	4	26.3	36.3	1950	108	33	5	31.9	29.8
340	43	11	2	4.6	27.4	880	89	25	4	20.4	29.5	1420	101	30	4	26.3	41.7	1960	108	34	5	31.9	27.8
350	44	12	2	5.4	27.4	890	90	26	4	21.2	29.5	1430	101	29	4	26.5	41.7	1970	109	35	5	32.8	27.4
360	45	12	2	5.4	27.4	900	90	27	4	21.1	29.5	1440	100	30	4	26.0	41.7	1980	110	35	5	33.4	27.9
370	45	11	2	5.2	27.4	910	91	27	4	21.5	30.9	1450	101	29	4	26.1	54.5	1990	110	35	5	33.7	28.1
380	47	12	3	5.9	27.0	920	92	27	4	21.4	33.3	1460	101	30	4	26.6	59.2	2000	111	35	5	33.9	28.1
390	48	12	3	6.3	28.9	930	92	28	4	21.6	35.8	1470	101	30	4	26.6	54.4	2010	111	36	5	33.6	28.1
400	48	12	3	5.9	28.9	940	93	27	4	21.7	35.8	1480	100	30	5	26.0	53.2	2020	111	35	5	33.5	28.1
410	49	13	2	5.8	28.9	950	93	27	4	21.4	35.8	1490	101	30	4	26.1	50.1	2030	111	35	5	33.5	26.6
420	51	12	3	6.3	28.9	960	92	28	4	21.1	35.2	1500	101	30	4	26.6	43.1	2040	111	35	5	33.4	24.2
430	50	13	3	6.3	28.9	970	93	28	4	21.2	32.9	1510	101	30	4	26.3	37.6	2050	111	35	5	33.7	24.2
440	51	13	3	6.6	28.2	980	92	27	4	21.1	33.7	1520	101	29	4	26.1	37.6	2060	111	34	5	33.0	24.2
450	52	13	3	6.7	24.6	990	93	28	4	21.7	34.5	1530	101	30	4	26.0	37.6	2070	110	35	5	32.8	24.2
460	53	13	3	7.4	24.6	1000	93	28	4	21.7	34.5	1540	100	29	4	25.8	47.7	2080	111	35	5	33.5	24.2
470	55	14	3	7.9	24.6	1010	93	27	4	22.0	34.5	1550	100	29	4	26.0	47.7	2090	111	36	6	33.8	26.7
480	55	14	3	8.0	24.6	1020	94	27	4	22.2	32.4	1560	100	29	4	26.0	40.4	2100	111	36	6	34.6	29.1
490	56	14	3	8.1	24.6	1030	94	28	4	22.5	30.3	1570	100	30	4	26.0	33.1	2110	111	36	6	34.3	33.9
500	57	14	3	8.4	24.6	1040	94	28	4	22.1	28.8	1580	101	30	4	26.5	31.1	2120	113	37	6	35.7	36.6
510	59	15	3	9.2	27.8	1050	94	28	4	22.2	28.8	1590	101	30	4	26.6	29.1	2130	114	37	6	36.6	38.4
520	59	16	3	9.6	31.4	1060	94	28	4	22.1	28.8	1600	100	30	4	26.0	29.1	2140	114	38	6	36.9	38.4
530	61	16	3	9.9	39.4	1070	94	28	4	22.2	31.7	1610	101	30	4	26.3	29.1	2150	114	38	6	37.2	38.4

資料 3.49　流出量・降雨量および水路水位

DISCHARGE & R.I.　7 -6 -2,　521202,　4　-2　0 AREA=618.M**2　QMAX=162.6MM/H　　7 -6 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	115	39	5	37.8	38.4	2700	130	45	6	49.7	48.5	3240	153	58	7	73.5	64.6	3780	166	65	7	84.3	50.8
2170	116	39	6	38.7	38.1	2710	130	45	6	49.0	49.1	3250	151	57	6	71.0	64.6	3790	161	61	7	78.2	50.8
2180	117	39	6	39.7	37.9	2720	130	45	6	49.0	49.1	3260	150	57	6	69.5	66.2	3800	159	59	7	75.2	50.8
2190	118	40	6	39.8	38.0	2730	131	45	6	50.1	51.2	3270	150	55	7	68.9	68.7	3810	155	57	7	70.6	50.8
2200	118	40	6	40.2	39.7	2740	131	46	6	50.3	53.7	3280	148	55	7	67.7	74.8	3820	152	56	7	67.0	48.6
2210	119	40	6	40.8	39.7	2750	131	46	6	50.1	54.8	3290	148	56	7	68.1	109.7	3830	150	54	7	64.7	47.5
2220	119	40	6	40.7	39.7	2760	131	46	6	50.7	56.2	3300	149	57	7	68.8	115.8	3840	147	53	6	60.9	37.7
2230	120	41	6	41.5	39.7	2770	131	46	6	51.2	60.0	3310	149	57	7	69.6	129.3	3850	144	52	6	58.5	37.7
2240	121	40	6	41.7	40.6	2780	131	47	6	50.7	60.8	3320	149	57	7	70.4	123.0	3860	142	49	6	55.8	37.7
2250	121	41	5	41.7	40.8	2790	132	48	6	52.3	60.8	3330	149	57	7	71.3	123.1	3870	139	47	6	53.1	41.9
2260	121	41	6	41.7	41.2	2800	134	48	6	53.9	60.9	3340	150	58	7	73.7	136.7	3880	136	46	6	50.5	45.9
2270	122	40	6	42.0	41.2	2810	134	48	6	54.2	61.4	3350	151	61	7	75.7	144.9	3890	134	44	6	48.6	48.2
2280	122	40	6	41.8	41.8	2820	135	49	6	54.9	59.0	3360	154	64	8	81.2	149.1	3900	132	43	6	47.0	48.2
2290	121	40	6	41.4	40.4	2830	135	49	6	54.8	59.3	3370	158	68	8	86.7	140.8	3910	129	42	6	44.2	48.9
2300	121	40	6	41.1	39.4	2840	136	49	6	55.6	58.8	3380	163	71	8	94.1	160.0	3920	127	41	6	42.9	55.5
2310	121	40	6	40.8	39.4	2850	136	49	6	55.9	60.2	3390	168	73	9	99.5	169.3	3930	125	40	6	40.9	58.9
2320	121	40	6	41.4	38.6	2860	136	49	6	55.1	60.9	3400	171	73	9	103.3	173.0	3940	123	40	6	39.2	52.3
2330	121	40	6	41.0	38.4	2870	137	50	6	56.2	62.1	3410	174	76	9	108.1	181.5	3950	122	39	6	39.3	48.9
2340	121	40	6	41.4	38.4	2880	137	49	6	56.6	60.5	3420	176	78	9	110.3	185.3	3960	120	38	5	37.2	37.6
2350	121	40	6	41.2	38.4	2890	137	50	6	56.4	58.7	3430	179	80	9	115.2	180.7	3970	118	37	5	36.1	26.3
2360	121	40	6	41.7	41.6	2900	138	50	6	56.9	60.6	3440	183	84	9	122.3	180.0	3980	118	36	5	35.6	12.6
2370	121	40	6	40.8	43.1	2910	138	50	6	56.9	61.1	3450	188	86	10	130.0	180.0	3990	116	35	5	34.1	12.6
2380	121	40	6	41.0	43.1	2920	138	50	6	57.8	58.3	3460	192	88	9	136.8	184.7	4000	114	33	5	32.7	12.6
2390	122	40	6	41.7	43.1	2930	138	50	6	56.9	56.4	3470	196	90	9	142.2	167.7	4010	113	33	5	31.5	12.6
2400	121	40	6	41.1	41.2	2940	138	51	6	57.6	55.5	3480	199	91	9	147.1	163.0	4020	111	32	5	30.2	12.6
2410	121	40	5	41.5	39.0	2950	139	50	6	58.0	58.0	3490	200	91	9	147.3	146.3	4030	110	31	5	29.6	12.6
2420	121	40	6	40.8	38.5	2960	139	50	6	58.4	61.6	3500	200	91	9	146.1	147.5	4040	108	30	5	28.0	12.6
2430	121	41	6	41.7	38.5	2970	139	50	6	59.1	62.9	3510	201	91	9	145.9	154.4	4050	106	30	5	27.1	12.6
2440	121	41	6	41.5	38.9	2980	139	51	6	59.3	62.7	3520	200	91	9	145.0	160.1	4060	105	29	5	26.1	0.
2450	121	41	6	41.9	42.6	2990	140	52	6	60.4	61.0	3530	200	91	9	145.6	172.9	4070	103	29	5	25.1	0.
2460	122	41	6	42.4	42.6	3000	141	53	7	61.3	58.4	3540	200	92	10	146.2	156.1	4080	102	28	5	24.0	0.
2470	122	41	6	42.6	46.7	3010	142	53	7	62.9	56.0	3550	201	93	10	148.6	148.3	4090	101	28	5	23.3	0.
2480	122	42	6	43.5	48.6	3020	143	54	7	63.2	58.0	3560	203	94	10	152.4	146.0	4100	99	26	5	22.1	0.
2490	123	42	6	44.3	49.7	3030	143	54	7	63.1	59.6	3570	206	97	10	157.2	148.3	4110	97	26	5	21.0	0.
2500	124	42	6	44.8	49.8	3040	144	54	7	64.5	63.7	3580	207	97	10	160.0	150.7	4120	96	25	-32	20.0	0.
2510	125	43	6	46.2	48.6	3050	145	54	7	64.8	64.2	3590	208	96	10	160.5	131.3	4130	94	25	5	19.4	0.
2520	126	42	6	46.4	53.1	3060	145	55	7	65.3	62.5	3600	208	97	10	160.5	129.5	4140	93	25	5	19.2	0.
2530	126	42	6	46.2	54.2	3070	146	55	7	65.4	63.7	3610	209	98	10	162.1	137.5	4150	92	24	5	18.2	0.
2540	127	42	6	46.6	54.2	3080	145	54	6	64.8	63.3	3620	210	100	11	162.6	148.2	4160	91	23	5	17.6	0.
2550	127	42	6	46.5	49.0	3090	145	54	7	64.5	63.9	3630	209	99	11	161.0	146.0	4170	90	23	5	17.2	0.
2560	127	43	6	46.6	48.7	3100	145	54	7	64.4	64.4	3640	210	98	11	160.2	110.8	4180	88	22	5	16.2	0.
2570	127	43	6	46.6	48.7	3110	146	54	6	65.2	64.8	3650	209	96	10	157.1	88.2	4190	86	22	5	15.6	0.
2580	127	43	6	46.8	48.9	3120	145	54	7	64.7	59.7	3660	207	92	10	153.0	44.7	4200	86	22	5	15.0	0.
2590	127	44	6	47.2	50.0	3130	145	54	6	64.7	59.7	3670	203	89	9	143.3	44.7	4210	84	22	5	14.6	0.
2600	128	44	6	48.3	50.0	3140	146	54	7	65.4	60.0	3680	199	86	9	136.0	27.2	4220	84	21	5	14.7	0.
2610	129	44	6	48.4	50.0	3150	146	54	7	65.7	63.0	3690	195	83	9	127.7	27.2	4230	82	20	5	13.4	0.
2620	129	45	6	48.6	47.8	3160	146	55	7	66.0	67.3	3700	191	81	9	121.1	27.2	4240	81	20	5	13.1	0.
2630	129	45	6	48.9	48.0	3170	147	56	7	67.6	67.6	3710	187	79	9	114.6	27.2	4250	80	19	5	12.7	0.
2640	128	44	6	47.8	48.0	3180	147	57	7	68.3	70.3	3720	184	76	9	110.3	27.2	4260	79	18	5	12.3	0.
2650	129	45	6	48.9	48.0	3190	148	58	7	69.7	68.1	3730	180	74	8	104.4	27.2	4270	78	18	4	12.1	0.
2660	130	45	6	49.2	49.2	3200	150	59	7	72.0	66.3	3740	177	72	8	99.6	27.2	4280	77	18	5	11.8	0.
2670	130	45	6	49.5	48.6	3210	150	59	7	72.6	65.5	3750	174	70	8	95.4	27.2	4290	76	18	4	11.5	0.
2680	130	44	6	49.5	48.6	3220	151	59	7	73.0	69.5	3760	171	68	8	91.0	35.0	4300	75	17	4	11.3	0.
2690	130	45	6	49.3	47.9	3230	152	59	7	73.2	65.9	3770	168	67	8	87.9	50.8	4310	75	17	4	11.3	0.

資料 3.50　流出量・降雨量および水路水位

DISCHARGE & R.I. 7 -6 -2, 521202, 4 -2 0 AREA=618.M**2 QMAX=162.6MM/H 7 -6 -2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
4320	74	17	4	11.1	0.																		
4330	73	17	4	10.7	0.																		
4340	72	17	4	9.8	0.																		
4350	72	16	4	10.1	0.																		
4360	71	16	5	9.9	0.																		
4370	70	17	4	9.6	0.																		
4380	70	16	4	9.7	0.																		
4390	69	16	4	9.0	0.																		
4400	69	15	4	9.3	0.																		
4410	68	15	4	8.6	0.																		
4420	67	14	4	8.1	0.																		
4430	66	14	4	7.9	0.																		
4440	66	14	4	8.1	0.																		
4450	65	14	4	7.9	0.																		
4460	65	14	4	7.9	0.																		
4470	65	14	4	7.9	0.																		
4480	64	14	4	7.7	0.																		
4490	63	13	4	7.4	0.																		
4500	63	14	4	7.1	0.																		
4510	62	13	4	6.9	0.																		
4520	62	14	4	7.1	0.																		
4530	61	13	4	6.9	0.																		
4540	60	13	4	6.6	0.																		
4550	61	13	4	6.8	0.																		
4560	60	13	4	6.6	0.																		
4570	60	13	4	6.5	0.																		
4580	59	13	4	6.0	0.																		
4590	59	13	4	6.2	0.																		
4600	58	12	4	5.9	0.																		
4610	57	13	4	5.9	0.																		
4620	58	13	4	6.1	0.																		
4630	57	13	4	6.1	0.																		
4640	57	13	4	6.1	0.																		
4650	57	13	4	5.8	0.																		
4660	56	13	4	5.8	0.																		
4670	56	13	4	5.5	0.																		
4680	56	12	4	5.4	0.																		
4690	56	12	4	5.4	0.																		
4700	55	12	4	5.2	0.																		
4710	54	12	4	4.8	0.																		
4720	54	12	4	4.5	0.																		
4730	53	11	4	4.3	0.																		
4740	53	11	4	5.4	0.																		

資料 3.51　流出量・降雨量および水路水位

DISCHARGE & R.I,　8 -1 -3,　521205,　3-150-200 AREA=628.M**2　QMAX=140.3MM/H　　8 -1 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	35	11	10	1.9	41.7	540	199	124	72	140.4	127.5	1080	199	124	73	140.4	131.9	1620	219	147	79	178.3	160.0
10	35	11	10	2.2	41.7	550	199	124	72	140.4	123.9	1090	-	-	-	-	140.0	1630	-	-	-	-	153.2
20	35	11	10	2.1	41.7	560	199	124	72	140.4	131.4	1100	-	-	-	-	134.0	1640	-	-	-	-	157.5
30	36	11	10	2.2	41.7	570	199	124	73	140.4	131.1	1110	-	-	-	-	166.0	1650	-	-	-	-	172.9
40	36	11	10	2.3	41.7	580	199	124	73	140.4	148.2	1120	-	-	-	-	143.6	1660	-	-	-	-	190.3
50	36	10	9	3.2	41.7	590	199	124	73	140.4	132.5	1130	-	-	-	-	137.6	1670	-	-	-	-	212.3
60	36	10	9	3.7	48.1	600	199	124	73	140.4	129.7	1140	199	124	73	140.4	135.7	1680	217	140	78	172.4	187.5
70	36	11	9	4.5	64.6	610	199	124	73	140.4	134.9	1150	-	-	-	-	134.8	1690	-	-	-	-	190.9
80	38	11	11	5.6	64.6	620	199	124	72	140.4	137.5	1160	-	-	-	-	141.5	1700	-	-	-	-	163.5
90	41	11	15	7.6	98.6	630	199	124	72	140.4	128.4	1170	-	-	-	-	130.4	1710	-	-	-	-	164.5
100	43	14	20	9.4	100.0	640	199	124	72	140.4	147.7	1180	-	-	-	-	139.3	1720	-	-	-	-	145.9
110	46	16	25	11.4	108.6	650	199	124	71	140.4	156.9	1190	-	-	-	-	133.1	1730	-	-	-	-	150.3
120	51	19	29	14.0	108.0	660	199	124	72	140.4	133.2	1200	199	124	73	140.4	120.1	1740	215	139	77	169.1	158.6
130	56	21	34	17.5	110.5	670	199	124	72	140.4	137.5	1210	-	-	-	-	116.7	1750	-	-	-	-	160.9
140	63	23	41	22.0	159.9	680	199	124	72	140.4	132.2	1220	-	-	-	-	132.0	1760	-	-	-	-	130.1
150	71	27	44	26.1	136.6	690	199	124	72	140.4	150.4	1230	-	-	-	-	137.5	1770	-	-	-	-	106.2
160	81	30	48	31.7	114.0	700	199	124	72	140.4	137.5	1240	-	-	-	-	137.5	1780	-	-	-	-	106.8
170	90	36	52	37.3	148.0	710	199	124	72	140.4	142.5	1250	-	-	-	-	150.7	1790	-	-	-	-	125.0
180	100	39	55	43.9	130.0	720	199	124	73	140.4	146.0	1260	199	124	74	141.2	143.3	1800	211	131	74	159.9	116.7
190	110	44	57	49.8	141.0	730	-	-	-	-	135.8	1270	-	-	-	-	163.9	1810	-	-	-	-	115.8
200	120	50	59	57.4	143.1	740	-	-	-	-	134.0	1280	-	-	-	-	175.4	1820	-	-	-	-	121.4
210	130	55	61	65.3	145.9	750	-	-	-	-	140.0	1290	-	-	-	-	162.2	1830	-	-	-	-	124.5
220	137	60	62	71.9	125.0	760	-	-	-	-	148.0	1300	-	-	-	-	143.8	1840	-	-	-	-	125.5
230	147	66	64	81.4	110.0	770	-	-	-	-	140.7	1310	-	-	-	-	154.6	1850	-	-	-	-	118.2
240	155	71	65	89.3	125.0	780	199	124	73	140.4	145.4	1320	204	131	76	150.9	164.7	1860	206	128	74	150.6	123.6
250	163	78	66	97.9	130.5	790	-	-	-	-	148.6	1330	-	-	-	-	195.2	1870	-	-	-	-	133.6
260	170	85	67	105.4	132.7	800	-	-	-	-	148.9	1340	-	-	-	-	188.6	1880	-	-	-	-	139.6
270	177	92	69	114.9	143.8	810	-	-	-	-	144.5	1350	-	-	-	-	152.2	1890	-	-	-	-	149.5
280	181	96	69	118.2	142.3	820	-	-	-	-	145.1	1360	-	-	-	-	150.0	1900	-	-	-	-	122.2
290	185	103	69	123.1	135.5	830	-	-	-	-	145.9	1370	-	-	-	-	155.3	1910	-	-	-	-	119.7
300	188	107	70	127.2	127.4	840	199	124	73	140.4	149.0	1380	209	138	79	159.7	143.8	1920	201	125	73	143.0	125.7
310	190	110	71	129.5	138.8	850	-	-	-	-	150.4	1390	-	-	-	-	127.2	1930	-	-	-	-	127.0
320	193	114	71	133.7	131.7	860	-	-	-	-	153.6	1400	-	-	-	-	150.2	1940	-	-	-	-	126.7
330	194	115	71	133.5	148.8	870	-	-	-	-	159.1	1410	-	-	-	-	179.8	1950	-	-	-	-	141.4
340	194	117	71	133.9	174.4	880	-	-	-	-	141.3	1420	-	-	-	-	185.3	1960	-	-	-	-	137.3
350	196	118	72	136.1	130.7	890	-	-	-	-	129.0	1430	-	-	-	-	161.6	1970	-	-	-	-	123.0
360	196	121	72	136.9	123.9	900	199	124	76	140.4	136.0	1440	212	139	78	164.1	199.8	1980	199	124	73	140.1	128.5
370	197	121	72	137.6	123.9	910	-	-	-	-	139.4	1450	-	-	-	-	196.5	1990	-	-	-	-	133.7
380	199	121	72	140.6	123.2	920	-	-	-	-	176.6	1460	-	-	-	-	187.4	2000	-	-	-	-	124.8
390	199	123	72	141.4	134.0	930	-	-	-	-	120.9	1470	-	-	-	-	174.5	2010	-	-	-	-	114.0
400	199	123	72	141.2	149.6	940	-	-	-	-	123.5	1480	-	-	-	-	179.9	2020	-	-	-	-	120.9
410	199	123	72	140.6	131.3	950	-	-	-	-	141.1	1490	-	-	-	-	209.8	2030	-	-	-	-	134.2
420	199	123	72	140.4	148.9	960	199	124	73	140.4	138.0	1500	214	139	78	168.6	169.7	2040	199	123	73	140.4	123.9
430	199	123	72	140.4	134.0	970	-	-	-	-	138.9	1510	-	-	-	-	158.6	2050	-	-	-	-	141.0
440	199	124	72	140.4	133.7	980	-	-	-	-	133.1	1520	-	-	-	-	145.3	2060	-	-	-	-	118.4
450	199	124	72	140.4	144.5	990	-	-	-	-	130.0	1530	-	-	-	-	160.7	2070	-	-	-	-	108.6
460	199	124	72	140.4	131.2	1000	-	-	-	-	124.2	1540	-	-	-	-	158.5	2080	-	-	-	-	119.7
470	199	124	72	140.4	127.9	1010	-	-	-	-	133.5	1550	-	-	-	-	163.1	2090	-	-	-	-	113.3
480	199	124	72	140.4	137.3	1020	199	124	73	140.4	148.1	1560	215	140	78	170.8	156.1	2100	199	123	73	140.4	121.5
490	199	124	72	140.4	137.3	1030	-	-	-	-	143.0	1570	-	-	-	-	185.9	2110	-	-	-	-	140.5
500	199	124	72	140.4	142.5	1040	-	-	-	-	126.1	1580	-	-	-	-	156.2	2120	-	-	-	-	148.9
510	199	124	72	140.4	150.0	1050	-	-	-	-	125.2	1590	-	-	-	-	151.6	2130	-	-	-	-	147.4
520	199	124	72	140.4	139.1	1060	-	-	-	-	121.9	1600	-	-	-	-	161.6	2140	-	-	-	-	137.4
530	199	124	72	140.4	156.4	1070	-	-	-	-	116.2	1610	-	-	-	-	169.9	2150	-	-	-	-	116.5

資料 3.52　流出量・降雨量および水路水位

DISCHARGE & R.I. 8 -1 -3, 521205, 3=150=200 AREA=628.M**2 QMAX=140.3MM/H 8 -1 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	199	124	73	140.4	131.1																		
2170	-	-	-	-	144.4																		
2180	-	-	-	-	146.0																		
2190	-	-	-	-	134.2																		
2200	-	-	-	-	126.1																		
2210	-	-	-	-	138.9																		
2220	199	122	72	138.5	125.3																		
2230	-	-	-	-	51.2																		
2240	-	-	-	-	32.6																		
2250	-	-	-	-	32.6																		
2260	-	-	-	-	28.2																		
2270	-	-	-	-	23.7																		
2280	187	110	66	115.4	23.7																		
2290	-	-	-	-	23.7																		
2300	-	-	-	-	23.7																		
2310	-	-	-	-	23.7																		
2320	-	-	-	-	23.7																		
2330	-	-	-	-	23.4																		
2340	172	89	61	91.6	20.9																		
2350	-	-	-	-	19.6																		
2360	-	-	-	-	19.7																		
2370	-	-	-	-	19.7																		
2380	-	-	-	-	19.7																		
2390	-	-	-	-	19.7																		
2400	150	71	57	62.6	19.7																		
2410	-	-	-	-	19.7																		
2420	-	-	-	-	12.8																		
2430	-	-	-	-	12.8																		
2440	-	-	-	-	12.8																		
2450	-	-	-	-	12.8																		
2460	131	60	54	44.6	12.8																		
2470	-	-	-	-	12.8																		
2480	-	-	-	-	14.7																		
2490	-	-	-	-	6.7																		
2500	-	-	-	-	6.7																		
2510	-	-	-	-	6.7																		
2520	119	51	35	35.5	6.7																		
2530	-	-	-	-	6.7																		
2540	-	-	-	-	6.7																		
2550	-	-	-	-	6.7																		
2580	108	47	45	28.1	0.																		
2640	102	43	40	24.5	0.																		
2700	95	37	32	20.1	0.																		
2760	87	32	28	15.3	0.																		
2820	80	29	24	12.5	0.																		
2880	73	25	21	10.2	0.																		
2940	71	23	19	9.4	0.																		
3000	64	21	18	6.9	0.																		
3060	60	21	17	6.0	0.																		
3120	56	19	16	5.2	0.																		
3180	54	18	15	4.9	0.																		
3240	51	17	14	4.2	0.																		
3300	50	17	14	4.6	0.																		

資料 3.53　流出量・降雨量および水路水位

DISCHARGE & R.I.　8 -2 -3,　521205,　1=100　0 AREA=628.M**2　QMAX=100.8MM/H　　8 -2 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	41	13	12	2.8	23.7
10	41	13	12	2.6	23.7
20	40	12	12	2.6	23.7
30	40	12	12	2.4	23.7
40	40	12	12	2.4	23.7
50	40	12	12	2.4	23.7
60	40	11	12	2.4	23.7
70	40	11	12	2.2	23.7
80	39	11	11	2.0	26.2
90	39	11	11	2.1	36.0
100	39	11	11	2.0	36.0
110	38	11	11	2.3	46.5
120	38	12	11	2.6	52.3
130	38	13	12	2.9	76.6
140	39	14	15	3.3	89.3
150	40	14	18	3.7	99.3
160	40	17	22	4.7	93.4
170	41	19	26	5.1	86.4
180	42	21	30	6.4	86.4
190	45	23	33	8.0	117.3
200	46	25	37	9.7	91.0
210	51	29	40	11.8	79.3
220	55	31	42	13.6	82.0
230	60	35	45	16.2	78.3
240	65	37	47	17.8	91.4
250	70	39	50	20.8	109.0
260	76	42	53	23.4	98.3
270	81	46	55	25.9	79.4
280	88	49	56	29.6	79.4
290	94	53	57	33.4	84.7
300	100	57	58	37.6	90.0
310	106	60	59	41.0	92.6
320	113	64	61	45.2	96.6
330	120	68	61	50.4	97.6
340	126	71	62	55.2	101.6
350	131	75	62	58.9	91.5
360	136	78	63	63.5	94.9
370	141	82	63	67.9	99.7
380	145	85	64	71.2	100.3
390	150	86	64	76.1	89.4
400	154	89	64	80.0	87.3
410	156	90	65	81.9	92.1
420	159	92	65	85.1	95.9
430	162	92	65	87.2	108.3
440	164	94	65	90.4	121.7
450	166	96	65	91.4	110.3
460	166	96	65	91.6	90.9
470	168	96	66	93.5	89.5
480	169	97	66	94.0	100.3
490	170	98	66	95.4	101.3
500	170	98	66	95.1	102.4
510	171	98	66	96.3	108.7
520	171	100	66	96.7	115.3
530	172	100	66	98.2	111.9
540	172	100	66	98.1	108.6
550	172	100	66	98.1	109.1
560	173	100	66	98.5	97.1
570	173	100	66	99.2	97.3
580	174	100	66	99.8	121.8
590	174	100	66	99.7	105.1
600	174	100	66	99.6	101.0
610	-	-	-	-	107.6
620	-	-	-	-	102.0
630	-	-	-	-	94.3
640	-	-	-	-	102.4
650	-	-	-	-	108.3
660	174	100	66	100.2	99.6
670	-	-	-	-	97.6
680	-	-	-	-	100.0
690	-	-	-	-	90.0
700	-	-	-	-	90.0
710	-	-	-	-	96.7
720	174	100	66	100.2	101.1
730	-	-	-	-	118.6
740	-	-	-	-	102.6
750	-	-	-	-	107.5
760	-	-	-	-	100.8
770	-	-	-	-	101.7
780	175	101	66	100.9	108.6
790	-	-	-	-	97.1
800	-	-	-	-	89.7
810	-	-	-	-	99.5
820	-	-	-	-	109.3
830	-	-	-	-	103.7
840	175	103	66	100.8	104.3
850	-	-	-	-	115.3
860	-	-	-	-	89.3
870	-	-	-	-	85.1
880	-	-	-	-	94.1
890	-	-	-	-	107.0
900	175	101	66	100.8	97.6
910	-	-	-	-	101.8
920	-	-	-	-	112.6
930	-	-	-	-	104.1
940	-	-	-	-	100.9
950	-	-	-	-	106.9
960	175	101	66	100.8	110.1
970	-	-	-	-	99.7
980	-	-	-	-	96.5
990	-	-	-	-	103.7
1000	-	-	-	-	100.3
1010	-	-	-	-	94.3
1020	175	100	66	100.8	100.5
1030	-	-	-	-	109.0
1040	-	-	-	-	109.6
1050	-	-	-	-	99.3
1060	-	-	-	-	70.4
1070	-	-	-	-	73.8
1080	175	100	66	100.5	67.7
1090	-	-	-	-	31.1
1100	-	-	-	-	18.7
1110	-	-	-	-	18.7
1120	-	-	-	-	18.7
1130	-	-	-	-	18.7
1140	172	96	63	94.8	18.7
1150	-	-	-	-	18.7
1160	-	-	-	-	18.7
1170	-	-	-	-	18.1
1180	-	-	-	-	17.5
1190	-	-	-	-	17.5
1200	158	80	59	74.0	17.5
1210	-	-	-	-	36.3
1220	-	-	-	-	36.3
1230	-	-	-	-	28.1
1240	-	-	-	-	19.8
1250	-	-	-	-	19.8
1260	140	66	56	53.0	19.8
1270	-	-	-	-	19.8
1280	-	-	-	-	22.8
1290	-	-	-	-	23.5
1300	-	-	-	-	14.3
1310	-	-	-	-	6.8
1320	125	56	52	39.8	6.8
1330	-	-	-	-	6.8
1340	-	-	-	-	6.8
1350	-	-	-	-	6.8
1380	113	48	48	30.8	0.
1440	104	43	41	25.5	0.
1500	96	38	33	20.8	0.
1560	89	34	28	16.9	0.
1620	82	31	25	13.1	0.
1680	76	28	22	11.0	0.
1740	71	25	20	9.4	0.
1800	67	23	18	9.0	0.
1860	69	22	17	9.1	0.
1920	61	21	16	5.7	0.
1980	58	20	15	5.7	0.
2040	55	19	15	5.9	0.

資料 3.54　流出量・降雨量および水路水位

DISCHARGE & R.I.　8 -3 -3,　521205,　3 -50 -80 AREA=628.M**2　QMAX= 53.2MM/H　　8 -3 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	9	4	0.8	15.6	540	115	58	62	39.6	50.1	1080	135	67	63	53.2	55.1	1620	140	75	66	60.2	76.0
10	24	9	4	0.8	15.6	550	118	59	62	41.0	50.1	1090	-	-	-	-	54.1	1630	-	-	-	-	74.1
20	24	9	4	0.8	15.6	560	120	60	62	42.9	50.1	1100	-	-	-	-	53.5	1640	-	-	-	-	73.9
30	24	9	4	0.8	15.6	570	121	61	62	43.7	52.2	1110	-	-	-	-	53.8	1650	-	-	-	-	79.0
40	24	9	4	0.8	15.6	580	122	62	64	43.7	52.2	1120	-	-	-	-	54.1	1660	-	-	-	-	79.0
50	24	9	4	0.8	15.6	590	124	62	64	45.1	51.0	1130	-	-	-	-	55.6	1670	-	-	-	-	79.9
60	24	9	4	0.8	15.6	600	125	63	63	46.2	52.2	1140	135	68	63	53.2	58.5	1680	148	80	68	69.5	82.8
70	24	9	4	0.8	15.6	610	126	64	63	47.2	53.6	1150	-	-	-	-	58.5	1690	-	-	-	-	92.8
80	24	9	4	0.6	15.6	620	127	64	63	47.0	53.6	1160	-	-	-	-	58.5	1700	-	-	-	-	98.6
90	24	9	4	0.6	15.6	630	128	64	63	48.2	53.6	1170	-	-	-	-	51.4	1710	-	-	-	-	75.7
100	24	9	4	0.6	15.6	640	129	64	63	49.1	53.6	1180	-	-	-	-	51.2	1720	-	-	-	-	74.3
110	23	9	4	0.6	15.6	650	130	65	63	49.4	53.6	1190	-	-	-	-	50.2	1730	-	-	-	-	70.5
120	23	10	5	0.6	15.6	660	130	65	63	49.5	52.5	1200	135	68	63	53.2	50.2	1740	155	85	69	76.1	72.2
130	23	10	5	0.6	15.6	670	131	65	63	50.1	51.5	1210	-	-	-	-	52.9	1750	-	-	-	-	69.2
140	23	10	5	0.7	15.6	680	131	65	63	50.1	51.5	1220	-	-	-	-	50.6	1760	-	-	-	-	72.1
150	23	10	6	0.9	36.7	690	132	66	63	50.5	51.3	1230	-	-	-	-	50.6	1770	-	-	-	-	81.0
160	23	10	7	1.0	36.7	700	132	66	63	50.3	49.6	1240	-	-	-	-	49.7	1780	-	-	-	-	91.4
170	23	10	7	1.2	36.7	710	132	66	63	50.9	49.6	1250	-	-	-	-	48.7	1790	-	-	-	-	88.2
180	24	10	9	1.4	46.8	720	132	67	63	50.8	49.6	1260	135	67	63	53.2	50.2	1800	157	86	69	78.5	83.6
190	24	11	10	1.4	48.3	730	-	-	-	-	51.1	1270	-	-	-	-	50.2	1810	-	-	-	-	93.5
200	25	11	11	1.6	54.3	740	-	-	-	-	49.0	1280	-	-	-	-	52.5	1820	-	-	-	-	105.3
210	25	11	12	1.6	54.3	750	-	-	-	-	48.7	1290	-	-	-	-	55.2	1830	-	-	-	-	105.3
220	25	12	14	1.8	54.0	760	-	-	-	-	48.7	1300	-	-	-	-	55.3	1840	-	-	-	-	75.7
230	26	13	16	2.0	53.0	770	-	-	-	-	48.7	1310	-	-	-	-	55.2	1850	-	-	-	-	74.8
240	26	14	17	2.2	53.0	780	134	68	63	52.7	51.6	1320	135	67	63	53.2	54.7	1860	160	89	69	81.2	74.5
250	27	14	19	2.9	53.0	790	-	-	-	-	48.7	1330	-	-	-	-	55.6	1870	-	-	-	-	76.5
260	28	16	21	0.1	53.0	800	-	-	-	-	48.7	1340	-	-	-	-	55.6	1880	-	-	-	-	72.5
270	29	16	23	3.7	53.0	810	-	-	-	-	46.8	1350	-	-	-	-	61.6	1890	-	-	-	-	77.5
280	31	18	25	4.5	53.0	820	-	-	-	-	46.6	1360	-	-	-	-	60.6	1900	-	-	-	-	88.2
290	22	20	27	3.9	55.0	830	-	-	-	-	48.3	1370	-	-	-	-	52.9	1910	-	-	-	-	84.0
300	34	21	30	5.8	54.8	840	135	68	63	53.3	48.3	1380	135	67	63	53.2	45.5	1920	160	89	69	80.8	81.0
310	37	23	33	6.5	54.8	850	-	-	-	-	47.4	1390	-	-	-	-	47.0	1930	-	-	-	-	72.0
320	38	25	35	11.0	51.9	860	-	-	-	-	49.0	1400	-	-	-	-	47.0	1940	-	-	-	-	72.0
330	42	26	37	9.0	51.9	870	-	-	-	-	49.0	1410	-	-	-	-	46.8	1950	-	-	-	-	82.3
340	45	29	40	10.1	51.9	880	-	-	-	-	48.3	1420	-	-	-	-	48.3	1960	-	-	-	-	86.7
350	50	31	41	12.2	51.9	890	-	-	-	-	45.9	1430	-	-	-	-	50.9	1970	-	-	-	-	77.7
360	53	32	43	13.4	54.3	900	135	67	63	53.2	47.9	1440	135	67	63	53.2	50.9	1980	160	88	69	80.7	74.7
370	58	35	45	15.0	54.3	910	-	-	-	-	49.7	1450	-	-	-	-	50.4	1990	-	-	-	-	82.7
380	63	36	47	16.4	54.3	920	-	-	-	-	49.9	1460	-	-	-	-	54.3	2000	-	-	-	-	94.0
390	68	37	48	18.1	54.4	930	-	-	-	-	52.8	1470	-	-	-	-	54.3	2010	-	-	-	-	71.1
400	72	38	49	19.2	54.4	940	-	-	-	-	54.7	1480	-	-	-	-	55.7	2020	-	-	-	-	61.1
410	77	39	50	20.4	54.4	950	-	-	-	-	54.7	1490	-	-	-	-	54.3	2030	-	-	-	-	61.1
420	81	41	52	22.2	57.0	960	135	67	63	53.2	56.1	1500	135	67	63	53.2	54.3	2040	159	86	70	79.6	62.6
430	85	43	55	23.7	58.1	970	-	-	-	-	56.6	1510	-	-	-	-	54.3	2050	-	-	-	-	54.3
440	87	43	56	24.0	58.1	980	-	-	-	-	56.6	1520	-	-	-	-	57.1	2060	-	-	-	-	54.3
450	91	46	58	26.4	50.3	990	-	-	-	-	46.0	1530	-	-	-	-	60.0	2070	-	-	-	-	52.9
460	94	47	58	27.6	47.1	1000	-	-	-	-	48.5	1540	-	-	-	-	62.0	2080	-	-	-	-	51.2
470	96	49	59	28.8	47.1	1010	-	-	-	-	51.0	1550	-	-	-	-	65.8	2090	-	-	-	-	51.0
480	100	51	59	31.0	47.1	1020	135	67	63	53.2	51.0	1560	135	68	64	53.9	73.1	2100	156	82	67	74.5	51.0
490	103	52	60	32.3	50.0	1030	-	-	-	-	52.9	1570	-	-	-	-	69.1	2110	-	-	-	-	53.8
500	105	53	61	34.2	53.0	1040	-	-	-	-	55.1	1580	-	-	-	-	68.0	2120	-	-	-	-	52.5
510	109	55	61	36.1	53.0	1050	-	-	-	-	55.1	1590	-	-	-	-	68.0	2130	-	-	-	-	52.5
520	111	56	61	37.5	53.4	1060	-	-	-	-	55.1	1600	-	-	-	-	75.0	2140	-	-	-	-	47.5
530	114	57	61	39.7	50.1	1070	-	-	-	-	55.1	1610	-	-	-	-	78.0	2150	-	-	-	-	47.8

資料 3.55　流出量・降雨量および水路水位

DISCHARGE & R.I.,　8 -3 -3,　521205,　3 -50 -80 AREA=628.M**2　QMAX= 53.2MM/H　　8 -3 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	150	77	65	67.1	51.0	2700	136	68	64	54.3	56.5	3240	184	110	75	113.4	93.4	3780	135	68	64	53.1	53.5
2170	-	-	-	-	51.0	2710	-	-	-	-	54.1	3250	-	-	-	-	77.6	3790	-	-	-	-	62.4
2180	-	-	-	-	56.0	2720	-	-	-	-	56.3	3260	-	-	-	-	67.3	3800	-	-	-	-	62.4
2190	-	-	-	-	50.6	2730	-	-	-	-	56.8	3270	-	-	-	-	55.6	3810	-	-	-	-	59.2
2200	-	-	-	-	50.4	2740	-	-	-	-	69.1	3280	-	-	-	-	55.6	3820	-	-	-	-	56.3
2210	-	-	-	-	43.7	2750	-	-	-	-	89.0	3290	-	-	-	-	55.6	3830	-	-	-	-	56.3
2220	144	72	64	60.9	43.7	2760	137	70	64	56.6	84.0	3300	174	95	74	95.8	55.6	3840	135	67	64	53.9	54.2
2230	-	-	-	-	45.9	2770	-	-	-	-	87.0	3310	-	-	-	-	55.6	3850	-	-	-	-	54.7
2240	-	-	-	-	45.9	2780	-	-	-	-	90.0	3320	-	-	-	-	54.3	3860	-	-	-	-	57.2
2250	-	-	-	-	47.8	2790	-	-	-	-	100.0	3330	-	-	-	-	54.3	3870	-	-	-	-	56.5
2260	-	-	-	-	49.7	2800	-	-	-	-	126.2	3340	-	-	-	-	54.3	3880	-	-	-	-	52.8
2270	-	-	-	-	51.4	2810	-	-	-	-	118.6	3350	-	-	-	-	54.3	3890	-	-	-	-	50.9
2280	140	71	64	57.9	51.4	2820	149	82	55	72.2	120.3	3360	161	85	69	78.5	53.0	3900	139	67	64	57.5	50.9
2290	-	-	-	-	51.4	2830	-	-	-	-	102.3	3370	-	-	-	-	53.0	3910	-	-	-	-	51.9
2300	-	-	-	-	54.3	2840	-	-	-	-	87.3	3380	-	-	-	-	55.0	3920	-	-	-	-	46.5
2310	-	-	-	-	54.3	2850	-	-	-	-	107.4	3390	-	-	-	-	53.9	3930	-	-	-	-	44.9
2320	-	-	-	-	55.7	2860	-	-	-	-	131.2	3400	-	-	-	-	53.8	3940	-	-	-	-	12.7
2330	-	-	-	-	52.1	2870	-	-	-	-	146.9	3410	-	-	-	-	53.8	3950	-	-	-	-	12.7
2340	139	70	64	56.7	52.4	2880	165	95	57	91.2	137.6	3420	151	78	67	67.6	53.8	3960	134	66	63	51.1	12.7
2350	-	-	-	-	51.0	2890	-	-	-	-	108.6	3430	-	-	-	-	53.8	3970	-	-	-	-	12.7
2360	-	-	-	-	49.5	2900	-	-	-	-	104.6	3440	-	-	-	-	56.6	3980	-	-	-	-	12.7
2370	-	-	-	-	51.7	2910	-	-	-	-	116.1	3450	-	-	-	-	56.1	3990	-	-	-	-	10.5
2380	-	-	-	-	51.7	2920	-	-	-	-	105.0	3460	-	-	-	-	55.9	4000	-	-	-	-	8.3
2390	-	-	-	-	54.5	2930	-	-	-	-	104.0	3470	-	-	-	-	51.7	4010	-	-	-	-	8.3
2400	137	68	64	55.1	56.0	2940	175	103	58	103.2	104.0	3480	145	73	66	61.8	51.7	4020	133	64	63	49.6	8.3
2410	-	-	-	-	58.2	2950	-	-	-	-	113.3	3490	-	-	-	-	50.1	4030	-	-	-	-	8.3
2420	-	-	-	-	55.3	2960	-	-	-	-	108.7	3500	-	-	-	-	50.7	4040	-	-	-	-	8.3
2430	-	-	-	-	55.3	2970	-	-	-	-	100.3	3510	-	-	-	-	53.0	4050	-	-	-	-	8.3
2440	-	-	-	-	55.3	2980	-	-	-	-	92.6	3520	-	-	-	-	52.5	4060	-	-	-	-	8.3
2450	-	-	-	-	55.3	2990	-	-	-	-	90.0	3530	-	-	-	-	51.9	4070	-	-	-	-	8.3
2460	136	68	64	53.3	52.8	3000	180	107	59	109.9	100.7	3540	140	71	65	57.7	50.3	4080	127	57	62	42.6	8.3
2470	-	-	-	-	49.2	3010	-	-	-	-	119.8	3550	-	-	-	-	50.3	4090	-	-	-	-	8.3
2480	-	-	-	-	48.1	3020	-	-	-	-	121.9	3560	-	-	-	-	50.3	4100	-	-	-	-	8.3
2490	-	-	-	-	48.1	3030	-	-	-	-	123.5	3570	-	-	-	-	50.3	4110	-	-	-	-	8.3
2500	-	-	-	-	49.7	3040	-	-	-	-	105.0	3580	-	-	-	-	50.3	4120	-	-	-	-	8.3
2510	-	-	-	-	51.3	3050	-	-	-	-	97.6	3590	-	-	-	-	50.3	4130	-	-	-	-	8.3
2520	135	68	63	53.1	50.9	3060	182	108	59	111.7	109.3	3600	139	70	64	56.7	50.3	4140	115	51	59	33.0	8.3
2530	-	-	-	-	50.8	3070	-	-	-	-	131.1	3610	-	-	-	-	48.1	4150	-	-	-	-	28.4
2540	-	-	-	-	52.2	3080	-	-	-	-	148.0	3620	-	-	-	-	48.1	4160	-	-	-	-	28.4
2550	-	-	-	-	52.2	3090	-	-	-	-	134.9	3630	-	-	-	-	48.1	4170	-	-	-	-	4.4
2560	-	-	-	-	51.2	3100	-	-	-	-	123.1	3640	-	-	-	-	48.1	4180	-	-	-	-	4.4
2570	-	-	-	-	51.0	3110	-	-	-	-	120.0	3650	-	-	-	-	53.1	4190	-	-	-	-	4.4
2580	135	68	63	53.2	51.0	3120	184	109	60	114.5	120.0	3660	137	69	64	55.1	53.1	4200	108	46	56	28.5	4.4
2590	-	-	-	-	50.8	3130	-	-	-	-	128.0	3670	-	-	-	-	53.4	4260	100	43	48	23.4	0.
2600	-	-	-	-	52.3	3140	-	-	-	-	123.0	3680	-	-	-	-	48.6	4320	95	39	43	20.6	0.
2610	-	-	-	-	52.9	3150	-	-	-	-	114.0	3690	-	-	-	-	48.6	4380	90	36	37	17.7	0.
2620	-	-	-	-	53.5	3160	-	-	-	-	125.0	3700	-	-	-	-	51.4	4440	84	32	32	14.4	0.
2630	-	-	-	-	53.7	3170	-	-	-	-	125.0	3710	-	-	-	-	51.4	4500	78	29	29	12.1	0.
2640	136	68	64	53.8	52.1	3180	184	107	77	114.3	100.0	3720	136	68	64	53.3	56.4	4560	73	27	26	10.4	0.
2650	-	-	-	-	52.1	3190	-	-	-	-	102.6	3730	-	-	-	-	59.5	4620	70	24	23	9.2	0.
2660	-	-	-	-	52.1	3200	-	-	-	-	105.3	3740	-	-	-	-	60.0	4680	66	23	22	7.8	0.
2670	-	-	-	-	54.3	3210	-	-	-	-	109.0	3750	-	-	-	-	55.4	4740	62	21	20	6.9	0.
2680	-	-	-	-	56.5	3220	-	-	-	-	120.7	3760	-	-	-	-	52.2	4800	60	20	18	6.4	0.
2690	-	-	-	-	56.7	3230	-	-	-	-	105.3	3770	-	-	-	-	52.2	4860	57	20	17	5.7	0.

資料 3.56　流出量・降雨量および水路水位

DISCHARGE & R.I., 8 -3 -3, 521205, 3 -50 -80 AREA=628.M**2 QMAX= 53.2MM/H 8 -3 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
4920	55	19	16	5.1	0.																		
4980	53	18	15	4.8	0.																		
5040	51	18	15	4.1	0.																		
5100	49	18	14	4.0	0.																		
5160	48	17	13	4.2	0.																		

資料 3.57　流出量・降雨量および水路水位

DISCHARGE & R.I.　8 -4 -3,　521205,　1 -20　0 AREA=628.M**2　QMAX= 21.1MM/H　　8 -4 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	40	13	9	2.7	19.9	540	70	30	37	12.2	24.5	1080	91	39	46	20.5	27.2	1980	65	24	21	7.6	0.
10	40	13	9	2.7	19.9	550	71	30	37	12.4	27.3	1090	-	-	-	-	27.3	2040	62	22	20	7.3	0.
20	40	13	9	2.7	19.9	560	72	30	38	12.9	28.5	1100	-	-	-	-	25.9	2100	61	21	19	6.7	0.
30	40	13	9	2.7	19.9	570	73	31	39	13.3	28.5	1110	-	-	-	-	25.9	2160	58	20	18	5.8	0.
40	40	13	9	2.7	19.9	580	74	31	40	13.7	28.5	1120	-	-	-	-	22.7	2220	56	19	17	5.4	0.
50	40	13	9	2.7	19.9	590	75	32	40	14.0	28.5	1130	-	-	-	-	22.7	2280	54	18	16	4.9	0.
60	40	13	9	2.7	19.9	600	76	32	40	14.4	25.3	1140	92	39	47	21.0	22.7	2340	52	18	15	4.6	0.
70	40	13	9	2.7	19.9	610	77	32	41	14.6	23.6	1150	-	-	-	-	22.7	2400	51	17	14	4.4	0.
80	40	13	9	2.7	19.9	620	77	33	41	14.7	24.5	1160	-	-	-	-	22.7	2460	49	17	14	4.5	0.
90	40	13	9	2.5	19.9	630	78	33	42	15.1	25.4	1170	-	-	-	-	22.9						
100	40	13	10	2.5	28.2	640	79	34	43	15.5	25.4	1180	-	-	-	-	23.1						
110	40	21	10	2.5	28.2	650	79	35	43	15.7	25.4	1190	-	-	-	-	23.1						
120	39	14	11	2.4	29.9	660	80	35	43	16.0	25.4	1200	93	39	46	21.2	23.1						
130	39	14	12	2.6	31.6	670	82	35	43	16.8	26.0	1210	-	-	-	-	23.1						
140	39	14	12	2.6	29.9	680	82	36	43	17.0	26.5	1220	-	-	-	-	24.7						
150	39	14	12	2.7	29.9	690	83	36	43	17.1	26.5	1230	-	-	-	-	24.1						
160	40	14	13	2.8	31.3	700	84	36	44	17.1	26.9	1240	-	-	-	-	23.9						
170	40	14	14	3.0	31.3	710	84	36	43	17.4	28.9	1250	-	-	-	-	23.2						
180	40	14	15	3.0	29.2	720	85	36	44	17.6	28.9	1260	93	39	46	21.1	23.2						
190	40	14	15	2.8	27.0	730	-	-	-	-	29.8	1270	-	-	-	-	23.2						
200	40	15	16	3.1	26.8	740	-	-	-	-	29.8	1280	-	-	-	-	23.2						
210	40	15	17	3.1	26.8	750	-	-	-	-	29.8	1290	-	-	-	-	21.1						
220	40	15	18	3.2	26.8	760	-	-	-	-	29.8	1300	-	-	-	-	20.6						
230	41	16	18	3.3	26.8	770	-	-	-	-	30.1	1310	-	-	-	-	20.6						
240	41	16	19	3.7	26.8	780	87	37	44	18.6	30.1	1320	93	39	47	21.1	20.6						
250	41	17	20	4.0	26.8	790	-	-	-	-	30.1	1330	-	-	-	-	21.3						
260	42	18	20	4.2	26.7	800	-	-	-	-	31.5	1340	-	-	-	-	21.3						
270	43	18	20	4.8	26.4	810	-	-	-	-	32.9	1350	-	-	-	-	21.3						
280	44	18	21	4.9	26.9	820	-	-	-	-	32.9	1360	-	-	-	-	21.3						
290	45	19	22	5.1	28.8	830	-	-	-	-	31.5	1370	-	-	-	-	21.3						
300	46	20	22	5.3	28.8	840	89	38	44	19.4	31.7	1380	93	40	47	21.1	22.0						
310	46	20	23	5.5	29.6	850	-	-	-	-	30.4	1390	-	-	-	-	24.8						
320	47	20	23	5.5	30.5	860	-	-	-	-	29.2	1400	-	-	-	-	27.4						
330	48	21	24	5.8	30.5	870	-	-	-	-	29.2	1410	-	-	-	-	27.8						
340	49	21	24	6.1	30.1	880	-	-	-	-	29.2	1420	-	-	-	-	27.8						
350	50	21	25	6.6	29.7	890	-	-	-	-	29.2	1430	-	-	-	-	27.8						
360	51	22	26	6.8	29.7	900	90	39	46	19.7	28.9	1440	93	40	47	21.1	27.8						
370	52	22	27	6.9	28.8	910	-	-	-	-	28.9	1450	-	-	-	-	25.7						
380	53	23	27	7.4	28.8	920	-	-	-	-	29.0	1460	-	-	-	-	23.6						
390	55	23	28	7.6	28.0	930	-	-	-	-	29.0	1470	-	-	-	-	24.0						
400	55	23	28	7.9	28.0	940	-	-	-	-	28.5	1480	-	-	-	-	24.1						
410	56	24	29	8.1	28.0	950	-	-	-	-	26.3	1490	-	-	-	-	24.1						
420	57	25	30	8.1	28.0	960	90	39	46	19.9	26.3	1500	93	40	47	21.1	24.1						
430	58	25	30	8.7	30.1	970	-	-	-	-	27.4	1510	-	-	-	-	24.1						
440	60	25	31	9.1	30.1	980	-	-	-	-	26.1	1520	-	-	-	-	15.2						
450	61	25	32	9.6	30.1	990	-	-	-	-	26.1	1530	-	-	-	-	5.7						
460	62	26	32	9.7	30.1	1000	-	-	-	-	26.1	1540	-	-	-	-	5.7						
470	63	26	33	9.9	30.1	1010	-	-	-	-	26.1	1560	93	39	46	20.9	0.						
480	64	27	33	10.2	26.4	1020	91	39	46	20.2	26.1	1620	91	42	42	19.5	0.						
490	65	28	34	10.6	26.4	1030	-	-	-	-	26.1	1680	88	35	35	17.0	0.						
500	66	28	35	10.8	26.4	1040	-	-	-	-	26.0	1740	83	31	31	14.1	0.						
510	67	29	35	11.2	25.0	1050	-	-	-	-	26.6	1800	77	29	27	11.9	0.						
520	68	29	36	11.7	24.5	1060	-	-	-	-	27.2	1860	73	27	24	10.5	0.						
530	69	29	37	11.9	24.5	1070	-	-	-	-	27.2	1920	69	24	23	8.9	0.						

資料 3.58　流出量・降雨量および水路水位

DISCHARGE & R.I., 8 -5 -3, 521205, 1-100 0 AREA=628.M**2 QMAX= 0. MM/H 8 -5 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	38	12	9	2.3	40.8	540	155	78	104	74.7	89.3	1080	-	-	-	-	7.6						
10	38	12	10	2.1	40.8	550	154	78	104	74.1	93.4	1090	-	-	-	-	7.6						
20	38	12	10	2.1	40.8	560	-	-	-	-	96.1	1100	-	-	-	-	7.6						
30	37	12	9	1.9	41.7	570	-	-	-	-	94.5	1110	-	-	-	-	7.6						
40	37	12	9	1.9	45.4	580	-	-	-	-	92.7	1120	-	-	-	-	7.6						
50	37	12	9	1.9	45.4	590	-	-	-	-	85.8	1130	-	-	-	-	7.6						
60	37	12	9	2.0	36.2	600	-	-	-	-	86.3	1140	-	-	-	-	7.6						
70	37	11	10	2.0	35.1	610	-	-	-	-	92.9	1150	-	-	-	-	7.6						
80	37	11	11	2.1	35.1	620	-	-	-	-	91.2	1160	-	-	-	-	7.6						
90	37	12	13	2.6	36.4	630	-	-	-	-	90.5	1170	-	-	-	-	7.6						
100	37	12	15	2.9	63.1	640	-	-	-	-	88.7	1180	-	-	-	-	7.6						
110	37	13	17	3.3	77.8	650	-	-	-	-	89.5	1190	-	-	-	-	7.6						
120	38	14	20	3.9	77.8	660	-	-	-	-	84.6	1200	-	-	-	-	3.7						
130	39	16	24	4.5	78.5	670	-	-	-	-	74.1	1210	-	-	-	-	3.7						
140	40	19	29	5.3	94.9	680	-	-	-	-	74.1	1220	-	-	-	-	3.7						
150	41	20	33	6.4	97.4	690	-	-	-	-	89.3												
160	43	22	38	7.5	103.6	700	-	-	-	-	97.0												
170	45	25	43	9.0	99.4	710	-	-	-	-	75.3												
180	49	28	48	10.9	94.9	720	-	-	-	-	73.9												
190	53	31	51	12.8	93.1	730	-	-	-	-	79.3												
200	57	33	53	14.8	90.6	740	-	-	-	-	91.9												
210	62	36	56	16.7	91.9	750	-	-	-	-	86.0												
220	67	38	59	19.0	99.9	760	-	-	-	-	78.0												
230	73	40	62	21.0	92.8	770	-	-	-	-	79.8												
240	78	41	64	22.8	90.2	780	-	-	-	-	90.9												
250	84	43	67	24.9	92.6	790	-	-	-	-	91.4												
260	88	44	69	26.7	93.2	800	-	-	-	-	87.2												
270	91	46	72	28.1	91.4	810	-	-	-	-	88.2												
280	95	48	75	29.7	90.0	820	-	-	-	-	91.5												
290	99	49	77	31.8	90.5	830	-	-	-	-	88.4												
300	103	51	80	34.0	89.4	840	-	-	-	-	85.9												
310	107	53	82	36.2	86.6	850	-	-	-	-	87.4												
320	110	54	86	38.0	87.8	860	-	-	-	-	90.2												
330	113	57	89	39.7	88.3	870	-	-	-	-	96.5												
340	116	59	90	42.2	85.8	880	-	-	-	-	98.6												
350	118	60	93	43.4	85.8	890	-	-	-	-	95.3												
360	122	62	95	46.4	88.3	900	-	-	-	-	89.9												
370	125	64	97	48.6	87.4	910	-	-	-	-	20.7												
380	127	66	99	51.0	85.4	920	-	-	-	-	20.7												
390	130	67	100	53.2	80.7	930	-	-	-	-	20.7												
400	133	68	101	55.5	81.4	940	-	-	-	-	20.7												
410	135	70	103	57.9	82.3	950	-	-	-	-	20.7												
420	137	71	104	59.9	82.9	960	-	-	-	-	20.7												
430	140	72	104	63.2	82.6	970	-	-	-	-	20.7												
440	142	74	104	65.6	84.7	980	-	-	-	-	19.9												
450	145	74	104	68.5	85.6	990	-	-	-	-	19.6												
460	149	75	104	71.9	94.3	1000	-	-	-	-	19.6												
470	151	75	104	73.7	94.6	1010	-	-	-	-	19.6												
480	152	77	104	74.0	91.6	1020	-	-	-	-	19.6												
490	153	77	104	74.9	92.1	1030	-	-	-	-	19.6												
500	154	78	104	75.3	88.7	1040	-	-	-	-	19.6												
510	154	78	104	75.0	85.9	1050	-	-	-	-	11.1												
520	155	78	104	75.6	85.7	1060	-	-	-	-	10.3												
530	155	79	104	74.7	87.8	1070	-	-	-	-	7.6												

資料 3.59　流出量・降雨量および水路水位

DISCHARGE & R.I.　8 -6 -3,　521205,　2 -50　0 AREA=628.M**2　QMAX= 44.1MM/H　8 -6 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	51	13	8	4.9	18.4	540	123	60	61	43.7	0.	1080	71	26	23	10.0	0.						
10	50	13	8	2.6	18.4	550	124	61	61	44.0	0.	1090	71	26	23	10.0	0.						
20	49	12	7	2.6	18.4	560	124	61	61	44.1	0.	1100	70	26	23	9.8	0.						
30	48	12	8	2.4	18.4	570	125	60	61	43.6	0.	1110	70	26	22	9.3	0.						
40	47	11	7	2.3	18.4	580	125	60	60	43.4	0.	1120	69	26	22	9.1	0.						
50	46	11	8	2.0	18.4	590	125	59	60	42.9	0.	1130	69	25	22	9.0	0.						
60	45	11	8	1.8	18.4	600	121	58	59	38.8	0.	1140	67	26	22	8.4	0.						
70	45	11	8	2.0	18.4	610	122	57	59	38.9	0.	1150	67	25	22	8.4	0.						
80	43	10	8	1.7	18.4	620	121	56	58	37.6	0.	1160	66	25	21	8.1	0.						
90	42	11	7	1.7	18.4	630	119	55	58	37.5	0.	1170	66	24	21	8.4	0.						
100	42	11	8	1.3	18.4	640	118	54	57	36.1	0.	1180	66	24	21	8.2	0.						
110	41	10	8	1.7	18.4	650	117	53	57	34.6	0.	1190	66	24	21	8.4	0.						
120	41	10	8	1.9	18.4	660	116	51	56	34.0	0.	1200	65	24	20	7.9	0.						
130	39	10	9	1.8	24.4	670	115	51	56	32.9	0.	1210	65	24	21	7.9	0.						
140	39	11	10	2.0	24.4	680	113	49	55	31.2	0.	1220	64	24	20	7.6	0.						
150	39	11	11	2.1	39.9	690	111	48	54	29.5	0.	1230	64	24	20	8.3	0.						
160	39	11	12	2.6	44.6	700	110	47	53	28.8	0.												
170	39	12	13	2.7	44.6	710	108	46	51	27.7	0.												
180	39	13	15	2.7	44.6	720	106	45	49	26.8	0.												
190	39	13	17	3.0	50.2	730	105	44	47	25.9	0.												
200	40	14	18	3.3	55.4	740	104	44	46	25.3	0.												
210	40	15	20	3.4	55.4	750	102	43	44	24.3	0.												
220	41	16	22	3.9	52.5	760	102	42	44	24.3	0.												
230	41	17	24	4.3	50.3	770	100	42	43	23.2	0.												
240	42	18	26	4.8	50.3	780	98	41	42	22.4	0.												
250	43	19	28	5.5	50.3	790	98	41	42	21.8	0.												
260	44	21	30	6.4	49.2	800	97	40	41	21.8	0.												
270	46	22	32	7.4	48.1	810	96	39	40	21.2	0.												
280	48	24	34	8.4	50.6	820	95	38	38	20.2	0.												
290	51	26	36	9.5	50.6	830	94	38	36	19.5	0.												
300	54	28	39	11.0	51.7	840	92	37	34	18.8	0.												
310	56	30	41	12.3	52.7	850	91	37	34	18.1	0.												
320	60	32	43	13.7	53.3	860	90	36	33	17.6	0.												
330	64	34	45	14.9	53.8	870	90	35	32	17.5	0.												
340	68	36	46	16.7	56.6	880	88	35	32	16.4	0.												
350	72	37	47	18.3	56.8	890	87	34	31	15.9	0.												
360	75	38	48	19.2	57.2	900	86	33	30	15.3	0.												
370	79	39	50	20.2	57.2	910	85	32	30	15.1	0.												
380	83	40	52	21.6	57.2	920	84	32	29	14.5	0.												
390	86	41	54	23.0	57.2	930	83	31	29	14.1	0.												
400	88	43	56	24.4	54.4	940	82	31	28	13.7	0.												
410	91	44	57	25.4	53.0	950	81	31	28	13.1	0.												
420	94	46	59	27.0	50.7	960	80	31	28	12.6	0.												
430	97	48	59	28.7	50.1	970	79	30	27	12.2	0.												
440	100	49	60	30.6	50.1	980	79	30	27	12.3	0.												
450	103	51	60	32.6	50.1	990	77	30	26	11.3	0.												
460	106	53	60	34.6	54.3	1000	76	30	25	11.2	0.												
470	108	54	61	35.8	50.5	1010	75	29	25	10.9	0.												
480	112	56	61	38.3	33.3	1020	74	28	25	10.7	0.												
490	115	57	61	40.2	13.3	1030	74	28	24	10.9	0.												
500	116	59	61	40.9	13.3	1040	74	28	24	10.8	0.												
510	119	59	61	42.4	0.	1050	72	27	24	10.2	0.												
520	121	59	61	43.4	0.	1060	72	27	24	10.0	0.												
530	122	60	61	43.9	0.	1070	72	26	23	10.0	0.												

資料 3.60　流出量・降雨量および水路水位

DISCHARGE & R.I., 9 -1 -3, 521206, 2=100 0 AREA=628.M**2 QMAX= 88.6MM/H 9 -1 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	4	4	3	0.0	29.6
10	4	4	3	0.2	29.6
20	4	4	3	0.2	29.6
30	4	4	3	0.2	29.6
40	4	5	3	-0.1	29.6
50	4	5	3	-0.1	29.6
60	4	5	3	-0.1	29.6
70	3	5	3	-0.1	38.3
80	3	5	3	-0.1	38.3
90	4	5	3	-0.1	38.3
100	4	5	4	0.2	69.7
110	4	5	4	0.3	77.5
120	4	5	6	0.2	82.1
130	4	6	9	0.3	91.4
140	4	6	12	0.5	88.4
150	4	6	15	0.8	91.5
160	5	6	18	1.1	95.8
170	5	6	21	1.1	94.1
180	6	6	24	2.0	84.4
190	7	7	28	3.0	89.1
200	8	9	33	3.4	93.3
210	11	9	38	4.4	88.6
220	14	11	42	4.8	86.0
230	16	12	46	6.9	85.4
240	20	15	50	8.2	87.3
250	22	15	53	9.2	92.6
260	29	18	57	11.8	93.5
270	36	23	61	14.6	95.3
280	42	26	63	17.7	93.3
290	51	30	65	20.3	91.4
300	61	34	67	23.5	85.3
310	70	37	68	27.9	86.9
320	80	40	70	31.7	93.8
330	88	46	70	35.4	100.8
340	99	49	72	41.5	85.2
350	106	52	72	45.1	89.3
360	116	55	73	51.5	94.0
370	125	59	74	57.0	98.6
380	130	62	75	60.5	88.4
390	135	65	75	63.4	85.6
400	140	68	76	66.2	86.3
410	145	71	76	71.0	87.9
420	149	73	76	75.3	93.3
430	151	75	77	76.3	96.7
440	154	77	78	79.6	101.7
450	159	80	78	84.3	117.1
460	160	80	78	85.3	85.9
470	162	81	78	87.5	42.6
480	164	83	76	88.2	19.9
490	165	83	76	89.2	19.9
500	165	83	76	88.9	19.9
510	166	83	76	89.0	19.9
520	166	83	76	88.7	19.9
530	165	82	75	87.4	19.9
540	165	81	75	86.3	19.9
550	165	80	74	85.2	19.9
560	163	78	74	82.8	40.7
570	162	77	73	80.9	45.9
580	159	74	72	75.4	62.6
590	157	71	70	72.4	59.5
600	154	68	70	68.9	62.5
610	151	65	69	64.7	60.2
620	148	62	68	60.3	29.4
630	145	61	68	57.6	29.4
640	141	58	68	53.6	29.4
650	138	56	67	50.4	29.4
660	135	55	66	48.1	29.4
670	133	53	66	46.0	13.2
680	130	52	65	44.0	3.9
690	128	50	65	42.2	3.9
700	125	48	64	40.4	3.9
710	123	47	64	38.3	3.9
720	120	47	63	36.3	3.9
730	-	-	-	-	3.9
740	-	-	-	-	3.9
750	-	-	-	-	3.9
780	110	40	61	29.3	0.
840	101	36	49	23.2	0.
900	93	31	41	18.7	0.
960	85	27	36	14.5	0.
1020	77	24	32	10.9	0.
1080	71	21	29	9.2	0.
1140	66	20	26	7.8	0.
1200	62	18	25	-1.1	0.
1260	9	17	25	0.1	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.61　流出量・降雨量および水路水位

DISCHARGE & R.I.　9 -2 -3,　521206,　2-100　0 AREA=628.M**2　QMAX= 90.7MM/H　　9 -2 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	40	11	17	2.7	38.5	540	162	77	73	81.7	19.4	1080	73	22	29	10.2	0.						
10	40	11	17	2.5	38.5	550	162	76	73	81.4	19.4	1090	72	21	28	10.1	0.						
20	40	10	17	2.7	38.5	560	160	74	72	78.5	23.6	1100	72	21	28	9.8	0.						
30	40	10	17	2.3	38.5	570	158	72	71	76.0	27.9	1110	71	21	27	9.5	0.						
40	40	10	17	2.3	34.9	580	156	70	71	72.7	27.9	1120	70	21	27	9.2	0.						
50	40	10	17	2.2	33.3	590	154	68	70	70.1	27.9	1130	69	21	26	10.2	0.						
60	39	10	17	2.2	33.3	600	152	66	69	67.3	38.9												
70	39	10	18	2.2	33.3	610	150	63	69	63.7	41.6												
80	39	10	20	2.1	35.0	620	147	61	68	60.8	18.8												
90	39	11	22	2.5	60.4	630	144	60	68	56.6	15.2												
100	39	12	24	2.8	75.3	640	141	58	67	54.1	15.2												
110	39	13	28	3.4	86.5	650	139	56	67	51.7	15.2												
120	39	14	31	4.1	87.3	660	135	54	66	48.6	15.2												
130	40	15	34	4.8	95.2	670	133	53	66	45.7	5.5												
140	42	17	39	6.2	93.5	680	131	51	65	44.0	10.9												
150	44	19	43	7.3	89.7	690	128	48	64	42.2	10.9												
160	46	21	46	8.6	93.5	700	124	48	64	-37.2	10.9												
170	50	23	49	10.5	96.7	710	122	47	63	37.1	10.9												
180	52	25	52	12.1	85.2	720	120	46	63	35.8	10.9												
190	56	28	57	14.2	85.2	730	-126	44	63	-3.4	0.												
200	61	30	60	16.3	88.2	740	116	43	62	33.2	0.												
210	66	31	63	19.0	90.2	750	115	42	62	32.2	0.												
220	72	34	64	21.1	87.6	760	113	41	61	107.5	0.												
230	78	36	66	24.0	87.9	770	111	41	60	29.7	0.												
240	84	39	67	27.0	91.6	780	109	40	60	28.7	0.												
250	88	43	69	29.1	95.4	790	109	39	58	28.3	0.												
260	94	46	69	32.1	95.6	800	107	38	57	27.4	0.												
270	101	49	70	36.8	96.5	810	105	37	53	26.4	0.												
280	106	52	71	40.5	97.7	820	104	37	51	25.2	0.												
290	112	55	72	44.7	97.6	830	103	36	50	24.7	0.												
300	119	59	72	49.6	92.3	840	101	35	49	23.9	0.												
310	125	62	73	54.6	92.3	850	101	35	48	23.1	0.												
320	131	65	74	59.6	94.2	860	99	34	47	22.1	0.												
330	136	69	74	63.8	94.6	870	98	33	46	21.5	0.												
340	141	71	74	68.2	93.8	880	96	33	43	20.3	0.												
350	146	74	75	72.4	99.4	890	95	32	42	19.6	0.												
360	150	75	75	75.7	101.2	900	93	31	41	18.7	0.												
370	153	77	75	79.4	99.0	910	92	30	39	18.3	0.												
380	156	79	76	81.1	98.0	920	91	30	38	17.8	0.												
390	159	80	76	84.8	101.6	930	90	29	37	17.2	0.												
400	161	80	76	86.5	106.3	940	89	29	37	16.5	0.												
410	162	81	76	87.2	96.5	950	87	28	36	15.8	0.												
420	164	81	76	88.2	90.8	960	86	27	36	14.9	0.												
430	165	82	76	89.7	95.0	970	85	27	35	14.5	0.												
440	166	82	76	90.1	98.6	980	84	26	34	14.7	0.												
450	166	82	76	90.4	95.3	990	83	26	33	13.8	0.												
460	167	82	77	90.6	95.3	1000	81	25	33	12.8	0.												
470	167	83	77	90.5	96.9	1010	81	25	33	12.7	0.												
480	167	83	76	90.7	67.0	1020	79	24	32	11.9	0.												
490	167	82	76	90.2	19.4	1030	77	24	32	11.2	0.												
500	167	82	76	89.9	19.4	1040	76	23	31	10.6	0.												
510	166	81	75	87.8	19.4	1050	75	23	30	10.5	0.												
520	165	80	74	86.5	19.4	1060	74	23	30	10.6	0.												
530	164	79	74	84.6	19.4	1070	74	22	29	10.6	0.												

資料 3.62　流出量・降雨量および水路水位

DISCHARGE & R.I. 9 -3 -3, 521206, 2=180 0 AREA=628.M**2 QMAX=154.3MM/H 9 -3 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	39	10	16	2.5	58.6	540	190	96	77	118.7	22.1	1080	79	24	31	12.1	0.						
10	39	10	16	1.8	58.6	550	187	92	76	112.6	22.9	1090	78	24	31	11.5	0.						
20	39	10	16	2.1	58.6	560	182	88	74	105.2	22.9	1100	76	24	30	10.8	0.						
30	39	9	16	2.1	58.6	570	179	84	74	99.9	22.9	1110	75	23	30	10.7	0.						
40	37	9	16	2.1	42.6	580	175	81	73	94.0	22.1	1120	74	23	29	10.4	0.						
50	38	9	16	2.6	42.6	590	171	78	73	88.4	21.3	1130	74	22	29	10.6	0.						
60	38	9	19	3.1	42.6	600	168	76	71	84.1	21.3	1140	73	22	29	10.2	0.						
70	39	10	24	4.3	82.6	610	164	73	70	79.3	21.3	1150	73	22	28	10.1	0.						
80	40	12	31	5.1	100.7	620	159	70	70	73.8	21.3	1160	71	21	28	9.1	0.						
90	41	14	40	6.4	123.3	630	155	67	69	68.7	12.6	1170	70	21	27	10.6	0.						
100	43	16	45	8.1	140.0	640	153	65	68	65.9	12.6												
110	46	19	57	10.4	140.0	650	150	62	68	62.5	12.6												
120	49	21	64	13.0	148.0	660	146	61	67	58.9	12.6												
130	54	26	66	16.9	168.0	670	143	59	67	55.2	12.6												
140	61	33	68	21.1	158.0	680	140	57	66	52.9	12.6												
150	69	37	71	26.1	148.0	690	137	55	66	50.2	6.8												
160	79	43	73	32.3	155.1	700	135	54	65	48.4	6.8												
170	89	48	76	38.8	200.4	710	132	52	65	46.1	6.8												
180	101	56	78	46.6	182.2	720	130	51	64	44.0	6.8												
190	113	62	79	54.3	156.3	730	128	49	64	42.8	6.8												
200	125	67	81	64.0	158.0	740	126	48	64	41.2	6.8												
210	136	73	82	73.5	170.0	750	124	48	63	39.0	6.8												
220	145	78	82	81.2	154.9	760	122	46	63	37.2	7.1												
230	153	86	84	89.8	151.1	770	120	44	62	35.7	7.1												
240	165	91	84	102.8	138.0	780	117	44	62	33.7	7.1												
250	172	94	85	111.7	156.0	790	115	43	61	32.5	7.1												
260	179	102	86	120.1	160.9	800	114	42	61	31.8	7.1												
270	186	106	86	127.4	215.1	810	111	41	60	30.2	7.1												
280	193	108	85	137.2	170.0	820	110	41	59	29.7	7.1												
290	194	107	86	137.7	178.0	830	110	40	58	29.3	7.1												
300	197	110	86	141.1	186.0	840	108	40	56	28.6	0.												
310	199	111	86	142.4	158.0	850	107	38	54	27.5	0.												
320	200	111	87	143.7	146.0	860	105	38	53	26.5	0.												
330	201	112	87	144.8	146.5	870	104	37	52	25.5	0.												
340	201	112	86	144.2	146.5	880	103	36	51	24.7	0.												
350	201	111	87	144.1	153.2	890	102	36	50	24.7	0.												
360	202	112	87	145.8	160.0	900	101	36	49	23.8	0.												
370	202	113	87	146.3	183.9	910	99	36	48	22.4	0.												
380	202	113	87	147.5	174.5	920	99	34	47	22.1	0.												
390	203	115	88	149.1	180.6	930	97	34	43	21.2	0.												
400	205	116	88	151.8	186.7	940	96	32	42	20.4	0.												
410	206	116	88	153.7	171.1	950	95	32	41	20.0	0.												
420	206	116	88	154.3	137.8	960	94	31	39	19.1	0.												
430	206	117	88	153.8	129.1	970	92	31	38	18.3	0.												
440	207	116	87	154.1	158.0	980	91	30	37	17.5	0.												
450	207	117	87	153.5	143.0	990	90	30	37	17.1	0.												
460	207	115	87	153.1	146.7	1000	88	29	36	16.3	0.												
470	206	115	88	150.3	146.1	1010	87	28	35	15.3	0.												
480	204	113	86	146.8	80.0	1020	87	27	35	15.4	0.												
490	203	113	83	143.3	57.9	1030	85	27	34	15.0	0.												
500	200	107	82	138.4	21.3	1040	83	26	33	14.4	0.												
510	198	104	81	133.6	21.3	1050	82	26	33	13.3	0.												
520	196	101	79	128.7	21.3	1060	82	25	33	13.2	0.												
530	193	99	79	123.9	21.3	1070	81	25	32	13.0	0.												

資料 3.63　流出量・降雨量および水路水位

DISCHARGE & R.I.,　9 -4 -3,　521206,　1=200　0 AREA=628.M**2　QMAX=176.0MM/H　　9 -4 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	39	10	15	2.5	34.4
10	39	10	15	1.8	34.4
20	38	10	15	1.8	34.4
30	38	10	15	1.7	34.4
40	37	10	15	1.6	34.4
50	37	9	15	1.9	34.4
60	37	10	15	2.2	34.4
70	37	9	16	2.6	52.8
80	37	10	17	3.1	87.2
90	38	10	21	4.0	128.4
100	39	12	29	5.4	155.3
110	40	15	38	6.7	180.0
120	42	18	52	7.9	202.9
130	46	20	59	9.1	235.1
140	50	22	64	14.1	156.9
150	53	29	68	17.4	161.1
160	56	34	70	21.4	186.9
170	71	38	75	29.5	207.1
180	81	48	79	35.9	191.5
190	96	56	80	46.3	170.5
200	110	60	80	55.1	155.1
210	121	67	82	63.7	141.0
220	133	71	83	73.1	137.8
230	145	79	84	83.7	124.0
240	155	89	86	94.5	156.2
250	167	95	87	109.0	172.2
260	177	99	88	120.4	188.8
270	185	103	89	129.7	145.8
280	192	109	89	139.4	144.7
290	196	111	89	142.2	164.4
300	200	114	89	146.8	174.7
310	204	116	89	153.7	181.9
320	204	114	89	153.1	180.0
330	204	116	89	152.6	234.8
340	205	117	90	152.9	183.8
350	207	119	91	155.7	174.5
360	209	121	91	160.3	171.4
370	209	119	91	160.0	175.0
380	209	119	91	159.6	205.3
390	209	121	91	158.8	146.7
400	209	119	89	159.1	195.5
410	209	116	90	159.3	165.6
420	209	117	90	158.8	161.1
430	210	121	89	160.7	165.9
440	211	119	91	161.9	138.9
450	209	119	91	159.6	165.0
460	209	119	90	160.0	188.2
470	210	121	91	161.8	196.9
480	212	123	92	165.1	180.9
490	214	124	92	169.9	191.0
500	214	122	91	169.6	186.8
510	214	123	92	169.1	188.5
520	214	123	91	168.4	158.6
530	214	121	91	168.4	169.1
540	214	124	91	168.4	174.3
550	214	123	91	169.1	155.1
560	214	122	91	169.1	149.5
570	214	125	91	169.1	173.3
580	217	125	91	174.1	145.8
590	217	125	91	174.5	169.1
600	217	125	89	174.5	147.9
610	217	125	92	173.7	165.0
620	218	128	94	176.6	160.0
630	218	127	92	176.7	153.3
640	218	125	91	176.7	171.7
650	218	125	91	175.5	175.0
660	218	125	91	176.5	167.1
670	-	-	-	-	182.9
680	-	-	-	-	180.0
690	-	-	-	-	177.4
700	-	-	-	-	179.7
710	-	-	-	-	184.2
720	219	127	90	178.4	203.3
730	-	-	-	-	156.2
740	-	-	-	-	165.9
750	-	-	-	-	173.3
760	-	-	-	-	235.3
770	-	-	-	-	184.5
780	219	125	90	177.9	217.6
790	-	-	-	-	206.5
800	-	-	-	-	138.0
810	-	-	-	-	144.9
820	-	-	-	-	158.3
830	-	-	-	-	157.9
840	217	125	92	173.2	156.9
850	-	-	-	-	176.7
860	-	-	-	-	159.4
870	-	-	-	-	174.2
880	-	-	-	-	163.7
890	-	-	-	-	166.9
900	219	128	91	177.5	165.1
910	-	-	-	-	161.5
920	-	-	-	-	164.5
930	-	-	-	-	215.1
940	-	-	-	-	197.7
950	-	-	-	-	141.1
960	218	125	91	175.8	196.1
970	-	-	-	-	153.0
980	-	-	-	-	149.5
990	-	-	-	-	158.3
1000	-	-	-	-	158.8
1010	-	-	-	-	140.7
1020	216	124	91	170.7	150.7
1030	-	-	-	-	161.1
1040	-	-	-	-	177.3
1050	-	-	-	-	205.6
1060	-	-	-	-	188.3
1070	-	-	-	-	164.6
1080	214	122	89	167.4	172.9
1090	-	-	-	-	257.1
1100	-	-	-	-	111.1
1110	-	-	-	-	121.1
1120	-	-	-	-	106.1
1130	-	-	-	-	60.2
1140	209	116	85	155.3	39.0
1150	-	-	-	-	25.6
1160	-	-	-	-	25.6
1170	-	-	-	-	25.6
1180	-	-	-	-	31.9
1190	-	-	-	-	38.3
1200	192	100	76	120.7	37.9
1210	-	-	-	-	17.5
1220	-	-	-	-	17.5
1230	-	-	-	-	17.5
1240	-	-	-	-	17.5
1250	-	-	-	-	17.5
1260	162	75	70	76.0	17.5
1270	-	-	-	-	17.5
1280	-	-	-	-	17.5
1290	-	-	-	-	17.5
1300	-	-	-	-	17.5
1310	-	-	-	-	17.5
1320	140	58	66	52.0	17.4
1330	-	-	-	-	18.8
1340	-	-	-	-	11.3
1350	-	-	-	-	11.3
1360	-	-	-	-	11.3
1370	-	-	-	-	11.3
1380	125	48	63	39.8	11.3
1390	-	-	-	-	11.3
1400	-	-	-	-	11.3
1410	-	-	-	-	11.3
1420	-	-	-	-	11.3
1430	-	-	-	-	5.0
1440	112	41	61	30.1	0.
1500	104	37	54	25.8	0.
1560	97	34	47	21.0	0.
1620	91	31	37	17.7	0.
1680	83	27	33	14.1	0.
1740	78	24	30	12.2	0.
1800	73	22	28	10.0	0.
1860	68	20	25	8.6	0.
1920	64	20	23	7.4	0.
1980	61	19	21	6.3	0.
2040	57	18	20	6.3	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.64　流出量・降雨量および水路水位

DISCHARGE & R.I., 9 -5 -3, 521206, 1 -50 0 AREA=628,M**2 QMAX= 52.0MM/H 9 -5 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	6	-29	0.4	13.3	540	106	43	38	31.8	54.7	1080	133	57	60	51.4	52.5	1620	130	55	54	47.5	3.5
10	18	5	-29	-0.0	13.3	550	106	44	39	31.8	54.7	1090	133	57	60	52.0	52.5	1630	129	54	53	46.9	3.5
20	19	6	-29	0.1	13.3	560	108	45	40	31.7	53.0	1100	133	57	60	51.7	52.5	1640	129	53	52	46.8	3.5
30	18	5	-29	0.1	13.3	570	109	45	41	32.9	50.3	1110	133	57	60	51.7	52.5	1650	129	53	51	46.5	3.5
40	18	5	-29	0.4	13.3	580	110	46	42	34.3	50.3	1120	134	57	60	51.9	52.5	1660	128	53	50	45.4	3.5
50	18	5	-29	0.1	13.3	590	109	46	42	33.3	50.3	1130	133	57	60	51.5	52.5	1670	127	53	49	44.3	0.
60	18	5	-29	0.1	13.3	600	111	46	43	34.2	51.3	1140	134	57	60	52.2	52.4	1680	127	52	48	44.3	0.
70	18	5	-29	0.6	13.3	610	113	47	44	35.8	51.7	1150	133	57	60	51.5	52.0	1690	125	52	47	42.0	0.
80	18	5	-29	0.4	13.3	620	113	48	45	36.6	51.7	1160	134	58	60	52.2	51.8	1700	124	51	46	41.9	0.
90	17	5	-29	0.4	13.3	630	114	48	46	37.1	51.1	1170	134	57	60	51.9	51.8	1710	124	50	44	41.0	0.
100	18	5	-29	0.1	13.3	640	116	48	46	37.9	47.9	1180	134	58	59	52.2	49.4	1720	123	49	43	40.5	0.
110	18	5	-29	0.2	13.3	650	116	49	47	38.1	47.9	1190	134	57	60	52.0	49.6	1730	123	49	43	40.6	0.
120	18	5	-29	0.4	13.3	660	117	49	48	38.7	47.9	1200	132	57	59	50.0	49.6	1740	121	48	41	39.2	0.
130	17	5	-29	0.2	13.3	670	118	49	48	39.0	48.3	1210	133	57	59	50.3	49.1	1750	120	48	40	38.1	0.
140	17	5	-28	0.4	13.3	680	118	50	49	39.3	50.6	1220	133	57	59	50.3	47.2	1760	120	48	39	37.8	0.
150	17	6	-28	0.5	13.3	690	119	50	49	40.8	50.6	1230	133	57	59	51.1	47.9	1770	119	47	38	36.7	0.
160	18	6	-27	0.7	18.5	700	119	50	50	40.3	50.6	1240	132	57	59	50.3	48.7	1780	118	47	37	36.3	0.
170	18	6	-26	0.8	26.2	710	121	50	50	41.6	47.1	1250	132	57	59	50.3	49.7	1790	117	46	36	35.4	0.
180	18	6	-25	1.0	38.4	720	122	51	51	43.0	46.6	1260	133	57	59	50.6	51.9	1800	115	44	34	33.6	0.
190	18	6	-24	1.0	41.4	730	122	52	52	42.5	46.6	1270	132	57	59	50.1	51.9	1810	113	44	32	32.6	0.
200	19	6	-23	1.1	40.7	740	122	52	52	42.4	46.6	1280	132	57	59	50.3	51.9	1820	113	44	31	31.8	0.
210	19	7	-21	1.4	51.7	750	124	52	53	43.6	51.2	1290	132	57	59	49.5	48.8	1830	112	43	30	32.0	0.
220	20	7	-19	1.7	51.7	760	124	52	53	43.9	51.6	1300	131	57	59	49.2	49.3	1840	112	43	29	32.2	0.
230	20	8	-18	1.7	51.7	770	125	52	54	44.8	51.6	1310	132	57	59	49.8	50.2	1850	110	43	27	30.2	0.
240	21	9	-16	1.8	54.6	780	125	52	54	44.3	50.0	1320	131	56	59	49.5	51.5	1860	109	42	26	29.9	0.
250	22	9	-15	1.9	55.3	790	125	52	54	44.9	51.0	1330	131	56	59	49.8	57.7	1870	108	41	24	28.7	0.
260	23	9	-13	2.4	55.3	800	125	53	54	44.6	51.0	1340	132	57	59	50.0	57.9	1880	107	41	22	28.3	0.
270	23	10	-11	2.4	53.4	810	126	53	55	45.2	51.0	1350	132	56	59	50.1	54.9	1890	107	39	19	27.5	0.
280	24	11	-10	2.8	51.9	820	126	53	55	45.6	52.8	1360	132	57	59	50.6	51.5	1900	105	39	14	26.7	0.
290	25	13	-7	3.5	51.9	830	126	53	56	45.6	53.3	1370	132	57	59	50.0	49.5	1910	104	38	11	25.8	0.
300	27	15	-4	4.5	51.9	840	127	54	56	46.2	53.3	1380	132	57	59	50.1	49.5	1920	102	37	10	24.4	0.
310	29	16	-1	5.6	54.4	850	127	54	56	46.3	51.9	1390	132	57	59	50.0	49.2	1930	101	36	8	23.9	0.
320	31	18	0	6.5	54.4	860	127	54	56	46.6	52.5	1400	132	57	59	49.8	49.1	1940	101	35	7	23.6	0.
330	35	19	3	8.2	54.4	870	128	54	57	47.5	52.5	1410	132	57	59	50.4	49.1	1950	100	35	4	23.3	0.
340	38	22	5	9.6	50.5	880	128	54	57	46.8	51.5	1420	132	57	59	50.4	49.1	1960	98	35	1	21.8	0.
350	42	24	8	10.7	48.2	890	129	55	57	47.8	49.4	1430	131	56	58	49.4	48.3	1970	97	33	0	20.7	0.
360	47	26	10	12.4	48.0	900	129	55	57	48.1	49.5	1440	132	56	59	49.7	49.7	1980	96	32	-1	19.8	0.
370	52	28	12	13.9	48.4	910	129	55	57	48.1	49.5	1450	132	56	59	50.0	49.7	1990	94	31	-2	19.1	0.
380	56	29	13	15.4	49.1	920	129	55	57	48.0	49.2	1460	131	57	59	49.5	49.7	2000	93	31	-3	18.3	0.
390	62	30	14	16.8	49.3	930	130	55	57	48.6	48.1	1470	131	57	59	49.4	51.9	2010	91	30	-4	17.2	0.
400	67	31	15	18.2	49.0	940	131	55	57	49.5	48.1	1480	132	57	59	50.6	51.9	2020	90	29	-4	16.4	0.
410	71	32	16	19.4	48.8	950	130	55	57	48.6	47.9	1490	131	57	59	49.7	51.9	2030	87	28	-5	14.9	0.
420	76	33	19	20.8	48.4	960	131	55	57	49.3	47.9	1500	131	57	59	49.5	45.1	2040	86	27	-6	14.4	0.
430	81	34	21	22.1	50.0	970	130	55	57	48.6	49.4	1510	132	57	59	50.1	22.9	2050	85	26	-7	13.8	0.
440	84	35	24	22.9	49.5	980	131	55	58	49.3	49.4	1520	132	57	58	50.1	22.9	2060	83	25	-7	13.3	0.
450	87	35	26	24.0	49.5	990	131	56	58	49.0	48.3	1530	131	57	58	49.5	3.5	2070	81	25	-8	12.4	0.
460	90	37	28	24.9	51.7	1000	131	56	58	49.3	46.4	1540	131	57	58	49.2	3.5	2080	80	24	-8	11.9	0.
470	93	38	29	26.1	53.6	1010	131	56	58	49.2	46.8	1550	132	57	58	49.8	3.5	2090	78	24	-9	11.2	0.
480	96	38	31	27.2	53.9	1020	131	56	58	49.3	46.8	1560	131	57	58	49.4	3.5	2100	77	23	-9	10.9	0.
490	98	39	32	28.0	53.5	1030	131	56	58	49.8	49.8	1570	131	57	57	49.4	3.5	2110	76	22	-10	10.3	0.
500	101	40	33	29.6	51.9	1040	131	57	59	50.0	51.9	1580	131	57	56	49.0	3.5	2120	75	22	-10	10.0	0.
510	102	41	34	29.9	51.5	1050	132	57	59	50.6	52.4	1590	131	56	56	48.6	3.5	2130	73	22	-11	9.4	0.
520	103	42	35	29.8	51.5	1060	132	57	59	50.6	53.4	1600	131	56	55	48.4	3.5	2140	72	21	-11	9.2	0.
530	105	43	36	31.1	53.2	1070	132	57	59	51.1	53.3	1610	130	55	54	48.0	3.5	2150	71	20	-11	8.8	0.

資料 3.65　流出量・降雨量および水路水位

DISCHARGE & R.I.　9 -5 -3,　521206,　1 -50　0 AREA=628.M**2　QMAX= 52.0MM/H　9 -5 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	70	20	-12	8.7	0.																		
2170	69	20	-12	8.4	0.																		
2180	68	20	-12	8.4	0.																		
2190	68	19	-13	8.5	0.																		
2200	67	19	-13	8.1	0.																		
2210	66	19	-13	7.6	0.																		
2220	66	19	-13	7.8	0.																		
2230	65	18	-13	7.3	0.																		
2240	64	18	-14	7.1	0.																		
2250	64	18	-14	7.1	0.																		
2260	62	18	-14	6.8	0.																		
2270	62	18	-14	6.8	0.																		
2280	62	18	-14	6.8	0.																		
2290	61	17	-15	6.8	0.																		
2300	61	18	-15	6.8	0.																		
2310	61	18	-15	6.7	0.																		
2320	60	17	-15	6.4	0.																		
2330	60	17	-15	6.2	0.																		
2340	59	17	-16	6.2	0.																		
2350	59	17	-16	6.3	0.																		
2360	58	17	-16	5.9	0.																		
2370	58	17	-16	6.7	0.																		

資料 3.66　流出量・降雨量および水路水位

DISCHARGE & R.I. 9 -6 -3, 521206, 4 -1 0 AREA=628.M**2 QMAX=162.7MM/H 9 -6 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	39	10	-24	2.5	15.6	540	65	23	0	10.5	27.8	1080	95	35	19	23.1	44.7	1620	117	48	27	37.8	41.3
10	39	10	-24	2.2	15.6	550	66	23	1	11.2	28.5	1090	95	36	20	23.4	45.4	1630	118	49	27	38.8	41.3
20	39	10	-24	2.5	15.6	560	67	24	1	11.4	28.9	1100	96	36	21	23.8	42.9	1640	118	49	27	38.8	41.3
30	38	10	-24	2.2	15.6	570	68	24	1	10.6	28.9	1110	97	37	22	24.2	45.5	1650	118	49	27	39.2	45.8
40	38	10	-24	2.5	15.6	580	69	24	0	11.0	28.9	1120	97	37	22	24.1	45.5	1660	119	50	28	39.7	53.2
50	39	10	-24	2.3	15.6	590	70	24	1	11.7	28.9	1130	98	37	22	24.7	40.1	1670	119	50	28	40.0	53.2
60	38	10	-24	2.4	15.6	600	68	24	0	10.8	28.9	1140	98	37	22	24.8	34.8	1680	120	50	28	40.3	51.4
70	39	10	-24	2.7	15.6	610	69	24	2	11.0	28.8	1150	98	37	22	25.0	34.8	1690	120	51	28	40.3	51.0
80	39	10	-24	2.0	15.6	620	70	25	2	11.5	28.6	1160	99	37	22	25.1	34.8	1700	121	51	28	41.3	51.0
90	38	10	-24	2.2	15.6	630	71	25	5	12.6	28.6	1170	99	38	23	25.0	34.8	1710	121	51	28	41.4	49.5
100	39	10	-24	2.0	15.6	640	72	26	6	13.2	28.6	1180	100	38	22	25.6	51.5	1720	122	52	28	42.5	49.2
110	37	10	-24	1.9	15.9	650	73	26	7	13.4	28.6	1190	100	38	23	25.7	51.5	1730	122	52	28	42.8	49.2
120	38	10	-23	2.1	17.1	660	74	27	7	13.7	28.6	1200	99	38	22	25.3	42.9	1740	123	52	28	43.6	47.0
130	38	10	-23	2.0	17.1	670	75	27	7	14.0	27.5	1210	100	38	23	25.9	50.8	1750	124	52	28	44.3	46.5
140	38	10	-22	2.5	17.1	680	76	27	8	14.1	27.6	1220	100	39	24	25.7	56.5	1760	125	52	28	44.0	46.5
150	38	10	-22	2.1	17.1	690	76	28	7	14.1	27.7	1230	101	40	23	26.7	80.5	1770	125	53	28	43.9	46.5
160	38	10	-22	2.5	20.0	700	78	28	7	15.0	27.7	1240	101	40	23	26.8	45.5	1780	125	53	28	44.3	48.5
170	38	11	-21	2.5	20.0	710	78	28	8	14.8	27.7	1250	101	40	23	27.1	44.3	1790	123	53	28	42.6	50.6
180	37	11	-21	2.5	20.0	720	79	29	9	15.4	27.7	1260	101	40	24	26.7	43.1	1800	124	53	28	43.1	50.6
190	38	11	-20	2.7	20.0	730	79	29	10	15.3	27.7	1270	102	41	24	27.0	43.1	1810	125	53	28	43.9	52.0
200	38	11	-20	2.7	20.4	740	80	30	10	16.0	31.6	1280	103	41	24	27.9	40.1	1820	125	53	29	45.0	55.1
210	39	11	-19	2.9	23.7	750	80	29	10	15.9	32.1	1290	102	42	25	27.9	40.1	1830	126	54	29	45.8	56.6
220	39	12	-19	2.9	23.7	760	81	30	10	16.3	32.1	1300	103	42	25	28.2	37.9	1840	126	54	29	45.6	46.9
230	39	12	-18	2.9	23.7	770	83	30	10	17.0	32.1	1310	104	42	25	28.6	36.7	1850	126	55	29	46.1	35.2
240	39	12	-18	3.1	24.0	780	83	30	11	17.2	32.1	1320	105	43	25	29.9	36.7	1860	128	55	29	47.4	36.7
250	40	12	-17	3.1	25.3	790	83	31	12	17.4	29.8	1330	105	43	25	30.2	36.7	1870	128	56	30	48.1	36.7
260	40	13	-16	3.4	25.3	800	84	31	12	17.2	30.0	1340	105	43	26	30.0	36.7	1880	129	57	30	48.6	37.1
270	41	13	-16	3.8	25.3	810	85	31	11	17.8	30.0	1350	107	43	26	31.1	36.7	1890	129	57	30	48.6	38.9
280	40	13	-16	3.8	25.1	820	86	31	11	18.3	30.0	1360	107	44	26	31.7	36.7	1900	130	58	30	50.0	38.9
290	41	14	-15	4.1	25.1	830	86	32	12	18.3	30.0	1370	108	44	26	31.9	36.6	1910	131	59	31	50.9	40.9
300	42	14	-14	4.1	25.1	840	86	32	13	18.4	30.0	1380	109	45	26	32.4	33.8	1920	131	60	31	51.0	45.5
310	43	15	-14	4.7	25.1	850	87	32	13	18.7	31.2	1390	110	45	26	33.7	33.8	1930	133	60	31	53.1	48.0
320	44	15	-13	4.8	25.3	860	87	32	13	19.2	30.9	1400	110	45	26	33.3	33.8	1940	135	61	31	55.3	51.2
330	44	15	-12	4.8	25.3	870	88	32	13	19.3	30.9	1410	111	46	26	33.9	33.8	1950	136	61	31	56.4	51.2
340	45	16	-11	4.8	28.1	880	89	32	13	19.7	30.9	1420	112	46	26	34.3	33.8	1960	137	63	31	57.7	51.2
350	46	16	-10	5.1	28.1	890	90	33	13	20.0	30.9	1430	112	46	26	35.0	33.6	1970	139	63	31	59.2	50.6
360	47	17	-10	5.5	30.6	900	90	33	14	20.0	33.4	1440	113	46	26	35.2	33.5	1980	139	64	31	59.6	50.0
370	47	17	-10	5.6	30.6	910	90	33	14	19.7	36.1	1450	113	46	26	35.2	33.5	1990	141	64	32	60.9	50.4
380	48	17	-9	5.9	30.6	920	90	33	14	19.6	39.6	1460	114	47	26	35.8	33.5	2000	143	65	33	63.0	43.1
390	50	18	-8	6.5	28.7	930	90	33	14	19.8	41.9	1470	114	47	26	35.7	33.5	2010	143	66	33	63.5	43.1
400	51	18	-7	6.7	28.7	940	90	33	13	19.8	41.5	1480	114	47	26	35.7	33.5	2020	144	67	33	64.5	43.1
410	51	19	-7	7.1	28.7	950	91	33	14	20.3	41.4	1490	115	47	26	36.3	34.6	2030	146	68	34	65.6	51.2
420	53	19	-6	7.1	29.6	960	91	33	14	20.6	41.4	1500	114	47	26	35.4	35.3	2040	146	68	34	66.1	53.2
430	53	19	-5	7.3	29.6	970	91	34	15	20.6	40.8	1510	115	47	26	35.8	35.3	2050	147	69	34	67.1	51.8
440	55	20	-5	7.9	27.6	980	91	34	14	20.8	39.3	1520	115	47	26	35.6	35.3	2060	148	69	34	67.3	51.2
450	55	20	-5	7.8	27.6	990	93	34	15	21.8	39.3	1530	115	47	26	35.9	35.3	2070	148	69	34	68.0	51.8
460	56	20	-4	8.3	27.6	1000	93	34	16	21.8	39.3	1540	115	47	26	35.9	40.5	2080	149	70	33	68.4	70.6
470	58	20	-4	8.7	26.7	1010	93	34	15	21.9	42.3	1550	115	47	26	36.3	40.5	2090	149	70	34	69.0	70.6
480	59	21	-4	9.0	27.8	1020	94	34	16	21.6	47.9	1560	115	47	26	36.4	45.1	2100	150	70	34	70.3	75.6
490	60	21	-4	9.3	27.8	1030	94	34	16	21.6	48.2	1570	116	48	26	36.8	45.1	2110	150	71	34	70.9	74.7
500	61	22	-2	9.3	27.8	1040	94	35	16	21.6	47.1	1580	116	48	26	36.7	45.1	2120	151	71	36	71.7	88.0
510	62	22	-2	9.9	27.8	1050	93	35	17	21.5	42.8	1590	116	48	27	37.2	45.1	2130	152	73	36	73.5	78.0
520	63	22	-1	9.9	27.8	1060	93	35	19	21.6	42.8	1600	116	48	27	37.4	45.1	2140	152	73	36	75.1	105.0
530	64	22	0	10.1	27.8	1070	94	35	19	22.1	42.8	1610	116	48	27	37.4	41.3	2150	154	76	38	77.8	115.0

資料 3.67　流出量・降雨量および水路水位

DISCHARGE & R.I.　9 -6 -3,　521206,　4　-1　0 AREA=628.M**2　QMAX=162.7MM/H　9 -6 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	157	79	39	82.3	106.2	2700	168	81	35	89.3	56.2	3240	121	50	27	39.8	37.2	3780	109	42	22	30.4	37.0
2170	161	83	41	88.8	99.6	2710	166	80	35	87.2	51.0	3250	121	50	27	39.6	36.0	3790	109	42	23	30.6	37.4
2180	164	87	42	94.4	106.6	2720	166	80	35	86.4	50.3	3260	121	49	26	39.6	34.7	3800	109	42	23	30.3	37.4
2190	168	91	43	100.3	120.5	2730	164	79	34	83.9	47.6	3270	120	49	26	39.0	34.7	3810	108	41	22	29.9	31.6
2200	174	95	43	108.5	120.5	2740	163	77	34	82.8	46.4	3280	120	49	26	38.9	34.7	3820	107	41	22	29.3	31.6
2210	179	98	45	115.6	120.5	2750	161	76	34	80.7	41.6	3290	119	49	26	38.5	40.5	3830	107	41	22	28.8	31.6
2220	184	103	46	123.1	116.6	2760	161	76	34	80.4	41.6	3300	118	48	26	37.9	42.0	3840	107	41	22	28.9	30.4
2230	190	108	46	131.4	112.7	2770	160	75	34	78.8	36.2	3310	119	48	26	38.6	42.0	3850	106	41	21	28.7	29.6
2240	193	110	47	135.6	111.8	2780	159	74	33	77.6	33.8	3320	119	48	26	38.6	38.8	3860	105	40	21	28.0	29.6
2250	197	112	47	141.6	114.5	2790	158	72	33	76.2	33.8	3330	119	49	26	38.9	38.2	3870	105	40	21	27.6	30.5
2260	198	113	47	142.7	107.9	2800	156	71	32	73.6	33.8	3340	119	49	27	39.1	38.4	3880	105	40	21	27.6	30.5
2270	201	115	47	147.1	107.6	2810	154	70	32	71.8	34.8	3350	119	48	27	38.6	38.4	3890	104	39	21	27.7	30.5
2280	203	116	47	150.7	115.0	2820	153	69	31	70.5	34.8	3360	119	49	27	38.7	44.1	3900	104	39	20	27.2	30.7
2290	204	117	49	152.5	103.8	2830	152	69	31	69.1	34.8	3370	119	49	27	38.4	44.1	3910	103	39	20	26.7	30.8
2300	205	118	49	152.8	110.7	2840	151	68	31	68.1	33.7	3380	118	49	27	38.5	44.2	3920	104	39	20	27.2	29.3
2310	206	119	48	154.1	102.1	2850	150	67	30	66.0	32.6	3390	119	49	27	38.9	44.9	3930	103	38	20	26.6	27.7
2320	207	120	48	156.4	108.1	2860	149	66	30	64.5	32.6	3400	118	49	27	38.3	54.2	3940	102	38	19	26.2	27.7
2330	208	119	47	158.5	115.0	2870	148	65	30	63.2	32.6	3410	119	49	27	39.3	61.0	3950	102	37	19	26.1	27.7
2340	209	119	47	160.2	113.6	2880	146	64	30	61.3	32.6	3420	119	49	27	39.3	64.9	3960	102	37	18	25.9	26.0
2350	209	119	47	158.8	109.4	2890	143	63	30	58.3	32.6	3430	119	49	27	39.0	61.9	3970	101	37	18	25.6	24.1
2360	210	119	47	160.7	115.0	2900	141	62	30	56.9	32.6	3440	119	49	27	38.7	58.9	3980	101	37	17	25.6	24.1
2370	210	120	49	161.1	115.0	2910	141	62	30	56.6	31.6	3450	119	48	27	39.0	54.9	3990	101	37	17	25.3	24.1
2380	210	122	49	161.3	111.1	2920	140	61	29	56.9	30.5	3460	119	49	27	39.4	59.5	4000	101	37	16	25.3	25.8
2390	211	122	49	162.7	102.7	2930	140	61	29	56.5	30.5	3470	119	48	27	39.3	58.0	4010	101	37	16	25.0	26.3
2400	211	122	50	161.9	83.7	2940	139	61	29	55.5	30.5	3480	119	49	28	38.9	40.0	4020	100	37	15	24.8	26.3
2410	211	122	50	161.3	67.8	2950	138	61	29	55.0	30.5	3490	120	49	28	39.7	40.0	4030	101	36	15	25.3	26.3
2420	210	122	48	159.8	60.9	2960	137	59	29	54.0	30.5	3500	119	49	27	39.4	40.0	4040	100	36	14	24.7	26.3
2430	211	121	47	161.2	60.6	2970	137	59	29	53.1	30.5	3510	120	49	28	39.8	30.4	4050	100	37	14	24.5	27.5
2440	209	119	46	156.6	49.5	2980	136	58	29	52.6	30.5	3520	120	49	27	39.7	30.4	4060	100	36	15	24.4	27.7
2450	208	117	45	154.3	49.5	2990	136	58	29	52.4	31.6	3530	120	49	28	40.2	30.4	4070	100	36	15	24.7	27.4
2460	206	114	44	149.7	53.5	3000	133	57	29	50.0	30.1	3540	120	49	28	39.5	30.4	4080	99	36	15	24.2	27.4
2470	204	111	44	145.0	54.5	3010	133	57	29	49.4	27.6	3550	120	49	28	39.9	30.4	4090	99	36	15	23.7	27.0
2480	202	109	43	140.9	51.4	3020	133	57	29	49.5	27.6	3560	120	49	28	39.6	30.4	4100	99	36	16	23.4	26.6
2490	200	107	43	137.1	188.3	3030	132	57	29	49.7	27.6	3570	120	49	27	39.1	30.4	4110	99	36	16	24.0	26.6
2500	198	104	42	132.6	80.7	3040	131	56	29	48.9	27.6	3580	120	49	27	38.8	30.0	4120	98	36	15	23.3	28.2
2510	195	101	41	128.3	70.5	3050	131	56	29	48.4	27.6	3590	119	48	27	38.2	30.0	4130	97	36	13	22.6	29.4
2520	192	99	40	123.2	61.0	3060	131	55	29	47.8	25.3	3600	118	48	26	37.6	30.0	4140	97	36	13	22.4	29.7
2530	189	97	40	118.3	63.7	3070	131	55	29	48.3	33.5	3610	118	48	26	37.0	31.0	4150	97	36	13	23.2	29.7
2540	187	95	39	115.4	65.5	3080	129	55	28	46.6	33.5	3620	117	48	26	36.9	32.4	4160	97	36	13	23.2	29.7
2550	185	93	39	111.8	64.8	3090	128	54	28	45.9	33.5	3630	117	48	25	36.9	30.6	4170	97	36	14	22.9	30.2
2560	182	91	38	108.4	60.2	3100	129	54	28	46.1	35.9	3640	117	47	26	36.5	30.0	4180	97	36	14	22.6	30.8
2570	181	90	38	106.6	60.2	3110	128	54	28	45.1	35.9	3650	117	47	25	36.9	30.0	4190	97	36	13	22.7	27.8
2580	179	89	39	103.9	62.9	3120	128	53	28	45.6	35.9	3660	116	47	25	36.0	30.0	4200	96	35	13	22.0	27.0
2590	177	89	39	102.2	61.7	3130	127	53	28	45.0	35.9	3670	116	47	24	35.8	30.0	4210	95	35	12	21.7	27.0
2600	177	88	39	101.6	60.5	3140	125	53	28	43.2	34.9	3680	115	46	24	35.1	30.0	4220	95	35	12	21.8	25.6
2610	175	88	39	99.8	60.5	3150	126	53	28	43.5	34.7	3690	115	45	24	34.7	30.0	4230	95	35	12	21.5	24.1
2620	174	87	39	98.6	57.8	3160	126	52	27	43.5	35.6	3700	115	45	24	34.5	29.5	4240	95	35	12	21.5	24.1
2630	173	87	39	97.1	59.9	3170	125	52	27	43.2	35.6	3710	114	45	23	34.1	29.5	4250	95	35	12	22.0	24.1
2640	172	86	38	96.0	70.2	3180	124	52	27	42.5	35.6	3720	113	44	23	33.1	29.5	4260	94	35	12	21.4	24.1
2650	172	85	38	95.4	71.8	3190	124	51	27	41.8	36.2	3730	112	44	23	32.4	29.2	4270	94	35	11	21.0	24.1
2660	171	85	37	94.0	70.1	3200	124	51	27	41.9	37.8	3740	112	43	23	32.0	29.5	4280	94	35	11	21.0	24.6
2670	170	84	36	93.4	72.4	3210	123	50	27	41.5	37.8	3750	110	43	23	30.9	29.5	4290	94	34	11	21.0	27.9
2680	170	83	36	92.4	74.8	3220	122	50	27	40.7	37.8	3760	110	42	23	31.4	29.5	4300	93	34	10	20.7	27.9
2690	169	82	35	91.2	64.8	3230	122	50	27	40.2	37.5	3770	110	42	22	31.0	35.5	4310	93	34	10	20.1	27.9

資料 3.68　流出量・降雨量および水路水位

DISCHARGE & R.I., 9 -6 -3, 521206, 4 -1 0 AREA=628.M**2 QMAX=162.7MM/H 9 -6 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
4320	93	34	9	20.3	27.9	4860	68	21	-11	8.6	0.												
4330	92	33	9	20.2	27.9	4870	67	20	-11	8.3	0.												
4340	92	33	9	20.0	28.2	4880	66	20	-11	8.0	0.												
4350	92	33	8	19.9	29.7	4890	66	19	-12	7.8	0.												
4360	92	32	8	19.9	29.8	4900	65	20	-12	7.5	0.												
4370	92	33	8	20.0	30.4	4910	64	19	-12	7.3	0.												
4380	91	33	8	19.6	30.6	4920	64	19	-13	7.1	0.												
4390	91	32	8	19.3	30.0	4930	63	19	-13	7.1	0.												
4400	91	32	7	19.2	27.6	4940	62	19	-13	7.0	0.												
4410	90	32	6	19.1	27.6	4950	62	18	-14	6.7	0.												
4420	90	32	6	19.2	26.3	4960	62	18	-14	7.0	0.												
4430	90	32	6	19.0	26.3	4970	61	18	-14	6.8	0.												
4440	90	32	6	18.8	26.3	4980	60	18	-14	6.5	0.												
4450	90	32	7	18.8	26.3	4990	60	18	-14	6.4	0.												
4460	90	32	6	18.8	17.4	5000	60	18	-14	6.2	0.												
4470	89	31	7	18.1	17.4	5010	59	18	-15	6.2	0.												
4480	89	31	6	18.1	17.4	5020	59	17	-15	6.1	0.												
4490	88	31	6	17.9	9.4	5030	58	17	-15	5.8	0.												
4500	88	31	4	17.8	0.	5040	58	16	-15	5.7	0.												
4510	88	31	4	17.6	0.	5050	58	17	-15	5.5	0.												
4520	88	31	4	17.8	0.	5060	57	17	-16	5.2	0.												
4530	87	30	4	17.7	0.	5070	56	16	-16	5.4	0.												
4540	87	31	3	17.3	0.	5080	55	16	-16	5.0	0.												
4550	87	31	2	16.8	0.	5090	55	17	-16	5.2	0.												
4560	87	30	2	17.0	0.	5100	55	16	-16	5.2	0.												
4570	86	30	2	16.7	0.	5110	55	16	-16	5.2	0.												
4580	85	29	1	15.8	0.	5120	55	16	-17	5.3	0.												
4590	85	29	1	15.5	0.	5130	54	16	-17	4.9	0.												
4600	84	29	0	15.3	0.	5140	53	15	-17	4.8	0.												
4610	84	29	0	15.4	0.	5150	53	16	-17	4.7	0.												
4620	83	28	0	14.6	0.	5160	53	15	-17	4.8	0.												
4630	82	28	-1	14.3	0.	5170	53	15	-17	5.0	0.												
4640	82	27	-1	14.1	0.	5180	52	15	-18	4.4	0.												
4650	81	27	-2	13.7	0.	5190	52	15	-18	4.3	0.												
4660	80	26	-3	13.4	0.	5200	52	16	-18	4.6	0.												
4670	80	26	-3	13.2	0.	5210	51	15	-18	4.4	0.												
4680	79	26	-3	13.1	0.	5220	51	15	-18	4.4	0.												
4690	78	26	-4	12.7	0.	5230	51	15	-18	3.9	0.												
4700	78	25	-4	12.3	0.	5240	51	15	-18	4.4	0.												
4710	78	25	-5	12.7	0.	5250	51	15	-18	4.3	0.												
4720	77	25	-5	12.1	0.	5260	50	15	-18	3.9	0.												
4730	76	25	-6	11.8	0.	5270	50	15	-19	3.7	0.												
4740	76	25	-6	11.7	0.	5280	50	15	-19	3.9	0.												
4750	75	24	-6	11.6	0.	5290	49	15	-18	4.1	0.												
4760	75	24	-7	11.4	0.	5300	49	15	-19	4.0	0.												
4770	74	24	-7	10.6	0.	5310	49	14	-19	3.7	0.												
4780	74	24	-8	10.9	0.	5320	49	14	-19	3.8	0.												
4790	73	24	-8	10.0	0.	5330	49	15	-19	4.0	0.												
4800	71	22	-9	9.3	0.	5340	48	15	-19	3.7	0.												
4810	71	22	-9	8.9	0.	5350	48	15	-19	3.6	0.												
4820	70	22	-10	9.0	0.	5360	48	15	-19	4.1	0.												
4830	69	21	-10	9.3	0.																		
4840	68	21	-10	8.7	0.																		
4850	68	21	-10	8.8	0.																		

資料 3.69　流出量・降雨量および水路水位

DISCHARGE & R.I.　9 -7 -3,　521206,　4　-2　0 AREA=628.M**2　QMAX=156.8MM/H　9 -7 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	39	10	-24	2.5	14.0	540	65	23	0	11.0	26.5	1080	97	35	18	23.2	26.6	1620	106	40	23	29.3	51.5
10	38	10	-24	2.1	14.0	550	66	23	0	11.2	26.5	1090	97	35	18	23.3	25.4	1630	106	40	23	29.2	50.1
20	38	9	-24	2.0	14.0	560	66	23	0	11.5	26.5	1100	97	36	18	23.8	25.4	1640	106	40	22	29.6	48.7
30	38	9	-24	2.1	14.0	570	68	23	1	11.9	26.5	1110	96	36	18	23.2	25.4	1650	106	40	23	29.6	48.7
40	38	9	-24	2.2	14.0	580	69	24	2	12.2	23.3	1120	97	36	17	23.5	25.4	1660	106	40	22	29.5	42.9
50	38	9	-24	2.0	14.0	590	71	24	3	12.9	23.3	1130	98	35	17	23.9	24.5	1670	106	40	22	29.8	37.1
60	38	10	-24	2.0	14.0	600	71	26	4	13.0	24.5	1140	98	35	17	24.2	24.7	1680	106	40	22	29.6	37.1
70	38	10	-24	1.8	14.0	610	72	26	5	13.3	26.3	1150	98	36	17	24.4	26.4	1690	106	40	22	29.5	35.5
80	37	9	-24	2.1	14.0	620	73	26	5	13.7	26.3	1160	98	36	16	24.1	26.4	1700	107	40	22	30.5	29.0
90	37	10	-24	1.9	14.0	630	75	26	6	14.6	26.3	1170	98	36	17	24.2	26.4	1710	107	40	22	30.1	29.0
100	37	10	-24	1.7	14.0	640	76	27	8	15.0	26.3	1180	99	36	17	25.0	26.4	1720	107	40	23	30.3	27.2
110	37	10	-24	1.9	14.0	650	77	27	8	15.7	26.3	1190	99	36	17	25.1	26.4	1730	107	40	23	29.7	28.3
120	37	9	-24	1.9	14.0	660	79	28	9	16.1	27.0	1200	99	37	19	25.4	26.4	1740	107	40	23	30.2	29.5
130	36	9	-24	2.1	14.0	670	80	29	10	16.6	30.8	1210	100	37	19	25.3	29.5	1750	106	40	23	29.3	29.5
140	36	9	-23	1.8	16.9	680	81	29	10	17.0	30.8	1220	100	36	18	25.7	32.5	1760	106	41	23	29.2	29.5
150	36	9	-23	1.9	19.8	690	82	30	9	17.3	30.8	1230	100	37	19	25.9	31.5	1770	107	40	23	29.2	29.5
160	37	10	-23	2.2	19.8	700	83	30	10	17.6	30.8	1240	100	37	19	25.3	30.5	1780	107	40	23	29.5	29.5
170	36	9	-22	2.1	19.8	710	84	30	10	18.2	30.8	1250	100	36	19	25.4	29.1	1790	107	40	23	29.9	32.6
180	36	9	-22	2.2	19.8	720	85	31	11	18.8	31.4	1260	101	37	19	26.2	20.7	1800	105	40	22	28.4	41.0
190	36	9	-21	2.1	19.8	730	86	31	11	18.8	37.0	1270	101	37	19	26.0	20.7	1810	105	41	22	28.5	42.7
200	36	9	-20	2.2	19.8	740	86	31	11	18.9	37.0	1280	101	37	18	26.4	20.7	1820	105	41	22	28.0	42.7
210	37	10	-20	2.5	19.8	750	88	32	12	19.5	37.0	1290	101	37	19	26.1	20.7	1830	105	41	22	29.0	36.2
220	37	10	-19	2.6	18.4	760	88	32	12	19.3	37.0	1300	101	38	20	26.1	20.7	1840	106	40	22	29.6	34.6
230	37	10	-19	2.8	18.9	770	89	32	13	20.0	37.8	1310	102	37	20	27.2	20.7	1850	106	40	22	29.6	34.6
240	37	10	-19	2.7	20.9	780	89	33	12	19.8	37.8	1320	101	37	21	26.2	20.7	1860	106	41	22	29.6	34.6
250	38	10	-18	2.9	22.4	790	89	33	13	20.1	37.8	1330	101	38	21	25.9	22.0	1870	107	41	22	30.3	34.6
260	38	11	-17	3.1	22.4	800	90	33	12	20.5	37.9	1340	101	37	20	25.9	23.3	1880	106	41	22	29.9	34.6
270	38	12	-17	3.1	22.4	810	90	33	13	20.6	38.2	1350	101	37	21	25.7	25.6	1890	107	41	23	30.4	33.6
280	39	11	-16	3.4	22.4	820	91	33	13	21.1	38.9	1360	101	37	21	25.7	26.5	1900	107	42	23	30.6	33.5
290	39	11	-15	3.4	22.4	830	92	33	13	21.1	39.5	1370	101	38	22	26.2	26.5	1910	107	42	23	30.9	33.5
300	40	12	-15	3.8	22.4	840	93	34	13	21.8	42.0	1380	101	38	22	26.2	26.5	1920	108	42	23	31.3	33.5
310	41	13	-14	4.1	25.3	850	93	34	14	21.5	44.5	1390	101	37	22	25.9	26.5	1930	108	43	23	31.5	33.5
320	41	14	-14	4.2	25.5	860	93	34	14	21.3	44.5	1400	101	38	22	26.5	29.7	1940	109	42	24	32.1	33.7
330	42	14	-13	4.7	25.5	870	93	34	15	21.5	46.2	1410	102	38	22	27.0	29.1	1950	109	43	24	32.3	35.3
340	43	14	-12	4.7	25.5	880	93	35	15	21.8	45.2	1420	102	38	22	27.1	29.0	1960	109	43	24	32.3	35.3
350	44	15	-12	4.8	25.5	890	93	34	15	21.5	45.0	1430	102	38	22	27.3	29.0	1970	110	43	24	33.0	35.3
360	45	15	-11	5.1	25.5	900	94	34	15	21.8	45.0	1440	102	38	22	27.2	29.0	1980	110	44	24	33.0	35.3
370	46	15	-10	5.3	24.5	910	95	34	14	22.5	40.0	1450	102	38	22	27.2	29.0	1990	111	44	24	33.7	35.3
380	46	15	-9	5.4	23.5	920	94	34	14	21.9	37.6	1460	103	38	22	27.2	29.0	2000	111	44	24	33.9	33.7
390	47	16	-9	5.6	30.6	930	94	35	15	22.3	36.4	1470	103	38	22	27.3	30.0	2010	112	44	24	34.3	33.7
400	49	16	-9	6.4	30.6	940	95	35	15	22.3	36.4	1480	103	38	22	27.3	32.8	2020	113	45	25	35.0	33.7
410	49	17	-8	6.7	30.6	950	95	35	15	22.5	36.4	1490	102	39	22	27.0	31.7	2030	113	45	25	35.2	33.7
420	51	17	-7	6.9	30.6	960	96	35	16	22.9	35.8	1500	103	38	22	27.5	34.7	2040	113	45	25	35.2	33.7
430	52	17	-6	7.5	30.6	970	96	35	15	22.7	38.3	1510	103	39	23	27.6	34.7	2050	114	45	25	35.2	33.0
440	53	18	-6	7.6	30.6	980	95	35	15	22.6	38.3	1520	103	39	23	28.3	31.4	2060	114	46	25	35.3	33.3
450	54	18	-6	7.7	30.7	990	95	34	15	22.3	38.3	1530	104	40	23	28.6	31.4	2070	114	46	25	35.7	33.3
460	56	19	-5	7.9	32.4	1000	95	35	16	22.4	38.3	1540	104	40	23	28.9	31.4	2080	114	46	25	35.3	33.3
470	56	20	-5	7.9	29.8	1010	96	35	17	23.0	33.2	1550	105	39	23	29.1	31.4	2090	115	46	25	36.1	34.2
480	57	19	-4	8.6	27.3	1020	96	35	18	22.9	31.1	1560	105	39	23	29.4	31.4	2100	115	46	25	36.2	35.0
490	58	20	-4	8.7	27.3	1030	96	35	18	23.2	31.5	1570	105	39	23	29.4	35.9	2110	115	46	25	36.7	35.7
500	59	20	-3	9.3	27.3	1040	97	35	18	23.5	31.5	1580	105	39	23	29.1	47.3	2120	115	46	25	36.4	36.3
510	61	20	-2	9.7	27.3	1050	96	35	18	23.2	31.5	1590	106	40	23	29.3	49.4	2130	116	46	26	37.4	36.3
520	62	21	-1	10.2	27.1	1060	96	35	17	23.0	27.9	1600	106	40	23	29.6	51.5	2140	116	47	26	37.4	36.3
530	63	22	-1	10.4	26.5	1070	97	35	17	23.3	27.9	1610	106	40	23	29.5	51.5	2150	116	47	26	37.5	36.3

資料 3.70　流出量・降雨量および水路水位

DISCHARGE & R.I.　9 -7 -3,　521206,　4　-2　0 AREA=628.M**2　QMAX=156.8MM/H　　9 -7 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	117	47	26	37.6	37.3	2700	135	59	30	53.6	50.1	3240	156	73	34	76.5	87.9	3780	170	79	34	87.2	68.3
2170	117	47	26	38.1	42.3	2710	135	59	30	53.8	57.6	3250	156	73	34	76.8	83.3	3790	167	76	32	83.1	63.3
2180	118	47	26	38.7	45.4	2720	135	59	30	53.6	65.1	3260	156	73	34	77.0	78.3	3800	163	72	32	78.2	50.3
2190	118	48	26	38.7	45.4	2730	135	59	30	53.5	57.0	3270	156	73	35	77.0	81.1	3810	159	70	31	74.1	47.3
2200	118	48	26	38.9	44.8	2740	136	59	30	54.1	49.0	3280	156	73	35	77.0	81.1	3820	155	67	30	69.5	50.7
2210	119	48	26	39.3	44.1	2750	136	59	30	54.7	49.9	3290	156	73	35	77.4	119.1	3830	152	65	30	66.0	56.7
2220	119	49	26	39.7	44.6	2760	136	60	30	54.4	53.0	3300	157	73	35	78.2	130.0	3840	150	63	29	62.8	56.7
2230	119	48	27	39.6	44.6	2770	136	60	30	54.9	54.2	3310	157	75	35	79.0	139.6	3850	148	61	28	61.1	42.5
2240	120	48	27	40.1	47.1	2780	137	60	31	55.5	59.0	3320	159	75	35	81.0	143.2	3860	144	59	28	56.7	39.6
2250	120	49	27	40.0	48.5	2790	137	60	31	56.3	57.8	3330	159	75	36	81.7	117.5	3870	141	57	27	54.3	39.6
2260	120	49	27	40.1	48.6	2800	138	60	31	56.8	57.5	3340	160	76	37	82.5	106.7	3880	139	56	27	51.5	40.9
2270	121	49	27	41.1	45.4	2810	139	60	30	57.7	56.3	3350	160	77	37	82.8	142.9	3890	136	55	26	49.3	46.0
2280	121	50	27	41.3	42.1	2820	139	61	31	58.0	58.1	3360	161	78	37	84.5	122.9	3900	133	54	26	46.9	46.0
2290	121	50	27	41.7	42.1	2830	140	61	31	58.4	58.6	3370	162	79	38	86.7	125.2	3910	131	53	26	44.8	32.5
2300	122	50	27	42.3	42.1	2840	140	61	31	58.5	59.9	3380	163	81	39	87.5	144.5	3920	129	52	25	43.8	25.7
2310	123	50	27	42.8	42.4	2850	140	61	31	57.8	55.6	3390	165	84	40	90.7	161.5	3930	127	51	25	42.2	8.6
2320	123	50	27	42.9	43.8	2860	140	61	31	57.8	55.6	3400	168	86	41	96.3	166.2	3940	125	49	25	41.1	8.6
2330	123	50	27	43.0	43.3	2870	141	61	31	59.5	55.6	3410	169	89	43	98.6	166.9	3950	123	48	25	39.5	8.6
2340	123	50	27	42.9	43.3	2880	139	61	30	57.6	62.4	3420	172	90	44	103.0	158.0	3960	123	48	25	39.5	8.6
2350	124	51	27	43.7	43.3	2890	140	62	30	58.2	65.8	3430	176	94	44	108.9	148.0	3970	122	47	24	39.4	8.6
2360	124	51	27	43.6	42.6	2900	140	62	31	58.4	65.8	3440	180	97	44	114.6	138.0	3980	120	46	24	37.2	0.
2370	124	51	27	43.3	42.6	2910	141	62	30	59.7	61.8	3450	183	99	44	119.0	148.0	3990	119	45	23	36.1	0.
2380	124	51	27	43.3	42.6	2920	141	62	31	60.2	61.8	3460	187	101	44	124.7	138.0	4000	118	44	23	34.9	0.
2390	124	51	27	43.4	42.6	2930	142	63	31	60.9	60.9	3470	190	103	44	129.1	148.0	4010	116	43	22	33.8	0.
2400	123	51	27	42.6	44.5	2940	142	63	31	61.3	60.0	3480	192	105	44	132.8	158.0	4020	114	43	22	32.6	0.
2410	124	52	27	43.3	45.6	2950	143	64	32	61.9	60.0	3490	195	106	44	137.0	144.9	4030	112	42	21	31.1	0.
2420	125	51	27	43.9	45.6	2960	144	64	32	62.8	60.0	3500	197	108	44	139.8	138.0	4040	111	41	21	30.4	0.
2430	125	51	27	44.2	45.6	2970	144	64	32	62.2	60.0	3510	199	112	45	142.4	141.1	4050	110	41	20	29.8	0.
2440	124	52	27	43.4	46.9	2980	145	65	32	63.5	60.0	3520	202	113	44	148.9	173.1	4060	109	40	18	29.3	0.
2450	125	52	27	43.9	46.9	2990	145	65	32	63.0	60.0	3530	203	113	45	150.4	157.8	4070	107	39	16	27.9	0.
2460	125	52	27	44.2	46.9	3000	143	64	31	61.2	60.0	3540	203	113	45	149.9	132.2	4080	106	38	13	27.2	0.
2470	125	52	28	44.5	46.9	3010	144	64	31	62.5	60.0	3550	204	113	45	149.9	123.9	4090	105	38	11	26.0	0.
2480	125	52	28	44.7	48.3	3020	144	64	31	62.1	60.7	3560	205	114	47	151.5	117.7	4100	104	37	11	26.0	0.
2490	126	53	28	45.8	50.2	3030	143	64	32	62.0	60.7	3570	205	114	47	152.6	185.3	4110	103	36	9	25.2	0.
2500	127	53	28	46.5	52.1	3040	145	65	32	63.6	60.9	3580	206	115	47	154.6	210.0	4120	101	36	9	24.4	0.
2510	127	53	28	46.4	51.8	3050	145	65	32	64.1	65.1	3590	207	115	47	155.8	143.0	4130	101	35	8	24.4	0.
2520	127	53	28	46.6	51.7	3060	145	65	32	64.5	77.1	3600	207	118	48	156.0	128.3	4140	100	35	7	23.6	0.
2530	128	54	28	47.5	54.5	3070	146	66	32	65.7	75.5	3610	208	120	48	157.5	136.5	4150	99	34	5	22.8	0.
2540	128	54	28	47.5	52.7	3080	146	66	32	65.1	68.0	3620	210	120	48	161.1	135.7	4160	98	33	2	22.1	0.
2550	129	55	29	48.0	56.4	3090	146	66	33	65.8	68.0	3630	208	119	47	156.8	133.5	4170	98	33	1	21.6	0.
2560	129	55	29	48.3	49.8	3100	148	67	33	67.9	82.9	3640	208	117	46	156.0	48.6	4180	96	32	0	20.3	0.
2570	129	55	29	48.7	49.8	3110	149	68	33	68.6	97.7	3650	208	117	46	155.4	36.4	4190	95	32	0	20.1	0.
2580	130	55	29	49.0	44.8	3120	149	68	32	69.5	88.0	3660	207	115	45	152.4	24.2	4200	93	31	-1	18.7	0.
2590	130	56	29	49.5	44.8	3130	150	68	32	69.7	85.5	3670	205	113	44	149.1	24.2	4210	92	31	-2	18.3	0.
2600	132	56	29	51.0	46.7	3140	150	69	32	69.7	77.4	3680	205	111	44	147.9	24.2	4220	91	30	-3	17.5	0.
2610	132	57	29	50.9	48.9	3150	151	70	34	71.4	76.3	3690	203	108	43	143.0	24.2	4230	90	29	-3	16.7	0.
2620	132	57	29	51.5	54.3	3160	152	71	34	72.7	76.3	3700	201	106	41	138.5	24.2	4240	89	29	-4	16.9	0.
2630	133	57	30	51.5	54.3	3170	152	72	34	73.5	89.0	3710	197	102	41	130.5	30.5	4250	87	28	-5	15.6	0.
2640	133	58	30	51.7	54.3	3180	153	71	34	73.7	84.0	3720	195	99	39	125.5	30.5	4260	85	27	-5	14.5	0.
2650	134	58	30	52.5	49.3	3190	154	73	35	74.9	74.6	3730	190	95	37	117.5	30.5	4270	85	27	-6	14.1	0.
2660	134	58	30	52.6	49.3	3200	154	73	35	75.2	72.6	3740	187	91	36	111.9	41.9	4280	84	26	-7	14.5	0.
2670	134	58	30	53.1	48.2	3210	155	73	34	75.8	72.6	3750	182	88	36	103.7	53.3	4290	82	26	-7	13.7	0.
2680	134	59	30	52.8	47.5	3220	156	72	34	76.8	80.7	3760	178	85	35	98.2	93.3	4300	81	25	-8	12.7	0.
2690	135	58	30	53.8	50.1	3230	155	72	34	76.1	88.7	3770	174	82	34	92.3	73.3	4310	80	25	-8	12.7	0.

資料 3.71　流出量・降雨量および水路水位

DISCHARGE & R.I.,　9 -7 -3,　521206,　4　-2　0 AREA=628.M**2　QMAX=156.8MM/H　　9　-7　-3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
4320	79	24	-9	12.0	0.																		
4330	78	24	-10	11.9	0.																		
4340	78	24	-10	11.7	0.																		
4350	76	23	-10	11.1	0.																		
4360	75	23	-11	10.8	0.																		
4370	74	23	-11	10.3	0.																		
4380	73	22	-12	10.4	0.																		
4390	72	21	-12	10.0	0.																		
4400	72	21	-12	10.1	0.																		
4410	71	21	-13	9.7	0.																		
4420	71	20	-13	9.6	0.																		
4430	71	20	-13	9.4	0.																		
4440	69	20	-13	8.9	0.																		
4450	68	20	-14	8.5	0.																		
4460	67	20	-14	8.0	0.																		
4470	67	19	-14	8.1	0.																		
4480	66	20	-14	8.0	0.																		
4490	66	20	-15	8.1	0.																		
4500	65	19	-15	7.8	0.																		
4510	64	19	-15	7.5	0.																		
4520	64	19	-16	7.6	0.																		
4530	63	18	-16	7.3	0.																		
4540	63	19	-16	7.3	0.																		
4550	63	19	-16	7.0	0.																		
4560	62	18	-16	7.0	0.																		
4570	62	18	-16	6.8	0.																		
4580	61	18	-16	6.4	0.																		
4590	60	18	-17	6.2	0.																		
4600	60	17	-17	6.1	0.																		
4610	59	17	-17	6.2	0.																		
4620	59	17	-18	6.3	0.																		
4630	58	17	-18	6.0	0.																		
4640	58	17	-18	6.0	0.																		
4650	58	16	-18	6.3	0.																		
4660	57	17	-18	6.0	0.																		
4670	57	16	-19	5.8	0.																		
4680	57	17	-19	5.8	0.																		
4690	57	16	-19	6.3	0.																		

資料 3.72　流出量・降雨量および水路水位

DISCHARGE & R.I. 10 -2 -3, 530601, 1 -20 0 AREA=636.M**2 QMAX= 18.3MM/H 10 -2 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	9	10	0.9	11.7	540	64	26	38	10.1	24.5	1080	88	36	45	18.4	21.8	1620	88	36	46	18.3	16.5
10	26	9	10	0.9	11.7	550	65	27	38	10.2	24.5	1090	-	-	-	-	21.8	1630	-	-	-	-	16.5
20	26	9	10	0.9	11.7	560	66	28	39	10.5	24.5	1100	-	-	-	-	21.8	1680	88	36	44	18.1	0.
30	26	9	10	0.9	11.7	570	67	28	39	11.0	24.5	1110	-	-	-	-	22.5	1740	87	34	39	16.8	0.
40	26	9	10	0.9	11.7	580	68	28	39	11.4	24.3	1120	-	-	-	-	25.3	1800	83	32	35	14.6	0.
50	26	9	11	0.9	11.7	590	69	28	40	11.7	23.6	1130	-	-	-	-	25.3	1860	79	29	32	12.6	0.
60	26	9	11	0.9	11.7	600	70	29	41	11.8	23.6	1140	88	36	46	18.3	25.3	1920	75	28	29	11.2	0.
70	26	9	12	0.9	11.7	610	70	29	42	12.0	24.0	1150	-	-	-	-	27.5	1980	71	26	27	9.7	0.
80	26	10	12	0.9	11.7	620	72	29	42	12.5	25.6	1160	-	-	-	-	29.0	2040	68	24	25	8.5	0.
90	26	10	12	1.1	11.7	630	72	29	42	12.6	25.6	1170	-	-	-	-	27.8	2100	65	23	24	7.6	0.
100	26	10	13	1.2	11.7	640	73	30	43	13.1	25.6	1180	-	-	-	-	27.8	2160	62	22	22	6.7	0.
110	26	10	13	1.2	11.7	650	74	30	44	13.1	25.4	1190	-	-	-	-	27.8	2220	59	20	22	6.0	0.
120	26	10	14	1.4	12.4	660	74	31	44	13.3	24.9	1200	88	36	46	18.3	25.4	2280	57	19	21	5.5	0.
130	27	10	14	1.5	15.2	670	75	31	44	13.6	23.0	1210	-	-	-	-	24.8	2340	54	19	20	4.9	0.
140	27	10	16	1.6	15.2	680	76	31	44	14.1	23.0	1220	-	-	-	-	27.2	2400	53	18	19	4.6	0.
150	27	11	16	1.6	19.7	690	77	32	44	14.3	23.0	1230	-	-	-	-	28.3	2460	50	17	19	4.0	0.
160	27	11	17	1.6	22.8	700	77	32	44	14.4	23.0	1240	-	-	-	-	28.3	2520	49	17	17	3.7	0.
170	28	11	18	1.8	22.8	710	78	33	44	14.7	23.0	1250	-	-	-	-	28.3	2580	47	16	17	3.4	0.
180	28	11	19	1.9	22.8	720	79	33	45	14.9	23.8	1260	88	36	46	18.3	25.5	2640	46	16	16	3.6	0.
190	29	11	19	2.1	23.2	730	79	34	45	15.3	26.3	1270	-	-	-	-	23.8						
200	29	12	20	2.1	23.6	740	80	34	45	15.3	26.3	1280	-	-	-	-	23.8						
210	30	13	21	2.2	22.2	750	80	34	45	15.5	26.3	1290	-	-	-	-	23.8						
220	30	13	21	2.4	22.2	760	81	34	45	16.0	26.3	1300	-	-	-	-	23.8						
230	31	13	22	2.5	22.2	770	82	34	45	16.4	26.8	1310	-	-	-	-	25.1						
240	31	14	22	2.7	22.2	780	82	34	46	16.5	23.7	1320	88	36	46	18.3	28.1						
250	32	14	24	2.9	23.1	790	83	34	47	16.5	24.1	1330	-	-	-	-	28.1						
260	33	15	24	3.1	23.8	800	84	34	46	17.0	24.1	1340	-	-	-	-	28.1						
270	34	15	25	3.4	23.4	810	84	34	46	16.8	24.1	1350	-	-	-	-	24.4						
280	35	15	25	3.9	23.4	820	84	35	46	16.9	24.1	1360	-	-	-	-	21.8						
290	36	16	26	4.0	23.4	830	85	35	47	17.0	23.9	1370	-	-	-	-	21.8						
300	37	16	26	4.0	24.3	840	85	35	46	17.2	23.5	1380	88	36	46	18.3	21.8						
310	39	17	26	4.3	24.8	850	85	35	45	17.0	23.5	1390	-	-	-	-	21.8						
320	39	17	27	4.2	24.8	860	85	35	45	17.3	23.3	1400	-	-	-	-	21.8						
330	40	17	27	4.7	24.8	870	86	35	45	17.5	23.3	1410	-	-	-	-	23.1						
340	41	17	28	4.6	22.6	880	86	35	46	17.5	23.3	1420	-	-	-	-	24.3						
350	41	18	29	4.8	20.2	890	86	35	46	17.6	24.6	1430	-	-	-	-	25.1						
360	44	18	29	5.4	20.2	900	86	35	46	17.4	24.9	1440	88	36	46	18.3	25.1						
370	45	19	29	5.9	20.2	910	86	35	46	17.6	24.9	1450	-	-	-	-	25.1						
380	46	19	30	6.1	20.2	920	86	35	46	17.4	24.9	1460	-	-	-	-	23.7						
390	47	19	31	6.0	20.2	930	86	35	47	17.4	25.3	1470	-	-	-	-	22.7						
400	49	20	32	6.7	20.6	940	87	35	47	17.8	24.9	1480	-	-	-	-	22.7						
410	49	21	32	6.8	21.1	950	87	35	46	17.8	24.6	1490	-	-	-	-	22.7						
420	51	21	33	7.1	21.1	960	87	35	46	18.0	24.6	1500	88	36	46	18.3	23.6						
430	53	22	34	7.3	21.1	970	87	35	46	18.1	24.6	1510	-	-	-	-	19.4						
440	54	23	34	8.0	21.1	980	87	35	46	18.1	24.6	1520	-	-	-	-	20.4						
450	55	24	35	7.9	21.1	990	88	35	46	18.4	24.6	1530	-	-	-	-	21.5						
460	56	24	35	7.9	18.8	1000	88	35	46	18.2	23.7	1540	-	-	-	-	21.5						
470	58	24	35	8.4	18.8	1010	88	35	46	18.2	23.7	1550	-	-	-	-	21.5						
480	58	24	36	8.7	18.8	1020	88	35	46	18.0	23.7	1560	88	36	46	18.3	20.8						
490	59	25	36	9.0	19.3	1030	88	36	46	18.0	23.7	1570	-	-	-	-	17.8						
500	60	25	36	8.8	22.1	1040	88	36	46	18.2	23.7	1580	-	-	-	-	16.5						
510	62	25	36	9.4	23.3	1050	88	36	46	18.2	22.8	1590	-	-	-	-	16.5						
520	63	25	36	9.6	23.6	1060	88	36	45	18.1	21.9	1600	-	-	-	-	16.5						
530	63	26	37	9.7	24.5	1070	88	36	45	18.4	21.9	1610	-	-	-	-	16.5						

資料 3.73　流出量・降雨量および水路水位

DISCHARGE & R.I.,　10 -3 -3,　530601,　1 -50　0 AREA=636.M**2　QMAX= 48.5MM/H　　10 -3 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	10	9	1.1	21.1	540	123	58	67	43.5	42.6	1080	131	62	67	48.5	39.5	2580	46	16	15	3.3	0.
10	28	10	9	1.1	21.1	550	124	59	67	43.2	42.6	1090	-	-	-	-	43.6	2640	45	15	14	3.6	0.
20	28	10	10	1.1	21.1	560	124	60	67	43.6	44.6	1100	-	-	-	-	43.6						
30	28	10	10	1.1	21.1	570	125	60	67	43.9	45.6	1110	-	-	-	-	43.6						
40	28	10	11	1.1	21.1	580	125	61	67	44.1	46.1	1120	-	-	-	-	44.0						
50	28	10	12	1.1	21.1	590	126	61	67	45.1	46.1	1130	-	-	-	-	40.4						
60	28	10	13	1.1	21.1	600	126	61	67	45.4	45.1	1140	131	62	67	48.5	40.4						
70	28	11	14	1.2	21.9	610	127	61	67	45.6	44.3	1150	-	-	-	-	40.4						
80	28	11	15	1.5	27.4	620	128	61	67	46.3	44.3	1160	-	-	-	-	40.9						
90	28	11	17	1.6	27.4	630	128	61	67	46.2	44.3	1170	-	-	-	-	43.0						
100	28	12	19	1.9	27.4	640	128	61	67	46.2	43.7	1180	-	-	-	-	43.1						
110	29	12	21	2.3	27.4	650	128	61	67	46.3	43.0	1190	-	-	-	-	43.4						
120	30	13	23	2.8	28.2	660	128	61	67	46.5	43.3	1200	131	62	67	48.5	42.1						
130	30	14	26	3.1	30.2	670	-	-	-	-	40.6	1210	-	-	-	-	40.8						
140	31	15	28	3.4	30.6	680	-	-	-	-	39.4	1220	-	-	-	-	40.8						
150	33	16	31	3.8	30.6	690	-	-	-	-	39.4	1230	-	-	-	-	40.8						
160	34	17	33	4.5	30.2	700	-	-	-	-	39.4	1240	-	-	-	-	40.9						
170	35	18	36	5.0	29.3	710	-	-	-	-	39.2	1250	-	-	-	-	41.8						
180	37	20	38	5.5	28.4	720	129	62	67	47.1	39.3	1260	131	62	67	48.5	41.8						
190	39	21	40	6.5	28.0	730	-	-	-	-	39.7	1270	-	-	-	-	41.1						
200	41	23	42	7.2	28.0	740	-	-	-	-	41.3	1280	-	-	-	-	40.0						
210	44	24	44	8.1	28.5	750	-	-	-	-	41.1	1290	-	-	-	-	41.1						
220	47	26	46	8.8	28.6	760	-	-	-	-	40.9	1300	-	-	-	-	40.6						
230	50	27	47	9.9	28.7	770	-	-	-	-	41.3	1310	-	-	-	-	40.6						
240	52	29	50	10.8	29.2	780	130	62	67	47.8	41.3	1320	131	62	67	48.5	40.5						
250	55	30	51	11.7	29.1	790	-	-	-	-	41.1	1330	-	-	-	-	40.2						
260	59	31	53	12.9	28.9	800	-	-	-	-	40.7	1340	-	-	-	-	40.2						
270	63	32	54	14.2	28.9	810	-	-	-	-	40.3	1350	-	-	-	-	25.3						
280	66	34	56	15.5	28.9	820	-	-	-	-	39.6	1360	-	-	-	-	23.2						
290	69	35	57	16.3	26.5	830	-	-	-	-	38.8	1370	-	-	-	-	22.9						
300	73	36	59	17.5	24.4	840	131	62	67	48.6	36.1	1380	131	62	67	48.2	22.9						
310	76	37	60	18.6	24.4	850	-	-	-	-	36.1	1390	-	-	-	-	22.9						
320	79	38	62	19.7	24.4	860	-	-	-	-	36.1	1400	-	-	-	-	7.9						
330	82	40	62	20.7	30.5	870	-	-	-	-	36.1	1410	-	-	-	-	7.9						
340	85	41	63	22.2	36.5	880	-	-	-	-	36.9	1420	-	-	-	-	7.9						
350	88	42	63	23.4	38.8	890	-	-	-	-	41.7	1440	129	60	66	46.2	0.						
360	91	43	64	24.8	39.7	900	131	62	67	48.5	44.3	1500	126	56	64	42.7	0.						
370	94	44	64	26.2	39.7	910	-	-	-	-	44.3	1560	120	51	61	36.7	0.						
380	96	45	65	27.5	39.7	920	-	-	-	-	44.1	1620	111	46	57	30.0	0.						
390	98	46	65	28.2	39.4	930	-	-	-	-	43.0	1680	104	43	48	25.6	0.						
400	101	47	65	29.5	38.0	940	-	-	-	-	43.1	1740	98	38	42	21.4	0.						
410	103	48	65	30.8	37.4	950	-	-	-	-	43.1	1800	90	34	34	17.3	0.						
420	105	49	66	31.7	37.4	960	131	62	67	48.5	44.0	1860	84	31	30	14.2	0.						
430	107	50	66	32.9	37.4	970	-	-	-	-	45.0	1920	78	28	28	12.0	0.						
440	109	52	67	33.8	37.4	980	-	-	-	-	45.2	1980	73	26	26	10.3	0.						
450	111	52	67	35.2	38.4	990	-	-	-	-	45.6	2040	69	24	24	8.8	0.						
460	112	53	67	35.6	40.1	1000	-	-	-	-	42.2	2100	65	23	23	7.7	0.						
470	114	53	67	37.1	42.5	1010	-	-	-	-	42.2	2160	62	22	21	6.9	0.						
480	115	54	67	38.1	41.8	1020	131	62	67	48.5	42.2	2220	59	20	20	6.0	0.						
490	117	56	67	39.4	41.6	1030	-	-	-	-	41.3	2280	57	19	19	5.4	0.						
500	118	56	67	40.5	42.0	1040	-	-	-	-	40.8	2340	54	18	18	4.8	0.						
510	120	57	67	41.5	39.7	1050	-	-	-	-	41.5	2400	52	18	17	4.3	0.						
520	121	57	67	42.5	39.7	1060	-	-	-	-	41.9	2460	50	17	16	4.0	0.						
530	123	58	67	43.2	39.7	1070	-	-	-	-	41.4	2520	48	17	16	3.6	0.						

資料 3.74　流出量・降雨量および水路水位

DISCHARGE & R.I, 10 -4 -3, 530601, 1-100 0 AREA=636.M**2 QMAX= 96.0MM/H 10 -4 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	15	6	5	0.3	51.3
10	15	6	5	0.4	51.3
20	15	6	5	0.4	51.3
30	16	6	6	0.5	51.3
40	16	6	7	0.7	51.3
50	16	6	9	0.9	64.5
60	16	7	11	1.0	75.9
70	17	7	15	1.5	85.6
80	17	8	18	2.0	112.4
90	18	9	23	2.5	82.7
100	20	11	26	3.2	79.7
110	21	12	31	3.8	81.4
120	23	13	36	4.8	91.5
130	25	15	42	5.8	96.8
140	28	19	47	6.9	101.7
150	32	21	51	8.2	96.9
160	36	23	54	9.9	93.3
170	40	26	57	11.6	96.6
180	45	30	60	13.0	97.0
190	51	33	62	15.1	95.3
200	57	35	63	17.6	97.4
210	63	37	64	19.9	105.1
220	69	40	65	22.5	105.6
230	77	44	67	25.0	95.9
240	84	47	67	28.9	94.0
250	92	50	68	32.0	96.2
260	96	54	70	34.4	98.2
270	104	57	71	38.2	95.4
280	109	61	72	40.6	95.1
290	115	64	72	45.2	94.3
300	120	66	72	47.9	99.3
310	124	68	73	51.2	107.5
320	130	71	73	55.2	107.5
330	133	74	73	58.0	105.8
340	137	76	73	61.4	99.1
350	141	78	74	64.4	101.8
360	143	80	74	66.8	101.8
370	147	82	74	70.9	100.0
380	150	84	75	73.8	98.3
390	152	86	75	75.4	98.2
400	155	88	75	78.8	97.6
410	158	89	75	81.0	91.6
420	159	91	75	83.1	93.6
430	162	91	75	85.9	101.4
440	163	93	75	86.0	94.4
450	164	93	75	88.0	92.3
460	166	94	75	88.9	95.3
470	167	94	75	90.3	96.6
480	167	95	75	91.5	102.4
490	168	95	75	91.7	102.3
500	169	95	75	92.4	99.5
510	170	96	75	94.3	100.4
520	170	96	75	93.7	101.1
530	170	96	75	93.7	98.1
540	172	96	75	95.9	96.5
550	-	-	-	-	92.8
560	-	-	-	-	95.5
570	-	-	-	-	101.4
580	-	-	-	-	97.0
590	-	-	-	-	97.2
600	172	96	75	96.2	109.5
610	-	-	-	-	107.9
620	-	-	-	-	94.7
630	-	-	-	-	86.7
640	-	-	-	-	92.7
650	-	-	-	-	87.9
660	172	96	75	96.1	85.5
670	-	-	-	-	64.7
680	-	-	-	-	64.9
690	-	-	-	-	36.4

資料 3.75　流出量・降雨量および水路水位

DISCHARGE & R.I.　10 -5 -3,　530601,　1=150　0 AREA=636.M**2　QMAX=136.3MM/H　　10 -5 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	30	8	8	1.3	60.4	540	198	123	83	136.6	139.8	1080	197	123	83	134.4	143.3	2580	45	14	12	3.0	0.
10	30	8	8	1.2	60.4	550	-	-	-	-	143.6	1090	-	-	-	-	154.5	2640	43	13	11	3.1	0.
20	30	8	9	1.3	60.4	560	-	-	-	-	141.1	1100	-	-	-	-	164.5						
30	30	8	10	1.5	60.4	570	-	-	-	-	145.7	1110	-	-	-	-	155.1						
40	30	9	13	2.0	67.2	580	-	-	-	-	147.4	1120	-	-	-	-	140.8						
50	30	10	17	2.5	88.6	590	-	-	-	-	145.5	1130	-	-	-	-	146.2						
60	31	11	24	3.3	105.4	600	199	123	83	138.8	153.9	1140	197	123	83	134.4	143.2						
70	32	14	31	4.5	124.8	610	-	-	-	-	149.0	1150	-	-	-	-	137.5						
80	34	16	42	5.7	172.6	620	-	-	-	-	142.1	1160	-	-	-	-	128.9						
90	36	19	50	7.3	168.5	630	-	-	-	-	161.5	1170	-	-	-	-	138.3						
100	40	21	52	9.3	160.6	640	-	-	-	-	155.3	1180	-	-	-	-	144.6						
110	43	22	59	11.6	165.2	650	-	-	-	-	147.4	1190	-	-	-	-	154.6						
120	48	27	63	14.1	170.6	660	199	123	83	138.4	144.9	1200	197	123	83	134.4	156.3						
130	54	32	68	16.2	188.6	670	-	-	-	-	150.0	1210	-	-	-	-	138.5						
140	61	36	69	20.5	200.0	680	-	-	-	-	160.7	1220	-	-	-	-	142.0						
150	69	40	69	24.0	192.4	690	-	-	-	-	151.0	1230	-	-	-	-	148.8						
160	74	44	70	26.8	184.2	700	-	-	-	-	149.0	1240	-	-	-	-	140.6						
170	86	49	72	32.2	176.7	710	-	-	-	-	148.7	1250	-	-	-	-	148.2						
180	94	54	73	36.8	155.0	720	198	123	83	136.3	150.7	1260	197	123	83	134.6	138.2						
190	103	60	75	42.7	154.9	730	-	-	-	-	149.4	1270	-	-	-	-	141.0						
200	111	67	77	47.5	166.8	740	-	-	-	-	137.3	1280	-	-	-	-	140.5						
210	119	69	77	52.8	179.3	750	-	-	-	-	129.8	1290	-	-	-	-	118.9						
220	127	76	78	58.9	170.7	760	-	-	-	-	128.2	1300	-	-	-	-	130.6						
230	135	81	79	65.1	157.1	770	-	-	-	-	141.1	1310	-	-	-	-	138.0						
240	141	84	80	70.6	149.2	780	198	123	83	136.5	138.8	1320	198	123	83	136.9	129.8						
250	148	87	81	76.6	149.1	790	-	-	-	-	150.4	1330	-	-	-	-	155.4						
260	153	90	82	81.6	152.2	800	-	-	-	-	135.2	1340	-	-	-	-	154.8						
270	158	94	82	86.7	150.0	810	-	-	-	-	131.6	1350	-	-	-	-	148.8						
280	163	100	83	93.0	137.9	820	-	-	-	-	136.3	1360	-	-	-	-	142.8						
290	168	103	83	98.5	129.7	830	-	-	-	-	140.7	1370	-	-	-	-	142.3						
300	172	105	82	104.4	139.1	840	198	123	83	136.5	147.3	1380	199	123	83	138.4	136.4						
310	176	109	82	108.5	147.6	850	-	-	-	-	140.2	1390	-	-	-	-	126.2						
320	178	112	82	111.2	143.8	860	-	-	-	-	128.4	1400	-	-	-	-	137.3						
330	184	114	83	118.8	131.2	870	-	-	-	-	119.5	1410	-	-	-	-	136.8						
340	186	114	82	121.1	126.6	880	-	-	-	-	134.3	1420	-	-	-	-	33.7						
350	189	116	82	125.6	128.8	890	-	-	-	-	129.1	1440	197	123	81	132.8	0.						
360	190	116	82	126.3	136.6	900	198	123	83	136.3	123.8	1500	189	108	72	117.3	0.						
370	192	118	82	128.0	138.0	910	-	-	-	-	131.3	1560	170	88	67	87.0	0.						
380	192	118	82	128.2	137.7	920	-	-	-	-	136.4	1620	149	71	63	61.4	0.						
390	193	120	83	130.3	141.2	930	-	-	-	-	157.3	1680	132	59	60	45.0	0.						
400	194	121	85	131.7	155.3	940	-	-	-	-	136.2	1740	119	51	57	35.1	0.						
410	196	122	85	133.7	147.6	950	-	-	-	-	140.7	1800	109	45	49	28.1	0.						
420	196	122	85	133.7	129.6	960	197	123	83	134.2	153.3	1860	100	40	37	22.2	0.						
430	196	122	84	133.8	142.5	970	-	-	-	-	155.9	1920	91	34	31	17.0	0.						
440	196	121	83	133.9	135.4	980	-	-	-	-	147.1	1980	82	30	27	13.2	0.						
450	197	121	82	134.3	144.6	990	-	-	-	-	137.3	2040	76	27	26	10.5	0.						
460	197	121	82	134.2	141.4	1000	-	-	-	-	145.3	2100	69	24	22	8.5	0.						
470	197	121	82	134.9	135.5	1010	-	-	-	-	135.8	2160	65	22	20	7.3	0.						
480	197	123	82	135.0	151.4	1020	197	123	83	134.4	143.6	2220	61	20	19	6.2	0.						
490	197	123	82	135.1	135.4	1030	-	-	-	-	142.0	2280	57	19	18	5.3	0.						
500	198	123	84	137.2	134.4	1040	-	-	-	-	142.8	2340	54	17	15	4.6	0.						
510	199	123	83	137.7	144.8	1050	-	-	-	-	155.8	2400	51	17	15	3.8	0.						
520	199	123	83	138.2	149.0	1060	-	-	-	-	152.0	2460	48	16	14	3.5	0.						
530	199	123	82	138.8	142.6	1070	-	-	-	-	150.0	2520	47	15	13	3.4	0.						

資料 3.76　流出量・降雨量および水路水位

DISCHARGE & R.I. 10 -6 -3, 530601, 1-130 0 AREA=636.M**2 QMAX=122.5MM/H 10 -6 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	9	7	1.5	59.2
10	31	9	8	1.8	59.2
20	31	9	8	1.8	59.2
30	32	9	10	2.0	59.2
40	32	10	13	2.4	65.0
50	32	11	16	2.8	86.6
60	33	12	23	3.3	98.9
70	34	13	26	4.0	105.3
80	35	15	33	5.1	126.6
90	37	18	41	6.5	124.0
100	39	20	50	7.6	119.6
110	43	22	53	9.3	121.4
120	47	24	57	11.5	121.2
130	50	28	59	13.7	120.8
140	56	32	63	15.6	122.4
150	62	36	65	18.4	123.8
160	69	40	66	22.1	127.3
170	74	43	67	24.5	124.1
180	82	47	68	27.9	119.1
190	90	50	70	32.2	114.5
200	96	56	71	36.1	118.5
210	104	59	72	40.8	126.1
220	112	63	73	46.0	106.9
230	118	66	73	49.9	106.0
240	126	72	75	55.7	123.5
250	133	75	75	60.9	122.0
260	137	78	77	64.6	120.0
270	142	82	77	68.2	133.2
280	147	84	77	72.5	124.1
290	152	88	77	78.0	93.3
300	155	91	77	81.9	97.7
310	159	93	77	85.8	95.4
320	163	97	79	90.3	95.1
330	167	99	79	95.0	103.1
340	170	101	79	99.0	97.8
350	172	102	79	101.5	105.1
360	176	106	80	105.3	117.6
370	178	106	80	108.6	116.8
380	180	108	80	110.5	137.9
390	181	109	80	111.6	141.7
400	182	110	79	112.8	136.1
410	184	110	79	115.3	122.8
420	185	110	80	116.3	128.1
430	185	110	78	116.7	126.0
440	186	110	78	117.7	128.1
450	187	111	78	119.3	128.1
460	187	111	78	119.3	120.1
470	187	111	78	119.2	117.8
480	188	111	78	120.6	114.5
490	189	112	78	121.4	121.2
500	189	113	78	122.2	123.3
510	190	113	80	122.7	116.5
520	190	113	80	122.6	117.8
530	190	113	80	122.4	131.2
540	190	114	80	122.7	137.7
550	190	114	80	122.7	129.2
560	190	114	80	122.7	124.0
570	190	114	80	122.6	121.8
580	190	114	80	122.6	114.5
590	190	114	80	122.6	136.4
600	190	114	79	122.6	130.9
610	-	-	-	-	120.5
620	-	-	-	-	127.4
630	-	-	-	-	146.8
640	-	-	-	-	139.0
650	-	-	-	-	130.1
660	190	114	82	122.6	133.0
670	-	-	-	-	114.7
680	-	-	-	-	118.4
690	-	-	-	-	126.0
700	-	-	-	-	113.5
710	-	-	-	-	126.3
720	190	114	82	122.6	135.0
730	-	-	-	-	127.2
740	-	-	-	-	127.3
750	-	-	-	-	120.8
760	-	-	-	-	111.9
770	-	-	-	-	110.5
780	190	112	81	122.0	133.5
790	-	-	-	-	135.3
800	-	-	-	-	128.4
810	-	-	-	-	126.5
820	-	-	-	-	124.8
830	-	-	-	-	124.4
840	189	112	81	120.9	123.6
850	-	-	-	-	108.1
860	-	-	-	-	112.0
870	-	-	-	-	136.8
880	-	-	-	-	132.3
890	-	-	-	-	124.3
900	189	113	80	121.0	122.2
910	-	-	-	-	110.2
920	-	-	-	-	110.2
930	-	-	-	-	110.5
940	-	-	-	-	114.8
950	-	-	-	-	202.5
960	189	113	79	120.7	101.6
970	-	-	-	-	100.2
980	-	-	-	-	111.5
990	-	-	-	-	116.5
1000	-	-	-	-	109.3
1010	-	-	-	-	110.0
1020	190	112	78	122.5	118.7
1030	-	-	-	-	119.6
1040	-	-	-	-	117.6
1050	-	-	-	-	122.2
1060	-	-	-	-	118.8
1070	-	-	-	-	118.6
1080	191	116	79	124.4	121.4
1090	-	-	-	-	115.3
1100	-	-	-	-	129.3
1110	-	-	-	-	130.5
1120	-	-	-	-	117.3
1130	-	-	-	-	118.1
1140	191	114	79	123.2	64.8
1150	-	-	-	-	27.3
1200	185	108	73	111.5	0.
1260	171	90	68	89.8	0.
1320	152	74	64	65.4	0.
1380	136	60	61	48.4	0.
1440	122	51	58	36.8	0.
1500	111	46	49	29.5	0.
1560	103	41	40	24.1	0.
1620	94	36	33	19.2	0.
1680	87	32	29	15.7	0.
1740	81	29	25	13.1	0.
1800	76	26	23	10.9	0.
1860	71	24	21	9.3	0.
1920	67	22	19	8.2	0.
1980	63	20	17	7.0	0.
2040	60	19	16	6.0	0.
2100	57	17	15	5.4	0.
2160	55	17	15	4.8	0.
2220	51	17	14	4.2	0.
2280	50	15	12	4.0	0.
2340	48	14	12	3.5	0.
2400	46	13	11	3.2	0.
2460	45	13	11	2.9	0.
2520	43	13	11	2.7	0.
2580	42	12	10	2.6	0.
2640	40	12	10	2.7	0.

TIME SEC H1 MM H2 MM H3 MM Q MM/H R MM/H

資料 3.77　流出量・降雨量および水路水位

DISCHARGE & R.I,　11 -1 -3,　530602,　2-200　0 AREA=636.M**2　QMAX=163.5MM/H　　11 -1 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	6	4	6	0.0	51.2	540	213	139	89	163.7	170.1	1680	50	17	15	3.7	0.						
10	6	4	6	0.3	51.2	550	213	138	88	163.1	149.5	1740	47	16	14	4.0	0.						
20	6	5	6	0.4	51.2	560	213	139	88	163.0	148.4												
30	7	5	3	0.4	51.2	570	213	138	88	162.2	157.2												
40	7	5	3	0.6	51.2	580	212	138	88	161.3	161.3												
50	7	5	6	0.7	80.7	590	212	137	87	160.9	173.2												
60	8	6	12	1.3	158.2	600	211	136	85	158.7	77.3												
70	8	6	20	2.1	187.8	610	211	133	83	157.6	15.3												
80	9	9	27	3.3	198.3	620	210	132	81	154.5	15.3												
90	11	11	36	4.5	212.7	630	208	130	80	151.8	15.3												
100	14	14	47	6.3	198.6	640	206	128	79	146.4	15.3												
110	18	17	57	8.5	184.1	650	203	124	77	141.4	12.5												
120	22	20	62	10.9	153.4	660	201	121	75	136.0	8.3												
130	28	26	66	14.0	143.9	670	198	117	74	130.5	8.3												
140	35	33	68	17.1	167.8	680	195	114	72	125.4	8.3												
150	44	39	70	20.9	198.1	690	191	107	69	117.4	8.3												
160	56	45	72	25.8	204.7	700	187	104	69	112.6	8.3												
170	68	50	73	30.5	191.4	710	183	100	68	105.8	8.3												
180	79	57	74	36.6	188.3	720	179	95	67	100.0	8.3												
190	93	63	77	43.9	181.2	730	178	93	66	98.9	8.3												
200	104	70	79	49.7	206.0	740	175	91	66	94.0	8.3												
210	118	75	81	58.5	209.0	750	172	88	65	89.6	8.3												
220	131	83	84	68.0	184.8	760	167	85	64	83.0	8.3												
230	140	88	85	74.7	206.9	770	164	81	63	78.1	10.1												
240	148	90	85	81.6	182.6	780	158	77	63	70.2	18.8												
250	156	95	86	88.0	186.7	790	-	-	-	-	23.7												
260	160	101	87	92.2	204.7	800	-	-	-	-	23.7												
270	169	106	87	102.3	188.3	810	-	-	-	-	24.5												
280	175	110	87	110.4	206.0	820	-	-	-	-	31.6												
290	180	114	87	117.8	189.7	830	-	-	-	-	31.6												
300	184	117	89	122.6	161.7	840	138	62	60	50.6	28.6												
310	190	124	89	130.4	173.0	850	-	-	-	-	27.3												
320	195	127	90	137.8	177.4	860	-	-	-	-	29.2												
330	198	128	89	142.9	182.8	870	-	-	-	-	19.8												
340	200	130	89	145.5	209.2	880	-	-	-	-	16.9												
350	203	131	89	148.7	197.3	890	-	-	-	-	16.9												
360	205	133	88	151.1	173.5	900	123	52	57	37.2	16.9												
370	206	133	88	153.3	199.7	910	-	-	-	-	16.9												
380	207	134	88	154.5	225.9	920	-	-	-	-	17.1												
390	208	134	88	155.9	206.8	930	-	-	-	-	17.1												
400	209	135	88	156.4	212.3	940	-	-	-	-	17.1												
410	209	136	89	157.2	200.3	950	-	-	-	-	17.1												
420	210	135	88	157.9	190.7	960	110	46	50	28.7	10.7												
430	210	136	88	157.9	187.0	1020	102	41	44	23.4	0.												
440	210	138	89	159.3	191.5	1080	93	36	34	18.4	0.												
450	211	136	88	159.8	150.2	1140	85	32	30	14.8	0.												
460	211	137	89	160.8	186.7	1200	79	29	26	12.2	0.												
470	211	139	90	161.2	173.3	1260	74	26	24	10.2	0.												
480	212	138	89	162.6	174.1	1320	69	24	22	8.8	0.												
490	212	139	88	162.9	176.3	1380	66	23	20	7.6	0.												
500	213	138	88	163.4	172.9	1440	62	21	19	6.5	0.												
510	213	138	88	163.6	155.6	1500	58	20	17	5.7	0.												
520	213	138	88	163.5	167.2	1560	56	18	16	5.1	0.												
530	213	138	89	163.9	182.2	1620	53	17	15	4.2	0.												

資料 3.78　流出量・降雨量および水路水位

DISCHARGE & R.I., 11 -2 -3, 530602, 1-200 0 AREA=636.M**2 QMAX=167.9MM/H 11 -2 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	37	11	11	2.2	61.6
10	37	10	11	2.2	61.6
20	37	11	11	2.5	61.6
30	37	12	14	2.9	61.6
40	37	12	20	3.7	79.5
50	38	15	29	5.0	182.1
60	40	18	41	6.2	192.6
70	42	20	47	7.9	226.8
80	45	23	58	10.1	211.7
90	48	26	61	12.2	184.9
100	53	29	63	15.6	174.8
110	60	35	66	18.6	159.3
120	66	41	69	23.0	148.8
130	76	46	71	28.5	160.9
140	83	52	72	32.6	168.8
150	95	60	75	39.9	180.5
160	105	65	77	46.6	204.6
170	115	73	79	53.3	249.6
180	125	78	80	60.7	223.9
190	135	81	80	68.4	182.1
200	143	87	82	75.9	171.0
210	151	93	84	82.7	186.8
220	157	98	85	89.0	196.2
230	164	103	86	97.3	208.3
240	170	108	87	104.6	197.5
250	176	112	87	112.4	181.0
260	181	116	87	117.7	153.4
270	186	119	88	125.1	176.1
280	191	122	87	131.1	198.4
290	194	123	86	135.7	207.6
300	197	126	88	139.2	196.7
310	199	129	88	142.3	196.6
320	201	130	88	145.6	205.9
330	203	132	89	148.7	217.3
340	205	133	89	151.7	202.0
350	206	134	89	153.6	168.3
360	208	134	89	155.5	194.3
370	208	134	88	155.9	170.8
380	209	135	88	157.2	172.2
390	210	136	88	158.4	200.0
400	210	138	89	159.4	165.1
410	211	138	89	161.2	153.2
420	212	140	89	162.0	163.4
430	212	138	89	163.3	159.3
440	213	138	88	163.6	171.7
450	213	136	88	163.9	176.7
460	213	135	87	163.7	166.0
470	212	136	87	161.7	154.3
480	212	135	87	161.6	157.0
490	212	136	87	161.6	161.2
500	212	135	87	161.9	190.4
510	212	135	87	161.9	186.9
520	212	137	87	162.0	200.0
530	212	136	87	162.3	196.8
540	212	137	87	162.3	195.0
550	213	139	88	163.1	162.5
560	213	138	88	164.8	205.2
570	213	137	88	165.0	173.2
580	213	138	88	164.4	174.5
590	214	139	88	165.5	180.7
600	215	140	90	167.0	195.0
610	215	140	90	167.1	187.7
620	214	139	89	166.3	177.4
630	214	139	89	166.0	150.2
640	214	138	89	165.8	159.5
650	214	137	89	165.7	144.8
660	214	137	89	165.8	159.0
670	213	138	89	164.4	165.2
680	214	139	89	166.3	164.1
690	215	140	88	167.0	191.8
700	215	139	88	167.2	174.3
710	215	138	88	167.0	197.7
720	215	140	88	167.9	200.7
730	215	139	88	167.9	210.1
740	215	139	88	168.4	213.0
750	215	139	88	168.4	190.3
760	216	138	89	168.8	187.7
770	216	140	89	168.6	201.2
780	216	142	89	169.5	191.3
790	216	141	89	168.9	155.8
800	215	140	89	167.9	160.7
810	215	139	89	167.2	171.5
820	215	138	89	166.7	148.9
830	215	138	89	166.8	159.6
840	215	140	89	166.3	167.7
850	-	-	-	-	174.5
860	-	-	-	-	150.3
870	-	-	-	-	136.4
880	-	-	-	-	160.6
890	-	-	-	-	182.9
900	213	137	88	164.4	161.0
910	-	-	-	-	148.6
920	-	-	-	-	142.0
930	-	-	-	-	162.0
940	-	-	-	-	143.7
950	-	-	-	-	140.3
960	215	140	88	168.0	155.0
970	-	-	-	-	162.7
980	-	-	-	-	162.0
990	-	-	-	-	170.9
1000	-	-	-	-	204.6
1010	-	-	-	-	211.3
1020	216	141	88	169.2	175.6
1030	-	-	-	-	180.1
1040	-	-	-	-	172.6
1050	-	-	-	-	175.1
1060	-	-	-	-	165.9
1070	-	-	-	-	164.3
1080	216	140	87	167.3	163.3
1090	-	-	-	-	162.4
1140	207	127	78	148.4	0.
1200	191	107	70	118.4	0.
1260	167	83	65	81.6	0.
1320	145	66	61	56.0	0.
1380	126	55	58	39.2	0.
1440	114	48	54	31.4	0.
1500	104	43	46	25.0	0.
1560	96	38	36	19.9	0.
1620	88	34	31	15.7	0.
1680	81	30	27	13.0	0.
1740	76	27	24	11.0	0.
1800	71	25	22	9.2	0.
1860	66	23	20	7.8	0.
1920	63	22	18	6.8	0.
1980	60	20	17	6.0	0.
2040	56	19	16	5.1	0.
2100	53	18	15	4.4	0.
2160	50	17	15	3.8	0.
2220	48	16	14	3.5	0.
2280	46	15	13	3.2	0.
2340	44	14	13	2.8	0.
2400	43	13	12	2.5	0.
2460	41	13	11	2.2	0.
2520	39	12	11	2.1	0.
2580	38	12	10	1.9	0.
2640	37	11	10	2.1	0.

資料 3.79　流出量・降雨量および水路水位

DISCHARGE & R.I.　11 -3 -3,　530602,　1 -50　0 AREA=636.M**2　QMAX= 48.0MM/H　　11 -3 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	8	7	1.1	26.1	540	124	61	65	43.5	50.1	1320	103	43	46	25.0	0.						
10	27	8	7	0.9	26.1	550	124	61	65	43.9	50.1	1380	97	39	37	20.6	0.						
20	27	8	8	0.9	26.1	560	125	61	65	43.9	51.1	1440	88	35	33	16.1	0.						
30	27	8	8	1.0	26.1	570	125	62	65	44.3	51.1	1500	82	31	29	13.4	0.						
40	27	9	9	1.2	26.1	580	126	62	65	44.7	51.7	1560	76	28	27	11.1	0.						
50	27	9	11	1.3	26.1	590	126	62	65	44.9	53.9	1620	71	26	25	9.4	0.						
60	27	9	12	1.4	29.7	600	127	63	65	45.4	52.9	1680	67	24	23	8.2	0.						
70	28	10	14	1.6	33.7	610	127	63	65	45.8	52.2	1740	64	23	21	7.1	0.						
80	28	10	16	1.8	33.7	620	127	63	65	46.0	50.8	1800	61	21	19	6.3	0.						
90	28	10	18	2.1	33.7	630	128	63	65	46.1	51.9	1860	58	20	18	5.6	0.						
100	29	12	20	2.3	34.1	640	128	63	65	46.2	53.2	1920	55	19	17	5.1	0.						
110	29	12	23	2.7	36.7	650	128	63	65	46.4	52.3	1980	53	18	16	4.5	0.						
120	31	14	25	3.1	37.3	660	128	63	65	46.7	49.7	2040	51	17	16	4.0	0.						
130	31	15	27	3.6	37.4	670	129	63	65	46.9	47.2	2100	49	17	15	3.7	0.						
140	33	16	29	4.1	37.7	680	129	63	65	46.9	47.7	2160	47	16	14	3.5	0.						
150	34	18	32	4.5	37.0	690	129	63	65	47.3	47.8	2220	46	15	13	3.3	0.						
160	36	19	34	5.4	37.0	700	129	63	65	47.5	47.8	2280	44	14	13	2.9	0.						
170	37	21	37	6.2	37.7	710	130	63	65	47.7	44.4	2340	43	14	12	2.7	0.						
180	39	23	39	6.9	38.1	720	130	63	65	47.6	43.0	2400	41	14	11	2.5	0.						
190	42	24	43	7.8	38.4	730	130	63	65	47.8	43.0	2460	40	13	11	2.4	0.						
200	46	26	45	8.9	38.6	740	130	63	65	47.7	43.3	2520	39	13	11	2.2	0.						
210	48	27	47	10.0	39.0	750	130	63	65	48.0	46.8	2580	38	12	10	2.1	0.						
220	51	28	49	10.5	39.0	760	130	63	65	47.9	48.7	2640	37	12	10	2.3	0.						
230	55	30	50	11.7	38.6	770	130	63	65	47.9	48.7												
240	58	31	51	12.8	36.9	780	130	63	65	48.1	49.5												
250	61	32	51	13.6	36.9	790	-	-	-	-	51.5												
260	66	33	54	15.1	37.4	800	-	-	-	-	51.6												
270	69	35	56	16.0	37.0	810	-	-	-	-	51.6												
280	72	36	57	17.1	49.0	820	-	-	-	-	47.8												
290	75	37	58	18.2	49.0	830	-	-	-	-	48.1												
300	78	39	59	19.3	48.5	840	130	63	64	48.0	48.1												
310	81	40	60	20.5	50.9	850	-	-	-	-	48.1												
320	85	42	60	21.9	51.9	860	-	-	-	-	49.3												
330	88	43	61	23.4	52.5	870	-	-	-	-	50.5												
340	91	44	62	24.9	53.5	880	-	-	-	-	51.2												
350	93	45	62	25.7	51.2	890	-	-	-	-	54.0												
360	96	47	62	27.1	51.0	900	130	63	64	48.0	53.2												
370	99	48	63	28.4	49.0	910	-	-	-	-	50.7												
380	101	48	63	29.7	49.0	920	-	-	-	-	48.7												
390	103	50	63	30.8	49.0	930	-	-	-	-	48.7												
400	105	51	63	31.5	49.2	940	-	-	-	-	50.6												
410	107	52	64	33.0	50.0	950	-	-	-	-	54.0												
420	109	53	64	33.8	50.1	960	130	63	64	48.0	54.0												
430	110	54	64	34.8	51.5	970	-	-	-	-	36.8												
440	112	55	64	36.2	52.3	980	-	-	-	-	31.4												
450	113	55	64	36.8	52.4	990	-	-	-	-	31.4												
460	115	56	64	37.6	52.4	1000	-	-	-	-	31.4												
470	116	57	64	38.6	51.7	1010	-	-	-	-	32.7												
480	118	58	64	39.5	53.1	1020	130	63	64	47.9	18.8												
490	118	58	64	39.8	54.5	1030	-	-	-	-	18.8												
500	120	59	65	41.0	52.7	1080	129	62	63	46.4	0.												
510	121	59	65	41.5	51.6	1140	125	59	61	41.9	0.												
520	122	60	65	42.6	49.5	1200	118	53	59	35.4	0.												
530	123	61	65	42.9	50.1	1260	111	47	53	29.8	0.												

資料 3.80　流出量・降雨量および水路水位

DISCHARGE & R.I. 11 -4 -3, 530602, 1-100 0 AREA=636.M**2 QMAX= 96.4MM/H 11 -4 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	13	6	5	0.2	40.2
10	13	6	5	0.2	40.2
20	13	7	5	0.2	40.2
30	13	7	5	0.3	40.2
40	13	7	6	0.3	40.2
50	13	7	7	0.6	40.2
60	13	7	9	0.9	47.2
70	14	8	11	1.0	76.9
80	15	8	15	1.6	79.0
90	15	9	17	1.9	82.5
100	16	10	21	2.4	83.4
110	18	11	25	2.9	92.7
120	19	13	29	3.6	97.0
130	21	14	35	4.5	94.3
140	23	16	41	5.3	93.6
150	26	18	46	6.7	99.4
160	29	20	51	7.8	97.7
170	33	23	54	9.2	93.2
180	37	27	57	10.9	95.4
190	42	30	60	12.8	96.9
200	48	33	61	14.9	97.6
210	54	36	63	17.1	93.2
220	61	39	64	19.8	93.2
230	68	41	65	22.2	93.2
240	75	45	66	25.3	95.0
250	83	48	67	28.5	100.7
260	89	51	68	31.5	106.3
270	96	54	69	34.5	107.9
280	102	58	70	37.8	104.9
290	109	61	70	41.6	104.4
300	114	63	71	44.9	102.0
310	120	67	72	48.3	102.3
320	125	69	72	51.1	105.2
330	129	71	73	55.1	110.3
340	132	73	73	57.0	101.2
350	135	77	74	59.8	97.0
360	141	79	74	65.0	101.1
370	143	81	74	67.3	103.4
380	147	83	74	71.2	104.8
390	150	85	74	73.2	104.8
400	153	87	74	76.6	104.4
410	156	88	74	79.3	99.4
420	158	89	74	81.4	99.1
430	160	90	74	82.8	97.5
440	161	91	75	84.9	97.0
450	162	92	75	85.3	98.3
460	164	92	75	87.4	99.0
470	165	93	75	88.9	96.9
480	166	93	75	89.7	93.7
490	167	94	75	90.7	97.4
500	167	95	75	91.0	102.7
510	169	95	75	92.7	100.6
520	169	96	75	93.6	98.1
530	170	97	75	93.8	99.5
540	170	97	75	94.6	108.9
550	171	97	75	95.1	104.2
560	171	97	75	95.4	101.2
570	171	97	75	95.6	101.9
580	172	97	75	95.8	101.5
590	172	97	75	96.1	98.0
600	172	98	75	96.3	99.6
610	172	98	75	96.3	103.8
620	172	98	75	96.3	98.9
630	172	98	75	96.2	103.0
640	172	98	75	96.5	102.8
650	172	98	75	96.5	102.8
660	172	98	75	96.5	99.5
670	172	98	75	96.5	100.2
680	172	98	75	96.5	103.1
690	172	98	75	96.5	103.0
700	172	98	75	96.5	100.8
710	172	98	75	96.5	101.7
720	172	98	75	96.5	100.5
730	-	-	-	-	100.6
740	-	-	-	-	101.5
750	-	-	-	-	101.9
760	-	-	-	-	100.9
770	-	-	-	-	100.6
780	172	98	75	96.5	104.4
790	-	-	-	-	102.4
800	-	-	-	-	93.3
810	-	-	-	-	93.5
820	-	-	-	-	104.7
830	-	-	-	-	106.7
840	172	98	75	96.2	102.1
850	-	-	-	-	75.2
860	-	-	-	-	72.7
870	-	-	-	-	43.3
880	-	-	-	-	43.3
890	-	-	-	-	43.3
900	171	96	73	93.1	27.9
910	-	-	-	-	26.5
920	-	-	-	-	18.1
930	-	-	-	-	11.9
940	-	-	-	-	11.9
950	-	-	-	-	11.9
960	164	88	68	81.8	11.9
970	-	-	-	-	11.9
980	-	-	-	-	11.9
990	-	-	-	-	11.9
1000	-	-	-	-	11.9
1010	-	-	-	-	11.9
1020	151	75	65	65.3	6.4
1030	-	-	-	-	6.4
1040	-	-	-	-	6.4
1050	-	-	-	-	6.4
1060	-	-	-	-	6.4
1070	-	-	-	-	6.4
1080	137	63	62	49.9	6.4
1090	-	-	-	-	6.4
1100	-	-	-	-	6.4
1110	-	-	-	-	10.5
1120	-	-	-	-	13.2
1130	-	-	-	-	13.2
1140	124	54	59	38.5	13.2
1150	-	-	-	-	13.2
1160	-	-	-	-	13.2
1170	-	-	-	-	13.2
1180	-	-	-	-	13.2
1190	-	-	-	-	13.2
1200	113	47	51	30.5	0.
1260	104	43	43	24.5	0.
1320	95	36	34	19.0	0.
1380	86	33	30	14.9	0.
1440	79	30	27	12.2	0.
1500	74	27	24	10.1	0.
1560	68	24	23	8.2	0.
1620	64	22	21	7.0	0.
1680	60	21	19	6.0	0.
1740	56	19	18	5.1	0.
1800	54	18	17	4.5	0.
1860	50	17	16	3.8	0.
1920	48	16	15	3.4	0.
1980	46	16	15	3.1	0.
2040	45	14	15	3.5	0.

資料 3.81　流出量・降雨量および水路水位

DISCHARGE & R.I.　11 -5 -3,　530602,　1 -70　0 AREA=636.M**2　QMAX= 68.3MM/H　　11 -5 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	30	10	8	1.3	30.0	540	145	77	69	63.9	58.9	1080	150	79	69	68.3	58.5	1860	86	33	30	15.0	0.
10	30	10	8	1.2	30.0	550	145	77	69	64.3	58.2	1090	-	-	-	-	57.9	1920	79	30	28	12.3	0.
20	30	10	8	1.2	30.0	560	146	77	69	65.6	56.3	1100	-	-	-	-	57.6	1980	74	27	25	10.4	0.
30	30	10	9	1.2	30.0	570	147	78	69	65.4	56.9	1110	-	-	-	-	54.0	2040	70	25	23	9.0	0.
40	30	10	10	1.4	30.0	580	148	78	69	66.4	58.4	1120	-	-	-	-	52.9	2100	66	23	21	8.1	0.
50	30	10	11	1.4	30.0	590	148	78	69	66.4	59.8	1130	-	-	-	-	53.7	2160	65	22	20	7.6	0.
60	30	10	12	1.5	30.0	600	148	79	69	66.5	59.8	1140	150	79	69	68.3	54.7	2220	59	20	19	5.6	0.
70	30	10	14	1.7	32.2	610	148	79	69	66.5	59.6	1150	-	-	-	-	56.1	2280	57	20	17	5.3	0.
80	31	11	16	2.1	41.3	620	148	79	69	67.0	58.4	1160	-	-	-	-	57.7	2340	54	18	17	4.8	0.
90	31	12	19	2.4	41.3	630	149	79	69	67.5	58.3	1170	-	-	-	-	57.4	2400	52	18	16	4.6	0.
100	31	13	23	2.6	43.6	640	149	79	69	67.4	58.7	1180	-	-	-	-	49.4	2460	50	17	15	4.0	0.
110	32	14	26	3.2	49.0	650	150	79	69	68.5	62.4	1190	-	-	-	-	49.4	2520	48	17	14	3.6	0.
120	33	16	30	3.7	52.1	660	150	79	69	68.3	62.1	1200	150	79	69	68.3	49.1	2580	47	16	13	3.4	0.
130	34	17	34	4.7	52.1	670	150	79	69	68.3	56.7	1210	-	-	-	-	48.3	2640	45	15	13	3.5	0.
140	36	19	38	5.0	52.1	680	150	79	69	68.0	53.8	1220	-	-	-	-	45.3						
150	37	21	43	6.2	53.0	690	150	79	69	68.1	53.9	1230	-	-	-	-	44.9						
160	40	23	46	7.1	54.5	700	150	79	69	68.1	56.6	1240	-	-	-	-	46.5						
170	42	25	49	8.0	54.5	710	150	79	69	68.1	61.8	1250	-	-	-	-	47.3						
180	46	27	50	9.4	55.2	720	150	79	69	68.3	61.8	1260	150	80	69	68.3	48.7						
190	49	28	52	10.3	59.0	730	-	-	-	-	60.8	1270	-	-	-	-	49.2						
200	52	30	54	11.7	60.4	740	-	-	-	-	59.2	1280	-	-	-	-	49.5						
210	56	32	56	12.8	60.4	750	-	-	-	-	59.7	1290	-	-	-	-	57.7						
220	60	34	57	14.3	60.0	760	-	-	-	-	61.6	1300	-	-	-	-	58.7						
230	64	35	59	15.5	59.4	770	-	-	-	-	66.0	1310	-	-	-	-	57.7						
240	68	36	60	17.2	59.4	780	150	79	69	68.3	66.0	1320	150	80	69	68.3	56.0						
250	72	38	61	18.8	59.4	790	-	-	-	-	64.4	1330	-	-	-	-	56.7						
260	76	40	62	20.3	60.0	800	-	-	-	-	64.0	1340	-	-	-	-	59.6						
270	81	42	62	22.4	60.0	810	-	-	-	-	61.9	1350	-	-	-	-	46.4						
280	86	44	64	24.6	60.0	820	-	-	-	-	63.7	1360	-	-	-	-	39.9						
290	89	46	64	26.5	65.6	830	-	-	-	-	65.6	1370	-	-	-	-	27.9						
300	94	48	64	28.5	65.9	840	150	79	69	68.3	65.6	1380	150	80	69	67.5	17.7						
310	97	50	65	29.8	65.9	850	-	-	-	-	58.6	1390	-	-	-	-	13.3						
320	100	52	66	32.1	67.0	860	-	-	-	-	58.2	1400	-	-	-	-	13.3						
330	105	53	67	34.2	64.9	870	-	-	-	-	56.3	1410	-	-	-	-	13.3						
340	108	55	67	36.6	62.4	880	-	-	-	-	57.7	1420	-	-	-	-	13.3						
350	112	57	67	38.8	58.3	890	-	-	-	-	59.2	1430	-	-	-	-	13.3						
360	114	59	67	40.1	53.0	900	150	79	69	68.3	59.2	1440	145	73	65	60.7	13.3						
370	118	61	67	42.5	53.0	910	-	-	-	-	56.9	1450	-	-	-	-	13.3						
380	120	62	68	44.0	53.0	920	-	-	-	-	56.6	1460	-	-	-	-	13.3						
390	123	63	68	45.8	59.2	930	-	-	-	-	57.7	1470	-	-	-	-	13.3						
400	125	65	68	46.8	71.6	940	-	-	-	-	58.1	1480	-	-	-	-	13.3						
410	127	66	68	48.2	66.7	950	-	-	-	-	57.6	1490	-	-	-	-	13.3						
420	128	68	68	49.3	58.1	960	150	79	69	68.3	57.6	1500	136	65	62	50.9	8.5						
430	130	69	69	51.1	58.1	970	-	-	-	-	58.5	1510	-	-	-	-	8.5						
440	132	70	69	52.4	58.3	980	-	-	-	-	58.0	1520	-	-	-	-	8.5						
450	133	71	69	53.2	60.6	990	-	-	-	-	56.9	1530	-	-	-	-	8.5						
460	135	72	69	55.0	60.8	1000	-	-	-	-	56.8	1540	-	-	-	-	5.1						
470	136	73	69	56.5	60.2	1010	-	-	-	-	59.1	1550	-	-	-	-	5.1						
480	138	73	69	57.8	59.4	1020	150	79	69	68.3	60.5	1560	125	58	59	40.5	5.1						
490	139	74	69	59.3	59.4	1030	-	-	-	-	60.5	1570	-	-	-	-	5.1						
500	140	75	69	59.7	57.7	1040	-	-	-	-	58.2	1620	116	50	56	33.5	0.						
510	141	75	69	61.0	64.9	1050	-	-	-	-	57.5	1680	108	45	48	27.7	0.						
520	143	75	69	61.9	65.5	1060	-	-	-	-	55.5	1740	100	41	43	22.9	0.						
530	143	76	69	62.6	61.3	1070	-	-	-	-	55.5	1800	93	37	35	18.5	0.						

資料 3.82　流出量・降雨量および水路水位

DISCHARGE & R.I. 11 -6 -3, 530602, 1=150 0 AREA=636.M**2 QMAX=139.0MM/H 11 -6 -3

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	30	10	8	1.3	48.0
10	30	10	8	1.3	48.0
20	29	10	8	1.3	48.0
30	29	10	9	1.5	48.0
40	30	10	11	1.7	48.0
50	30	11	15	2.2	65.0
60	30	11	20	2.6	78.7
70	31	13	25	3.4	93.3
80	32	15	31	4.4	104.0
90	34	16	40	5.7	140.6
100	36	19	49	6.7	192.2
110	39	22	54	8.8	116.2
120	43	24	57	10.8	126.1
130	46	28	61	12.5	129.0
140	53	32	64	15.7	136.0
150	58	36	66	18.6	134.2
160	65	40	67	21.6	125.5
170	73	45	69	25.5	139.1
180	83	49	70	30.4	145.4
190	89	53	71	34.4	142.2
200	99	59	72	39.4	145.1
210	107	63	75	44.1	148.1
220	115	69	75	50.3	139.4
230	124	73	77	55.6	133.4
240	130	77	78	60.8	141.5
250	138	82	78	67.2	138.6
260	143	85	79	71.3	136.8
270	148	90	80	76.6	142.3
280	155	94	81	84.1	139.7
290	160	98	81	89.9	140.3
300	165	102	82	95.8	137.7
310	170	104	82	102.2	133.2
320	175	111	82	107.5	140.7
330	179	113	82	112.8	137.8
340	183	114	82	117.7	140.5
350	185	116	82	120.0	144.3
360	188	118	82	124.7	125.9
370	190	119	82	127.0	139.6
380	192	119	82	129.9	128.1
390	193	120	82	131.2	130.3
400	195	120	82	132.6	138.5
410	195	121	82	133.5	137.2
420	196	121	82	134.9	137.6
430	196	122	82	134.6	143.8
440	197	122	82	135.8	137.2
450	197	123	82	136.0	151.3
460	198	124	82	136.5	144.5
470	198	124	82	137.2	139.5
480	198	124	82	137.6	145.8
490	199	124	82	138.0	147.3
500	199	123	82	138.3	149.6
510	199	123	82	138.7	138.5
520	199	124	82	139.1	135.9
530	199	124	83	139.0	139.9
540	200	124	83	139.4	142.5
550	200	125	83	139.3	138.3
560	200	125	83	139.3	143.3
570	200	126	83	139.2	141.1
580	200	126	83	139.2	150.3
590	200	125	83	139.2	151.8
600	200	125	83	139.2	141.2
610	-	-	-	-	148.9
620	-	-	-	-	147.6
630	-	-	-	-	133.1
640	-	-	-	-	143.4
650	-	-	-	-	132.8
660	200	124	83	139.2	156.4
670	-	-	-	-	163.6
680	-	-	-	-	139.5
690	-	-	-	-	145.9
700	-	-	-	-	149.3
710	-	-	-	-	157.5
720	200	124	83	139.2	158.0
730	-	-	-	-	139.1
740	-	-	-	-	140.5
750	-	-	-	-	147.0
760	-	-	-	-	150.5
770	-	-	-	-	138.2
780	200	125	83	139.2	135.4
790	-	-	-	-	137.8
800	-	-	-	-	146.5
810	-	-	-	-	150.2
820	-	-	-	-	156.4
830	-	-	-	-	103.7
840	200	122	82	137.9	35.1
850	-	-	-	-	12.8
860	-	-	-	-	12.8
870	-	-	-	-	12.8
880	-	-	-	-	12.8
890	-	-	-	-	12.8
900	191	107	74	120.2	12.8
910	-	-	-	-	12.8
920	-	-	-	-	12.8
930	-	-	-	-	12.8
940	-	-	-	-	12.8
950	-	-	-	-	12.8
960	171	86	66	88.5	12.8
970	-	-	-	-	12.8
980	-	-	-	-	22.3
990	-	-	-	-	22.3
1000	-	-	-	-	22.3
1010	-	-	-	-	22.3
1020	150	69	63	62.4	5.2
1030	-	-	-	-	5.2
1040	-	-	-	-	5.2
1050	-	-	-	-	5.2
1080	133	58	60	45.7	0.
1140	120	51	57	35.3	0.
1200	110	45	50	28.5	0.
1260	101	40	41	23.1	0.
1320	92	35	33	17.8	0.
1380	84	31	29	13.7	0.
1440	77	27	26	11.0	0.
1500	71	25	23	9.0	0.
1560	66	23	21	7.4	0.
1620	61	21	20	6.5	0.
1680	60	20	18	6.1	0.
1740	54	18	17	4.2	0.
1800	51	16	16	4.0	0.
1860	49	16	15	3.5	0.
1920	46	16	14	3.1	0.
1980	45	15	13	3.0	0.
2040	43	14	13	2.8	0.
2100	42	13	12	2.4	0.
2160	40	13	12	2.2	0.
2220	39	12	11	2.1	0.
2280	38	12	11	1.9	0.
2340	36	12	10	1.7	0.
2400	36	11	10	1.7	0.
2460	35	11	10	1.6	0.
2520	34	10	9	1.5	0.
2580	33	10	9	1.4	0.
2640	32	10	9	1.5	0.

資料 3.83　流出量・降雨量および水路水位

DISCHARGE & R.I.,　12 -1 -4,　530605,　2 -50　0 AREA=636.M**2　QMAX=　9.4MM/H　　12 -1 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	3	5	4	0.0	36.0	540	64	28	28	9.6	0.												
10	3	5	4	0.0	36.0	550	65	28	27	9.8	0.												
20	3	5	4	0.0	36.0	560	66	28	27	9.8	0.												
30	3	5	4	0.0	36.0	570	66	27	27	9.7	0.												
40	3	5	4	-0.7	36.0	580	66	27	27	9.5	0.												
50	3	5	4	-0.7	36.0	590	67	27	26	9.7	0.												
60	3	5	4	-0.7	36.0	600	67	25	26	9.7	0.												
70	1	6	4	0.0	36.0	610	67	27	25	9.6	0.												
80	1	6	4	0.0	36.0	620	67	26	25	9.5	0.												
90	1	6	5	0.0	36.0	630	67	26	25	9.3	0.												
100	3	6	5	0.9	36.0	640	67	26	25	9.3	0.												
110	3	6	6	1.0	40.0	650	67	26	24	9.1	0.												
120	3	6	7	1.0	40.0	660	67	26	24	8.9	0.												
130	4	6	9	0.3	40.0	670	67	26	24	8.8	0.												
140	4	6	10	0.5	40.0	680	66	26	24	8.7	0.												
150	4	7	11	0.8	40.0	690	66	25	23	8.7	0.												
160	4	7	13	1.0	40.0	700	66	25	23	8.6	0.												
170	5	7	14	1.3	40.0	710	66	25	23	8.4	0.												
180	6	9	16	1.5	40.0	720	66	25	23	8.3	0.												
190	7	10	18	1.9	40.0	730	65	24	23	8.2	0.												
200	8	10	20	1.8	0.	740	65	24	23	8.0	0.												
210	9	11	22	2.0	0.	750	64	24	23	7.7	0.												
220	10	12	22	2.0	0.	760	64	24	22	7.6	0.												
230	11	13	23	2.1	0.	770	64	24	22	7.5	0.												
240	12	13	24	2.4	0.	780	63	24	22	7.4	0.												
250	13	14	24	2.6	0.	790	63	24	22	7.3	0.												
260	15	15	24	3.0	0.	800	63	23	21	7.0	0.												
270	16	16	25	3.1	0.	810	62	23	21	6.9	0.												
280	18	17	25	3.6	0.	820	62	23	21	6.9	0.												
290	20	17	25	3.8	0.	830	61	23	21	6.7	0.												
300	22	18	26	4.2	0.	840	61	22	21	6.5	0.												
310	24	19	26	4.4	0.	900	59	21	20	6.0	0.												
320	26	20	26	4.8	0.	960	56	20	19	5.4	0.												
330	28	20	27	5.1	0.	1020	54	19	18	4.8	0.												
340	30	21	27	5.4	0.	1080	52	18	17	4.3	0.												
350	33	22	28	5.9	0.	1140	50	17	16	4.0	0.												
360	34	22	28	5.9	0.	1200	48	16	16	3.5	0.												
370	37	23	28	6.3	0.	1260	46	16	15	3.1	0.												
380	40	24	28	6.9	0.	1320	44	15	15	3.0	0.												
390	41	24	28	7.0	0.	1380	43	14	14	2.8	0.												
400	44	25	28	7.3	0.	1440	42	14	14	2.5	0.												
410	46	25	28	7.6	0.	1500	40	13	13	2.3	0.												
420	48	26	28	7.9	0.	1560	39	13	13	2.1	0.												
430	50	26	28	8.2	0.	1620	38	12	12	2.0	0.												
440	53	26	28	8.5	0.	1680	37	12	12	1.8	0.												
450	54	26	28	8.5	0.	1740	36	12	12	1.8	0.												
460	56	26	28	8.9	0.	1800	35	12	12	1.7	0.												
470	57	26	28	8.8	0.	1860	34	11	12	1.5	0.												
480	58	26	28	9.1	0.	1920	33	11	11	1.4	0.												
490	60	27	28	9.4	0.	1980	32	11	11	1.5	0.												
500	61	27	28	9.3	0.																		
510	62	27	28	9.7	0.																		
520	63	27	28	9.7	0.																		
530	64	28	28	9.7	0.																		

資料 3.84　流出量・降雨量および水路水位

DISCHARGE & R.I., 12 -2 -4, 530605, 2 -50 0 AREA=636.M**2 QMAX= 20.7MM/H 12 -2 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	10	10	1.2	35.2	540	91	38	37	19.2	0.												
10	29	10	10	1.1	35.2	550	90	37	36	18.2	0.												
20	29	10	10	1.1	35.2	560	92	37	36	19.3	0.												
30	29	10	10	1.1	35.2	570	91	36	36	18.7	0.												
40	29	10	11	1.2	35.2	580	88	36	35	16.8	0.												
50	29	10	12	1.3	35.2	590	87	36	34	16.0	0.												
60	29	10	12	1.4	36.9	600	87	35	34	15.7	0.												
70	29	11	14	1.6	40.3	660	82	35	31	14.1	0.												
80	29	11	14	1.7	41.1	720	78	32	28	11.9	0.												
90	29	12	16	1.9	41.1	780	73	30	25	10.2	0.												
100	30	12	18	2.2	42.8	840	69	28	24	9.3	0.												
110	30	14	20	2.6	43.9	900	68	26	22	8.4	0.												
120	31	14	22	2.8	42.9	960	62	24	21	6.1	0.												
130	32	16	24	3.2	42.9	1020	59	23	20	5.9	0.												
140	33	16	26	3.7	40.1	1080	56	21	18	5.3	0.												
150	34	18	28	4.2	40.1	1140	54	20	18	4.7	0.												
160	35	20	30	4.7	41.6	1200	52	19	17	4.4	0.												
170	37	21	32	5.4	43.9	1260	50	18	16	4.0	0.												
180	39	22	34	6.0	48.4	1320	48	17	16	3.5	0.												
190	41	24	35	6.8	50.4	1380	46	16	15	3.1	0.												
200	43	25	37	7.8	50.4	1440	44	15	14	2.9	0.												
210	46	26	39	8.8	50.3	1500	43	15	14	2.8	0.												
220	49	28	42	9.5	50.7	1560	41	14	13	2.4	0.												
230	52	30	44	10.4	50.7	1620	40	13	13	2.2	0.												
240	56	30	44	11.6	35.3	1680	38	13	12	2.1	0.												
250	58	32	45	11.5	0.	1740	38	12	12	1.9	0.												
260	61	33	45	13.0	0.	1800	36	12	12	1.7	0.												
270	64	34	46	13.7	0.	1860	35	12	12	1.7	0.												
280	65	35	47	14.1	0.	1920	34	12	12	1.5	0.												
290	70	36	47	15.8	0.	1980	33	11	11	1.5	0.												
300	73	37	48	16.5	0.	2040	33	11	11	1.3	0.												
310	76	38	48	18.1	0.	2100	31	11	10	1.1	0.												
320	78	39	48	18.2	0.	2160	31	11	10	1.3	0.												
330	81	40	49	18.8	0.	2220	31	11	10	1.3	0.												
340	83	40	49	19.3	0.	2280	30	10	10	1.3	0.												
350	85	41	48	20.1	0.	2340	30	10	10	1.1	0.												
360	87	41	48	20.4	0.	2400	29	10	10	0.8	0.												
370	88	41	48	20.7	0.	2460	28	10	10	0.9	0.												
380	89	41	47	20.6	0.	2520	27	10	9	0.9	0.												
390	90	41	47	21.1	0.	2580	27	10	9	0.9	0.												
400	91	41	47	21.3	0.	2640	26	9	9	1.0	0.												
410	92	42	46	21.1	0.																		
420	92	41	45	21.0	0.																		
430	92	41	45	20.9	0.																		
440	93	41	44	21.0	0.																		
450	93	41	43	20.8	0.																		
460	93	41	43	20.9	0.																		
470	93	41	42	20.7	0.																		
480	93	41	42	20.7	0.																		
490	93	40	41	20.4	0.																		
500	93	40	40	20.1	0.																		
510	92	39	39	19.8	0.																		
520	92	39	38	19.4	0.																		
530	91	38	37	19.7	0.																		

資料 3.85　流出量・降雨量および水路水位

DISCHARGE & R.I.　12 -3 -4,　530605,　1 -20　0 AREA=636.M**2　QMAX= 18.1MM/H　　12 -3 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	9	9	0.7	13.3	540	65	29	36	10.4	24.1	1080	88	38	43	18.1	26.5	1620	88	38	43	18.1	25.1
10	24	9	9	0.6	13.3	550	66	30	37	10.9	24.1	1090	-	-	-	-	26.5	1630	-	-	-	-	25.1
20	24	9	9	0.6	13.3	560	67	30	37	11.3	24.1	1100	-	-	-	-	26.5	1640	-	-	-	-	23.5
30	23	9	9	0.6	13.3	570	68	30	38	11.4	24.1	1110	-	-	-	-	26.5	1650	-	-	-	-	22.7
40	23	9	9	0.6	13.3	580	69	30	38	11.7	23.2	1120	-	-	-	-	27.8	1660	-	-	-	-	22.7
50	23	9	9	0.6	13.3	590	70	31	39	12.3	21.5	1130	-	-	-	-	28.5	1670	-	-	-	-	22.8
60	23	9	9	0.7	13.3	600	71	31	39	12.4	21.4	1140	88	38	44	18.1	30.2	1680	88	38	45	18.2	23.0
70	23	9	10	0.8	13.3	610	72	32	40	12.7	21.4	1150	-	-	-	-	30.7	1690	-	-	-	-	23.0
80	23	9	10	0.9	13.3	620	73	32	40	13.0	21.4	1160	-	-	-	-	27.5	1700	-	-	-	-	23.0
90	23	10	10	0.9	13.3	630	74	32	41	13.4	21.4	1170	-	-	-	-	27.1	1710	-	-	-	-	24.5
100	24	10	10	1.0	13.3	640	75	33	41	13.7	21.4	1180	-	-	-	-	27.1	1720	-	-	-	-	25.0
110	24	10	11	1.1	13.3	650	75	34	42	13.9	21.4	1190	-	-	-	-	27.1	1730	-	-	-	-	25.0
120	24	10	12	1.3	13.3	660	76	34	42	14.0	21.6	1200	88	38	43	18.1	27.1	1740	89	39	46	18.7	25.0
130	24	10	12	1.3	13.3	670	77	34	42	14.3	21.7	1210	-	-	-	-	27.1	1750	-	-	-	-	25.0
140	25	10	13	1.4	23.5	680	78	34	42	14.7	21.7	1220	-	-	-	-	26.6	1760	-	-	-	-	25.0
150	25	11	14	1.5	26.7	690	78	35	42	14.8	21.7	1230	-	-	-	-	26.6	1770	-	-	-	-	21.7
160	25	11	14	1.7	26.7	700	79	35	42	14.8	21.7	1240	-	-	-	-	26.6	1780	-	-	-	-	20.5
170	26	11	15	1.7	26.7	710	80	35	42	15.3	22.5	1250	-	-	-	-	26.6	1790	-	-	-	-	20.5
180	26	12	16	1.8	26.7	720	80	35	42	15.6	23.3	1260	88	38	43	18.1	25.7	1800	89	39	45	18.8	20.5
190	27	12	17	2.0	26.1	730	80	36	42	15.5	23.2	1270	-	-	-	-	23.5	1810	-	-	-	-	20.5
200	27	12	17	2.1	29.1	740	81	36	42	15.8	22.6	1280	-	-	-	-	23.6	1820	-	-	-	-	20.5
210	28	13	18	2.3	29.1	750	81	36	42	15.8	22.6	1290	-	-	-	-	24.0	1830	-	-	-	-	20.5
220	29	13	18	2.4	29.1	760	82	36	42	16.1	21.9	1300	-	-	-	-	24.0	1840	-	-	-	-	20.5
230	29	14	19	2.5	29.1	770	83	36	43	16.2	19.0	1310	-	-	-	-	26.6	1850	-	-	-	-	21.7
240	30	15	19	2.6	27.8	780	83	36	43	16.4	19.0	1320	88	38	44	18.1	26.6	1860	89	39	44	18.7	21.6
250	31	15	20	2.8	28.5	790	83	36	43	16.6	19.0	1330	-	-	-	-	26.6	1870	-	-	-	-	21.6
260	32	16	20	3.0	28.7	800	83	36	43	16.5	20.4	1340	-	-	-	-	27.0	1880	-	-	-	-	21.6
270	32	16	21	3.2	28.7	810	84	37	43	16.6	33.2	1350	-	-	-	-	28.4	1890	-	-	-	-	21.6
280	33	16	22	3.4	27.4	820	84	37	43	17.0	31.8	1360	-	-	-	-	29.7	1900	-	-	-	-	21.6
290	34	17	22	3.7	27.3	830	85	37	43	17.1	31.8	1370	-	-	-	-	29.7	1910	-	-	-	-	7.3
300	35	18	23	3.9	26.8	840	85	37	43	17.2	33.4	1380	88	38	44	18.1	29.7	1920	89	38	43	18.3	7.3
310	36	18	23	4.2	26.1	850	85	37	43	17.1	35.8	1390	-	-	-	-	29.7	1980	88	37	41	17.6	0.
320	38	19	23	4.3	26.1	860	85	38	43	17.3	35.8	1400	-	-	-	-	29.0	2040	85	35	36	15.8	0.
330	39	19	24	4.6	26.1	870	85	38	44	17.2	29.0	1410	-	-	-	-	30.4	2100	81	32	31	13.6	0.
340	40	20	24	4.8	25.3	880	86	38	44	17.3	22.2	1420	-	-	-	-	30.4	2160	77	30	28	11.7	0.
350	41	21	25	5.0	25.2	890	86	38	44	17.5	21.6	1430	-	-	-	-	28.0	2220	73	28	26	10.2	0.
360	42	21	26	5.3	25.6	900	86	38	44	17.6	20.0	1440	88	38	43	18.1	25.7	2280	68	25	24	8.6	0.
370	44	22	27	5.7	26.7	910	-	-	-	-	20.0	1450	-	-	-	-	25.7	2340	65	24	22	7.4	0.
380	45	22	27	6.0	26.7	920	-	-	-	-	23.4	1460	-	-	-	-	23.7	2400	61	22	21	6.3	0.
390	46	23	27	6.2	26.7	930	-	-	-	-	24.3	1470	-	-	-	-	24.6	2460	58	21	20	5.6	0.
400	48	23	28	6.4	27.1	940	-	-	-	-	24.3	1480	-	-	-	-	24.9	2520	55	20	18	5.3	0.
410	49	24	28	6.7	27.2	950	-	-	-	-	24.3	1490	-	-	-	-	24.9	2580	55	19	18	5.0	0.
420	50	24	30	7.0	26.2	960	87	38	42	18.0	25.1	1500	88	38	43	18.1	24.9	2640	50	18	17	4.6	0.
430	51	25	30	7.2	26.2	970	-	-	-	-	25.1	1510	-	-	-	-	24.9						
440	53	25	31	7.7	26.2	980	-	-	-	-	27.9	1520	-	-	-	-	25.0						
450	54	26	31	7.9	26.2	990	-	-	-	-	28.3	1530	-	-	-	-	25.6						
460	56	26	32	8.4	25.7	1000	-	-	-	-	28.3	1540	-	-	-	-	25.6						
470	57	26	33	8.5	25.7	1010	-	-	-	-	28.2	1550	-	-	-	-	25.6						
480	58	27	33	9.0	25.9	1020	88	38	43	18.2	27.5	1560	88	38	43	18.1	25.6						
490	60	27	34	9.2	25.9	1030	-	-	-	-	26.8	1570	-	-	-	-	25.6						
500	61	28	34	9.4	25.6	1040	-	-	-	-	26.8	1580	-	-	-	-	25.5						
510	62	28	35	9.8	24.3	1050	-	-	-	-	26.8	1590	-	-	-	-	25.1						
520	63	28	35	10.0	23.9	1060	-	-	-	-	26.8	1600	-	-	-	-	25.1						
530	64	29	35	10.4	24.0	1070	-	-	-	-	27.1	1610	-	-	-	-	25.1						

資料 3.86　流出量・降雨量および水路水位

DISCHARGE & R.I. 12 -4 -4, 530605, 2-100 0 AREA=636.M**2 QMAX= 43.6MM/H 12 -4 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	15	8	6	0.2	52.6	540	111	48	46	29.8	0.												
10	15	9	6	0.5	52.6	550	110	47	45	28.7	0.												
20	15	9	6	0.5	52.6	560	108	46	44	27.4	0.												
30	15	9	7	0.6	52.6	570	107	46	43	27.0	0.												
40	15	9	8	0.6	53.4	580	105	45	42	25.4	0.												
50	16	9	8	0.7	66.8	590	103	44	38	24.1	0.												
60	16	10	9	0.8	73.1	600	102	43	38	23.4	0.												
70	16	10	11	1.2	86.3	610	100	42	37	22.3	0.												
80	17	10	12	1.5	97.6	620	99	41	36	21.6	0.												
90	17	11	13	1.9	94.7	630	97	40	35	20.8	0.												
100	18	13	16	2.7	90.2	640	96	39	34	20.2	0.												
110	19	15	17	3.3	91.7	650	95	39	33	19.5	0.												
120	21	17	21	4.0	94.7	660	94	38	33	18.8	0.												
130	23	19	24	5.3	90.7	720	86	34	29	15.2	0.												
140	26	21	29	6.5	93.6	780	80	31	26	12.8	0.												
150	29	24	34	7.8	95.1	840	75	28	24	10.6	0.												
160	33	27	38	9.3	101.1	900	70	26	22	8.7	0.												
170	38	29	42	10.8	91.4	960	64	24	21	7.1	0.												
180	42	33	46	12.9	90.2	1020	61	22	20	6.2	0.												
190	48	35	51	14.7	94.4	1080	57	20	19	5.3	0.												
200	54	39	55	16.9	64.8	1140	54	19	17	4.7	0.												
210	61	41	58	19.7	57.3	1200	52	18	17	4.2	0.												
220	68	44	61	22.1	45.0	1260	49	17	16	3.6	0.												
230	75	47	61	25.2	15.0	1320	47	16	15	3.2	0.												
240	83	51	62	27.9	15.0	1380	45	15	15	2.9	0.												
250	89	54	62	30.5	15.0	1440	43	14	14	2.6	0.												
260	95	57	62	32.7	0.	1500	41	13	14	2.3	0.												
270	101	59	63	34.6	0.	1560	40	13	14	2.1	0.												
280	106	59	63	37.2	0.	1620	38	12	14	1.9	0.												
290	110	60	63	38.7	0.	1680	37	12	13	1.8	0.												
300	113	61	63	39.8	0.	1740	36	12	13	1.7	0.												
310	116	61	63	40.4	0.	1800	35	11	12	1.6	0.												
320	118	62	62	41.7	0.	1860	34	11	12	1.5	0.												
330	120	63	61	42.6	0.	1920	33	11	12	1.5	0.												
340	122	63	61	43.5	0.	1980	33	11	12	1.3	0.												
350	123	63	61	44.0	0.	2040	32	11	12	1.5	0.												
360	124	63	61	44.1	0.																		
370	125	63	60	44.2	0.																		
380	125	63	60	43.9	0.																		
390	125	62	59	43.9	0.																		
400	125	62	59	43.6	0.																		
410	125	62	58	43.0	0.																		
420	125	61	58	42.7	0.																		
430	125	60	57	42.2	0.																		
440	124	59	57	40.8	0.																		
450	123	58	56	39.8	0.																		
460	122	57	55	38.7	0.																		
470	120	55	54	37.1	0.																		
480	119	54	53	35.8	0.																		
490	118	53	52	34.7	0.																		
500	117	52	51	34.4	0.																		
510	115	51	50	32.9	0.																		
520	114	51	49	32.0	0.																		
530	113	50	48	30.8	0.																		

資料 3.87　流出量・降雨量および水路水位

DISCHARGE & R.I.,　12 -5 -4,　530605,　1 -50　0 AREA=636.M**2　QMAX= 47.7MM/H　　12 -5 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	10	11	1.4	35.2	540	124	63	59	43.5	42.1	1080	130	65	59	47.8	44.0	2100	74	28	25	10.7	0.
10	31	10	11	1.3	35.2	550	125	63	59	44.4	42.1	1090	-	-	-	-	43.7	2160	70	26	23	9.1	0.
20	31	10	12	1.3	35.2	560	125	63	59	44.4	42.1	1100	-	-	-	-	43.7	2220	66	24	21	7.9	0.
30	31	10	12	1.3	35.2	570	126	63	59	44.8	39.2	1110	-	-	-	-	43.2	2280	63	23	21	6.9	0.
40	31	11	13	1.4	35.2	580	126	64	59	45.0	35.8	1120	-	-	-	-	42.7	2340	60	22	19	6.1	0.
50	31	11	13	1.5	36.4	590	127	64	59	45.9	35.8	1130	-	-	-	-	42.7	2400	57	20	19	5.5	0.
60	31	11	14	1.6	38.3	600	127	64	59	46.1	35.8	1140	130	65	59	47.8	42.7	2460	55	19	17	4.9	0.
70	31	11	16	1.7	40.8	610	127	64	59	46.3	36.3	1150	-	-	-	-	42.7	2520	53	18	17	4.5	0.
80	31	11	17	2.0	40.8	620	128	64	59	46.4	39.6	1160	-	-	-	-	44.8	2580	51	17	16	4.0	0.
90	32	13	19	2.2	40.3	630	128	65	59	46.6	59.3	1170	-	-	-	-	45.7	2640	48	17	15	-7.2	0.
100	32	13	20	2.5	40.4	640	128	65	59	47.0	59.3	1180	-	-	-	-	45.7	2700	-23	-19	-22	0.0	0.
110	33	14	22	2.9	44.8	650	129	65	59	47.5	46.9	1190	-	-	-	-	45.7						
120	33	15	24	3.2	47.8	660	129	65	59	47.7	45.6	1200	130	65	59	47.8	46.0						
130	34	17	27	3.7	50.1	670	129	65	59	47.8	44.8	1210	-	-	-	-	45.7						
140	35	18	29	4.3	50.6	680	130	65	59	47.8	45.1	1220	-	-	-	-	45.6						
150	36	20	30	4.8	49.6	690	130	65	59	48.0	45.3	1230	-	-	-	-	45.6						
160	38	21	32	5.6	48.2	700	130	65	59	47.8	44.0	1240	-	-	-	-	45.8						
170	40	23	35	6.2	47.6	710	130	65	59	47.8	44.7	1250	-	-	-	-	46.3						
180	42	24	37	7.1	45.7	720	130	65	59	47.8	44.0	1260	130	65	59	47.8	46.0						
190	45	26	38	8.1	45.6	730	-	-	-	-	44.0	1270	-	-	-	-	45.7						
200	47	27	41	8.6	47.3	740	-	-	-	-	44.0	1280	-	-	-	-	45.7						
210	50	29	43	9.4	47.3	750	-	-	-	-	43.7	1290	-	-	-	-	44.6						
220	53	29	44	10.6	47.3	760	-	-	-	-	43.2	1300	-	-	-	-	45.5						
230	56	31	45	11.3	44.7	770	-	-	-	-	43.2	1310	-	-	-	-	45.5						
240	58	33	46	12.1	43.5	780	130	65	59	47.8	42.8	1320	130	65	59	47.8	45.5						
250	62	33	47	13.2	43.5	790	-	-	-	-	42.8	1330	-	-	-	-	45.8						
260	65	35	49	14.2	43.5	800	-	-	-	-	43.5	1340	-	-	-	-	47.0						
270	68	37	52	15.5	46.2	810	-	-	-	-	43.6	1350	-	-	-	-	47.0						
280	71	38	53	16.2	47.9	820	-	-	-	-	43.8	1360	-	-	-	-	47.1						
290	74	39	54	17.8	47.9	830	-	-	-	-	44.4	1370	-	-	-	-	47.0						
300	78	41	55	19.3	47.5	840	130	65	59	47.8	44.0	1380	130	65	59	47.8	43.3						
310	80	42	56	20.5	47.0	850	-	-	-	-	43.3	1390	-	-	-	-	43.0						
320	84	44	56	21.8	45.9	860	-	-	-	-	44.0	1400	-	-	-	-	41.2						
330	87	45	57	23.2	46.4	870	-	-	-	-	43.6	1410	-	-	-	-	41.0						
340	90	47	58	24.7	47.1	880	-	-	-	-	43.6	1420	-	-	-	-	41.0						
350	93	47	58	25.8	46.9	890	-	-	-	-	44.9	1430	-	-	-	-	42.8						
360	95	49	58	26.8	46.9	900	130	65	59	47.8	43.9	1440	130	65	59	47.8	49.7						
370	98	49	58	28.1	46.3	910	-	-	-	-	43.9	1450	-	-	-	-	35.4						
380	100	51	59	29.6	46.3	920	-	-	-	-	43.9	1460	-	-	-	-	35.4						
390	103	51	59	30.8	46.3	930	-	-	-	-	43.0	1470	-	-	-	-	27.1						
400	105	52	59	32.1	45.6	940	-	-	-	-	42.0	1480	-	-	-	-	28.0						
410	107	53	59	33.1	45.3	950	-	-	-	-	42.1	1490	-	-	-	-	28.0						
420	109	54	59	34.2	45.3	960	130	65	59	47.8	43.0	1500	130	65	59	47.8	9.2						
430	110	55	59	34.9	45.3	970	-	-	-	-	43.0	1510	-	-	-	-	9.2						
440	113	56	59	36.6	46.6	980	-	-	-	-	44.2	1520	-	-	-	-	9.2						
450	114	58	59	37.2	48.6	990	-	-	-	-	44.5	1560	130	63	59	47.0	0.						
460	116	58	59	38.7	48.6	1000	-	-	-	-	44.5	1620	125	60	56	41.6	0.						
470	117	59	59	39.3	48.6	1010	-	-	-	-	44.8	1680	119	54	53	36.1	0.						
480	118	59	59	40.2	48.6	1020	130	65	59	47.8	44.0	1740	112	49	47	30.8	0.						
490	120	60	59	41.2	47.8	1030	-	-	-	-	43.4	1800	104	44	43	24.9	0.						
500	121	61	59	41.6	46.0	1040	-	-	-	-	43.0	1860	96	39	37	20.5	0.						
510	122	61	59	42.9	45.6	1050	-	-	-	-	42.9	1920	90	36	32	17.0	0.						
520	123	62	59	43.1	41.7	1060	-	-	-	-	42.9	1980	83	33	29	14.2	0.						
530	124	62	59	43.5	42.0	1070	-	-	-	-	44.0	2040	78	30	27	12.2	0.						

資料 3.88　流出量・降雨量および水路水位

DISCHARGE & R.I. 12 -6 -4, 530605, 1=100 0 AREA=636.M**2 QMAX= 96.0MM/H 12 -6 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	38	11	13	2.4	54.3	540	167	95	71	89.8	102.6	1080	172	100	71	96.1	102.2						
10	38	11	13	2.1	54.3	550	167	95	71	89.8	95.5	1090	-	-	-	-	106.3						
20	38	12	14	2.2	54.3	560	168	95	71	90.6	97.4	1100	-	-	-	-	107.2						
30	38	12	14	2.3	54.3	570	168	95	71	90.5	98.8	1110	-	-	-	-	107.8						
40	38	12	16	2.5	59.6	580	168	95	71	91.6	98.0	1120	-	-	-	-	104.5						
50	38	13	17	2.9	75.4	590	169	95	71	91.8	106.0	1130	-	-	-	-	104.8						
60	38	14	20	3.3	83.4	600	169	96	71	92.3	111.1	1140	172	100	71	96.1	104.0						
70	39	15	23	3.9	106.1	610	169	96	71	92.5	99.8	1150	-	-	-	-	104.3						
80	40	17	27	4.8	103.8	620	169	96	71	92.9	98.5	1160	-	-	-	-	105.9						
90	41	19	32	5.5	104.5	630	170	96	71	93.3	103.9	1170	-	-	-	-	107.5						
100	42	21	37	6.5	106.6	640	170	96	71	93.9	104.2	1180	-	-	-	-	105.4						
110	45	23	42	7.8	107.9	650	170	96	71	94.3	108.7	1190	-	-	-	-	98.5						
120	47	27	46	9.2	103.8	660	171	98	71	94.9	108.7	1200	172	100	71	95.7	91.0						
130	50	29	49	11.0	106.0	670	171	98	71	95.1	98.1	1210	-	-	-	-	11.5						
140	54	31	52	12.3	105.7	680	171	98	71	95.3	97.7	1220	-	-	-	-	11.5						
150	58	33	55	14.8	101.3	690	171	98	71	95.3	104.5	1230	-	-	-	-	11.5						
160	64	36	58	19.1	93.6	700	171	98	71	95.2	99.9	1240	-	-	-	-	11.5						
170	68	39	58	21.0	92.7	710	171	98	71	95.1	100.0	1260	170	96	68	91.3	0.						
180	74	41	59	24.1	95.0	720	172	99	71	95.5	101.1	1320	163	89	65	81.8	0.						
190	86	44	60	29.5	96.7	730	-	-	-	-	98.6	1380	152	80	62	67.8	0.						
200	91	48	62	32.5	94.5	740	-	-	-	-	94.3	1440	144	72	59	58.2	0.						
210	98	52	63	34.4	119.8	750	-	-	-	-	97.0	1500	132	62	56	46.5	0.						
220	104	55	63	36.4	120.7	760	-	-	-	-	97.9	1560	120	52	48	35.7	0.						
230	110	59	64	40.2	98.5	770	-	-	-	-	98.0	1620	109	45	40	27.6	0.						
240	110	61	65	39.3	95.7	780	172	99	71	95.8	103.4	1680	98	39	32	20.4	0.						
250	115	64	65	42.2	91.0	790	-	-	-	-	105.4	1740	89	34	27	15.9	0.						
260	119	66	66	44.3	93.8	800	-	-	-	-	106.2	1800	81	30	26	12.8	0.						
270	124	68	66	49.3	104.8	810	-	-	-	-	100.5	1860	75	27	23	10.3	0.						
280	126	70	67	51.1	102.3	820	-	-	-	-	100.3	1920	68	24	21	7.9	0.						
290	130	72	67	54.2	102.4	830	-	-	-	-	96.5	1980	63	22	20	6.6	0.						
300	132	75	67	55.7	102.0	840	172	99	71	95.8	97.8	2040	59	20	18	5.6	0.						
310	137	77	67	60.0	101.4	850	-	-	-	-	97.9	2100	56	19	17	4.9	0.						
320	140	78	67	62.6	101.4	860	-	-	-	-	101.9	2160	52	18	16	4.2	0.						
330	142	80	68	64.8	106.6	870	-	-	-	-	104.7	2220	50	16	15	3.8	0.						
340	145	81	68	66.7	108.1	880	-	-	-	-	101.4	2280	47	15	14	3.2	0.						
350	147	83	67	69.2	101.9	890	-	-	-	-	99.0	2340	45	15	14	2.9	0.						
360	149	84	68	70.4	98.5	900	172	99	71	96.1	101.1	2400	43	14	13	2.6	0.						
370	151	85	68	72.4	97.7	910	-	-	-	-	110.4	2460	41	13	13	2.4	0.						
380	153	86	68	74.7	96.4	920	-	-	-	-	109.7	2520	40	12	12	2.1	0.						
390	155	87	68	76.8	97.2	930	-	-	-	-	106.7	2580	38	12	12	2.4	0.						
400	157	88	69	78.6	101.1	940	-	-	-	-	102.1												
410	157	89	69	79.0	100.9	950	-	-	-	-	103.7												
420	159	90	69	80.8	99.3	960	172	99	71	96.1	100.4												
430	160	90	69	81.6	103.1	970	-	-	-	-	105.8												
440	160	91	69	82.6	108.8	980	-	-	-	-	107.7												
450	162	92	69	84.3	103.5	990	-	-	-	-	106.4												
460	163	92	69	85.0	105.3	1000	-	-	-	-	104.1												
470	163	93	69	85.9	107.3	1010	-	-	-	-	102.8												
480	163	93	71	85.6	98.8	1020	172	100	71	96.1	101.6												
490	165	93	71	87.3	94.0	1030	-	-	-	-	100.8												
500	165	93	71	87.7	98.2	1040	-	-	-	-	106.8												
510	166	93	71	88.8	100.3	1050	-	-	-	-	108.3												
520	167	93	71	89.4	102.9	1060	-	-	-	-	100.8												
530	167	93	71	89.4	103.1	1070	-	-	-	-	100.2												

資料 3.89　流出量・降雨量および水路水位

DISCHARGE & R.I.　12 -7 -4,　530605,　1-150　0 AREA=636.M**2　QMAX=134.3MM/H　　12 -7 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	37	11	12	2.2	59.7	540	188	115	77	120.5	135.5	1080	-	-	-	-	142.9	2090	98	38	30	20.3	0.
10	36	11	13	2.0	59.7	550	189	115	77	122.5	134.7	1090	-	-	-	-	127.8	2150	89	33	26	15.9	0.
20	36	11	13	2.3	59.7	560	189	115	77	122.5	145.1	1100	-	-	-	-	124.8	2210	81	30	24	12.7	0.
30	37	12	15	2.6	59.7	570	189	115	77	122.5	144.4	1110	-	-	-	-	131.1	2270	75	26	21	10.3	0.
40	37	13	17	3.4	69.8	580	189	115	77	122.3	156.5	1120	-	-	-	-	130.1	2330	68	24	20	8.0	0.
50	38	14	23	4.2	99.9	590	189	115	77	122.4	141.4	1130	197	122	80	134.5	123.5	2390	63	22	18	6.6	0.
60	38	17	25	4.9	106.4	600	-	-	-	-	149.2	1140	-	-	-	-	128.3	2450	59	20	17	5.7	0.
70	40	19	34	6.0	118.3	610	-	-	-	-	137.6	1150	-	-	-	-	121.2	2510	56	19	16	5.0	0.
80	42	21	42	7.7	160.6	620	-	-	-	-	132.5	1160	-	-	-	-	122.5	2570	53	17	15	4.4	0.
90	45	24	48	9.6	154.6	630	-	-	-	-	143.3	1170	-	-	-	-	132.6	2630	50	18	15	3.7	0.
100	48	28	53	11.6	151.3	640	-	-	-	-	144.4	1180	-	-	-	-	134.0	2690	48	15	14	4.0	0.
110	53	30	57	14.4	160.0	650	191	116	79	124.5	143.1	1190	197	122	80	134.5	153.1						
120	58	33	59	16.5	139.0	660	-	-	-	-	138.0	1200	-	-	-	-	142.0						
130	64	39	61	20.1	133.3	670	-	-	-	-	142.0	1210	-	-	-	-	146.3						
140	72	41	62	23.4	131.6	680	-	-	-	-	140.3	1220	-	-	-	-	145.0						
150	78	46	64	27.1	128.7	690	-	-	-	-	144.5	1230	-	-	-	-	138.6						
160	87	52	66	32.1	126.3	700	-	-	-	-	141.2	1240	-	-	-	-	125.0						
170	94	56	66	36.1	146.7	710	192	117	78	126.5	137.5	1250	197	122	80	134.5	122.9						
180	103	62	68	41.0	135.9	720	-	-	-	-	148.2	1260	-	-	-	-	120.8						
190	112	67	68	46.8	151.4	730	-	-	-	-	158.3	1270	-	-	-	-	130.3						
200	120	71	69	52.2	146.2	740	-	-	-	-	148.9	1280	-	-	-	-	137.4						
210	125	73	69	54.7	138.8	750	-	-	-	-	141.8	1290	-	-	-	-	132.9						
220	131	76	69	58.9	137.9	760	-	-	-	-	149.1	1300	-	-	-	-	128.3						
230	136	78	70	62.7	137.6	770	193	118	79	128.6	143.9	1310	197	122	80	134.5	124.3						
240	140	81	71	65.7	140.9	780	-	-	-	-	143.3	1320	-	-	-	-	131.0						
250	145	84	71	70.3	147.6	790	-	-	-	-	143.9	1330	-	-	-	-	132.4						
260	150	87	72	75.3	153.2	800	-	-	-	-	141.2	1340	-	-	-	-	135.7						
270	152	89	73	78.0	134.5	810	-	-	-	-	135.7	1350	-	-	-	-	136.2						
280	157	92	73	82.5	136.0	820	-	-	-	-	136.3	1360	-	-	-	-	135.3						
290	160	94	74	85.9	131.1	830	194	119	80	130.5	135.9	1370	197	122	80	134.5	129.0						
300	163	95	73	89.9	138.7	840	-	-	-	-	142.7	1380	-	-	-	-	146.6						
310	166	97	74	92.5	141.6	850	-	-	-	-	146.0	1390	-	-	-	-	132.5						
320	168	98	74	94.7	137.1	860	-	-	-	-	154.9	1400	-	-	-	-	133.3						
330	170	101	75	97.1	134.0	870	-	-	-	-	159.1	1410	-	-	-	-	131.8						
340	173	102	75	100.2	143.0	880	-	-	-	-	150.6	1420	-	-	-	-	132.3						
350	175	103	75	102.7	153.2	890	195	120	80	131.5	140.7	1430	197	122	80	134.5	147.9						
360	176	105	76	104.1	139.4	900	-	-	-	-	141.3	1440	-	-	-	-	146.3						
370	177	105	76	105.6	130.7	910	-	-	-	-	143.6	1450	-	-	-	-	140.1						
380	178	106	75	106.7	138.2	920	-	-	-	-	139.3	1460	-	-	-	-	132.0						
390	179	107	75	107.9	151.0	930	-	-	-	-	134.9	1470	-	-	-	-	145.3						
400	181	108	77	109.9	137.1	940	-	-	-	-	134.0	1480	-	-	-	-	149.1						
410	182	109	76	111.3	134.6	950	197	122	79	134.8	129.7	1490	197	122	80	134.5	85.3						
420	182	109	76	112.0	139.2	960	-	-	-	-	131.4	1500	-	-	-	-	15.0						
430	183	109	76	112.6	146.5	970	-	-	-	-	137.5	1510	-	-	-	-	15.0						
440	183	110	76	113.5	144.5	980	-	-	-	-	149.4	1520	-	-	-	-	15.0						
450	184	111	76	114.7	127.2	990	-	-	-	-	148.3	1550	197	122	80	133.7	0.						
460	185	112	76	116.4	137.1	1000	-	-	-	-	142.7	1610	192	114	76	124.2	0.						
470	185	112	76	116.7	137.3	1010	197	122	80	134.5	125.5	1670	184	106	71	110.5	0.						
480	186	112	77	117.5	138.2	1020	-	-	-	-	135.2	1730	172	96	67	92.7	0.						
490	187	112	77	119.1	136.0	1030	-	-	-	-	155.9	1790	162	87	64	79.6	0.						
500	188	112	77	119.9	129.8	1040	-	-	-	-	149.2	1850	151	77	61	65.7	0.						
510	188	113	77	120.9	137.4	1050	-	-	-	-	143.3	1910	138	66	57	51.5	0.						
520	188	113	77	120.9	149.2	1060	-	-	-	-	131.6	1970	124	54	48	38.6	0.						
530	188	113	77	120.7	157.7	1070	197	122	80	134.5	150.4	2030	111	46	39	28.2	0.						

資料 3.90　流出量・降雨量および水路水位

DISCHARGE & R.I., 12 -8 -4, 530605, 1-200 0 AREA=636.M**2 QMAX=156.4MM/H 12 -8 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	32	10	11	1.6	56.6	540	199	125	84	139.3	168.6	1080	209	134	87	156.7	149.5	2340	65	22	19	7.0	0.
10	32	10	11	1.8	56.6	550	199	125	84	139.3	184.9	1090	-	-	-	-	146.7	2400	60	20	18	5.8	0.
20	32	10	11	2.1	56.6	560	199	125	84	139.1	156.7	1100	-	-	-	-	173.6	2460	56	19	16	5.0	0.
30	32	10	13	2.6	56.6	570	201	126	84	141.7	161.3	1110	-	-	-	-	176.4	2520	53	18	16	4.3	0.
40	33	11	16	3.1	61.4	580	201	126	84	141.7	155.8	1120	-	-	-	-	172.5	2580	50	16	15	3.8	0.
50	34	14	22	4.3	150.6	590	201	126	84	141.7	143.3	1130	-	-	-	-	151.2	2640	48	15	14	4.0	0.
60	35	15	29	5.7	228.5	600	202	127	85	143.9	153.8	1140	210	135	87	157.4	170.4						
70	37	19	38	7.7	183.7	610	202	127	85	143.9	173.2	1150	-	-	-	-	165.2						
80	40	23	51	10.0	195.6	620	202	127	85	143.9	181.9	1160	-	-	-	-	129.5						
90	44	26	58	12.6	208.1	630	203	127	85	146.1	181.2	1170	-	-	-	-	139.0						
100	51	31	61	16.0	186.4	640	203	127	85	145.9	186.8	1180	-	-	-	-	138.5						
110	58	36	63	20.1	164.5	650	203	127	85	146.0	187.4	1190	-	-	-	-	140.7						
120	65	41	65	23.9	119.1	660	204	129	86	148.0	184.6	1200	208	133	87	154.3	142.5						
130	74	46	67	28.2	120.7	670	-	-	-	-	143.1	1210	-	-	-	-	136.9						
140	85	51	69	33.9	149.9	680	-	-	-	-	160.9	1220	-	-	-	-	133.5						
150	94	59	70	38.9	160.9	690	-	-	-	-	156.4	1230	-	-	-	-	155.9						
160	104	64	70	44.7	164.7	700	-	-	-	-	136.4	1240	-	-	-	-	150.4						
170	113	69	71	49.6	151.3	710	-	-	-	-	148.0	1250	-	-	-	-	146.6						
180	123	73	73	56.0	138.4	720	206	130	86	150.2	158.2	1260	209	134	87	157.0	153.0						
190	131	77	74	61.7	151.1	730	-	-	-	-	169.6	1270	-	-	-	-	165.9						
200	136	81	75	65.6	162.8	740	-	-	-	-	169.4	1280	-	-	-	-	176.5						
210	142	83	74	70.5	178.8	750	-	-	-	-	162.8	1290	-	-	-	-	189.5						
220	147	86	76	74.6	182.0	760	-	-	-	-	153.5	1300	-	-	-	-	175.5						
230	152	90	75	79.3	168.1	770	-	-	-	-	149.0	1310	-	-	-	-	176.2						
240	157	94	76	85.0	154.1	780	207	132	86	152.4	171.7	1320	211	136	87	159.4	156.1						
250	161	95	78	89.6	164.3	790	-	-	-	-	156.2	1330	-	-	-	-	173.7						
260	166	99	77	94.9	165.8	800	-	-	-	-	130.1	1340	-	-	-	-	191.6						
270	170	101	77	98.7	161.1	810	-	-	-	-	130.4	1350	-	-	-	-	215.3						
280	173	104	79	101.9	165.6	820	-	-	-	-	153.4	1360	-	-	-	-	156.9						
290	175	105	78	105.3	189.1	830	-	-	-	-	150.2	1370	-	-	-	-	140.3						
300	177	105	78	107.1	160.1	840	208	132	86	153.6	152.1	1380	212	136	87	161.5	175.2						
310	178	106	79	108.6	163.5	850	-	-	-	-	164.1	1390	-	-	-	-	179.7						
320	181	109	79	112.3	171.3	860	-	-	-	-	175.0	1400	-	-	-	-	175.1						
330	183	110	80	114.7	168.8	870	-	-	-	-	151.4	1410	-	-	-	-	158.9						
340	185	112	81	117.1	164.2	880	-	-	-	-	130.5	1420	-	-	-	-	137.9						
350	185	112	79	117.4	170.4	890	-	-	-	-	141.1	1430	-	-	-	-	154.1						
360	187	114	79	120.2	171.9	900	208	133	87	154.5	177.5	1440	212	136	87	160.7	155.8						
370	188	115	80	120.8	150.8	910	-	-	-	-	153.2	1450	-	-	-	-	151.3						
380	189	115	79	123.6	155.2	920	-	-	-	-	169.7	1460	-	-	-	-	161.6						
390	189	116	79	124.1	170.1	930	-	-	-	-	173.1	1470	-	-	-	-	78.8						
400	191	119	81	126.2	190.9	940	-	-	-	-	158.9	1500	207	130	81	151.3	0.						
410	192	119	82	128.6	153.3	950	-	-	-	-	158.7	1560	201	123	79	138.6	0.						
420	193	119	82	130.4	149.7	960	209	134	87	155.9	151.4	1620	192	115	75	123.4	0.						
430	194	119	81	131.6	169.9	970	-	-	-	-	186.7	1680	183	107	72	108.8	0.						
440	194	120	81	131.4	181.6	980	-	-	-	-	173.7	1740	173	97	68	94.7	0.						
450	195	121	82	132.2	167.2	990	-	-	-	-	183.2	1800	162	87	63	79.3	0.						
460	195	120	82	132.6	178.4	1000	-	-	-	-	189.7	1860	150	76	60	64.0	0.						
470	196	121	82	134.4	156.8	1010	-	-	-	-	171.7	1920	136	64	55	49.5	0.						
480	196	123	83	133.4	161.8	1020	209	135	87	156.7	140.9	1980	121	53	46	35.8	0.						
490	198	125	83	137.7	175.5	1030	-	-	-	-	128.2	2040	108	43	35	26.0	0.						
500	198	123	83	138.0	172.6	1040	-	-	-	-	171.0	2100	95	36	29	18.7	0.						
510	199	125	83	138.6	163.4	1050	-	-	-	-	244.5	2160	85	32	25	14.2	0.						
520	199	124	83	138.3	160.8	1060	-	-	-	-	159.3	2220	78	28	22	11.2	0.						
530	199	125	83	139.0	152.2	1070	-	-	-	-	149.5	2280	71	25	20	8.8	0.						

資料 3.91　流出量・降雨量および水路水位

DISCHARGE & R.I.　13 -1 -4,　530606,　2-150　0 AREA=636.M**2　QMAX= 58.2MM/H　13 -1 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	9	5	6	0.1	57.3
10	9	5	6	0.2	57.3
20	9	5	6	0.3	57.3
30	9	5	6	0.3	57.3
40	9	6	7	0.4	57.3
50	9	6	8	0.6	89.2
60	9	6	10	0.8	103.3
70	10	7	13	1.5	113.2
80	10	9	17	2.2	144.1
90	11	10	25	3.3	153.7
100	14	14	32	5.1	141.5
110	16	16	41	6.5	147.1
120	20	20	48	8.0	142.3
130	26	21	54	10.1	140.9
140	31	26	57	12.8	121.8
150	36	32	60	15.5	107.5
160	44	37	63	18.7	124.6
170	54	42	64	21.9	110.6
180	64	48	66	25.9	134.1
190	76	52	67	31.4	133.7
200	85	59	68	34.6	81.8
210	94	61	66	38.4	27.3
220	105	64	66	42.5	0.
230	113	66	65	46.2	0.
240	119	68	65	49.3	0.
250	124	70	66	50.5	0.
260	127	71	66	51.5	0.
270	130	72	65	53.2	0.
280	132	73	65	54.6	0.
290	135	74	65	56.3	0.
300	137	74	64	58.0	0.
310	139	75	64	58.8	0.
320	140	74	63	58.8	0.
330	141	74	62	58.8	0.
340	141	74	62	58.6	0.
350	141	73	61	57.9	0.
360	140	72	61	56.5	0.
370	140	72	60	56.2	0.
380	139	70	60	54.5	0.
390	137	69	59	53.1	0.
400	137	68	59	52.8	0.
410	136	67	59	51.4	0.
420	135	66	59	50.4	0.
430	134	64	58	48.6	0.
440	132	63	58	46.8	0.
450	131	62	57	45.6	0.
460	129	61	57	43.7	0.
470	127	60	56	42.1	0.
530	116	52	51	33.1	0.
590	108	46	46	27.5	0.
650	99	41	37	22.0	0.
710	91	37	31	17.5	0.
770	84	32	28	13.9	0.
830	77	30	26	11.3	0.
890	71	26	24	8.9	0.
950	65	23	22	7.2	0.
1010	61	21	21	6.1	0.
1070	57	20	20	5.2	0.
1130	54	19	19	4.5	0.
1190	51	17	18	3.9	0.
1250	49	16	17	3.5	0.
1310	46	16	16	3.0	0.
1370	44	15	16	2.7	0.
1430	42	14	15	2.5	0.
1490	41	13	14	2.3	0.
1550	39	13	14	2.1	0.
1610	38	13	14	1.9	0.
1670	37	12	13	1.7	0.
1730	35	11	13	-6.5	0.
1790	-18	-22	-20	0.0	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.92　流出量・降雨量および水路水位

DISCHARGE & R.I. 13 -2 -4, 530606, 2=150 0 AREA=636.M**2 QMAX= 65.4MM/H 13 -2 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	10	12	1.4	57.3	840	78	29	26	11.8	0.												
10	30	10	12	1.3	57.3	900	72	26	24	9.5	0.												
20	30	10	12	1.5	57.3	960	67	24	21	7.8	0.												
30	31	10	13	1.7	57.3	1020	62	22	20	6.5	0.												
40	31	11	15	2.2	59.2	1080	59	21	19	5.6	0.												
50	31	12	17	2.6	85.8	1140	55	20	18	4.7	0.												
60	32	13	21	3.3	96.4	1200	52	18	17	4.2	0.												
70	33	15	28	4.3	121.0	1260	50	17	16	3.9	0.												
80	34	18	33	5.5	147.2	1320	48	16	15	3.3	0.												
90	37	21	40	7.0	155.9	1380	45	15	14	2.9	0.												
100	39	23	49	8.8	146.4	1440	43	14	14	2.6	0.												
110	43	27	53	11.1	132.5	1500	41	13	13	2.3	0.												
120	48	30	58	13.4	144.4	1560	40	13	13	2.2	0.												
130	54	34	60	16.2	137.8	1620	39	13	13	2.0	0.												
140	60	38	61	19.3	149.0	1680	37	12	12	1.8	0.												
150	67	42	64	23.1	130.7	1740	36	12	12	2.0	0.												
160	75	47	65	26.7	129.5																		
170	84	53	67	31.7	131.7																		
180	92	58	68	36.1	128.0																		
190	101	62	68	40.7	131.5																		
200	111	67	68	46.2	138.3																		
210	119	71	68	50.2	0.																		
220	124	73	67	53.4	0.																		
230	129	74	67	54.9	0.																		
240	132	75	67	56.4	0.																		
250	136	75	67	58.7	0.																		
260	137	77	67	59.5	0.																		
270	140	79	66	61.4	0.																		
280	142	80	65	63.2	0.																		
290	145	80	65	65.3	0.																		
300	146	80	65	66.2	0.																		
310	147	80	64	66.1	0.																		
320	148	80	64	66.3	0.																		
330	148	79	64	65.8	0.																		
340	147	79	63	64.9	0.																		
350	147	78	63	64.3	0.																		
360	147	77	62	63.8	0.																		
370	146	76	61	62.7	0.																		
380	145	75	61	60.9	0.																		
390	144	74	60	59.8	0.																		
400	144	73	60	58.8	0.																		
410	142	71	59	57.2	0.																		
420	141	70	59	56.1	0.																		
430	139	68	58	52.9	0.																		
440	137	67	58	51.1	0.																		
450	136	65	57	50.1	0.																		
460	134	64	57	47.8	0.																		
470	131	62	56	45.4	0.																		
480	130	61	56	44.0	0.																		
540	119	53	50	34.8	0.																		
600	109	46	45	28.1	0.																		
660	100	40	37	22.2	0.																		
720	91	36	31	17.4	0.																		
780	84	32	28	14.4	0.																		

資料 3.93　流出量・降雨量および水路水位

DISCHARGE & R.I.　13 -3 -4,　530606,　3 -20-100 AREA=636.M**2　QMAX= 18.1MM/H　　13 -3 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	10	11	1.4	13.9	540	69	30	37	11.4	22.5	1080	87	38	43	17.7	21.7	1620	147	79	63	64.6	24.5
10	31	10	11	1.4	13.9	550	69	31	38	11.6	22.5	1090	-	-	-	-	21.7	1630	147	78	63	64.1	24.5
20	31	10	11	1.3	13.9	560	71	31	38	12.1	22.5	1100	-	-	-	-	21.7	1640	146	78	63	63.6	24.5
30	31	10	11	1.4	13.9	570	71	32	38	12.3	22.8	1110	-	-	-	-	21.2	1650	146	77	62	63.0	25.6
40	31	10	11	1.4	13.9	580	72	32	38	12.6	23.1	1120	-	-	-	-	20.7	1660	146	76	62	62.3	26.7
50	31	10	11	1.3	13.9	590	73	32	38	12.9	23.1	1130	-	-	-	-	20.7	1670	145	75	62	61.5	27.9
60	31	10	11	1.3	13.9	600	74	32	39	13.1	23.1	1140	87	38	43	17.8	20.7	1680	144	74	62	60.3	27.9
70	31	10	12	1.4	13.9	610	74	32	39	13.2	23.6	1150	-	-	-	-	20.7	1690	144	74	61	59.7	27.9
80	31	11	12	1.5	13.9	620	75	33	39	13.4	23.7	1160	-	-	-	-	20.7	1700	142	73	61	58.1	28.3
90	31	11	12	1.5	13.9	630	76	33	40	13.7	23.7	1170	-	-	-	-	18.0	1710	142	72	60	57.3	29.7
100	31	11	13	1.5	13.9	640	76	33	41	13.8	24.0	1180	-	-	-	-	19.0	1720	141	71	60	56.4	29.7
110	31	11	13	1.6	14.2	650	77	33	41	14.1	24.4	1190	-	-	-	-	19.2	1730	139	70	60	54.8	30.8
120	31	11	14	1.7	14.4	660	77	34	41	14.2	24.4	1200	87	38	44	18.0	19.2	1740	139	70	60	53.9	31.0
130	31	12	15	1.8	15.2	670	78	34	41	14.4	24.4	1210	-	-	-	-	19.2	1750	138	68	59	52.8	31.3
140	31	12	16	2.1	17.0	680	79	34	41	14.7	24.3	1220	-	-	-	-	19.2	1760	136	67	59	51.4	31.6
150	32	12	17	2.2	17.0	690	79	35	42	15.0	27.5	1230	-	-	-	-	19.2	1770	135	66	59	50.0	31.6
160	32	13	18	2.3	17.0	700	79	35	42	15.0	27.5	1240	-	-	-	-	19.2	1780	134	65	58	48.7	31.6
170	33	13	19	2.6	17.0	710	80	35	42	15.2	24.7	1250	-	-	-	-	21.8	1790	132	64	58	47.6	30.1
180	33	14	20	2.7	17.0	720	81	35	42	15.3	24.7	1260	88	38	43	18.2	28.8	1800	131	63	58	46.5	32.1
190	34	15	21	2.7	17.0	730	81	35	42	15.5	24.7	1270	88	38	43	18.2	41.1	1810	130	65	58	45.3	32.1
200	34	15	21	2.7	17.3	740	81	35	42	15.4	24.7	1280	88	38	43	18.4	41.1	1820	129	64	58	44.3	32.1
210	35	16	22	3.1	19.7	750	81	35	42	15.5	24.7	1290	88	38	44	18.4	44.9	1830	128	61	57	43.4	31.8
220	36	16	23	3.4	19.7	760	82	36	43	15.8	25.9	1300	88	39	45	18.6	70.7	1840	126	60	57	42.4	29.5
230	36	17	23	3.6	19.7	770	82	36	43	15.8	28.9	1310	88	39	46	19.0	78.8	1850	125	60	57	41.8	29.2
240	37	17	24	3.9	19.7	780	82	36	43	16.0	28.9	1320	89	39	48	19.4	80.4	1860	124	59	57	40.7	28.3
250	38	18	24	4.2	19.7	790	83	36	43	16.2	28.9	1330	89	40	50	20.1	84.4	1870	-	-	-	-	28.3
260	39	19	25	4.5	19.7	800	83	36	43	16.4	30.2	1340	90	41	53	21.2	84.9	1880	-	-	-	-	30.3
270	41	19	25	4.8	18.7	810	83	36	43	16.4	30.1	1350	91	42	56	22.4	93.6	1890	-	-	-	-	29.7
280	42	20	26	5.0	17.2	820	84	37	43	16.5	27.6	1360	93	44	57	23.5	93.8	1900	-	-	-	-	29.7
290	43	21	27	5.2	17.2	830	84	37	43	16.6	27.6	1370	95	46	59	25.5	93.0	1910	-	-	-	-	29.7
300	44	21	27	5.5	15.6	840	84	37	43	16.8	27.6	1380	97	47	59	27.4	102.5	1920	119	54	55	36.4	29.7
310	45	21	27	5.7	15.6	850	-	-	-	-	27.6	1390	99	49	60	28.7	103.6	1930	-	-	-	-	30.6
320	46	22	27	5.9	15.6	860	-	-	-	-	27.6	1400	102	51	61	31.4	97.5	1940	-	-	-	-	30.4
330	48	23	28	6.1	15.6	870	-	-	-	-	27.6	1410	105	53	62	33.2	93.7	1950	-	-	-	-	29.3
340	49	23	28	6.3	15.6	880	-	-	-	-	28.5	1420	108	57	63	36.2	90.9	1960	-	-	-	-	29.3
350	50	23	29	6.6	15.6	890	-	-	-	-	30.5	1430	111	58	64	38.1	85.9	1970	-	-	-	-	29.3
360	51	23	29	6.7	18.3	900	86	37	43	17.4	29.2	1440	114	61	65	40.4	88.7	1980	114	52	55	32.9	30.1
370	52	24	29	7.0	22.9	910	-	-	-	-	26.3	1450	119	63	65	43.7	94.0	1990	-	-	-	-	28.8
380	53	24	30	7.3	22.9	920	-	-	-	-	26.3	1460	121	65	65	45.6	94.0	2000	-	-	-	-	27.7
390	54	25	30	7.6	22.9	930	-	-	-	-	26.3	1470	124	67	66	48.0	89.8	2010	-	-	-	-	27.7
400	55	25	31	7.8	23.2	940	-	-	-	-	25.3	1480	127	70	66	49.7	88.0	2020	-	-	-	-	27.6
410	56	25	31	7.8	23.6	950	-	-	-	-	23.3	1490	129	73	66	52.1	89.1	2030	-	-	-	-	27.1
420	58	26	32	8.3	23.6	960	86	37	43	17.3	22.0	1500	132	75	66	54.0	91.1	2040	111	50	53	31.0	27.1
430	58	26	32	8.4	24.8	970	-	-	-	-	22.0	1510	135	75	65	56.6	62.7	2050	-	-	-	-	27.1
440	59	27	33	8.8	24.8	980	-	-	-	-	22.0	1520	137	76	65	58.5	53.3	2060	-	-	-	-	27.1
450	60	27	33	8.9	24.8	990	-	-	-	-	22.0	1530	139	76	65	60.1	53.3	2070	-	-	-	-	24.1
460	61	27	34	9.2	24.8	1000	-	-	-	-	22.0	1540	141	77	64	60.9	51.7	2080	-	-	-	-	20.9
470	63	27	35	9.8	24.8	1010	-	-	-	-	24.3	1550	142	78	64	61.5	48.2	2090	-	-	-	-	20.9
480	63	28	35	9.8	26.1	1020	87	38	43	17.6	24.3	1560	144	79	64	63.3	48.2	2100	107	49	52	28.7	20.9
490	64	28	36	10.2	27.3	1030	-	-	-	-	24.3	1570	144	80	64	63.7	42.8	2110	-	-	-	-	20.9
500	66	29	37	10.5	28.9	1040	-	-	-	-	24.3	1580	145	80	64	64.5	34.2	2120	-	-	-	-	22.8
510	66	29	37	10.6	28.9	1050	-	-	-	-	24.3	1590	146	80	64	64.8	24.5	2130	-	-	-	-	22.8
520	67	30	37	11.0	28.7	1060	-	-	-	-	23.7	1600	146	80	64	64.8	24.5	2140	-	-	-	-	22.8
530	68	30	37	11.2	22.5	1070	-	-	-	-	22.3	1610	147	79	64	64.7	24.5	2150	-	-	-	-	22.8

資料 3.94　流出量・降雨量および水路水位

DISCHARGE & R.I. 13 -3 -4, 530606, 3 -20-100 AREA=636.M**2 QMAX= 18.1MM/H 13 -3 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	104	46	49	26.8	25.7	2700	94	41	46	21.0	17.9												
2170	-	-	-	-	26.4	2710	-	-	-	-	17.9												
2180	-	-	-	-	26.4	2720	-	-	-	-	17.9												
2190	-	-	-	-	27.0	2730	-	-	-	-	16.8												
2200	-	-	-	-	27.2	2740	-	-	-	-	16.6												
2210	-	-	-	-	27.8	2750	-	-	-	-	16.6												
2220	101	45	48	25.0	30.1	2760	94	41	46	21.0	16.5												
2230	-	-	-	-	29.2	2770	-	-	-	-	16.5												
2240	-	-	-	-	25.8	2780	-	-	-	-	16.5												
2250	-	-	-	-	26.7	2790	-	-	-	-	16.5												
2260	-	-	-	-	26.0	2800	-	-	-	-	8.5												
2270	-	-	-	-	25.0	2810	-	-	-	-	8.5												
2280	100	44	47	24.2	25.0	2820	93	41	46	20.4	8.5												
2290	-	-	-	-	25.0	2880	91	40	43	19.3	0.												
2300	-	-	-	-	23.2	2940	89	37	38	17.5	0.												
2310	-	-	-	-	22.4	3000	85	35	33	15.4	0.												
2320	-	-	-	-	22.4	3060	81	32	30	13.3	0.												
2330	-	-	-	-	23.5	3120	76	30	27	12.7	0.												
2340	98	43	47	23.3	23.8																		
2350	-	-	-	-	24.0																		
2360	-	-	-	-	26.1																		
2370	-	-	-	-	26.1																		
2380	-	-	-	-	26.1																		
2390	-	-	-	-	25.2																		
2400	97	43	47	22.5	25.9																		
2410	-	-	-	-	26.9																		
2420	-	-	-	-	26.9																		
2430	-	-	-	-	26.9																		
2440	-	-	-	-	26.4																		
2450	-	-	-	-	25.9																		
2460	95	42	46	21.9	28.6																		
2470	-	-	-	-	28.6																		
2480	-	-	-	-	27.9																		
2490	-	-	-	-	25.3																		
2500	-	-	-	-	25.3																		
2510	-	-	-	-	24.7																		
2520	95	42	46	21.7	24.5																		
2530	-	-	-	-	24.5																		
2540	-	-	-	-	23.2																		
2550	-	-	-	-	22.3																		
2560	-	-	-	-	23.0																		
2570	-	-	-	-	25.8																		
2580	95	42	46	21.6	25.8																		
2590	-	-	-	-	25.8																		
2600	-	-	-	-	25.8																		
2610	-	-	-	-	21.4																		
2620	-	-	-	-	17.8																		
2630	-	-	-	-	17.8																		
2640	94	41	46	21.4	17.8																		
2650	-	-	-	-	17.8																		
2660	-	-	-	-	17.7																		
2670	-	-	-	-	16.9																		
2680	-	-	-	-	16.9																		
2690	-	-	-	-	17.4																		

資料 3.95　流出量・降雨量および水路水位

DISCHARGE & R.I.　13 -4 -4,　530606,　2=200　0 AREA=636.M**2　QMAX=100.4MM/H　　13 -4 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	10	11	1.4	92.5	540	144	70	58	57.5	0.												
10	31	11	11	2.2	92.5	550	141	68	57	54.6	0.												
20	31	11	13	2.5	92.5	560	139	66	57	51.8	0.												
30	31	12	16	3.0	120.1	570	137	65	56	49.6	0.												
40	32	15	21	3.4	162.9	580	134	63	55	47.4	0.												
50	34	17	30	5.8	190.2	590	132	61	55	45.6	0.												
60	36	21	43	7.4	197.8	600	129	60	54	42.9	0.												
70	37	24	51	9.2	196.2	610	128	58	52	41.8	0.												
80	44	27	57	12.5	167.2	620	126	57	51	40.4	0.												
90	49	31	60	15.8	165.7	630	124	55	49	38.4	0.												
100	56	38	63	20.2	172.4	640	122	54	48	36.9	0.												
110	64	43	66	24.1	176.5	650	119	52	47	34.7	0.												
120	74	50	68	29.3	188.6	660	117	51	45	33.3	0.												
130	84	57	68	35.3	189.9	720	106	44	37	25.6	0.												
140	96	61	68	42.1	177.4	780	96	38	32	19.3	0.												
150	106	67	70	47.6	174.3	840	86	34	27	14.9	0.												
160	119	76	73	56.1	176.0	900	79	30	25	12.1	0.												
170	127	80	73	61.4	178.4	960	74	27	22	9.9	0.												
180	135	84	75	66.4	153.7	1020	68	24	21	7.9	0.												
190	143	88	75	72.2	157.3	1080	63	22	19	6.6	0.												
200	149	89	75	77.6	139.3	1140	59	21	18	5.6	0.												
210	152	94	76	81.1	135.2	1200	55	20	17	4.8	0.												
220	157	96	76	85.4	142.1	1260	52	18	16	4.1	0.												
230	164	99	77	92.2	92.3	1320	50	17	15	3.7	0.												
240	169	102	77	97.8	94.8	1380	47	16	14	3.3	0.												
250	171	104	76	99.8	42.9	1440	45	15	14	2.9	0.												
260	174	104	74	101.4	0.	1500	43	13	12	3.2	0.												
270	174	104	73	100.7	0.																		
280	174	104	73	100.4	0.																		
290	175	104	73	100.0	0.																		
300	175	104	72	100.4	0.																		
310	175	103	71	100.6	0.																		
320	175	102	70	100.2	0.																		
330	175	102	70	98.7	0.																		
340	175	101	70	98.2	0.																		
350	174	99	69	96.3	0.																		
360	172	98	69	93.3	0.																		
370	171	96	68	92.2	0.																		
380	170	95	68	90.2	0.																		
390	169	94	67	88.9	0.																		
400	167	93	66	86.2	0.																		
410	166	91	65	85.2	0.																		
420	164	90	65	82.5	0.																		
430	163	89	64	80.6	0.																		
440	161	87	64	78.3	0.																		
450	160	86	64	76.9	0.																		
460	158	84	63	74.8	0.																		
470	156	83	62	72.2	0.																		
480	155	81	62	70.0	0.																		
490	153	79	61	68.5	0.																		
500	151	78	60	66.1	0.																		
510	149	76	59	63.2	0.																		
520	147	74	59	60.9	0.																		
530	145	72	58	59.2	0.																		

資料 3.96　流出量・降雨量および水路水位

DISCHARGE & R.I., 13 -5 -4, 530606, 3 -20-200 AREA=636.M**2 QMAX= 19.1MM/H 13 -5 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	16	7	8	0.3	12.0	540	63	29	37	10.3	41.1	1080	89	39	45	18.7	29.7	1620	90	40	46	19.1	34.7
10	16	7	8	0.3	12.0	550	64	29	37	10.5	42.1	1090	-	-	-	-	29.7	1630	-	-	-	-	35.2
20	16	7	8	0.3	12.0	560	65	30	37	10.7	41.8	1100	-	-	-	-	30.7	1640	-	-	-	-	37.4
30	16	7	8	0.3	12.0	570	66	30	38	11.0	39.8	1110	-	-	-	-	30.5	1650	-	-	-	-	37.4
40	16	7	9	0.3	12.0	580	67	30	38	11.2	40.0	1120	-	-	-	-	30.3	1660	-	-	-	-	37.4
50	16	7	9	0.3	12.0	590	68	31	38	11.7	40.0	1130	-	-	-	-	30.2	1670	-	-	-	-	39.1
60	16	7	9	0.3	12.0	600	69	31	38	11.7	40.0	1140	89	40	45	18.8	30.2	1680	90	40	45	19.2	38.5
70	16	8	9	0.4	12.0	610	70	31	38	12.4	38.5	1150	-	-	-	-	30.2	1690	-	-	-	-	40.6
80	16	8	9	0.4	12.0	620	71	32	39	12.5	33.7	1160	-	-	-	-	31.1	1700	-	-	-	-	40.6
90	16	8	10	0.4	12.0	630	72	32	40	12.7	29.5	1170	-	-	-	-	33.3	1710	-	-	-	-	40.6
100	16	8	10	0.5	12.0	640	73	33	41	13.3	29.5	1180	-	-	-	-	33.3	1720	-	-	-	-	40.6
110	16	8	10	0.5	12.0	650	74	33	41	13.2	29.5	1190	-	-	-	-	33.3	1730	-	-	-	-	65.8
120	16	8	11	0.6	12.0	660	75	33	42	13.6	28.7	1200	90	40	45	19.1	32.6	1740	91	40	49	20.4	118.0
130	16	8	11	0.6	14.5	670	76	34	42	13.9	28.5	1210	-	-	-	-	28.7	1750	91	43	54	21.1	152.6
140	16	8	12	0.7	14.5	680	76	34	43	14.1	28.1	1220	-	-	-	-	27.6	1760	93	43	55	22.4	172.9
150	17	8	13	0.8	15.8	690	77	35	44	14.3	28.0	1230	-	-	-	-	27.6	1770	94	45	58	25.4	248.8
160	17	9	14	0.9	17.8	700	78	35	44	14.5	28.5	1240	-	-	-	-	27.6	1780	96	48	62	28.0	211.5
170	17	9	14	1.0	17.8	710	79	35	44	15.0	29.7	1250	-	-	-	-	27.6	1790	100	51	64	31.2	210.7
180	18	10	15	1.2	17.8	720	79	36	44	15.2	29.7	1260	90	40	46	19.2	30.4	1800	104	55	66	34.7	193.8
190	18	10	16	1.4	17.8	730	80	36	44	15.4	29.7	1270	-	-	-	-	30.7	1810	109	59	68	39.5	204.2
200	19	10	16	1.6	17.8	740	80	36	44	15.5	29.3	1280	-	-	-	-	33.9	1820	114	64	70	43.7	210.0
210	19	11	17	1.8	20.6	750	81	36	45	15.9	33.8	1290	-	-	-	-	33.2	1830	119	69	70	47.9	219.7
220	20	12	18	1.8	20.6	760	81	37	45	15.9	35.0	1300	-	-	-	-	28.8	1840	126	73	73	53.8	207.8
230	21	12	19	2.1	20.5	770	82	37	45	16.2	35.0	1310	-	-	-	-	27.7	1850	131	76	73	58.9	204.9
240	22	13	20	2.3	20.2	780	82	37	46	16.3	35.0	1320	90	40	47	19.1	27.7	1860	136	80	75	63.6	254.4
250	23	13	20	2.4	20.2	790	83	37	46	16.6	26.6	1330	-	-	-	-	27.7	1870	141	85	76	67.8	228.2
260	24	14	21	2.5	21.6	800	84	37	46	16.8	24.9	1340	-	-	-	-	27.7	1880	147	88	77	73.6	215.9
270	25	14	21	2.7	27.5	810	84	38	46	17.2	24.9	1350	-	-	-	-	27.7	1890	152	90	77	79.7	201.0
280	26	15	22	3.0	27.5	820	84	38	46	17.3	25.9	1360	-	-	-	-	27.7	1900	156	93	77	84.3	196.6
290	27	15	23	3.2	27.5	830	85	38	46	17.2	26.3	1370	-	-	-	-	29.9	1910	161	97	77	88.9	184.6
300	28	16	23	3.4	18.6	840	86	38	46	17.6	26.7	1380	90	40	47	19.1	27.2	1920	165	103	78	93.1	210.6
310	29	16	24	3.6	16.4	850	86	38	46	17.7	26.7	1390	-	-	-	-	26.6	1930	171	104	79	100.9	205.9
320	31	17	24	3.8	17.7	860	86	38	46	17.8	26.7	1400	-	-	-	-	26.6	1940	174	105	77	103.8	217.4
330	32	17	25	4.1	19.1	870	86	38	46	17.6	26.7	1410	-	-	-	-	26.6	1950	175	106	78	105.1	156.6
340	34	18	25	4.3	19.1	880	86	38	46	17.6	29.2	1420	-	-	-	-	28.8	1960	178	108	78	107.2	72.9
350	35	19	25	4.4	19.1	890	87	38	46	17.8	32.7	1430	-	-	-	-	29.3	1970	179	109	77	108.6	32.8
360	36	19	25	4.6	19.1	900	87	38	46	18.0	32.7	1440	90	40	47	19.1	29.3	1980	181	108	76	110.4	32.8
370	38	20	26	4.9	19.1	910	87	38	46	17.9	32.7	1450	-	-	-	-	29.3	1990	181	108	75	109.9	32.8
380	39	21	26	5.3	18.8	920	87	39	46	18.0	32.0	1460	-	-	-	-	28.5	2000	181	109	75	109.5	25.7
390	41	22	27	5.5	20.6	930	87	39	46	18.1	31.6	1470	-	-	-	-	27.9	2010	181	110	75	109.0	25.0
400	42	23	27	5.7	22.2	940	87	39	46	18.1	30.6	1480	-	-	-	-	27.9	2020	182	109	75	110.4	25.0
410	44	23	28	6.1	22.8	950	88	39	46	18.2	28.3	1490	-	-	-	-	27.9	2030	181	108	75	108.4	25.0
420	45	23	28	6.3	29.0	960	88	39	46	18.2	26.9	1500	90	40	46	19.1	27.9	2040	181	108	74	108.3	28.0
430	47	24	29	6.8	29.0	970	-	-	-	-	25.6	1510	-	-	-	-	29.0	2050	181	107	74	107.0	28.4
440	48	24	30	6.7	29.0	980	-	-	-	-	26.0	1520	-	-	-	-	30.4	2060	179	106	73	104.8	31.4
450	50	25	30	7.3	26.4	990	-	-	-	-	26.4	1530	-	-	-	-	30.2	2070	179	105	72	104.0	32.2
460	52	25	31	7.6	26.2	1000	-	-	-	-	26.4	1540	-	-	-	-	34.1	2080	178	104	71	102.5	32.2
470	53	26	32	7.9	26.2	1010	-	-	-	-	26.7	1550	-	-	-	-	34.3	2090	177	103	70	101.3	30.7
480	54	26	33	8.2	26.2	1020	89	39	45	18.7	27.4	1560	90	39	45	19.1	35.2	2100	176	101	70	99.0	30.4
490	56	26	32	8.5	26.2	1030	-	-	-	-	28.2	1570	-	-	-	-	35.2	2110	174	100	69	95.9	31.4
500	57	27	34	9.0	26.2	1040	-	-	-	-	30.2	1580	-	-	-	-	35.2	2120	173	98	68	95.1	36.3
510	59	27	35	9.3	26.2	1050	-	-	-	-	30.2	1590	-	-	-	-	35.2	2130	171	97	68	92.4	37.5
520	60	28	35	9.6	28.2	1060	-	-	-	-	30.0	1600	-	-	-	-	34.7	2140	170	96	67	90.5	38.9
530	62	28	36	10.0	37.4	1070	-	-	-	-	29.7	1610	-	-	-	-	34.7	2150	169	94	66	88.5	40.3

資料 3.97　流出量・降雨量および水路水位

DISCHARGE & R.I.　13 -5 -4,　530606,　3 -20-200 AREA=636,M**2　QMAX= 19.1MM/H　　13 -5 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	168	93	66	87.3	52.5	2700	98	43	46	23.1	27.9	3240	92	41	50	20.6	25.2						
2170	166	92	66	85.2	54.1	2710	-	-	-	-	28.8	3250	-	-	-	-	25.4						
2180	165	90	65	83.4	46.8	2720	-	-	-	-	31.5	3260	-	-	-	-	25.4						
2190	163	89	65	81.6	43.6	2730	-	-	-	-	32.9	3270	-	-	-	-	13.1						
2200	161	88	65	79.4	43.6	2740	-	-	-	-	32.7	3280	-	-	-	-	13.1						
2210	161	88	65	78.5	34.7	2750	-	-	-	-	32.7	3290	-	-	-	-	10.3						
2220	160	87	65	77.7	26.8	2760	96	42	45	21.6	32.8	3300	93	41	49	21.2	0.						
2230	159	86	64	76.2	24.2	2770	-	-	-	-	33.1	3360	93	40	47	20.1	0.						
2240	157	84	64	74.6	23.1	2780	-	-	-	-	33.1	3420	90	38	43	18.3	0.						
2250	156	83	64	72.9	23.1	2790	-	-	-	-	33.6	3480	86	35	35	15.7	0.						
2260	155	82	64	70.9	22.8	2800	-	-	-	-	38.4	3540	80	32	30	12.7	0.						
2270	154	81	63	69.7	19.8	2810	-	-	-	-	37.5	3600	75	29	27	10.5	0.						
2280	152	80	63	68.3	19.8	2820	94	41	45	20.6	37.5	3660	69	26	25	8.7	0.						
2290	-	-	-	-	19.8	2830	-	-	-	-	36.7	3720	66	24	22	7.6	0.						
2300	-	-	-	-	19.8	2840	-	-	-	-	29.3	3780	61	22	21	6.3	0.						
2310	-	-	-	-	20.7	2850	-	-	-	-	28.5	3840	58	21	21	5.7	0.						
2320	-	-	-	-	22.0	2860	-	-	-	-	24.5	3900	56	20	20	5.1	0.						
2330	-	-	-	-	22.0	2870	-	-	-	-	24.5	3960	53	19	19	4.5	0.						
2340	144	72	60	58.3	27.8	2880	91	38	40	18.9	24.5	4020	51	18	17	4.1	0.						
2350	-	-	-	-	27.8	2890	-	-	-	-	21.6	4080	49	16	16	3.7	0.						
2360	-	-	-	-	27.8	2900	-	-	-	-	21.3	4140	47	16	16	3.4	0.						
2370	-	-	-	-	27.8	2910	-	-	-	-	21.3	4200	46	16	16	3.1	0.						
2380	-	-	-	-	22.8	2920	-	-	-	-	21.4	4260	44	15	15	2.8	0.						
2390	-	-	-	-	21.9	2930	-	-	-	-	22.0	4320	43	15	15	2.7	0.						
2400	134	64	58	48.0	21.9	2940	88	37	36	17.5	20.9	4380	41	14	15	2.6	0.						
2410	-	-	-	-	21.9	2950	-	-	-	-	20.6	4440	41	14	15	2.8	0.						
2420	-	-	-	-	21.9	2960	-	-	-	-	20.6												
2430	-	-	-	-	21.9	2970	-	-	-	-	20.6												
2440	-	-	-	-	23.7	2980	-	-	-	-	20.6												
2450	-	-	-	-	29.7	2990	-	-	-	-	20.6												
2460	124	57	55	39.1	31.5	3000	87	38	43	17.5	20.2												
2470	-	-	-	-	31.5	3010	-	-	-	-	20.0												
2480	-	-	-	-	31.5	3020	-	-	-	-	20.0												
2490	-	-	-	-	24.4	3030	-	-	-	-	20.0												
2500	-	-	-	-	22.3	3040	-	-	-	-	20.0												
2510	-	-	-	-	22.5	3050	-	-	-	-	20.0												
2520	114	50	48	31.7	22.5	3060	88	39	47	18.6	18.3												
2530	-	-	-	-	22.5	3070	-	-	-	-	18.3												
2540	-	-	-	-	22.5	3080	-	-	-	-	18.3												
2550	-	-	-	-	22.5	3090	-	-	-	-	22.0												
2560	-	-	-	-	24.5	3100	-	-	-	-	22.4												
2570	-	-	-	-	25.4	3110	-	-	-	-	22.4												
2580	106	46	45	26.9	25.4	3120	89	40	48	19.0	22.4												
2590	-	-	-	-	25.4	3130	-	-	-	-	24.2												
2600	-	-	-	-	25.4	3140	-	-	-	-	22.5												
2610	-	-	-	-	25.3	3150	-	-	-	-	21.1												
2620	-	-	-	-	25.0	3160	-	-	-	-	21.1												
2630	-	-	-	-	28.1	3170	-	-	-	-	21.1												
2640	101	43	47	24.4	28.8	3180	90	40	47	19.6	21.1												
2650	-	-	-	-	28.8	3190	-	-	-	-	20.7												
2660	-	-	-	-	28.8	3200	-	-	-	-	20.7												
2670	-	-	-	-	28.5	3210	-	-	-	-	20.7												
2680	-	-	-	-	27.9	3220	-	-	-	-	24.7												
2690	-	-	-	-	27.9	3230	-	-	-	-	25.2												

資料 3.98　流出量・降雨量および水路水位

DISCHARGE & R.I. 13 -6 -4, 530606, 3 -50-200 AREA=636.M**2 QMAX= 48.7MM/H 13 -6 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	10	10	1.2	57.7	540	128	65	60	47.0	59.8	1080	133	68	61	50.5	52.0	1620	182	112	79	114.4	201.2
10	28	10	10	1.0	57.7	550	128	65	60	47.0	59.8	1090	-	-	-	-	51.4	1630	185	115	82	117.7	212.1
20	28	10	11	1.1	57.7	560	129	65	60	46.9	54.9	1100	-	-	-	-	52.8	1640	187	117	80	121.5	183.6
30	28	10	11	1.1	56.9	570	129	65	60	46.8	52.8	1110	-	-	-	-	53.4	1650	189	117	79	123.1	138.0
40	28	10	12	1.3	46.5	580	129	65	60	47.2	50.1	1120	-	-	-	-	55.8	1660	189	117	79	122.3	89.3
50	29	11	13	1.5	46.1	590	129	65	60	47.4	48.6	1130	-	-	-	-	55.8	1670	189	117	80	122.6	87.7
60	29	11	14	1.7	46.1	600	129	65	60	47.4	49.1	1140	133	67	60	50.5	55.8	1680	190	117	78	123.0	102.2
70	29	12	16	2.0	45.7	610	-	-	-	-	49.4	1150	-	-	-	-	53.8	1690	190	116	77	123.3	85.5
80	29	13	18	2.2	46.7	620	-	-	-	-	50.2	1160	-	-	-	-	53.0	1700	190	116	76	122.5	48.1
90	30	13	20	2.6	49.0	630	-	-	-	-	50.7	1170	-	-	-	-	52.8	1710	190	116	76	122.2	48.3
100	31	15	22	2.9	49.0	640	-	-	-	-	49.8	1180	-	-	-	-	52.7	1720	190	115	76	121.6	48.3
110	32	16	24	3.4	48.8	650	-	-	-	-	48.4	1190	-	-	-	-	53.5	1730	189	114	75	120.6	41.0
120	33	17	26	3.8	46.4	660	130	66	59	47.7	49.4	1200	132	67	60	49.8	53.8	1740	189	114	75	119.5	41.0
130	34	18	28	4.3	46.4	670	-	-	-	-	50.5	1210	-	-	-	-	53.8	1750	188	114	75	118.6	41.0
140	36	20	31	5.3	46.4	680	-	-	-	-	53.4	1220	-	-	-	-	53.3	1760	187	113	75	117.5	40.0
150	37	22	34	6.0	47.2	690	-	-	-	-	55.3	1230	-	-	-	-	52.1	1770	186	112	75	115.5	40.6
160	39	23	36	7.0	52.1	700	-	-	-	-	55.3	1240	-	-	-	-	52.5	1780	186	112	74	114.7	47.0
170	42	25	38	7.8	52.1	710	-	-	-	-	52.5	1250	-	-	-	-	52.2	1790	185	110	73	113.9	47.7
180	45	27	40	8.7	52.1	720	130	66	60	47.8	51.8	1260	133	67	60	50.0	52.6	1800	184	109	72	111.2	48.2
190	48	28	41	9.6	48.8	730	-	-	-	-	50.4	1270	-	-	-	-	53.4	1810	-	-	-	-	54.9
200	51	29	41	10.4	48.2	740	-	-	-	-	50.0	1280	-	-	-	-	54.5	1820	-	-	-	-	72.5
210	54	31	43	11.2	48.2	750	-	-	-	-	53.0	1290	-	-	-	-	54.7	1830	-	-	-	-	92.0
220	57	32	44	11.9	48.6	760	-	-	-	-	54.1	1300	-	-	-	-	52.8	1840	-	-	-	-	89.9
230	61	33	45	13.4	51.8	770	-	-	-	-	53.9	1310	-	-	-	-	50.7	1850	-	-	-	-	82.3
240	64	34	46	14.1	51.8	780	131	66	60	48.9	52.4	1320	131	67	58	48.5	50.0	1860	179	105	71	103.9	76.8
250	67	35	48	15.4	51.8	790	-	-	-	-	51.0	1330	-	-	-	-	50.0	1870	-	-	-	-	84.7
260	71	37	50	16.8	52.3	800	-	-	-	-	51.2	1340	-	-	-	-	51.4	1880	-	-	-	-	86.4
270	74	38	53	18.3	52.0	810	-	-	-	-	53.2	1350	-	-	-	-	52.4	1890	-	-	-	-	77.4
280	77	41	55	19.5	52.0	820	-	-	-	-	54.7	1360	-	-	-	-	52.3	1900	-	-	-	-	76.2
290	81	43	56	21.0	51.7	830	-	-	-	-	54.7	1370	-	-	-	-	51.7	1910	-	-	-	-	61.4
300	85	44	57	22.7	54.5	840	131	66	59	48.7	53.5	1380	131	67	60	48.8	49.6	1920	175	101	70	98.7	61.9
310	87	45	57	23.8	55.1	850	-	-	-	-	52.9	1390	-	-	-	-	58.2	1930	-	-	-	-	52.7
320	91	46	58	25.5	55.9	860	-	-	-	-	50.8	1400	-	-	-	-	65.3	1940	-	-	-	-	46.6
330	94	48	58	26.9	53.4	870	-	-	-	-	51.8	1410	-	-	-	-	65.3	1950	-	-	-	-	45.7
340	97	49	58	28.3	53.0	880	-	-	-	-	49.2	1420	-	-	-	-	87.2	1960	-	-	-	-	45.1
350	100	50	58	30.0	53.0	890	-	-	-	-	49.0	1430	-	-	-	-	99.3	1970	-	-	-	-	45.9
360	103	52	58	31.5	53.0	900	131	65	59	48.8	51.8	1440	131	67	59	49.5	129.7	1980	171	99	68	93.8	46.7
370	105	53	59	32.2	56.3	910	-	-	-	-	51.8	1450	132	68	59	50.1	132.6	1990	-	-	-	-	48.8
380	107	54	59	33.7	56.8	920	-	-	-	-	52.0	1460	132	68	62	51.2	167.1	2000	-	-	-	-	49.8
390	109	55	59	34.3	57.1	930	-	-	-	-	51.5	1470	134	71	64	54.1	200.7	2010	-	-	-	-	47.3
400	111	56	59	35.8	53.7	940	-	-	-	-	50.8	1480	136	75	67	57.9	229.2	2020	-	-	-	-	47.0
410	113	57	59	37.3	51.3	950	-	-	-	-	50.8	1490	139	78	68	61.3	215.9	2030	-	-	-	-	47.7
420	114	57	59	37.8	50.9	960	131	67	61	49.2	52.0	1500	141	82	71	64.7	210.9	2040	167	95	67	88.3	47.7
430	116	59	59	39.0	50.6	970	-	-	-	-	58.4	1510	146	85	72	69.8	191.1	2050	-	-	-	-	48.4
440	118	59	60	40.3	49.3	980	-	-	-	-	58.4	1520	149	87	73	73.5	210.2	2060	-	-	-	-	51.3
450	119	60	60	41.2	51.5	990	-	-	-	-	58.2	1530	153	90	73	78.7	213.6	2070	-	-	-	-	49.9
460	121	61	60	42.3	51.5	1000	-	-	-	-	57.6	1540	156	93	73	81.4	213.7	2080	-	-	-	-	49.9
470	122	62	60	42.7	52.1	1010	-	-	-	-	54.8	1550	160	96	75	86.5	208.3	2090	-	-	-	-	47.4
480	123	63	61	44.0	51.3	1020	132	68	61	50.1	53.4	1560	164	98	77	91.7	198.0	2100	163	91	67	82.8	46.0
490	124	63	61	44.3	50.0	1030	-	-	-	-	50.5	1570	167	100	78	96.0	211.2	2110	-	-	-	-	46.0
500	126	64	61	46.0	49.6	1040	-	-	-	-	50.0	1580	171	102	77	100.3	211.2	2120	-	-	-	-	46.7
510	126	64	61	45.8	49.2	1050	-	-	-	-	54.3	1590	173	106	78	103.0	204.2	2130	-	-	-	-	47.5
520	127	65	61	46.0	49.7	1060	-	-	-	-	54.3	1600	177	108	77	108.7	181.5	2140	-	-	-	-	51.0
530	128	65	61	46.6	54.2	1070	-	-	-	-	54.3	1610	180	110	79	112.1	191.1	2150	-	-	-	-	53.4

資料 3.99　流出量・降雨量および水路水位

DISCHARGE & R.I.　13 -6 -4,　530606,　3 -50-200 AREA=636.M**2　QMAX= 48.7MM/H　13 -6 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	158	86	65	75.9	53.4	2700	135	69	61	52.1	52.8												
2170	-	-	-	-	51.5	2710	-	-	-	-	53.2												
2180	-	-	-	-	51.4	2720	-	-	-	-	51.4												
2190	-	-	-	-	53.1	2730	-	-	-	-	48.2												
2200	-	-	-	-	53.1	2740	-	-	-	-	46.9												
2210	-	-	-	-	51.6	2750	-	-	-	-	32.5												
2220	152	80	62	68.4	50.5	2760	134	68	60	51.6	18.2												
2230	-	-	-	-	50.3	2820	134	67	60	50.5	0.												
2240	-	-	-	-	51.1	2880	131	64	58	46.9	0.												
2250	-	-	-	-	51.1	2940	124	58	55	40.5	0.												
2260	-	-	-	-	50.5	3000	116	52	50	33.7	0.												
2270	-	-	-	-	49.2	3060	109	47	46	28.3	0.												
2280	146	76	61	62.2	48.6	3120	101	43	42	23.4	0.												
2290	-	-	-	-	51.0	3180	94	39	34	19.6	0.												
2300	-	-	-	-	54.7	3240	88	35	32	16.3	0.												
2310	-	-	-	-	54.5	3300	83	33	30	14.2	0.												
2320	-	-	-	-	49.9	3360	78	31	27	12.3	0.												
2330	-	-	-	-	45.4	3420	74	28	24	10.7	0.												
2340	141	72	60	57.4	45.9	3480	70	26	22	9.0	0.												
2350	-	-	-	-	45.9	3540	66	24	21	7.6	0.												
2360	-	-	-	-	45.9	3600	62	23	20	6.7	0.												
2370	-	-	-	-	48.1	3660	59	21	18	5.9	0.												
2380	-	-	-	-	52.0	3720	56	20	17	5.3	0.												
2390	-	-	-	-	52.0	3780	54	19	16	5.1	0.												
2400	139	71	60	55.3	50.5	3840	53	18	15	4.5	0.												
2410	-	-	-	-	46.4	3900	49	17	14	3.5	0.												
2420	-	-	-	-	46.0	3960	48	16	14	3.5	0.												
2430	-	-	-	-	48.3	4020	46	15	13	3.2	0.												
2440	-	-	-	-	50.6	4080	44	14	12	2.8	0.												
2450	-	-	-	-	51.8	4140	43	13	12	2.6	0.												
2460	137	70	60	53.9	52.8	4200	41	13	12	2.3	0.												
2470	-	-	-	-	52.5	4260	39	13	11	2.1	0.												
2480	-	-	-	-	52.5	4320	38	12	11	2.0	0.												
2490	-	-	-	-	51.6	4380	37	12	11	1.8	0.												
2500	-	-	-	-	50.8	4440	36	12	11	2.0	0.												
2510	-	-	-	-	50.8																		
2520	136	70	61	53.6	49.4																		
2530	-	-	-	-	50.5																		
2540	-	-	-	-	54.1																		
2550	-	-	-	-	53.6																		
2560	-	-	-	-	53.5																		
2570	-	-	-	-	50.5																		
2580	136	70	61	53.4	51.1																		
2590	-	-	-	-	51.9																		
2600	-	-	-	-	51.7																		
2610	-	-	-	-	50.6																		
2620	-	-	-	-	53.4																		
2630	-	-	-	-	53.4																		
2640	136	69	60	52.8	52.0																		
2650	-	-	-	-	49.9																		
2660	-	-	-	-	49.2																		
2670	-	-	-	-	47.7																		
2680	-	-	-	-	48.4																		
2690	-	-	-	-	50.9																		

資料 3.100　流出量・降雨量および水路水位

DISCHARGE & R.I. 13 -7 -4, 530606, 3-100-200 AREA=636.M**2 QMAX= 96.2MM/H 13 -7 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	9	10	1.2	61.4	540	166	96	70	88.7	101.3	1080	173	101	71	97.3	97.3	1620	191	116	78	123.2	93.7
10	29	9	10	1.2	61.4	550	-	-	-	-	95.8	1090	-	-	-	-	100.8	1630	-	-	-	-	98.9
20	29	10	10	1.3	61.4	560	-	-	-	-	95.6	1100	-	-	-	-	95.1	1640	-	-	-	-	96.3
30	29	10	11	1.3	61.4	570	-	-	-	-	99.1	1110	-	-	-	-	90.1	1650	-	-	-	-	96.1
40	29	10	12	1.6	65.4	580	-	-	-	-	100.3	1120	-	-	-	-	90.8	1660	-	-	-	-	95.9
50	29	11	14	1.8	74.2	590	-	-	-	-	101.1	1130	-	-	-	-	99.0	1670	-	-	-	-	98.1
60	29	12	17	2.2	75.5	600	169	98	71	91.7	102.0	1140	172	99	71	96.2	98.9	1680	188	114	76	119.1	98.6
70	30	13	20	2.8	74.1	610	-	-	-	-	104.1	1150	-	-	-	-	96.1	1690	-	-	-	-	93.6
80	31	15	25	3.4	84.1	620	-	-	-	-	105.1	1160	-	-	-	-	96.8	1700	-	-	-	-	90.7
90	32	17	29	4.4	95.6	630	-	-	-	-	99.1	1170	-	-	-	-	99.1	1710	-	-	-	-	92.7
100	34	19	33	5.3	106.1	640	-	-	-	-	96.9	1180	-	-	-	-	98.2	1720	-	-	-	-	95.2
110	36	21	37	6.6	98.1	650	-	-	-	-	99.8	1190	-	-	-	-	98.1	1730	-	-	-	-	91.7
120	39	24	41	7.8	96.8	660	170	99	71	93.6	103.5	1200	172	100	71	96.3	97.2	1740	186	112	74	115.9	90.0
130	42	27	45	9.3	102.6	670	-	-	-	-	97.8	1210	-	-	-	-	101.4	1750	-	-	-	-	91.5
140	46	29	48	11.3	104.0	680	-	-	-	-	97.9	1220	-	-	-	-	99.0	1760	-	-	-	-	93.8
150	50	32	50	12.7	96.3	690	-	-	-	-	103.8	1230	-	-	-	-	93.3	1770	-	-	-	-	92.0
160	54	33	53	14.5	93.9	700	-	-	-	-	105.6	1240	-	-	-	-	93.6	1780	-	-	-	-	90.4
170	60	36	56	16.5	98.3	710	-	-	-	-	99.7	1250	-	-	-	-	97.5	1790	-	-	-	-	91.3
180	65	39	57	19.0	97.1	720	171	100	71	94.8	89.1	1260	172	100	70	96.9	102.1	1800	184	110	75	112.2	100.2
190	71	41	59	21.7	97.9	730	-	-	-	-	93.8	1270	173	101	72	98.3	103.6	1810	-	-	-	-	97.9
200	77	45	60	24.0	101.2	740	-	-	-	-	100.6	1280	174	101	75	99.1	103.3	1820	-	-	-	-	93.9
210	84	49	61	27.7	103.3	750	-	-	-	-	97.3	1290	175	105	75	102.8	130.3	1830	-	-	-	-	93.9
220	90	53	62	30.9	98.3	760	-	-	-	-	98.5	1300	177	106	77	106.0	142.7	1840	-	-	-	-	96.7
230	97	56	63	34.8	92.5	770	-	-	-	-	103.3	1310	179	108	78	107.9	171.7	1850	-	-	-	-	92.9
240	104	59	64	38.5	93.1	780	172	100	71	95.4	98.8	1320	180	109	78	109.8	172.5	1860	182	109	75	110.3	91.1
250	109	62	65	41.6	95.9	790	-	-	-	-	88.3	1330	182	112	78	112.0	159.2	1870	-	-	-	-	93.5
260	116	64	65	45.1	96.9	800	-	-	-	-	87.6	1340	182	110	79	113.1	155.6	1880	-	-	-	-	97.9
270	121	67	65	48.0	89.8	810	-	-	-	-	91.5	1350	184	113	79	115.6	197.6	1890	-	-	-	-	94.6
280	124	69	65	50.4	88.7	820	-	-	-	-	99.6	1360	185	112	79	116.5	212.3	1900	-	-	-	-	94.7
290	127	71	66	51.8	96.1	830	-	-	-	-	93.6	1370	186	114	78	118.5	209.9	1910	-	-	-	-	95.2
300	131	73	66	54.5	100.3	840	172	100	71	95.7	92.8	1380	187	114	79	119.3	198.2	1920	180	107	73	107.0	97.6
310	134	76	66	57.7	96.5	850	-	-	-	-	95.8	1390	188	116	79	120.8	182.4	1930	-	-	-	-	95.9
320	137	78	67	59.6	100.2	860	-	-	-	-	100.8	1400	189	115	81	122.1	191.3	1940	-	-	-	-	99.4
330	140	80	67	62.9	104.4	870	-	-	-	-	98.0	1410	190	118	82	124.9	176.2	1950	-	-	-	-	100.8
340	144	81	67	66.2	104.4	880	-	-	-	-	98.7	1420	191	118	80	125.5	181.8	1960	-	-	-	-	102.8
350	146	83	67	68.6	96.0	890	-	-	-	-	105.3	1430	191	119	82	125.8	172.2	1970	-	-	-	-	98.4
360	149	86	67	70.8	96.0	900	172	100	71	96.4	107.3	1440	193	120	82	128.3	163.9	1980	179	106	73	105.9	98.9
370	151	86	68	73.2	100.3	910	-	-	-	-	107.9	1450	193	119	82	128.8	165.9	1990	-	-	-	-	98.2
380	153	87	68	75.2	100.6	920	-	-	-	-	108.6	1460	193	119	81	128.1	202.1	2000	-	-	-	-	100.2
390	154	88	68	75.9	96.8	930	-	-	-	-	105.0	1470	193	120	82	128.1	184.0	2010	-	-	-	-	92.1
400	156	90	68	78.1	98.9	940	-	-	-	-	94.0	1480	194	120	81	128.6	174.7	2020	-	-	-	-	89.7
410	157	90	69	79.2	98.8	950	-	-	-	-	86.4	1490	194	121	80	129.9	146.8	2030	-	-	-	-	95.8
420	159	91	69	80.6	97.9	960	172	100	70	96.3	87.8	1500	195	121	80	130.7	142.2	2040	177	104	72	102.9	102.2
430	161	92	69	83.0	93.1	970	-	-	-	-	97.6	1510	-	-	-	-	134.0	2050	-	-	-	-	95.2
440	161	92	69	83.3	95.2	980	-	-	-	-	99.3	1520	-	-	-	-	125.6	2060	-	-	-	-	91.4
450	162	93	69	84.2	99.4	990	-	-	-	-	89.7	1530	-	-	-	-	103.2	2070	-	-	-	-	94.6
460	163	94	69	85.2	100.0	1000	-	-	-	-	91.5	1540	-	-	-	-	100.3	2080	-	-	-	-	96.4
470	164	94	69	85.5	95.6	1010	-	-	-	-	103.8	1550	-	-	-	-	100.1	2090	-	-	-	-	93.6
480	165	94	70	87.1	94.9	1020	172	100	71	96.4	104.0	1560	192	118	77	126.0	100.3	2100	176	104	72	101.4	126.1
490	-	-	-	-	99.8	1030	-	-	-	-	100.5	1570	-	-	-	-	94.6	2110	-	-	-	-	91.4
500	-	-	-	-	109.8	1040	-	-	-	-	94.5	1580	-	-	-	-	93.9	2120	-	-	-	-	92.1
510	-	-	-	-	104.7	1050	-	-	-	-	99.2	1590	-	-	-	-	104.1	2130	-	-	-	-	86.1
520	-	-	-	-	102.3	1060	-	-	-	-	99.1	1600	-	-	-	-	99.7	2140	-	-	-	-	96.1
530	-	-	-	-	101.7	1070	-	-	-	-	96.1	1610	-	-	-	-	93.4	2150	-	-	-	-	99.1

資料 3.101　流出量・降雨量および水路水位

DISCHARGE & R.I.　13 -7 -4,　530606,　3-100-200 AREA=636.M**2　QMAX= 96.2MM/H　　13 -7 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	176	104	72	101.6	99.9																		
2170	-	-	-	-	94.2																		
2180	-	-	-	-	95.8																		
2190	-	-	-	-	100.6																		
2200	-	-	-	-	101.8																		
2210	-	-	-	-	96.5																		
2220	176	104	73	101.6	97.6																		
2230	-	-	-	-	97.1																		
2240	-	-	-	-	95.4																		
2250	-	-	-	-	93.6																		
2260	-	-	-	-	60.2																		
2270	-	-	-	-	60.4																		
2280	176	104	72	100.6	57.7																		
2340	172	99	69	94.4	0.																		
2400	166	92	67	84.8	0.																		
2460	157	84	63	72.9	0.																		
2520	146	74	59	60.7	0.																		
2580	134	64	56	48.1	0.																		
2640	122	55	51	37.5	0.																		
2700	111	47	43	29.0	0.																		
2760	101	41	36	22.2	0.																		
2820	91	36	29	17.2	0.																		
2880	84	31	25	13.8	0.																		
2940	77	28	22	11.0	0.																		
3000	71	25	21	8.8	0.																		
3060	66	23	20	7.4	0.																		
3120	61	22	19	6.3	0.																		
3180	58	20	18	5.4	0.																		
3240	55	19	17	4.7	0.																		
3300	52	18	16	4.1	0.																		
3360	50	16	15	3.8	0.																		
3420	47	16	14	3.6	0.																		
3480	48	15	14	3.5	0.																		
3540	43	14	13	3.2	0.																		

資料 3.102　流出量・降雨量および水路水位

DISCHARGE & R.I., 14 -1 -4, 530607, 2-100 0 AREA=636.M**2 QMAX= 47.7MM/H 14 -1 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	8	6	6	0.1	58.2	540	115	50	49	32.7	0.												
10	8	7	6	0.3	58.2	550	114	49	47	31.6	0.												
20	8	6	6	0.3	58.2	560	112	48	46	30.2	0.												
30	8	6	6	0.3	58.2	570	111	47	45	29.3	0.												
40	8	6	7	0.3	59.3	580	109	46	44	27.6	0.												
50	9	7	7	0.4	62.9	590	107	45	43	27.0	0.												
60	9	7	8	0.5	70.8	600	106	44	41	25.9	0.												
70	9	7	10	0.7	75.1	610	104	44	39	24.7	0.												
80	9	8	12	0.8	84.7	620	103	42	38	24.0	0.												
90	9	8	15	1.4	89.0	630	101	41	36	22.6	0.												
100	10	9	20	2.0	88.3	640	99	40	35	22.0	0.												
110	11	11	24	2.6	89.9	650	98	39	35	21.0	0.												
120	13	14	30	3.6	96.3	660	96	38	33	20.3	0.												
130	15	16	34	4.5	95.8	720	88	35	30	16.2	0.												
140	17	17	38	5.5	92.4	780	82	31	27	13.4	0.												
150	20	19	43	6.7	96.0	840	76	28	24	11.1	0.												
160	24	23	47	8.0	103.0	900	71	26	22	9.0	0.												
170	28	26	48	9.9	99.4	960	66	24	21	7.5	0.												
180	33	29	51	11.4	97.3	1020	62	22	20	6.5	0.												
190	38	31	54	13.5	99.0	1080	58	21	19	5.5	0.												
200	46	34	56	15.9	100.4	1140	55	19	17	4.8	0.												
210	52	38	58	18.6	100.0	1200	52	18	16	4.2	0.												
220	61	40	59	21.8	60.4	1260	50	17	15	3.6	0.												
230	68	44	61	24.4	26.1	1320	47	16	15	3.1	0.												
240	77	48	62	28.0	0.	1380	45	15	14	2.8	0.												
250	86	52	62	31.4	0.	1440	43	13	14	2.5	0.												
260	93	54	62	34.8	0.	1500	41	13	13	2.1	0.												
270	101	57	63	37.5	0.	1560	39	13	13	2.1	0.												
280	107	60	63	39.8	0.	1620	38	13	13	2.0	0.												
290	113	61	63	42.5	0.	1680	37	12	13	1.8	0.												
300	116	61	62	43.0	0.	1740	35	11	12	1.6	0.												
310	119	62	62	43.9	0.	1800	34	11	12	1.5	0.												
320	122	62	62	44.8	0.	1860	33	11	12	1.5	0.												
330	124	64	62	45.9	0.	1920	33	11	11	1.4	0.												
340	126	64	62	47.0	0.	1980	32	10	11	1.5	0.												
350	126	65	61	46.6	0.																		
360	128	65	61	48.1	0.																		
370	129	65	60	47.9	0.																		
380	129	65	60	48.2	0.																		
390	130	64	60	48.2	0.																		
400	130	64	59	47.8	0.																		
410	130	64	59	47.3	0.																		
420	130	63	58	46.5	0.																		
430	129	62	58	45.3	0.																		
440	128	60	57	43.9	0.																		
450	127	59	57	42.9	0.																		
460	126	58	56	41.6	0.																		
470	124	57	55	40.3	0.																		
480	123	56	55	39.5	0.																		
490	121	54	54	37.5	0.																		
500	120	54	53	36.6	0.																		
510	119	53	52	35.5	0.																		
520	117	52	50	34.6	0.																		
530	116	50	49	33.6	0.																		

資料 3.103　流出量・降雨量および水路水位

DISCHARGE & R.I,　14 -2 -4,　530607,　2=100　0 AREA=636.M**2　QMAX= 47.1MM/H　　14 -2 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	10	11	1.4	64.0	540	109	45	44	28.0	0.												
10	31	10	11	1.2	64.0	550	108	44	43	27.5	0.												
20	30	11	12	1.3	64.0	560	106	44	42	25.8	0.												
30	30	11	13	1.4	64.0	570	105	43	39	24.9	0.												
40	30	11	14	1.6	66.2	580	104	42	37	24.2	0.												
50	31	11	15	1.9	73.2	590	101	41	36	22.8	0.												
60	31	12	17	2.3	73.2	600	100	40	35	22.1	0.												
70	31	13	20	2.7	84.9	610	98	39	34	21.2	0.												
80	32	15	25	3.2	93.0	620	96	38	33	20.4	0.												
90	33	17	29	4.0	94.8	630	96	37	32	19.8	0.												
100	34	19	33	5.4	94.4	640	94	37	30	19.0	0.												
110	36	22	38	6.2	96.3	650	93	36	30	18.6	0.												
120	38	24	41	7.2	100.4	660	91	35	30	17.4	0.												
130	43	27	47	9.1	98.4	720	84	32	26	14.1	0.												
140	46	29	49	10.8	96.2	780	78	29	24	12.0	0.												
150	49	31	51	12.5	99.2	840	73	27	22	9.9	0.												
160	54	32	54	14.2	104.9	900	68	24	22	8.1	0.												
170	59	36	55	16.8	93.6	960	63	23	20	7.0	0.												
180	65	39	58	19.5	93.6	1020	60	21	19	6.2	0.												
190	72	40	59	21.8	59.9	1080	57	20	18	5.2	0.												
200	78	43	60	24.5	28.6	1140	54	19	17	4.5	0.												
210	84	46	60	27.2	24.7	1200	51	17	16	4.1	0.												
220	89	50	61	29.3	23.1	1260	49	16	15	3.6	0.												
230	95	52	61	32.1	0.	1320	46	15	15	3.0	0.												
240	102	56	62	35.3	0.	1380	44	15	14	2.8	0.												
250	106	58	62	37.7	0.	1440	43	14	14	2.6	0.												
260	111	59	62	39.6	0.	1500	41	13	13	2.3	0.												
270	114	60	62	40.8	0.	1560	40	13	13	2.6	0.												
280	118	61	62	43.1	0.																		
290	119	62	62	43.2	0.																		
300	122	63	62	44.7	0.																		
310	124	63	62	45.1	0.																		
320	125	64	61	46.6	0.																		
330	126	64	60	46.7	0.																		
340	127	65	60	47.2	0.																		
350	129	65	60	47.8	0.																		
360	129	64	59	47.6	0.																		
370	129	64	59	47.5	0.																		
380	129	63	58	46.9	0.																		
390	129	62	58	46.2	0.																		
400	129	61	57	45.6	0.																		
410	128	60	57	44.9	0.																		
420	127	59	56	43.4	0.																		
430	126	58	55	42.2	0.																		
440	125	56	55	40.9	0.																		
450	124	56	54	40.3	0.																		
460	122	54	55	38.6	0.																		
470	120	53	52	36.9	0.																		
480	119	52	50	35.6	0.																		
490	118	51	49	35.1	0.																		
500	116	50	48	33.5	0.																		
510	115	48	47	32.0	0.																		
520	113	48	46	30.7	0.																		
530	111	47	45	29.2	0.																		

資料 3.104　流出量・降雨量および水路水位

DISCHARGE & R.I. 14 -3 -4, 530607, 1 -50 0 AREA=636.M**2 QMAX= 51.3MM/H 14 -3 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	33	10	11	1.6	37.4	540	129	64	60	48.1	52.0	1080	134	67	60	51.3	48.9						
10	33	10	11	1.4	37.4	550	129	64	60	48.4	51.5	1090	-	-	-	-	48.9						
20	33	11	12	1.4	37.4	560	130	64	60	48.8	50.3	1100	-	-	-	-	49.7						
30	32	11	12	1.5	37.4	570	131	65	60	49.5	49.0	1110	-	-	-	-	49.8						
40	32	11	13	1.6	37.4	580	131	65	60	49.5	49.3	1120	-	-	-	-	49.8						
50	32	11	14	1.7	37.4	590	131	65	60	49.4	49.5	1130	-	-	-	-	49.8						
60	33	12	15	1.8	46.1	600	131	65	60	49.2	50.6	1140	134	67	60	51.3	35.5						
70	33	13	17	2.2	49.8	610	131	65	60	49.2	51.8	1150	-	-	-	-	35.9						
80	33	13	19	2.3	49.8	620	131	66	60	49.5	52.2	1160	-	-	-	-	35.9						
90	33	14	21	2.5	47.1	630	132	66	60	49.8	52.0	1200	134	65	59	50.9	0.						
100	34	15	22	3.1	44.6	640	132	66	60	50.1	49.3	1260	131	62	57	47.5	0.						
110	35	16	24	3.4	44.6	650	132	66	60	50.3	49.8	1320	124	57	55	40.3	0.						
120	35	17	25	4.0	44.6	660	132	66	60	50.2	49.8	1380	116	50	48	33.5	0.						
130	37	19	28	4.7	44.6	670	-	-	-	-	49.8	1440	107	45	44	27.1	0.						
140	38	20	30	5.3	47.4	680	-	-	-	-	54.7	1500	99	41	38	22.1	0.						
150	40	22	33	6.1	47.4	690	-	-	-	-	55.2	1560	91	36	33	17.8	0.						
160	43	23	35	6.9	47.5	700	-	-	-	-	55.1	1620	85	33	30	14.6	0.						
170	45	25	38	8.0	46.0	710	-	-	-	-	51.5	1680	79	31	27	12.3	0.						
180	47	27	40	8.6	45.9	720	132	66	60	50.1	52.1	1740	74	27	24	10.6	0.						
190	50	28	43	9.5	46.2	730	-	-	-	-	52.1	1800	69	25	22	8.9	0.						
200	53	29	44	10.6	47.3	740	-	-	-	-	51.6	1860	66	24	21	8.0	0.						
210	56	30	44	11.6	47.8	750	-	-	-	-	53.7	1920	63	23	20	6.9	0.						
220	59	31	46	12.6	47.8	760	-	-	-	-	53.7	1980	59	21	19	6.0	0.						
230	62	33	48	13.4	47.0	770	-	-	-	-	54.0	2040	57	20	18	5.5	0.						
240	65	34	50	14.9	46.2	780	132	66	60	50.3	49.6	2100	54	19	17	4.8	0.						
250	69	36	52	15.8	44.1	790	-	-	-	-	49.3	2160	52	18	16	4.3	0.						
260	72	37	53	17.2	44.1	800	-	-	-	-	49.7	2220	50	17	15	4.0	0.						
270	76	39	54	18.7	45.6	810	-	-	-	-	50.0	2280	48	16	15	3.4	0.						
280	78	40	55	19.7	46.4	820	-	-	-	-	50.8	2340	46	15	14	3.0	0.						
290	83	41	55	21.6	48.3	830	-	-	-	-	50.9	2400	44	15	14	2.9	0.						
300	85	43	56	22.7	50.2	840	134	66	60	51.5	50.1	2460	43	14	13	3.1	0.						
310	88	44	57	24.3	50.2	850	-	-	-	-	50.1												
320	91	46	57	25.5	50.2	860	-	-	-	-	47.6												
330	95	48	58	27.5	48.1	870	-	-	-	-	46.5												
340	98	49	58	29.0	49.1	880	-	-	-	-	46.5												
350	101	50	58	30.6	49.0	890	-	-	-	-	46.4												
360	104	50	58	32.1	49.0	900	134	67	60	51.3	46.0												
370	106	52	59	33.2	49.5	910	-	-	-	-	46.9												
380	109	53	59	34.5	49.2	920	-	-	-	-	46.9												
390	111	54	59	36.1	49.2	930	-	-	-	-	46.5												
400	112	55	59	36.4	48.9	940	-	-	-	-	46.8												
410	114	56	59	37.4	47.1	950	-	-	-	-	46.2												
420	116	58	60	39.0	46.9	960	134	67	60	51.3	45.7												
430	117	58	60	40.3	46.9	970	-	-	-	-	45.2												
440	119	59	60	41.5	47.3	980	-	-	-	-	45.2												
450	121	60	60	42.7	49.4	990	-	-	-	-	46.9												
460	122	60	60	43.6	49.4	1000	-	-	-	-	49.0												
470	123	61	60	44.1	49.4	1010	-	-	-	-	49.0												
480	124	61	60	44.2	48.0	1020	134	67	60	51.3	49.4												
490	125	62	60	44.9	46.9	1030	-	-	-	-	47.6												
500	126	62	60	45.6	49.3	1040	-	-	-	-	46.9												
510	126	63	60	45.8	49.5	1050	-	-	-	-	46.9												
520	127	63	60	46.3	50.2	1060	-	-	-	-	46.9												
530	128	64	60	47.2	52.0	1070	-	-	-	-	48.5												

資料 3.105　流出量・降雨量および水路水位

DISCHARGE & R.I.　14 -4 -4,　530607,　1-100　0 AREA=636.M**2　QMAX=100.5MM/H　14 -4 -4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	10	11	1.4	150.0
10	31	10	11	1.6	150.0
20	31	11	13	1.8	120.3
30	31	11	14	2.0	76.2
40	31	12	17	2.2	78.0
50	32	13	19	2.8	91.1
60	33	15	23	3.2	95.6
70	33	16	27	3.9	107.5
80	35	19	31	4.9	106.0
90	36	21	36	6.0	112.8
100	38	24	41	7.3	99.4
110	42	79	45	8.9	95.9
120	46	29	47	10.5	98.6
130	49	31	50	12.7	104.5
140	54	33	53	14.5	97.2
150	59	35	56	16.6	98.3
160	66	39	57	19.3	104.1
170	71	41	58	21.5	98.2
180	78	44	60	25.7	96.9
190	83	48	61	27.7	99.4
200	90	52	62	31.3	98.8
210	98	56	63	35.6	93.6
220	104	59	63	38.8	94.3
230	111	62	64	43.4	95.9
240	116	64	65	45.4	93.7
250	120	66	66	47.5	92.9
260	126	68	66	51.3	98.0
270	129	70	66	53.5	105.4
280	132	72	66	55.9	95.8
290	135	74	66	58.2	97.7
300	139	76	66	61.7	103.6
310	141	78	66	64.4	96.5
320	144	80	66	67.0	98.6
330	148	82	67	70.4	106.2
340	150	83	67	72.8	102.5
350	152	85	67	73.9	97.0
360	154	85	67	76.4	100.0
370	156	86	67	77.8	106.0
380	157	87	67	79.2	98.7
390	158	88	68	79.5	99.0
400	159	89	68	80.9	103.3
410	161	90	68	83.4	102.6
420	162	91	68	84.6	95.5
430	163	92	69	86.2	93.5
440	164	92	69	86.8	108.2
450	165	93	69	88.2	96.9
460	167	93	69	89.7	95.8
470	167	93	69	89.6	106.5
480	167	93	69	89.4	100.5
490	167	94	69	89.9	97.0
500	168	94	69	90.9	98.1
510	168	95	70	92.0	100.4
520	169	95	70	92.8	96.8
530	169	96	70	92.6	94.1
540	170	96	70	94.1	101.1
550	170	96	70	94.1	102.6
560	170	96	70	94.3	102.0
570	170	97	70	93.9	104.7
580	171	97	71	95.0	106.0
590	172	96	70	95.8	103.3
600	172	97	70	95.9	106.8
610	172	97	70	95.7	109.0
620	172	97	70	96.4	91.3
630	172	98	70	96.7	89.4
640	172	97	70	96.7	96.8
650	173	97	70	97.3	104.0
660	173	97	70	97.3	102.6
670	-	-	-	-	99.4
680	-	-	-	-	98.1
690	-	-	-	-	97.6
700	-	-	-	-	99.2
710	-	-	-	-	102.2
720	174	99	71	98.3	107.5
730	-	-	-	-	99.9
740	-	-	-	-	99.1
750	-	-	-	-	107.2
760	-	-	-	-	104.8
770	-	-	-	-	103.3
780	174	99	71	98.9	107.9
790	-	-	-	-	106.3
800	-	-	-	-	102.7
810	-	-	-	-	109.6
820	-	-	-	-	106.9
830	-	-	-	-	103.2
840	174	99	71	99.0	105.4
850	-	-	-	-	110.0
860	-	-	-	-	110.0
870	-	-	-	-	108.0
880	-	-	-	-	107.0
890	-	-	-	-	102.7
900	175	100	71	100.8	108.6
910	-	-	-	-	110.4
920	-	-	-	-	97.9
930	-	-	-	-	97.8
940	-	-	-	-	102.3
950	-	-	-	-	98.3
960	175	100	71	100.6	104.2
970	-	-	-	-	116.3
980	-	-	-	-	104.7
990	-	-	-	-	101.5
1000	-	-	-	-	107.5
1010	-	-	-	-	91.6
1020	175	100	71	100.6	98.6
1030	-	-	-	-	109.0
1040	-	-	-	-	105.4
1050	-	-	-	-	103.2
1060	-	-	-	-	106.5
1070	-	-	-	-	99.0
1080	175	100	72	100.6	92.5
1090	-	-	-	-	98.7
1100	-	-	-	-	100.1
1110	-	-	-	-	95.1
1120	-	-	-	-	97.3
1130	-	-	-	-	107.3
1140	175	100	71	100.6	94.1
1150	-	-	-	-	93.0
1160	-	-	-	-	101.2
1170	-	-	-	-	105.1
1180	-	-	-	-	101.6
1190	-	-	-	-	103.8
1200	175	100	71	100.4	72.9
1210	-	-	-	-	26.1
1220	-	-	-	-	22.2
1230	-	-	-	-	22.2
1260	174	97	69	97.4	0.
1320	167	90	65	86.1	0.
1380	159	82	63	75.7	0.
1440	146	72	59	60.3	0.
1500	134	62	54	47.2	0.
1560	120	51	46	35.2	0.
1620	108	44	38	26.6	0.
1680	96	37	31	19.7	0.
1740	88	33	27	15.8	0.
1800	81	30	25	12.8	0.
1860	75	27	22	10.3	0.
1920	69	24	20	8.2	0.
1980	64	23	19	7.0	0.
2040	60	21	19	6.0	0.
2100	56	20	17	5.1	0.
2160	53	18	17	4.5	0.
2220	51	17	15	4.0	0.
2280	48	16	14	3.4	0.
2340	46	15	14	3.1	0.
2400	44	15	14	2.8	0.
2460	43	13	13	2.5	0.
2520	41	13	13	2.2	0.
2580	39	13	13	2.1	0.
2640	38	12	12	2.3	0.

資料 3.106　流出量・降雨量および水路水位

DISCHARGE & R.I. 15 -1 -5, 530612, 2 -50 0 AREA=636.M**2 QMAX= 17.7MM/H 15 -1 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	3	4	7	0.0	27.6	540	78	29	19	12.1	0.												
10	3	4	7	-0.2	27.6	550	77	29	18	11.8	0.												
20	3	4	7	-0.2	27.6	560	76	28	18	11.5	0.												
30	3	4	7	-0.1	27.6	570	76	28	18	11.3	0.												
40	3	4	7	-0.1	27.6	580	75	27	18	11.1	0.												
50	3	4	7	0.2	27.6	590	75	27	18	10.8	0.												
60	3	4	7	0.2	27.6	600	74	26	18	10.5	0.												
70	3	4	8	0.5	32.1	610	73	26	17	10.2	0.												
80	4	4	9	0.5	36.5	620	72	26	17	9.8	0.												
90	4	4	9	0.6	36.5	630	72	25	17	9.7	0.												
100	4	5	11	0.7	36.1	640	71	25	17	9.4	0.												
110	4	5	12	0.5	33.1	650	70	25	16	9.1	0.												
120	5	5	13	0.9	41.0	660	69	24	16	8.8	0.												
130	5	6	15	0.9	41.0	720	65	23	15	7.5	0.												
140	5	6	18	1.2	41.0	780	62	21	14	6.6	0.												
150	7	8	20	1.5	45.4	840	58	19	13	5.7	0.												
160	7	10	23	2.0	46.6	900	56	18	12	5.0	0.												
170	8	12	25	2.5	47.9	960	53	17	12	4.3	0.												
180	9	14	26	2.8	43.3	1020	50	16	11	3.9	0.												
190	11	16	27	3.9	28.8	1080	48	15	10	3.6	0.												
200	13	19	28	5.1	13.0	1140	46	14	10	3.0	0.												
210	16	21	29	6.4	13.0	1200	43	13	9	2.7	0.												
220	20	24	30	7.9	0.	1260	43	13	9	2.7	0.												
230	24	27	30	9.2	0.	1320	41	12	9	2.7	0.												
240	30	29	30	11.7	0.																		
250	36	32	29	13.0	0.																		
260	41	33	29	14.4	0.																		
270	50	34	28	16.3	0.																		
280	55	35	28	17.3	0.																		
290	62	36	27	18.6	0.																		
300	68	36	26	18.8	0.																		
310	73	36	25	19.7	0.																		
320	77	36	25	19.7	0.																		
330	80	36	25	19.8	0.																		
340	82	36	29	19.5	0.																		
350	85	36	24	19.6	0.																		
360	86	36	23	19.0	0.																		
370	86	35	23	18.8	0.																		
380	87	35	22	18.0	0.																		
390	87	35	22	17.7	0.																		
400	87	34	21	17.6	0.																		
410	86	34	21	17.0	0.																		
420	86	33	21	16.8	0.																		
430	86	33	21	16.4	0.																		
440	86	33	20	16.2	0.																		
450	85	32	20	16.0	0.																		
460	85	32	20	15.6	0.																		
470	84	31	20	14.8	0.																		
480	83	31	20	14.4	0.																		
490	83	31	20	14.0	0.																		
500	81	31	20	13.4	0.																		
510	81	31	19	13.0	0.																		
520	80	30	19	12.7	0.																		
530	79	30	19	12.3	0.																		

資料 3.107　流出量・降雨量および水路水位

DISCHARGE & R.I.　15 -2 -5,　530612,　2 -50　0 AREA=636.M**2　QMAX= 31.5MM/H　　15 -2 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	23	8	8	0.7	40.5	540	87	33	20	16.1	0.												
10	23	8	8	0.7	40.5	550	86	33	20	15.6	0.												
20	23	8	9	0.7	40.5	560	86	32	20	15.3	0.												
30	23	8	9	0.7	40.5	570	85	32	20	14.9	0.												
40	23	8	9	0.8	40.5	580	84	32	20	14.2	0.												
50	23	8	10	0.9	42.3	590	83	31	19	14.1	0.												
60	23	9	11	1.0	50.4	600	82	31	19	13.3	0.												
70	24	9	12	1.2	53.1	610	81	30	19	12.9	0.												
80	24	10	13	1.4	51.8	620	80	30	18	12.8	0.												
90	24	10	15	1.6	48.7	630	79	30	18	12.2	0.												
100	25	12	17	2.1	46.6	640	78	29	18	12.1	0.												
110	25	14	19	2.7	46.6	650	78	28	18	11.9	0.												
120	26	15	21	3.2	46.3	660	77	28	18	11.5	0.												
130	28	18	23	4.2	46.1	720	72	26	16	9.7	0.												
140	30	20	25	5.4	47.4	780	67	24	15	8.0	0.												
150	32	23	26	7.2	47.4	840	63	22	15	6.8	0.												
160	35	27	28	8.8	51.5	900	60	21	15	6.0	0.												
170	39	30	30	10.7	54.5	960	56	19	14	5.2	0.												
180	45	33	31	13.4	54.5	1020	54	18	13	4.8	0.												
190	50	35	32	15.5	53.1	1080	52	17	12	4.3	0.												
200	57	38	33	18.1	52.5	1140	49	15	11	3.6	0.												
210	64	40	34	20.3	54.0	1200	47	14	11	3.9	0.												
220	70	42	34	22.6	34.6																		
230	78	44	34	24.9	18.2																		
240	84	46	34	26.6	0.																		
250	90	47	34	28.9	0.																		
260	95	48	33	30.3	0.																		
270	99	49	32	31.1	0.																		
280	102	49	31	32.0	0.																		
290	105	49	30	32.5	0.																		
300	107	49	30	32.7	0.																		
310	108	49	29	32.4	0.																		
320	109	49	28	32.1	0.																		
330	110	49	27	32.1	0.																		
340	109	48	26	31.1	0.																		
350	109	47	26	30.6	0.																		
360	109	46	25	29.3	0.																		
370	108	46	25	28.8	0.																		
380	107	44	24	27.8	0.																		
390	106	43	24	26.7	0.																		
400	105	43	24	26.2	0.																		
410	104	42	23	24.9	0.																		
420	102	41	23	24.3	0.																		
430	101	40	22	23.1	0.																		
440	100	40	22	22.3	0.																		
450	99	39	22	21.7	0.																		
460	97	38	21	20.6	0.																		
470	96	37	21	20.2	0.																		
480	95	37	21	19.3	0.																		
490	93	36	21	18.6	0.																		
500	92	36	21	18.1	0.																		
510	91	35	21	17.3	0.																		
520	89	34	21	16.8	0.																		
530	89	34	20	16.5	0.																		

資料 3.108　流出量・降雨量および水路水位

DISCHARGE & R.I. 15 -3 -5, 530612, 1 -20 0 AREA=636.M**2 QMAX= 20.1MM/H 15 -3 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	8	8	0.9	14.4
10	25	8	8	1.8	14.4
20	25	8	8	1.6	14.4
30	25	8	8	0.7	14.4
40	28	8	8	0.9	14.4
50	28	8	8	1.0	14.4
60	25	8	9	0.8	14.4
70	25	8	9	0.1	14.4
80	25	8	10	0.2	14.4
90	25	8	10	1.0	14.4
100	25	8	10	1.2	14.4
110	25	8	11	1.2	17.3
120	26	10	12	1.3	18.0
130	26	11	12	1.5	18.0
140	26	11	13	1.6	19.6
150	26	12	14	1.8	23.2
160	27	13	15	2.0	23.2
170	28	13	15	2.2	25.7
180	28	14	16	2.6	28.3
190	29	15	17	2.8	28.3
200	30	16	18	3.1	28.3
210	31	17	18	3.4	26.6
220	32	18	19	3.8	23.2
230	34	19	20	4.4	23.2
240	35	20	20	4.6	23.2
250	37	21	20	5.2	23.2
260	39	22	21	5.7	23.2
270	40	23	21	6.2	26.6
280	42	24	22	6.7	28.3
290	44	24	22	7.3	28.8
300	46	26	22	7.9	32.7
310	49	26	22	8.4	29.1
320	51	27	22	9.1	25.6
330	54	28	23	9.8	24.5
340	56	28	23	10.0	23.3
350	58	29	23	10.6	23.3
360	61	30	24	11.1	23.3
370	62	30	24	11.7	23.3
380	65	31	23	12.1	23.3
390	66	31	23	12.2	23.3
400	68	31	24	12.9	23.7
410	70	32	24	13.3	27.2
420	71	32	24	13.8	27.2
430	73	32	24	14.0	27.2
440	75	33	24	14.6	27.2
450	76	33	24	14.9	25.1
460	77	33	24	15.0	23.7
470	78	34	24	15.2	24.6
480	79	33	24	15.5	25.2
490	80	34	24	15.9	25.2
500	81	34	24	16.1	25.2
510	81	34	24	16.4	25.2
520	82	34	24	16.4	23.8
530	83	34	24	16.7	23.8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
540	84	35	24	17.1	23.8
550	84	35	24	17.2	26.8
560	84	35	24	17.4	28.1
570	85	35	25	17.4	25.1
580	85	35	25	17.6	23.1
590	86	36	25	17.8	23.1
600	86	36	25	17.9	22.0
610	86	36	25	18.0	19.5
620	87	36	25	18.0	19.5
630	87	36	25	18.1	19.5
640	87	36	25	18.2	19.5
650	88	36	25	18.4	19.5
660	87	36	25	18.2	19.6
670	88	36	25	18.3	22.7
680	88	36	25	18.5	23.6
690	88	36	25	18.8	24.0
700	88	37	25	18.8	24.0
710	89	37	25	18.8	24.0
720	89	37	25	19.0	24.0
730	89	37	25	19.2	24.2
740	89	37	25	19.2	24.3
750	90	37	25	19.5	24.3
760	90	37	25	19.4	22.9
770	90	38	25	19.6	22.6
780	90	38	25	19.7	22.6
790	-	-	-	-	23.1
800	-	-	-	-	23.1
810	-	-	-	-	23.1
820	-	-	-	-	23.1
830	-	-	-	-	23.1
840	91	37	25	19.8	22.0
850	-	-	-	-	21.0
860	-	-	-	-	21.8
870	-	-	-	-	21.8
880	-	-	-	-	21.8
890	-	-	-	-	21.8
900	91	37	25	19.9	21.8
910	-	-	-	-	22.0
920	-	-	-	-	22.2
930	-	-	-	-	22.7
940	-	-	-	-	24.5
950	-	-	-	-	24.5
960	92	37	24	20.2	24.5
970	-	-	-	-	24.5
980	-	-	-	-	26.4
990	-	-	-	-	26.5
1000	-	-	-	-	27.4
1010	-	-	-	-	27.4
1020	92	37	25	20.3	27.4
1030	-	-	-	-	26.6
1040	-	-	-	-	25.7
1050	-	-	-	-	22.9
1060	-	-	-	-	21.0
1070	-	-	-	-	32.5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
1080	92	37	25	20.5	32.5
1090	-	-	-	-	32.5
1100	-	-	-	-	36.6
1110	-	-	-	-	36.6
1120	-	-	-	-	36.6
1130	-	-	-	-	36.6
1140	92	37	24	20.2	23.0
1150	-	-	-	-	25.8
1160	-	-	-	-	27.1
1170	-	-	-	-	27.1
1180	-	-	-	-	27.1
1190	-	-	-	-	27.1
1200	92	37	25	20.0	21.8
1210	-	-	-	-	22.0
1220	-	-	-	-	22.0
1230	-	-	-	-	22.0
1240	-	-	-	-	22.0
1250	-	-	-	-	22.0
1260	92	37	25	20.1	22.0
1270	-	-	-	-	20.2
1280	-	-	-	-	20.2
1290	-	-	-	-	23.1
1300	-	-	-	-	26.0
1310	-	-	-	-	26.0
1320	92	37	25	20.1	26.0
1330	-	-	-	-	26.0
1340	-	-	-	-	23.4
1350	-	-	-	-	21.8
1360	-	-	-	-	22.4
1370	-	-	-	-	22.4
1380	92	37	25	20.1	22.4
1390	-	-	-	-	22.9
1400	-	-	-	-	23.8
1410	-	-	-	-	23.8
1420	-	-	-	-	23.8
1430	-	-	-	-	23.8
1440	92	37	25	20.1	22.6
1450	-	-	-	-	21.3
1460	-	-	-	-	21.3
1470	-	-	-	-	22.6
1480	-	-	-	-	27.6
1490	-	-	-	-	27.6
1500	92	37	25	20.1	28.6
1510	-	-	-	-	29.6
1520	-	-	-	-	29.6
1530	-	-	-	-	31.9
1540	-	-	-	-	31.0
1550	-	-	-	-	30.5
1560	92	37	25	20.1	29.9
1570	-	-	-	-	29.9
1580	-	-	-	-	29.9
1590	-	-	-	-	29.9
1600	-	-	-	-	21.3
1610	-	-	-	-	10.4

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
1620	92	37	25	20.0	10.4
1630	-	-	-	-	10.4
1680	91	35	22	19.1	0.
1740	88	33	19	16.9	0.
1800	83	30	17	14.2	0.
1860	78	27	15	11.7	0.
1920	71	24	14	9.1	0.
1980	66	22	13	7.3	0.
2040	61	20	12	6.0	0.
2100	57	18	12	5.2	0.
2160	54	17	12	4.5	0.
2220	51	16	11	3.9	0.
2280	48	15	11	3.5	0.
2340	46	14	11	3.2	0.
2400	45	14	10	2.9	0.
2460	43	13	10	2.7	0.
2520	41	12	10	2.4	0.
2580	40	12	10	2.2	0.
2640	39	12	10	-6.7	0.
2700	-19	-18	-14	-8.9	0.
2760	-19	-18	-14	0.0	0.

資料3.109　流出量・降雨量および水路水位

DISCHARGE & R.I,　15 -4 -5,　530612,　1 -50　0 AREA=636.M**2　QMAX= 51.5MM/H　　15 -4 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	23	7	7	0.7	47.5	540	133	61	37	51.0	46.4	1080	134	61	36	51.5	48.9						
10	23	7	8	0.7	47.5	550	-	-	-	-	46.4	1090	-	-	-	-	46.1						
20	23	7	8	0.7	47.5	560	-	-	-	-	47.1	1100	-	-	-	-	46.1						
30	23	7	8	0.7	46.3	570	-	-	-	-	48.4	1110	-	-	-	-	45.0						
40	23	7	9	0.7	41.5	580	-	-	-	-	51.6	1120	-	-	-	-	43.9						
50	23	7	9	0.8	42.4	590	-	-	-	-	52.0	1130	-	-	-	-	45.4						
60	23	9	10	0.9	44.5	600	134	61	38	51.4	50.6	1140	134	61	36	51.2	31.2						
70	23	9	11	1.1	46.1	610	-	-	-	-	48.3	1150	-	-	-	-	32.0						
80	23	10	13	1.3	49.8	620	-	-	-	-	46.7	1160	-	-	-	-	32.9						
90	24	11	14	1.7	48.6	630	-	-	-	-	46.8	1170	-	-	-	-	16.7						
100	24	12	16	2.3	44.9	640	-	-	-	-	48.0	1180	-	-	-	-	16.7						
110	25	13	19	2.8	41.8	650	-	-	-	-	49.3	1200	133	61	35	50.4	0.						
120	26	16	20	3.5	41.8	660	134	61	37	51.3	51.0	1260	129	56	29	45.2	0.						
130	28	19	23	4.5	41.8	670	-	-	-	-	51.2	1320	119	49	24	35.5	0.						
140	30	21	24	5.5	45.0	680	-	-	-	-	51.5	1380	108	42	22	27.0	0.						
150	32	24	26	7.5	47.0	690	-	-	-	-	48.0	1440	98	37	20	21.1	0.						
160	35	27	27	8.9	47.0	700	-	-	-	-	47.6	1500	91	34	20	17.5	0.						
170	39	30	29	10.8	45.4	710	-	-	-	-	48.1	1560	85	32	18	14.8	0.						
180	45	33	30	13.6	44.5	720	134	61	37	51.6	48.0	1620	79	29	16	12.6	0.						
190	50	35	32	15.5	45.1	730	-	-	-	-	49.3	1680	75	26	14	10.6	0.						
200	57	37	32	18.2	45.2	740	-	-	-	-	51.1	1740	68	24	13	8.4	0.						
210	65	40	33	20.5	47.7	750	-	-	-	-	50.1	1800	67	22	12	8.5	0.						
220	71	42	34	23.0	51.7	760	-	-	-	-	50.1	1860	63	21	11	6.9	0.						
230	78	44	34	25.2	51.7	770	-	-	-	-	46.8	1920	60	20	11	6.2	0.						
240	85	46	35	27.5	50.0	780	134	61	37	51.5	45.6	1980	57	18	10	5.5	0.						
250	91	48	35	29.6	44.4	790	-	-	-	-	45.9	2040	55	17	10	4.9	0.						
260	96	49	36	31.7	44.4	800	-	-	-	-	45.9	2100	52	16	9	4.4	0.						
270	101	51	36	33.8	44.4	810	-	-	-	-	46.7	2160	50	15	9	3.8	0.						
280	104	52	37	34.5	49.4	820	-	-	-	-	48.9	2220	48	14	9	3.4	0.						
290	108	53	37	37.1	51.3	830	-	-	-	-	49.1	2280	46	14	9	3.0	0.						
300	112	54	37	38.8	51.3	840	134	61	37	51.5	49.1	2340	44	13	8	2.8	0.						
310	114	54	37	39.7	50.5	850	-	-	-	-	47.8	2400	42	12	8	2.5	0.						
320	117	55	37	41.4	48.0	860	-	-	-	-	46.5	2460	40	12	8	2.7	0.						
330	119	56	37	41.8	50.0	870	-	-	-	-	46.1												
340	121	57	37	43.8	50.0	880	-	-	-	-	46.1												
350	123	57	37	44.5	50.4	890	-	-	-	-	47.1												
360	124	58	37	45.7	54.1	900	134	61	37	51.5	50.4												
370	126	59	37	46.3	54.1	910	-	-	-	-	50.4												
380	126	60	37	46.8	54.1	920	-	-	-	-	49.3												
390	128	60	37	47.8	49.3	930	-	-	-	-	46.5												
400	129	60	37	48.2	48.6	940	-	-	-	-	45.8												
410	130	60	37	49.2	48.6	950	-	-	-	-	45.8												
420	130	60	37	49.3	47.3	960	134	61	37	51.5	45.8												
430	131	60	37	49.6	50.1	970	-	-	-	-	47.1												
440	131	60	37	49.6	51.4	980	-	-	-	-	49.3												
450	131	60	37	49.8	51.4	990	-	-	-	-	50.6												
460	132	60	37	49.9	50.6	1000	-	-	-	-	52.0												
470	132	60	37	50.3	49.3	1010	-	-	-	-	49.1												
480	132	61	37	50.6	49.3	1020	134	61	36	51.5	49.2												
490	133	61	37	50.7	49.0	1030	-	-	-	-	49.2												
500	133	61	37	50.6	49.7	1040	-	-	-	-	49.0												
510	133	61	37	50.8	53.5	1050	-	-	-	-	50.3												
520	133	61	37	50.7	52.6	1060	-	-	-	-	49.6												
530	133	61	37	51.0	50.5	1070	-	-	-	-	48.9												

資料 3.110　流出量・降雨量および水路水位

DISCHARGE & R.I. 15 -5 -5, 530612, 2-100 0 AREA=636.M**2 QMAX= 64.3MM/H 15 -5 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	12	6	7	0.2	85.2	540	95	36	16	19.3	0.												
10	12	6	7	0.2	85.2	550	94	35	15	18.6	0.												
20	12	6	7	0.2	85.2	560	93	34	15	18.2	0.												
30	12	6	7	0.4	78.6	570	91	33	15	17.4	0.												
40	12	6	7	0.5	72.4	580	90	33	14	16.7	0.												
50	12	8	8	0.6	87.4	590	88	31	14	15.9	0.												
60	13	8	9	1.0	95.9	600	87	31	14	15.6	0.												
70	13	8	12	1.6	108.6	660	80	28	12	12.3	0.												
80	14	11	17	2.3	109.0	720	74	25	11	9.7	0.												
90	15	13	22	3.3	112.0	780	67	22	10	7.5	0.												
100	17	17	27	5.1	117.1	840	61	20	9	6.0	0.												
110	19	22	32	7.9	109.1	900	57	18	9	5.0	0.												
120	23	27	35	10.8	103.4	960	53	17	9	4.1	0.												
130	29	34	38	14.7	105.3	1020	50	16	8	3.6	0.												
140	38	38	41	19.5	100.8	1080	47	15	8	3.2	0.												
150	48	44	44	24.6	97.7	1140	45	14	8	2.8	0.												
160	61	50	45	29.8	105.6	1200	42	14	8	3.0	0.												
170	75	55	45	35.4	103.4																		
180	90	58	46	41.8	99.4																		
190	102	61	46	47.0	0.																		
200	113	64	46	51.8	0.																		
210	122	65	45	55.6	0.																		
220	128	66	43	57.9	0.																		
230	134	67	41	59.8	0.																		
240	138	68	40	61.0	0.																		
250	140	68	38	61.3	0.																		
260	141	68	37	60.8	0.																		
270	142	67	35	61.0	0.																		
280	142	66	33	61.6	0.																		
290	141	66	33	59.3	0.																		
300	142	64	31	58.5	0.																		
310	147	63	30	62.1	0.																		
320	143	61	30	57.3	0.																		
330	138	60	28	51.2	0.																		
340	135	58	27	46.0	0.																		
350	131	57	26	43.5	0.																		
360	129	55	25	42.4	0.																		
370	126	53	25	40.0	0.																		
380	124	52	23	38.4	0.																		
390	122	51	22	37.0	0.																		
400	120	49	22	35.3	0.																		
410	117	48	22	33.2	0.																		
420	115	47	21	31.5	0.																		
430	113	46	20	30.0	0.																		
440	111	45	20	29.0	0.																		
450	109	43	19	27.5	0.																		
460	107	43	19	26.6	0.																		
470	106	42	18	25.3	0.																		
480	104	42	18	24.6	0.																		
490	103	41	18	24.0	0.																		
500	101	40	17	22.4	0.																		
510	99	38	17	21.7	0.																		
520	98	38	16	21.2	0.																		
530	96	37	16	20.2	0.																		

資料 3.111　流出量・降雨量および水路水位

DISCHARGE & R.I.,　15 -6 -5,　530612,　1=100　0 AREA=636.M**2　QMAX=101.3MM/H　　15 -6 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	35	11	8	2.0	45.7
10	35	11	8	1.7	45.7
20	35	11	8	1.6	45.7
30	35	11	8	1.7	45.7
40	35	11	9	1.8	45.7
50	35	12	10	1.9	48.6
60	35	12	12	2.4	74.7
70	35	14	14	3.1	91.1
80	35	15	17	3.9	98.5
90	37	19	22	5.3	105.8
100	39	23	27	7.3	113.4
110	41	28	32	9.8	105.8
120	45	32	36	13.3	102.4
130	51	38	40	17.4	112.9
140	58	42	42	21.8	106.7
150	68	48	45	26.4	103.3
160	80	53	46	32.0	106.2
170	91	56	46	37.6	106.4
180	100	59	47	42.0	101.1
190	109	63	47	46.9	99.2
200	118	65	47	51.5	102.6
210	125	67	48	56.2	92.6
220	132	70	49	60.7	94.1
230	137	73	49	64.4	110.8
240	142	75	49	67.5	106.7
250	146	77	49	71.2	102.4
260	150	79	49	74.7	116.3
270	152	80	50	75.6	111.7
280	155	81	50	78.5	106.5
290	157	82	51	80.0	111.9
300	159	83	51	82.9	111.9
310	161	84	52	84.0	111.0
320	162	85	52	85.2	111.4
330	164	86	52	87.2	109.0
340	165	87	52	89.1	106.6
350	166	87	52	90.1	108.5
360	167	88	52	90.3	108.0
370	168	89	52	91.5	103.7
380	169	89	52	93.2	111.7
390	169	90	52	93.8	111.8
400	171	90	52	95.3	103.0
410	171	91	52	96.1	110.8
420	172	91	52	96.5	108.5
430	172	91	51	96.5	97.7
440	172	92	52	97.0	104.6
450	173	92	52	97.7	106.8
460	173	92	52	98.0	99.1
470	173	92	52	97.9	101.9
480	173	92	52	98.2	108.2
490	173	92	52	98.1	109.8
500	174	92	52	98.5	113.7
510	174	92	52	98.8	114.1
520	174	92	52	98.8	101.7
530	174	92	52	99.1	106.7
540	174	93	52	99.1	109.1
550	174	93	52	99.1	88.4
560	174	93	53	99.0	90.0
570	174	93	53	99.3	99.8
580	174	93	53	99.4	87.9
590	174	93	52	99.4	105.1
600	174	93	52	99.3	140.1
610	175	93	52	99.7	111.8
620	175	93	52	99.7	100.0
630	175	93	52	99.8	102.8
640	175	93	52	99.8	102.1
650	175	93	52	99.8	100.9
660	175	93	52	100.2	103.2
670	175	93	52	100.6	107.8
680	175	94	52	100.7	104.6
690	175	94	51	101.1	100.5
700	176	94	51	101.2	107.4
710	176	94	52	101.6	108.5
720	176	94	52	101.9	99.4
730	-	-	-	-	103.2
740	-	-	-	-	117.6
750	-	-	-	-	104.9
760	-	-	-	-	98.8
770	-	-	-	-	103.1
780	176	94	52	101.7	101.3
790	-	-	-	-	98.9
800	-	-	-	-	104.8
810	-	-	-	-	108.9
820	-	-	-	-	98.4
830	-	-	-	-	96.4
840	176	94	52	101.4	106.9
850	-	-	-	-	108.0
860	-	-	-	-	102.2
870	-	-	-	-	107.2
880	-	-	-	-	110.8
890	-	-	-	-	106.9
900	176	94	53	101.4	105.1
910	-	-	-	-	106.7
920	-	-	-	-	104.3
930	-	-	-	-	102.9
940	-	-	-	-	106.0
950	-	-	-	-	107.6
960	176	94	53	101.6	103.7
970	-	-	-	-	105.4
980	-	-	-	-	111.3
990	-	-	-	-	100.1
1000	-	-	-	-	106.9
1010	-	-	-	-	110.1
1020	177	94	52	101.2	102.6
1030	-	-	-	-	113.8
1040	-	-	-	-	120.3
1050	-	-	-	-	71.6
1080	165	89	48	81.9	0.
1140	149	79	37	61.3	0.
1200	130	65	26	42.6	0.
1260	113	52	20	29.1	0.
1320	100	43	17	21.7	0.
1380	91	38	15	17.2	0.
1440	83	32	14	13.7	0.
1500	77	28	12	11.1	0.
1560	70	26	11	8.7	0.
1620	65	23	10	6.9	0.
1680	60	21	9	5.7	0.
1740	55	19	9	4.6	0.
1800	52	18	8	4.0	0.
1860	49	16	8	3.5	0.
1920	46	15	8	3.0	0.
1980	44	14	8	2.6	0.
2040	42	13	7	2.3	0.
2100	40	12	7	2.0	0.
2160	38	12	7	1.8	0.
2220	36	11	7	1.6	0.
2280	35	11	7	1.8	0.
2340	36	11	7	1.6	0.
2400	32	10	7	0.8	0.
2460	31	10	7	1.4	0.

資料 3.112　流出量・降雨量および水路水位

DISCHARGE & R.I., 15 -7 -5, 530612, 3 -50-200 AREA=636.M**2 QMAX= 50.8MM/H 15 -7 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	9	6	1.1	29.2	540	132	62	36	50.6	47.4	1080	144	77	53	68.3	183.9	1620	151	73	37	67.6	39.7
10	27	8	7	0.7	29.2	550	133	62	36	51.0	47.4	1090	148	79	55	73.7	183.7	1630	-	-	-	-	40.5
20	27	8	7	0.8	29.2	560	133	62	36	50.9	44.8	1100	153	84	57	80.2	196.8	1640	-	-	-	-	42.5
30	27	8	7	0.8	29.2	570	133	62	36	51.0	43.1	1110	158	89	59	87.6	194.8	1650	-	-	-	-	48.0
40	27	9	7	0.9	29.2	580	133	62	36	50.9	43.4	1120	164	94	60	94.4	177.2	1660	-	-	-	-	49.4
50	27	9	8	1.0	29.2	590	133	62	36	50.9	43.4	1130	169	99	61	101.7	179.5	1670	-	-	-	-	45.2
60	27	10	8	1.1	29.2	600	133	62	36	50.9	45.2	1140	175	103	61	109.2	168.9	1680	146	69	37	62.5	45.2
70	27	10	9	1.3	29.2	610	-	-	-	-	48.7	1150	179	106	61	114.0	144.7	1690	-	-	-	-	45.2
80	27	10	10	1.4	41.9	620	-	-	-	-	49.1	1160	183	110	61	121.0	153.5	1700	-	-	-	-	45.4
90	27	10	11	1.7	47.0	630	-	-	-	-	48.6	1170	187	113	61	126.4	175.8	1710	-	-	-	-	50.3
100	28	11	12	2.1	46.7	640	-	-	-	-	46.6	1180	192	117	61	133.4	177.0	1720	-	-	-	-	51.5
110	28	13	14	2.5	45.6	650	-	-	-	-	46.6	1190	197	119	61	140.7	171.2	1730	-	-	-	-	51.4
120	29	14	16	3.2	42.5	660	134	63	36	51.4	46.6	1200	200	121	62	145.1	167.3	1740	142	70	36	58.5	46.8
130	30	17	18	3.7	42.5	670	-	-	-	-	48.1	1210	202	125	62	148.1	190.4	1750	-	-	-	-	45.7
140	32	18	20	4.7	42.5	680	-	-	-	-	49.6	1220	205	127	62	151.6	153.8	1760	-	-	-	-	46.1
150	34	21	22	5.7	43.2	690	-	-	-	-	48.9	1230	206	126	60	152.9	109.6	1770	-	-	-	-	46.1
160	35	23	23	7.2	46.8	700	-	-	-	-	47.9	1240	206	125	60	151.9	95.2	1780	-	-	-	-	50.4
170	38	26	25	8.6	47.2	710	-	-	-	-	46.3	1250	206	124	59	150.6	69.5	1790	-	-	-	-	52.9
180	42	29	26	10.5	46.6	720	134	62	36	51.2	47.0	1260	206	121	58	149.3	50.2	1800	140	66	37	56.3	53.1
190	47	31	27	12.7	43.8	730	-	-	-	-	49.7	1270	205	120	57	146.8	49.8	1810	-	-	-	-	48.3
200	52	34	29	14.9	43.9	740	-	-	-	-	51.9	1280	204	117	57	143.2	49.0	1820	-	-	-	-	47.1
210	58	36	30	17.2	46.2	750	-	-	-	-	52.4	1290	202	115	55	140.2	49.4	1830	-	-	-	-	47.1
220	64	39	30	19.1	46.4	760	-	-	-	-	46.7	1300	200	112	54	135.7	52.9	1840	-	-	-	-	47.1
230	70	40	31	21.4	57.9	770	-	-	-	-	45.5	1310	197	109	53	130.6	51.5	1850	-	-	-	-	49.5
240	77	43	32	23.5	74.9	780	133	61	35	50.7	45.3	1320	194	107	52	125.6	51.5	1860	138	64	37	54.9	52.6
250	83	44	32	25.6	41.7	790	-	-	-	-	45.3	1330	192	105	51	120.8	45.1	1870	-	-	-	-	53.1
260	88	46	33	27.7	41.3	800	-	-	-	-	48.9	1340	189	102	50	116.7	43.6	1880	-	-	-	-	51.4
270	93	48	34	29.8	41.3	810	-	-	-	-	54.7	1350	187	100	49	113.0	43.2	1890	-	-	-	-	47.5
280	97	49	34	30.8	41.8	820	-	-	-	-	54.7	1360	184	104	48	108.6	43.2	1900	-	-	-	-	46.7
290	102	51	34	33.3	41.9	830	-	-	-	-	49.8	1370	181	96	48	104.7	48.9	1910	-	-	-	-	46.7
300	106	52	35	34.9	41.9	840	133	62	36	50.8	43.3	1380	179	93	47	102.1	53.8	1920	136	64	36	53.3	46.7
310	109	53	36	36.6	47.5	850	-	-	-	-	43.3	1390	177	92	47	100.0	55.9	1930	-	-	-	-	49.5
320	111	54	36	37.8	48.9	860	-	-	-	-	42.4	1400	176	90	46	97.6	56.0	1940	-	-	-	-	49.1
330	114	55	36	39.0	48.7	870	-	-	-	-	45.2	1410	173	89	45	94.6	56.0	1950	-	-	-	-	49.1
340	116	56	36	40.1	47.0	880	-	-	-	-	49.3	1420	172	88	45	92.6	55.5	1960	-	-	-	-	46.1
350	119	56	36	41.9	42.5	890	-	-	-	-	51.2	1430	170	87	45	89.6	56.2	1970	-	-	-	-	45.1
360	121	56	36	42.9	41.2	900	133	62	36	50.8	45.4	1440	168	86	44	88.3	55.5	1980	135	64	37	52.8	46.2
370	121	57	36	43.3	41.2	910	-	-	-	-	44.8	1450	167	85	44	86.8	49.9	1990	-	-	-	-	46.2
380	123	58	36	44.1	41.2	920	-	-	-	-	46.4	1460	166	84	44	85.5	51.0	2000	-	-	-	-	47.0
390	124	58	36	44.6	44.5	930	-	-	-	-	47.3	1470	165	83	43	84.4	51.0	2010	-	-	-	-	52.3
400	126	59	36	46.0	47.8	940	-	-	-	-	48.5	1480	164	83	42	83.1	50.0	2020	-	-	-	-	52.9
410	126	59	37	46.0	47.8	950	-	-	-	-	49.4	1490	163	82	41	82.0	51.7	2030	-	-	-	-	52.9
420	127	59	37	46.4	44.7	960	133	63	36	50.9	50.2	1500	162	81	41	81.0	50.5	2040	135	64	36	52.6	48.4
430	128	60	37	47.3	42.1	970	-	-	-	-	49.9	1510	161	80	40	79.6	50.5	2050	-	-	-	-	46.9
440	128	60	37	47.6	43.4	980	-	-	-	-	49.7	1520	160	79	40	78.7	45.8	2060	-	-	-	-	46.9
450	129	60	36	47.7	43.7	990	-	-	-	-	49.7	1530	159	79	40	77.5	46.5	2070	-	-	-	-	46.9
460	129	60	36	48.1	46.3	1000	-	-	-	-	49.7	1540	158	78	40	75.7	48.2	2080	-	-	-	-	42.5
470	130	60	36	48.8	49.7	1010	-	-	-	-	58.0	1550	157	77	39	74.5	49.0	2090	-	-	-	-	45.6
480	130	61	36	49.1	49.7	1020	134	62	37	52.0	64.6	1560	156	77	39	73.7	51.2	2100	135	63	36	52.0	45.6
490	131	61	36	49.1	49.1	1030	134	63	37	52.6	95.5	1570	156	76	39	73.1	60.7	2110	-	-	-	-	45.6
500	131	61	36	49.2	48.6	1040	134	63	40	53.0	112.8	1580	154	75	38	70.8	64.7	2120	-	-	-	-	45.1
510	131	62	36	49.8	49.7	1050	136	66	43	56.2	130.5	1590	153	74	38	70.3	50.6	2130	-	-	-	-	45.3
520	132	62	36	50.1	47.2	1060	138	69	48	59.3	166.0	1600	153	74	37	69.8	44.0	2140	-	-	-	-	45.3
530	132	62	36	50.2	48.5	1070	141	73	52	63.9	178.8	1610	151	73	37	68.3	44.0	2150	-	-	-	-	45.2

資料 3.113　流出量・降雨量および水路水位

DISCHARGE & R.I.　15 -7 -5,　530612,　3 -50-200 AREA=636.M**2　QMAX= 50.8MM/H　15 -7 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	134	63	35	51.3	32.9																		
2170	-	-	-	-	33.6																		
2180	-	-	-	-	33.6																		
2220	133	61	32	49.7	0.																		
2280	127	56	27	42.5	0.																		
2340	116	49	23	33.1	0.																		
2400	106	43	22	25.5	0.																		
2460	96	40	19	20.0	0.																		
2520	88	40	17	16.4	0.																		
2580	83	40	15	14.2	0.																		
2640	78	40	13	12.0	0.																		
2700	73	40	12	10.6	0.																		
2760	71	40	11	9.7	0.																		
2820	65	40	10	7.2	0.																		
2880	61	40	9	6.5	0.																		
2940	58	40	9	5.7	0.																		
3000	55	40	8	5.0	0.																		
3060	53	40	8	4.3	0.																		
3120	50	40	8	3.8	0.																		
3180	48	40	8	3.3	0.																		
3240	45	40	7	3.0	0.																		
3300	44	40	7	2.8	0.																		
3360	42	40	7	2.6	0.																		
3420	41	40	7	2.3	0.																		
3480	39	40	7	2.2	0.																		
3540	38	40	7	2.3	0.																		

資料 3.114　流出量・降雨量および水路水位

DISCHARGE & R.I., 15 -8 -5, 530612, 1-200 0 AREA=636.M**2 QMAX=167.4MM/H 15 -8 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	46	6	1.1	47.6
10	28	46	7	1.2	47.6
20	28	47	7	1.3	47.6
30	28	47	7	1.7	47.6
40	29	48	8	2.5	50.1
50	29	49	11	3.4	76.0
60	30	52	17	5.1	131.0
70	32	58	24	7.5	191.8
80	35	64	33	11.0	229.6
90	40	70	41	15.4	193.4
100	48	79	47	21.8	171.0
110	58	90	52	28.9	191.4
120	72	96	55	36.5	163.2
130	90	103	56	46.8	172.1
140	108	111	58	57.9	168.2
150	124	117	58	68.3	175.0
160	138	123	59	78.0	148.7
170	149	127	60	86.8	163.1
180	157	132	60	92.9	152.8
190	166	136	60	101.9	164.3
200	173	140	59	110.3	165.5
210	178	144	59	116.0	156.2
220	184	149	60	123.0	146.9
230	189	151	60	129.8	154.3
240	192	154	61	133.9	152.2
250	196	156	60	138.8	151.4
260	199	158	60	142.2	132.5
270	201	160	61	145.7	127.3
280	204	161	61	149.8	154.8
290	205	163	60	150.8	174.7
300	206	163	61	153.0	192.2
310	207	164	60	153.8	173.8
320	209	165	61	156.9	148.3
330	209	166	60	157.7	147.0
340	210	166	60	158.9	155.9
350	210	167	60	159.2	151.3
360	211	166	61	161.0	143.4
370	211	168	61	161.4	149.3
380	212	168	61	163.4	139.2
390	213	169	60	163.6	186.1
400	213	168	60	164.5	132.1
410	214	169	61	165.3	152.8
420	214	169	61	165.2	170.4
430	214	169	62	165.5	163.4
440	214	169	61	165.8	168.0
450	214	170	62	165.7	170.1
460	214	169	61	165.7	173.6
470	214	169	61	165.1	153.2
480	214	169	61	164.6	168.3
490	214	169	61	165.2	154.2
500	214	169	60	165.2	149.2
510	214	169	60	165.3	147.3
520	214	168	59	165.7	139.3
530	214	168	59	165.3	162.6
540	214	169	60	165.3	173.2
550	214	169	60	165.4	155.5
560	214	170	61	166.0	129.0
570	214	172	62	166.1	126.8
580	215	171	62	167.1	123.6
590	215	170	61	167.5	144.8
600	215	170	61	167.9	146.1
610	215	169	61	167.7	139.1
620	215	170	60	167.6	155.3
630	215	169	60	167.1	159.7
640	215	170	60	167.2	142.4
650	215	169	60	167.2	153.1
660	215	170	60	167.3	179.4
670	215	170	61	167.9	160.4
680	215	170	61	168.0	149.1
690	215	171	61	168.2	165.7
700	216	171	61	168.8	176.4
710	216	171	60	169.3	168.2
720	215	170	60	167.7	159.6
730	-	-	-	-	192.8
740	-	-	-	-	185.9
750	-	-	-	-	157.0
760	-	-	-	-	163.8
770	-	-	-	-	153.7
780	216	170	61	169.2	174.2
790	-	-	-	-	166.6
800	-	-	-	-	181.5
810	-	-	-	-	148.8
820	-	-	-	-	120.5
830	-	-	-	-	146.7
840	215	169	60	168.0	149.4
850	-	-	-	-	147.5
860	-	-	-	-	143.3
870	-	-	-	-	157.1
880	-	-	-	-	161.4
890	-	-	-	-	155.8
900	215	169	60	167.2	193.3
910	-	-	-	-	178.0
920	-	-	-	-	179.0
930	-	-	-	-	167.0
940	-	-	-	-	166.0
950	-	-	-	-	162.5
960	216	170	60	169.3	147.0
970	-	-	-	-	147.0
980	-	-	-	-	153.8
990	-	-	-	-	168.0
1000	-	-	-	-	159.8
1010	-	-	-	-	139.6
1020	216	170	61	169.7	169.3
1030	-	-	-	-	160.2
1040	-	-	-	-	148.4
1050	-	-	-	-	155.0
1060	-	-	-	-	168.7
1070	-	-	-	-	147.6
1080	216	171	61	169.6	135.2
1090	-	-	-	-	151.8
1100	-	-	-	-	181.4
1110	-	-	-	-	177.9
1120	-	-	-	-	154.3
1130	-	-	-	-	130.9
1140	216	170	61	168.0	133.2
1150	-	-	-	-	141.5
1160	-	-	-	-	95.4
1200	206	152	52	144.9	0.
1260	182	130	39	103.1	0.
1320	159	112	27	72.3	0.
1380	140	98	22	52.2	0.
1440	123	87	18	36.4	0.
1500	108	80	17	25.9	0.
1560	96	74	15	19.6	0.
1620	88	69	13	15.9	0.
1680	81	65	11	12.8	0.
1740	75	62	10	10.3	0.
1800	68	60	9	8.0	0.
1860	63	57	9	6.4	0.
1920	58	55	8	5.1	0.
1980	54	54	8	4.3	0.
2040	50	53	7	3.6	0.
2100	47	52	7	3.1	0.
2160	45	51	7	2.8	0.
2220	43	50	7	2.3	0.
2280	40	49	7	2.0	0.
2340	39	49	7	2.0	0.
2400	37	48	7	1.7	0.
2460	35	48	6	1.5	0.
2520	34	47	6	1.4	0.
2580	33	47	6	1.3	0.
2640	32	46	6	1.5	0.

資料 3.115　流出量・降雨量および水路水位

DISCHARGE & R.I.,　16 -1 -5,　530613,　2-100　0 AREA=636.M**2　QMAX= 59.2MM/H　　16 -1 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	8	3	6	0.1	56.7
10	8	3	6	0.1	56.7
20	8	3	6	0.1	56.7
30	8	3	6	0.2	56.7
40	8	3	6	0.3	56.3
50	8	3	6	0.4	56.9
60	9	5	9	0.6	62.8
70	9	5	11	0.8	91.7
80	9	5	13	1.2	92.2
90	10	7	16	1.6	77.6
100	11	9	22	2.4	81.9
110	12	12	27	3.8	90.2
120	14	17	31	5.7	100.6
130	17	23	34	7.8	101.4
140	21	28	36	10.9	101.3
150	28	32	39	14.6	89.3
160	35	38	41	18.7	84.9
170	46	42	44	23.6	78.4
180	58	49	45	28.3	84.2
190	72	53	46	34.1	87.3
200	87	56	46	39.9	63.9
210	100	59	47	45.7	58.5
220	111	61	46	50.8	26.2
230	119	61	45	53.5	21.5
240	127	64	43	56.8	21.5
250	132	66	42	59.3	21.5
260	136	67	40	60.1	21.5
270	139	67	39	60.8	21.5
280	141	67	38	61.2	12.0
290	142	67	36	60.7	12.0
300	142	65	34	59.4	12.0
310	142	65	34	57.9	12.0
320	141	63	32	56.0	12.0
330	139	62	31	54.2	12.0
340	137	60	30	51.9	7.3
350	135	58	28	49.3	7.3
360	133	56	26	47.2	11.1
370	131	55	26	45.2	12.8
380	129	53	25	43.2	12.8
390	127	52	24	40.5	12.8
400	124	52	23	38.5	12.8
410	122	49	23	36.6	12.8
420	119	48	23	34.4	12.8
430	117	47	22	32.9	12.8
440	114	45	21	30.5	12.8
450	113	44	21	30.1	12.8
460	111	43	20	28.8	12.9
470	109	42	20	27.6	12.9
480	107	41	19	25.8	12.9
490	105	40	18	24.9	12.9
500	104	40	18	23.9	12.9
510	101	38	18	22.6	12.9
520	100	38	17	21.8	12.9
530	98	37	16	20.9	12.9
540	97	36	16	20.3	12.9
550	95	35	16	19.6	0.
560	94	34	15	18.9	0.
570	93	32	15	18.2	0.
580	91	32	15	17.6	0.
590	90	31	15	16.8	0.
600	88	30	14	16.0	0.
660	81	26	13	12.8	0.
720	74	23	12	9.9	0.
780	68	15	11	7.8	0.
840	62	19	10	6.1	0.
900	57	17	10	5.0	0.
960	53	15	9	4.2	0.
1020	50	14	9	3.6	0.
1080	47	13	9	3.2	0.
1140	45	12	9	2.8	0.
1200	43	11	8	2.4	0.
1260	41	11	8	2.2	0.
1320	39	11	8	1.9	0.
1380	37	10	8	1.7	0.
1440	36	9	8	2.0	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.116　流出量・降雨量および水路水位

DISCHARGE & R.I., 16 -2 -5, 530613, 2-100 0 AREA=636.M**2 QMAX= 64.6MM/H 16 -2 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	8	8	1.2	75.8
10	29	8	8	1.2	75.8
20	29	8	9	1.2	75.8
30	29	8	9	1.4	72.5
40	29	8	10	1.7	71.9
50	29	8	12	2.0	83.3
60	30	11	15	2.6	94.0
70	31	13	18	3.4	97.9
80	31	16	21	4.6	102.2
90	33	19	26	6.0	103.5
100	36	24	31	8.0	107.9
110	39	29	34	10.9	103.2
120	44	33	36	14.2	102.0
130	50	38	40	18.1	107.8
140	59	42	41	22.8	110.0
150	69	47	44	27.9	99.4
160	80	52	45	33.3	101.1
170	92	56	46	38.9	101.4
180	102	59	46	44.2	96.4
190	112	62	47	49.4	94.4
200	121	64	47	53.8	26.1
210	128	66	47	57.6	0.
220	134	68	47	61.2	0.
230	138	70	46	62.8	0.
240	141	70	44	64.3	0.
250	144	71	43	65.9	0.
260	146	71	42	66.0	0.
270	147	70	39	66.2	0.
280	147	69	38	65.1	0.
290	147	69	36	64.2	0.
300	146	68	34	62.8	0.
310	146	66	33	61.6	0.
320	144	65	32	58.9	0.
330	143	64	30	56.7	0.
340	141	62	30	54.0	0.
350	138	60	28	51.3	0.
360	135	58	27	48.5	0.
370	133	56	26	46.0	0.
380	130	54	25	43.8	0.
390	128	53	25	41.7	0.
400	126	51	23	39.5	0.
410	123	49	22	37.8	0.
420	121	48	22	36.2	0.
430	118	47	21	33.8	0.
440	117	45	21	32.6	0.
450	114	44	19	30.8	0.
460	112	43	18	29.5	0.
470	111	43	18	28.4	0.
480	108	42	18	26.9	0.
490	106	41	17	25.7	0.
500	105	40	16	24.5	0.
510	103	39	16	23.8	0.
520	101	38	15	22.7	0.
530	100	37	15	22.0	0.
540	99	36	15	21.4	0.
550	97	35	14	20.5	0.
560	96	34	14	19.9	0.
570	94	32	14	18.8	0.
580	93	32	13	18.3	0.
590	91	31	13	17.4	0.
600	90	30	13	16.7	0.
660	82	26	11	13.2	0.
720	75	23	11	10.4	0.
780	69	21	10	8.1	0.
840	63	19	9	6.3	0.
900	58	17	9	5.2	0.
960	54	15	9	4.4	0.
1020	51	14	8	3.8	0.
1080	48	13	8	3.4	0.
1140	46	12	8	3.0	0.
1200	43	11	8	2.5	0.
1260	41	11	8	2.2	0.
1320	40	11	8	2.1	0.
1380	38	9	8	1.8	0.
1440	36	9	8	1.5	0.
1500	35	9	8	1.5	0.
1560	34	8	7	1.5	0.
1620	33	8	7	1.4	0.
1680	32	8	7	1.2	0.
1740	31	8	7	1.4	0.

資料 3.117　流出量・降雨量および水路水位

DISCHARGE & R.I.,　16 -3 -5,　530613,　2-150　0 AREA=636.M**2　QMAX= 90.5MM/H　　16 -3 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	25	7	7	0.8	67.0	540	101	38	17	22.3	0.	1080	49	14	8	3.3	0.						
10	26	7	8	1.6	67.0	550	99	37	16	21.2	0.	1090	48	13	8	3.3	0.						
20	26	7	8	1.5	67.0	560	97	36	16	21.3	0.	1100	48	13	8	3.3	0.						
30	26	8	8	1.5	67.0	570	96	35	16	20.0	0.	1110	47	13	8	3.2	0.						
40	26	8	9	2.3	80.9	580	94	34	15	18.8	0.	1120	47	13	8	3.2	0.						
50	26	10	12	3.2	124.3	590	96	33	15	19.7	0.	1130	47	13	8	3.1	0.						
60	27	12	17	3.5	131.4	600	92	32	15	17.2	0.	1140	46	13	8	3.2	0.						
70	31	16	25	5.4	139.6	610	90	31	15	16.7	0.	1200	44	12	8	2.7	0.						
80	33	21	31	8.0	130.5	620	89	30	14	15.3	0.	1260	42	11	8	2.3	0.						
90	34	27	38	11.3	127.9	630	87	30	14	15.3	0.	1320	40	11	8	2.1	0.						
100	39	33	41	14.8	140.0	640	86	29	14	15.0	0.	1380	38	10	7	1.9	0.						
110	47	39	45	20.1	141.0	650	85	29	14	14.3	0.	1440	37	9	7	1.7	0.						
120	58	47	48	26.5	134.5	660	84	28	14	14.0	0.	1500	36	9	7	1.6	0.						
130	71	52	50	33.5	141.0	670	82	27	13	13.2	0.	1560	34	9	7	1.4	0.						
140	87	57	52	41.5	134.9	680	81	26	13	12.9	0.	1620	33	8	7	1.3	0.						
150	100	63	53	48.8	132.0	690	81	26	13	12.5	0.	1680	32	8	7	1.3	0.						
160	114	69	53	56.9	136.4	700	79	25	12	12.0	0.	1740	32	8	7	1.5	0.						
170	125	73	56	63.7	142.7	710	78	25	12	11.4	0.												
180	135	77	56	70.4	151.7	720	77	24	12	10.9	0.												
190	144	81	57	75.7	93.0	730	76	24	12	10.6	0.												
200	152	86	58	82.2	42.9	740	74	23	11	10.1	0.												
210	157	87	56	86.4	0.	750	74	23	11	9.9	0.												
220	162	88	55	90.0	0.	760	72	22	11	9.4	0.												
230	165	87	53	90.9	0.	770	71	22	11	9.1	0.												
240	167	87	51	92.0	0.	780	71	22	11	8.6	0.												
250	167	89	49	91.0	0.	790	69	21	11	8.2	0.												
260	168	85	47	90.7	0.	800	68	21	11	7.7	0.												
270	168	84	46	89.0	0.	810	67	21	11	7.4	0.												
280	167	83	41	87.2	0.	820	66	20	10	7.2	0.												
290	165	80	39	83.8	0.	830	65	20	10	6.7	0.												
300	164	79	36	81.7	0.	840	64	19	10	6.7	0.												
310	162	77	35	78.4	0.	850	63	19	10	6.5	0.												
320	159	75	32	74.6	0.	860	62	19	10	6.4	0.												
330	157	73	30	71.2	0.	870	62	19	10	6.1	0.												
340	154	70	29	67.4	0.	880	61	18	10	5.9	0.												
350	151	69	27	63.8	0.	890	60	18	9	5.8	0.												
360	148	65	26	60.1	0.	900	59	18	9	5.5	0.												
370	145	63	25	56.9	0.	910	59	17	9	5.4	0.												
380	142	61	24	53.6	0.	920	58	17	9	5.5	0.												
390	139	59	23	51.1	0.	930	57	17	9	5.2	0.												
400	136	56	23	47.6	0.	940	57	17	9	4.9	0.												
410	132	55	22	44.4	0.	950	56	16	9	4.9	0.												
420	129	52	21	41.6	0.	960	55	16	9	4.7	0.												
430	126	51	20	39.2	0.	970	55	16	9	4.6	0.												
440	124	49	20	37.5	0.	980	54	15	9	4.2	0.												
450	121	48	20	35.4	0.	990	53	15	9	4.3	0.												
460	118	46	20	32.8	0.	1000	53	15	9	4.2	0.												
470	116	44	19	31.3	0.	1010	52	15	9	4.0	0.												
480	113	44	18	29.3	0.	1020	52	15	9	4.1	0.												
490	111	42	18	28.1	0.	1030	51	15	9	3.7	0.												
500	109	41	18	26.5	0.	1040	51	14	9	3.9	0.												
510	106	41	17	25.2	0.	1050	50	14	9	3.7	0.												
520	104	40	17	24.0	0.	1060	50	14	9	3.6	0.												
530	102	39	17	23.0	0.	1070	49	14	9	3.6	0.												

資料 3.118　流出量・降雨量および水路水位

DISCHARGE & R.I.　16 -4 -5,　530613,　1 -20　0 AREA=636.M**2　QMAX= 20.5MM/H　　16 -4 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	25	7	7	0.8	10.6	540	86	34	24	18.2	28.6	1080	93	37	24	20.9	24.9						
10	25	7	7	0.8	10.6	550	86	34	24	18.2	29.2	1090	-	-	-	-	24.9						
20	25	7	7	0.8	10.6	560	86	34	24	18.2	29.2	1100	-	-	-	-	24.9						
30	25	7	7	0.7	10.6	570	87	35	24	18.5	29.2	1110	-	-	-	-	25.9						
40	25	7	7	0.7	10.6	580	87	35	24	18.6	29.0	1120	-	-	-	-	31.4						
50	25	7	7	0.7	10.6	590	88	35	24	18.8	29.0	1130	-	-	-	-	31.4						
60	24	7	7	0.7	10.6	600	88	35	24	19.0	28.3	1140	93	37	24	21.1	31.4						
70	24	7	7	0.7	10.6	610	89	35	24	19.2	28.3	1150	-	-	-	-	31.4						
80	24	8	8	0.7	10.6	620	89	35	24	19.4	28.3	1160	-	-	-	-	31.1						
90	24	8	8	0.9	10.6	630	89	35	24	19.3	27.5	1170	-	-	-	-	29.1						
100	24	8	8	0.9	10.6	640	90	35	24	19.5	27.2	1180	-	-	-	-	29.1						
110	24	8	9	1.1	10.6	650	90	35	24	19.5	27.2	1190	-	-	-	-	29.1						
120	25	8	10	1.3	10.6	660	90	36	24	19.6	27.2	1200	93	37	24	20.7	21.1						
130	25	9	11	1.4	10.6	670	90	36	24	19.8	30.2	1210	-	-	-	-	21.1						
140	25	9	11	1.5	15.1	680	91	36	24	19.9	31.2	1220	-	-	-	-	19.3						
150	26	10	12	1.6	19.5	690	91	36	24	20.0	34.0	1230	-	-	-	-	23.8						
160	26	10	13	1.7	25.5	700	91	36	24	19.8	34.6	1240	-	-	-	-	23.8						
170	26	11	14	1.9	28.1	710	91	36	24	19.8	34.6	1250	-	-	-	-	23.8						
180	27	11	14	2.2	28.1	720	91	36	24	19.9	35.8	1260	92	36	24	20.4	23.8						
190	27	13	15	2.4	27.3	730	-	-	-	-	35.9	1270	-	-	-	-	19.7						
200	28	13	16	2.8	27.3	740	-	-	-	-	35.0	1280	-	-	-	-	19.7						
210	30	14	17	3.2	24.7	750	-	-	-	-	35.0	1290	-	-	-	-	18.1						
220	31	15	18	3.6	24.4	760	-	-	-	-	34.8	1300	-	-	-	-	18.1						
230	32	16	18	3.9	23.8	770	-	-	-	-	34.0	1310	-	-	-	-	18.1						
240	33	17	19	4.3	21.5	780	91	36	24	20.0	34.4	1320	92	37	24	20.4	7.1						
250	35	19	20	4.8	21.5	790	-	-	-	-	36.0	1330	-	-	-	-	7.1						
260	36	19	20	5.4	21.5	800	-	-	-	-	35.3	1340	-	-	-	-	7.1						
270	38	21	20	5.9	21.5	810	-	-	-	-	34.9	1350	-	-	-	-	7.1						
280	40	22	20	6.8	22.0	820	-	-	-	-	34.5	1360	-	-	-	-	7.1						
290	43	23	21	7.2	22.0	830	-	-	-	-	32.1	1380	92	35	21	19.6	0.						
300	45	23	21	8.0	23.2	840	92	36	24	20.2	31.9	1440	89	32	18	17.2	0.						
310	48	24	21	8.5	23.3	850	-	-	-	-	31.9	1500	84	30	16	14.4	0.						
320	50	25	22	9.0	23.3	860	-	-	-	-	31.9	1560	78	26	14	11.9	0.						
330	53	26	22	9.7	25.0	870	-	-	-	-	30.5	1620	72	23	13	9.3	0.						
340	55	27	22	9.9	25.4	880	-	-	-	-	31.4	1680	66	21	12	7.5	0.						
350	57	27	22	10.9	25.4	890	-	-	-	-	32.0	1740	62	19	11	6.4	0.						
360	60	28	22	11.1	25.4	900	92	36	24	20.4	32.0	1800	58	18	11	5.5	0.						
370	62	28	23	11.9	25.4	910	-	-	-	-	32.0	1860	55	17	10	4.7	0.						
380	64	29	23	12.5	23.5	920	-	-	-	-	32.0	1920	52	15	10	4.3	0.						
390	66	29	23	12.9	23.3	930	-	-	-	-	29.5	1980	50	15	10	4.6	0.						
400	68	30	23	13.2	23.3	940	-	-	-	-	30.1												
410	71	30	23	14.0	21.3	950	-	-	-	-	30.1												
420	72	31	23	14.2	21.1	960	92	36	24	20.4	30.1												
430	74	31	24	14.8	21.1	970	-	-	-	-	30.1												
440	75	31	24	15.2	24.0	980	-	-	-	-	30.1												
450	77	32	24	15.6	24.0	990	-	-	-	-	31.4												
460	78	32	24	16.0	24.0	1000	-	-	-	-	32.4												
470	80	32	24	16.3	24.0	1010	-	-	-	-	32.4												
480	81	33	24	16.6	27.5	1020	92	37	24	20.6	32.4												
490	82	33	24	17.0	27.0	1030	-	-	-	-	32.4												
500	83	33	24	17.1	27.0	1040	-	-	-	-	30.6												
510	83	33	24	17.5	27.0	1050	-	-	-	-	24.9												
520	84	34	24	17.5	26.8	1060	-	-	-	-	24.9												
530	85	34	24	17.8	24.5	1070	-	-	-	-	24.9												

資料 3.119　流出量・降雨量および水路水位

DISCHARGE & R.I.,　16 -5 -5,　530613,　3 -20-200 AREA=636.M**2　QMAX= 19.7MM/H　　16 -5 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	14	5	7	0.2	13.4	540	82	33	24	16.5	23.9	1080	91	36	25	19.6	25.7	1620	149	76	52	71.8	100.2
10	14	5	7	0.2	13.4	550	82	33	24	16.9	23.9	1090	-	-	-	-	27.4	1630	151	77	53	74.1	92.6
20	14	5	7	0.3	13.4	560	83	34	24	17.0	24.6	1100	-	-	-	-	27.4	1640	154	78	53	76.2	90.7
30	14	6	7	0.3	13.4	570	84	34	24	17.2	23.9	1110	-	-	-	-	28.0	1650	155	79	53	77.3	55.2
40	14	6	7	0.3	13.4	580	84	34	24	17.4	23.8	1120	-	-	-	-	28.9	1660	157	79	50	78.6	52.7
50	15	6	7	0.3	13.4	590	85	34	24	17.7	23.8	1130	-	-	-	-	26.6	1670	158	79	49	78.5	50.2
60	15	6	7	0.3	13.4	600	85	34	24	17.8	23.8	1140	91	36	24	19.9	25.6	1680	158	78	48	78.3	48.2
70	15	6	7	0.4	13.4	610	86	34	24	17.9	23.5	1150	-	-	-	-	25.6	1690	158	78	47	77.5	37.0
80	15	6	7	0.3	13.4	620	87	34	24	18.2	23.2	1160	-	-	-	-	24.2	1700	158	77	45	77.4	37.0
90	15	6	7	0.3	13.9	630	87	34	24	18.3	23.2	1170	-	-	-	-	22.8	1710	157	77	44	75.6	37.0
100	15	6	8	0.4	16.1	640	87	34	24	18.3	23.3	1180	-	-	-	-	22.8	1720	157	76	43	74.3	33.9
110	15	6	8	0.5	16.1	650	87	34	24	18.3	23.3	1190	-	-	-	-	23.5	1730	156	75	43	72.7	21.9
120	15	6	8	0.6	16.1	660	88	35	24	18.4	23.3	1200	91	36	24	20.0	26.3	1740	154	74	40	70.7	21.9
130	15	6	9	0.6	16.1	670	88	35	24	18.6	23.1	1210	-	-	-	-	26.3	1750	153	72	39	68.9	22.4
140	15	7	10	0.7	16.1	680	88	35	24	18.7	23.0	1220	-	-	-	-	26.3	1760	152	70	37	67.2	25.3
150	16	8	10	0.8	20.5	690	88	35	24	18.8	23.0	1230	-	-	-	-	26.2	1770	150	69	37	65.0	25.3
160	16	8	11	0.9	24.1	700	89	35	24	18.9	23.0	1240	-	-	-	-	23.9	1780	148	68	36	62.0	25.3
170	16	9	13	1.1	24.2	710	89	35	24	19.0	23.0	1250	-	-	-	-	21.6	1790	146	66	35	59.7	25.3
180	17	9	14	1.2	24.2	720	89	35	24	19.1	21.9	1260	92	36	25	20.1	21.6	1800	144	65	35	57.5	25.0
190	17	10	15	1.5	24.2	730	-	-	-	-	24.4	1270	-	-	-	-	21.6	1810	-	-	-	-	25.0
200	18	11	15	1.7	24.2	740	-	-	-	-	25.5	1280	-	-	-	-	21.6	1820	-	-	-	-	25.0
210	19	12	16	2.1	22.4	750	-	-	-	-	24.5	1290	-	-	-	-	21.5	1830	-	-	-	-	26.4
220	20	13	17	2.5	22.5	760	-	-	-	-	24.3	1300	-	-	-	-	21.5	1840	-	-	-	-	26.4
230	21	13	18	2.8	22.5	770	-	-	-	-	22.3	1310	-	-	-	-	22.2	1850	-	-	-	-	25.4
240	22	15	18	3.2	22.5	780	90	36	25	19.5	19.4	1320	92	36	25	20.2	25.0	1860	132	57	32	46.7	25.4
250	24	16	19	3.6	22.5	790	-	-	-	-	19.4	1330	-	-	-	-	25.0	1870	-	-	-	-	25.4
260	26	16	20	4.0	21.8	800	-	-	-	-	19.4	1340	-	-	-	-	25.0	1880	-	-	-	-	25.4
270	27	18	20	4.5	20.6	810	-	-	-	-	22.2	1350	-	-	-	-	25.0	1890	-	-	-	-	26.3
280	29	19	20	4.9	19.7	820	-	-	-	-	23.3	1360	-	-	-	-	28.5	1900	-	-	-	-	25.6
290	31	20	21	5.4	19.7	830	-	-	-	-	23.3	1370	-	-	-	-	27.7	1910	-	-	-	-	25.6
300	33	21	21	6.0	19.7	840	91	36	24	19.8	23.3	1380	92	36	24	20.2	27.7	1920	123	53	31	39.3	25.6
310	36	22	22	6.7	19.7	850	-	-	-	-	23.3	1390	-	-	-	-	27.7	1930	-	-	-	-	25.6
320	39	23	22	7.4	19.8	860	-	-	-	-	23.3	1400	-	-	-	-	27.7	1940	-	-	-	-	23.8
330	41	24	23	7.8	20.3	870	-	-	-	-	23.7	1410	-	-	-	-	27.7	1950	-	-	-	-	23.8
340	44	25	23	8.6	20.3	880	-	-	-	-	23.7	1420	-	-	-	-	27.7	1960	-	-	-	-	23.9
350	47	26	23	9.1	20.5	890	-	-	-	-	23.7	1430	-	-	-	-	41.8	1970	-	-	-	-	24.0
360	50	26	23	9.7	21.7	900	91	36	24	19.7	23.9	1440	92	37	25	20.6	61.2	1980	116	49	29	34.1	24.0
370	53	27	23	10.2	21.7	910	-	-	-	-	24.6	1450	92	37	26	20.9	62.6	1990	-	-	-	-	22.2
380	55	27	23	10.6	21.9	920	-	-	-	-	24.0	1460	93	38	27	21.4	74.4	2000	-	-	-	-	21.5
390	58	28	23	11.2	22.3	930	-	-	-	-	23.4	1470	94	39	31	23.4	80.8	2010	-	-	-	-	21.5
400	60	28	24	11.5	22.3	940	-	-	-	-	23.4	1480	95	41	33	24.8	91.5	2020	-	-	-	-	21.5
410	63	29	24	12.0	22.3	950	-	-	-	-	23.4	1490	97	43	36	26.0	94.2	2030	-	-	-	-	21.0
420	65	29	24	12.4	21.8	960	91	36	24	19.7	23.7	1500	99	45	38	29.3	95.7	2040	111	48	27	30.7	21.1
430	67	30	24	12.9	21.2	970	-	-	-	-	25.2	1510	102	48	41	31.9	101.6	2050	-	-	-	-	21.1
440	69	30	24	13.4	20.4	980	-	-	-	-	24.7	1520	103	51	43	33.4	84.0	2060	-	-	-	-	21.9
450	71	30	24	13.7	20.3	990	-	-	-	-	23.7	1530	110	54	47	39.1	90.2	2070	-	-	-	-	22.0
460	72	31	24	14.1	20.3	1000	-	-	-	-	23.7	1540	114	57	48	43.1	94.8	2080	-	-	-	-	22.0
470	74	31	24	14.3	20.3	1010	-	-	-	-	23.4	1550	119	61	49	47.8	99.8	2090	-	-	-	-	22.0
480	75	32	24	14.6	20.3	1020	91	36	25	19.9	21.0	1560	125	63	49	51.8	105.8	2100	105	45	27	26.9	23.4
490	76	32	24	15.1	20.3	1030	-	-	-	-	21.0	1570	129	65	49	55.0	89.7	2110	-	-	-	-	23.8
500	77	32	24	15.3	21.1	1040	-	-	-	-	21.0	1580	134	68	51	59.5	89.9	2120	-	-	-	-	23.2
510	79	32	24	15.9	23.3	1050	-	-	-	-	21.0	1590	138	70	51	63.0	103.4	2130	-	-	-	-	22.9
520	80	32	24	15.9	23.9	1060	-	-	-	-	23.5	1600	142	72	51	66.1	101.0	2140	-	-	-	-	22.9
530	81	33	24	16.5	23.9	1070	-	-	-	-	23.7	1610	146	74	52	69.7	95.3	2150	-	-	-	-	22.3

資料 3.120　流出量・降雨量および水路水位

DISCHARGE & R.I., 16 -5 -5, 530613, 3 -20-200 AREA=636.M**2 QMAX= 19.7MM/H 16 -5 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	105	42	27	27.7	21.0
2170	-	-	-	-	21.0
2180	-	-	-	-	21.0
2190	-	-	-	-	19.4
2200	-	-	-	-	19.3
2210	-	-	-	-	19.3
2220	102	41	26	25.8	19.8
2230	-	-	-	-	20.2
2240	-	-	-	-	20.2
2250	-	-	-	-	20.2
2260	-	-	-	-	20.2
2270	-	-	-	-	19.9
2280	101	40	25	24.8	20.1
2290	-	-	-	-	20.7
2300	-	-	-	-	20.7
2310	-	-	-	-	20.7
2320	-	-	-	-	20.7
2330	-	-	-	-	20.7
2340	99	39	25	23.9	24.4
2350	-	-	-	-	24.4
2360	-	-	-	-	25.0
2370	-	-	-	-	25.9
2380	-	-	-	-	22.4
2390	-	-	-	-	22.0
2400	98	39	25	23.1	22.1
2410	-	-	-	-	22.7
2420	-	-	-	-	22.7
2430	-	-	-	-	23.6
2440	-	-	-	-	25.3
2450	-	-	-	-	25.3
2460	97	38	25	22.6	25.3
2470	-	-	-	-	25.3
2480	-	-	-	-	23.9
2490	-	-	-	-	23.7
2500	-	-	-	-	23.7
2510	-	-	-	-	23.9
2520	96	38	25	22.2	24.4
2530	-	-	-	-	27.1
2540	-	-	-	-	27.4
2550	-	-	-	-	27.4
2560	-	-	-	-	27.4
2570	-	-	-	-	23.9
2580	95	37	25	21.7	23.5
2590	-	-	-	-	23.5
2600	-	-	-	-	23.5
2610	-	-	-	-	23.5
2620	-	-	-	-	25.8
2630	-	-	-	-	28.1
2640	94	37	25	21.5	28.1
2650	-	-	-	-	28.1
2660	-	-	-	-	23.8
2670	-	-	-	-	22.0
2680	-	-	-	-	22.0
2690	-	-	-	-	22.0
2700	94	37	25	21.3	22.0
2710	-	-	-	-	18.1
2720	-	-	-	-	8.1
2760	93	36	23	20.5	0.
2820	91	37	20	18.6	0.
2880	86	32	18	15.7	0.
2940	81	28	15	13.2	0.
3000	75	24	13	10.5	0.
3060	69	22	13	8.3	0.
3120	64	20	13	6.9	0.
3180	60	19	11	5.9	0.
3240	56	17	11	5.0	0.
3300	53	16	10	4.4	0.
3360	50	15	10	3.9	0.
3420	48	14	9	3.6	0.
3480	46	13	9	3.2	0.
3540	44	12	8	2.8	0.
3600	43	12	8	2.5	0.
3660	41	11	8	2.3	0.
3720	40	11	7	2.2	0.
3780	39	11	7	2.1	0.
3840	38	11	7	1.9	0.
3900	36	10	7	1.8	0.
3960	36	9	7	1.8	0.
4020	35	9	7	1.6	0.
4080	34	9	7	1.5	0.
4140	33	9	7	1.4	0.
4200	32	9	7	1.6	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.121　流出量・降雨量および水路水位

DISCHARGE & R.I.,　16 -6 -5,　530613,　2-200　0 AREA=636.M**2　QMAX=130.1MM/H　　16 -6 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	8	7	1.4	77.0	540	107	41	19	25.9	0.												
10	31	8	7	2.0	77.0	550	106	40	19	25.0	0.												
20	31	9	7	2.3	77.0	560	104	39	18	24.1	0.												
30	32	9	9	2.7	85.0	570	102	38	18	22.8	0.												
40	32	11	12	3.5	113.1	580	100	38	18	22.3	0.												
50	33	15	16	5.1	206.2	590	99	37	17	21.7	0.												
60	35	19	21	7.4	200.2	600	97	36	17	20.9	0.												
70	37	23	22	10.9	203.8	660	90	32	14	17.4	0.												
80	42	32	43	15.8	205.7	720	84	27	12	14.1	0.												
90	50	41	47	21.7	190.9	780	77	25	11	11.3	0.												
100	60	49	55	29.2	202.8	840	71	22	10	9.1	0.												
110	75	58	56	37.6	243.1	900	66	20	9	7.2	0.												
120	91	65	57	47.2	244.4	960	61	18	9	5.9	0.												
130	109	71	58	58.7	198.7	1020	56	16	8	4.9	0.												
140	125	78	59	70.0	180.2	1080	53	15	8	4.1	0.												
150	139	84	60	80.3	188.6	1140	49	14	7	3.5	0.												
160	151	90	60	90.1	165.4	1200	47	13	7	3.1	0.												
170	161	94	60	98.8	154.0	1260	45	11	7	2.7	0.												
180	169	100	60	107.2	152.4	1320	42	11	7	2.3	0.												
190	177	106	61	115.4	172.1	1380	40	11	7	2.2	0.												
200	183	107	60	122.3	193.5	1440	39	10	7	1.9	0.												
210	188	111	61	126.9	208.1	1500	37	10	7	2.2	0.												
220	192	113	60	131.4	0.																		
230	194	112	59	132.4	0.																		
240	194	109	58	131.1	0.																		
250	194	108	56	128.7	0.																		
260	193	104	53	124.6	0.																		
270	190	102	52	119.8	0.																		
280	188	99	49	115.3	0.																		
290	185	96	47	109.6	0.																		
300	182	93	45	104.5	0.																		
310	179	90	44	99.5	0.																		
320	175	87	41	94.9	0.																		
330	173	84	39	90.9	0.																		
340	169	81	37	85.7	0.																		
350	166	79	35	82.0	0.																		
360	162	76	32	76.7	0.																		
370	159	73	30	73.0	0.																		
380	156	70	29	68.7	0.																		
390	152	68	27	63.7	0.																		
400	148	67	26	59.6	0.																		
410	145	62	25	55.8	0.																		
420	141	60	24	52.3	0.																		
430	137	57	23	48.6	0.																		
440	134	55	23	45.7	0.																		
450	131	53	22	43.4	0.																		
460	127	51	22	39.8	0.																		
470	125	50	21	37.9	0.																		
480	122	48	20	35.7	0.																		
490	119	46	20	33.5	0.																		
500	116	45	19	31.4	0.																		
510	114	44	19	30.1	0.																		
520	112	43	19	28.7	0.																		
530	109	42	19	26.9	0.																		

資料 3.122　流出量・降雨量および水路水位

DISCHARGE & R.I., 16 -7 -5, 530613, 1-150 0 AREA=636.M**2 QMAX=140.4MM/H 16 -7 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	7	7	1.4	69.7	540	200	116	59	140.2	138.0	1080	200	116	59	139.6	130.3	1920	64	19	9	6.7	0.
10	31	8	7	1.4	69.7	550	-	-	-	-	141.5	1090	-	-	-	-	122.2	1980	59	17	9	5.5	0.
20	31	8	7	1.6	69.7	560	-	-	-	-	154.2	1100	-	-	-	-	134.3	2040	55	15	8	4.5	0.
30	31	9	8	1.9	70.5	570	-	-	-	-	135.7	1110	-	-	-	-	128.6	2100	51	14	8	3.9	0.
40	31	10	10	2.4	74.3	580	-	-	-	-	149.7	1120	-	-	-	-	132.0	2160	48	13	8	3.3	0.
50	32	11	14	3.1	97.0	590	-	-	-	-	145.7	1130	-	-	-	-	132.9	2220	46	12	7	3.0	0.
60	33	14	18	4.4	118.0	600	200	116	58	140.7	131.7	1140	199	114	59	138.7	132.0	2280	44	11	7	2.6	0.
70	34	17	24	6.3	134.9	610	-	-	-	-	128.3	1150	-	-	-	-	133.7	2340	41	11	7	2.3	0.
80	36	23	14	9.0	165.3	620	-	-	-	-	124.0	1160	-	-	-	-	116.7	2400	40	10	7	2.6	0.
90	40	27	37	12.7	165.7	630	-	-	-	-	138.2	1170	-	-	-	-	127.6						
100	46	36	44	14.0	151.0	640	-	-	-	-	126.8	1180	-	-	-	-	119.6						
110	54	42	47	15.3	162.5	650	-	-	-	-	114.9	1190	-	-	-	-	128.6						
120	65	48	49	28.9	139.0	660	201	116	61	141.5	108.5	1200	199	115	59	137.5	120.2						
130	68	55	51	32.6	162.5	670	-	-	-	-	103.3	1210	-	-	-	-	137.0						
140	68	60	52	33.7	160.0	680	-	-	-	-	156.3	1220	-	-	-	-	144.2						
150	107	66	55	52.6	174.5	690	-	-	-	-	149.7	1230	-	-	-	-	130.6						
160	121	71	56	65.4	164.3	700	-	-	-	-	125.6	1240	-	-	-	-	125.4						
170	133	75	57	77.5	161.6	710	-	-	-	-	125.3	1250	-	-	-	-	111.6						
180	142	79	58	76.4	154.5	720	200	117	59	140.2	124.5	1260	199	113	57	136.2	28.5						
190	150	84	58	83.2	156.9	730	-	-	-	-	117.9	1270	-	-	-	-	25.0						
200	157	89	58	88.8	150.7	740	-	-	-	-	124.1	1280	-	-	-	-	10.9						
210	164	92	58	95.7	155.9	750	-	-	-	-	157.6	1290	-	-	-	-	10.9						
220	169	95	58	101.2	152.2	760	-	-	-	-	133.9	1300	-	-	-	-	10.9						
230	173	97	58	105.5	156.2	770	-	-	-	-	136.7	1310	-	-	-	-	10.9						
240	178	100	59	110.9	164.2	780	201	117	59	141.1	134.7	1320	187	97	46	113.1	10.9						
250	181	102	59	114.3	155.5	790	-	-	-	-	129.1	1330	-	-	-	-	10.9						
260	183	104	59	117.3	141.9	800	-	-	-	-	128.2	1340	-	-	-	-	10.9						
270	186	106	59	121.2	150.7	810	-	-	-	-	121.8	1350	-	-	-	-	10.9						
280	188	107	59	124.2	145.4	820	-	-	-	-	131.4	1360	-	-	-	-	10.9						
290	190	109	59	126.0	142.6	830	-	-	-	-	121.4	1370	-	-	-	-	10.9						
300	192	110	59	128.3	134.9	840	200	116	58	140.0	129.0	1380	167	80	33	82.4	10.9						
310	193	111	59	130.0	130.7	850	-	-	-	-	117.7	1390	-	-	-	-	10.9						
320	193	111	59	130.4	142.8	860	-	-	-	-	119.8	1400	-	-	-	-	12.4						
330	194	112	59	131.7	139.6	870	-	-	-	-	128.0	1410	-	-	-	-	18.8						
340	196	112	59	133.6	144.1	880	-	-	-	-	124.3	1420	-	-	-	-	18.8						
350	196	112	59	133.9	141.5	890	-	-	-	-	138.0	1430	-	-	-	-	18.8						
360	196	113	59	134.5	141.7	900	199	116	59	139.0	129.6	1440	147	63	25	58.8	18.8						
370	197	114	59	135.6	150.5	910	-	-	-	-	134.0	1450	-	-	-	-	14.4						
380	198	115	59	137.8	149.2	920	-	-	-	-	139.3	1460	-	-	-	-	17.1						
390	198	115	59	138.1	155.5	930	-	-	-	-	150.4	1470	-	-	-	-	17.1						
400	199	115	59	139.2	141.3	940	-	-	-	-	149.1	1480	-	-	-	-	17.1						
410	199	116	59	138.8	136.3	950	-	-	-	-	140.2	1490	-	-	-	-	18.6						
420	199	116	58	139.4	135.7	960	201	116	59	141.7	146.7	1500	129	52	21	41.4	18.8						
430	199	116	58	139.2	148.0	970	-	-	-	-	138.7	1510	-	-	-	-	18.8						
440	199	116	58	139.3	154.5	980	-	-	-	-	148.2	1520	-	-	-	-	13.9						
450	200	116	58	140.5	140.2	990	-	-	-	-	126.2	1530	-	-	-	-	11.8						
460	200	116	58	140.3	153.9	1000	-	-	-	-	129.7	1540	-	-	-	-	11.8						
470	200	116	58	140.8	145.3	1010	-	-	-	-	115.4	1550	-	-	-	-	11.8						
480	200	117	59	140.6	148.2	1020	200	116	58	140.5	117.7	1560	113	44	19	29.2	11.8						
490	-	-	-	-	147.9	1030	-	-	-	-	135.3	1620	101	38	18	22.4	0.						
500	-	-	-	-	143.9	1040	-	-	-	-	131.6	1680	93	33	15	18.2	0.						
510	-	-	-	-	127.6	1050	-	-	-	-	136.9	1740	85	28	13	14.3	0.						
520	-	-	-	-	150.4	1060	-	-	-	-	120.7	1800	78	24	11	11.3	0.						
530	-	-	-	-	132.1	1070	-	-	-	-	124.2	1860	71	21	10	8.7	0.						

資料 3.123　流出量・降雨量および水路水位

DISCHARGE & R.I.　16 -8 -5,　530613,　3-100-200 AREA=636.M**2　QMAX=101.3MM/H　　16 -8 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	33	8	7	1.7	68.5	540	175	92	52	99.8	102.2	1080	212	129	62	162.3	181.2	1620	175	91	51	99.4	95.9
10	33	8	7	1.5	68.5	550	175	92	52	100.0	100.0	1090	212	129	62	162.3	201.8	1630	-	-	-	-	97.2
20	33	9	7	1.7	68.5	560	175	92	52	100.2	97.3	1100	213	131	62	162.1	167.3	1640	-	-	-	-	109.9
30	33	9	8	1.7	69.1	570	175	92	52	100.2	103.4	1110	213	127	60	161.4	139.2	1650	-	-	-	-	104.6
40	33	9	9	2.0	73.9	580	175	92	52	100.1	110.4	1120	212	126	59	158.6	104.7	1660	-	-	-	-	101.8
50	33	10	11	2.5	75.8	590	175	92	52	100.9	103.5	1130	210	121	58	154.2	107.4	1670	-	-	-	-	113.8
60	34	11	14	3.0	103.7	600	175	92	52	100.9	110.5	1140	207	119	58	148.9	108.0	1680	174	91	52	99.2	111.6
70	34	14	17	4.1	91.7	610	175	92	52	101.0	116.6	1150	205	117	57	143.9	99.7	1690	-	-	-	-	106.7
80	36	16	21	5.3	86.7	620	176	92	52	101.2	107.2	1160	203	113	56	140.9	101.0	1700	-	-	-	-	112.9
90	37	20	25	6.8	86.7	630	176	92	52	101.2	93.1	1170	200	111	56	134.9	107.6	1710	-	-	-	-	109.1
100	41	24	29	8.9	95.1	640	176	92	52	101.5	96.5	1180	197	109	56	130.7	98.0	1720	-	-	-	-	106.2
110	44	30	33	12.3	94.3	650	176	92	52	101.4	96.9	1190	194	108	55	126.0	93.0	1730	-	-	-	-	115.0
120	49	34	36	15.6	101.4	660	176	92	52	101.5	99.1	1200	193	105	55	123.5	98.6	1740	175	92	53	99.7	108.4
130	55	37	38	19.1	97.8	670	-	-	-	-	104.4	1210	191	104	54	120.8	98.6	1750	-	-	-	-	104.4
140	65	42	40	24.2	94.3	680	-	-	-	-	107.3	1220	189	103	54	118.7	88.4	1760	-	-	-	-	109.8
150	74	48	42	29.4	124.6	690	-	-	-	-	99.9	1230	187	101	53	115.4	100.2	1770	-	-	-	-	104.4
160	85	53	44	34.7	109.2	700	-	-	-	-	100.3	1240	186	100	53	115.4	115.0	1780	-	-	-	-	101.4
170	95	55	46	39.8	89.3	710	-	-	-	-	103.8	1250	185	99	53	113.2	101.8	1790	-	-	-	-	112.1
180	106	59	46	46.0	102.7	720	176	93	53	101.4	111.3	1260	184	98	53	112.3	101.8	1800	175	92	53	100.4	111.7
190	114	61	46	50.4	107.9	730	-	-	-	-	107.4	1270	-	-	-	-	101.6	1810	-	-	-	-	107.9
200	123	64	47	56.0	119.6	740	-	-	-	-	96.4	1280	-	-	-	-	102.2	1820	-	-	-	-	98.2
210	130	68	48	59.7	94.5	750	-	-	-	-	99.3	1290	-	-	-	-	104.1	1830	-	-	-	-	96.7
220	136	69	48	64.2	92.9	760	-	-	-	-	103.3	1300	-	-	-	-	113.9	1840	-	-	-	-	92.1
230	142	71	49	67.8	102.3	770	-	-	-	-	111.4	1310	-	-	-	-	106.0	1850	-	-	-	-	100.5
240	145	74	49	70.4	102.3	780	176	93	53	101.4	108.0	1320	180	96	53	105.9	101.7	1860	175	92	53	100.0	0.
250	149	76	50	72.9	110.2	790	-	-	-	-	106.2	1330	-	-	-	-	108.7	1920	171	85	44	91.8	0.
260	152	78	50	75.7	105.9	800	-	-	-	-	120.5	1340	-	-	-	-	102.3	1980	159	74	33	74.5	0.
270	154	79	50	77.9	94.2	810	-	-	-	-	102.0	1350	-	-	-	-	96.9	2040	142	61	25	54.2	0.
280	157	80	50	80.7	112.0	820	-	-	-	-	98.9	1360	-	-	-	-	106.4	2100	124	49	22	37.7	0.
290	158	81	51	81.7	120.4	830	-	-	-	-	101.1	1370	-	-	-	-	103.4	2160	109	41	19	27.3	0.
300	161	83	51	84.0	104.0	840	176	93	53	101.6	101.4	1380	178	94	53	103.5	101.4	2220	99	37	18	21.4	0.
310	162	84	51	85.9	110.4	850	-	-	-	-	103.8	1390	-	-	-	-	111.2	2280	91	32	16	17.3	0.
320	164	85	52	87.9	108.5	860	-	-	-	-	109.9	1400	-	-	-	-	107.0	2340	84	28	13	14.1	0.
330	165	85	52	88.3	100.8	870	-	-	-	-	104.4	1410	-	-	-	-	103.6	2400	77	24	12	11.0	0.
340	166	86	52	90.2	104.8	880	-	-	-	-	103.6	1420	-	-	-	-	121.7	2460	71	21	10	8.8	0.
350	167	87	52	90.6	107.0	890	-	-	-	-	106.6	1430	-	-	-	-	100.9	2520	64	19	9	6.7	0.
360	167	88	53	91.3	106.1	900	177	94	55	104.3	109.5	1440	177	93	52	102.6	97.6	2580	59	17	9	5.4	0.
370	169	88	53	93.1	108.1	910	178	97	56	105.9	118.8	1450	-	-	-	-	103.6	2640	55	15	8	4.6	0.
380	170	88	53	94.1	108.7	920	180	100	58	109.2	139.6	1460	-	-	-	-	101.7	2700	51	14	8	3.9	0.
390	170	89	53	95.0	104.5	930	183	103	58	116.0	170.3	1470	-	-	-	-	102.5	2760	49	13	8	3.4	0.
400	171	89	53	96.1	106.8	940	185	105	59	119.6	175.4	1480	-	-	-	-	105.2	2820	46	12	7	2.9	0.
410	172	90	53	96.4	116.2	950	188	107	59	124.5	173.1	1490	-	-	-	-	101.4	2880	44	11	7	2.6	0.
420	172	90	53	96.6	103.0	960	191	110	61	129.3	174.0	1500	176	92	52	101.2	90.4	2940	41	11	7	2.2	0.
430	172	91	53	97.0	98.7	970	194	115	61	135.7	173.4	1510	-	-	-	-	104.2	3000	39	10	7	2.0	0.
440	173	91	53	97.8	102.6	980	197	118	61	140.3	189.2	1520	-	-	-	-	103.8	3060	38	9	7	1.9	0.
450	173	91	52	98.5	100.2	990	200	119	61	144.4	186.7	1530	-	-	-	-	108.5	3120	36	9	7	1.6	0.
460	173	91	52	98.4	98.1	1000	202	121	61	147.7	159.8	1540	-	-	-	-	132.9	3180	35	8	7	1.5	0.
470	174	91	52	99.0	103.8	1010	205	124	61	152.5	203.5	1550	-	-	-	-	118.5	3240	34	8	7	1.4	0.
480	174	92	52	99.2	105.0	1020	206	124	61	152.9	169.4	1560	176	92	53	100.8	98.9	3300	33	8	6	1.3	0.
490	174	92	52	99.6	100.8	1030	208	124	62	155.7	154.4	1570	-	-	-	-	107.3	3360	32	8	6	1.2	0.
500	174	92	52	99.5	107.2	1040	208	126	62	156.7	140.9	1580	-	-	-	-	107.2	3420	31	8	6	1.1	0.
510	174	92	52	99.4	111.3	1050	209	127	62	158.4	134.1	1590	-	-	-	-	103.5	3480	30	7	6	1.0	0.
520	175	92	52	99.8	101.7	1060	210	129	61	159.4	141.9	1600	-	-	-	-	103.2	3540	29	7	6	1.2	0.
530	175	92	52	99.8	100.4	1070	212	129	61	162.6	156.3	1610	-	-	-	-	103.2						

資料 3.124　流出量・降雨量および水路水位

DISCHARGE & R.I. 16 -9 -5, 530613, 2-100 0 AREA=636.M**2 QMAX= 65.4MM/H 16 -9 -5

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	51	15	10	4.9	104.4																		
10	51	15	10	4.3	104.4																		
20	51	15	10	4.4	95.8																		
30	51	15	11	4.5	78.7																		
40	50	16	13	4.7	68.0																		
50	50	17	14	5.2	68.0																		
60	51	18	17	5.9	80.7																		
70	51	20	21	6.9	94.9																		
80	53	23	25	8.5	94.2																		
90	55	26	28	10.5	94.1																		
100	57	30	31	12.7	89.3																		
110	61	33	35	15.6	88.0																		
120	66	37	39	19.1	92.7																		
130	72	41	40	22.8	93.2																		
140	80	45	42	27.4	92.7																		
150	87	50	46	32.2	86.3																		
160	95	54	46	36.8	83.5																		
170	105	57	46	42.6	79.7																		
180	113	60	46	47.8	83.5																		
190	121	64	47	52.3	68.6																		
200	128	66	48	56.8	71.9																		
210	132	69	48	59.0	71.9																		
220	136	70	47	61.4	26.7																		
230	141	70	45	64.5	26.7																		
240	144	71	44	65.8	26.7																		
250	146	71	42	67.2	26.7																		
260	147	71	40	66.9	13.3																		
270	148	71	38	66.0	13.3																		
280	147	69	36	62.9	0.																		
290	147	67	33	61.9	0.																		
300	145	65	31	59.9	0.																		
360	132	55	25	46.0	0.																		
420	119	46	22	34.2	0.																		
480	107	41	21	26.0	0.																		
540	97	37	18	20.8	0.																		
600	90	33	16	17.3	0.																		
660	85	29	14	14.8	0.																		
720	79	26	12	12.4	0.																		
780	74	24	10	9.9	0.																		
840	67	21	10	7.9	0.																		
900	65	20	9	7.6	0.																		
960	61	18	9	6.1	0.																		
1020	57	17	8	5.3	0.																		
1080	54	16	8	4.6	0.																		
1140	51	15	8	4.0	0.																		
1200	49	14	7	3.6	0.																		
1260	47	13	7	3.3	0.																		
1320	45	12	7	3.0	0.																		
1380	43	12	7	3.2	0.																		

資料 3.125　流出量・降雨量および水路水位

DISCHARGE & R.I. 17 -2 -6, 531107, 2 -50 0 AREA=636.M**2 QMAX= 14.6MM/H 17 -2 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	4	5	0.9	40.5	540	78	16	6	13.0	0.												
10	26	5	5	1.1	40.5	550	77	16	6	12.6	0.												
20	25	5	5	1.0	40.5	560	77	16	6	12.4	0.												
30	25	5	5	1.2	40.5	570	77	16	6	12.3	0.												
40	26	6	5	1.5	38.9	580	77	16	6	11.9	0.												
50	26	6	5	1.8	37.3	590	76	15	6	11.5	0.												
60	27	7	5	2.3	37.3	600	76	15	6	11.4	0.												
70	28	8	5	2.7	37.3	660	72	14	6	9.9	0.												
80	28	8	5	3.4	37.8	720	69	12	6	8.9	0.												
90	30	9	5	4.0	40.0	780	65	12	6	7.8	0.												
100	31	9	5	4.4	40.0	840	63	11	6	7.0	0.												
110	34	10	5	5.3	39.8	900	59	11	6	6.0	0.												
120	36	10	5	5.6	40.5	960	57	10	5	5.4	0.												
130	37	11	5	6.4	40.1	1020	54	10	5	4.9	0.												
140	40	12	5	6.9	40.1	1080	53	9	5	4.5	0.												
150	42	12	6	7.6	40.1	1140	50	9	5	4.0	0.												
160	45	12	6	8.4	40.8	1200	49	8	5	3.8	0.												
170	48	13	6	9.0	41.2	1260	47	8	5	3.6	0.												
180	51	14	6	10.1	41.2	1320	46	8	5	3.2	0.												
190	53	15	6	10.5	38.2	1380	45	8	5	3.0	0.												
200	56	15	7	11.3	35.3	1440	43	8	5	2.7	0.												
210	59	16	7	11.9	12.2	1500	42	8	5	2.7	0.												
220	62	16	7	12.6	12.2	1560	41	7	5	2.5	0.												
230	65	16	7	13.1	12.2	1620	40	7	5	2.2	0.												
240	67	17	7	13.4	0.	1680	39	7	5	2.1	0.												
250	69	17	7	13.8	0.	1740	38	6	4	2.0	0.												
260	71	17	7	13.8	0.	1800	37	6	4	2.1	0.												
270	72	17	7	14.1	0.																		
280	74	18	7	14.4	0.																		
290	75	18	7	14.6	0.																		
300	77	18	7	15.0	0.																		
310	77	18	7	14.7	0.																		
320	78	18	7	15.1	0.																		
330	79	18	7	15.2	0.																		
340	79	18	6	15.1	0.																		
350	80	18	6	15.1	0.																		
360	80	18	7	14.9	0.																		
370	80	17	6	14.7	0.																		
380	80	18	7	14.3	0.																		
390	81	17	6	14.6	0.																		
400	80	17	6	14.3	0.																		
410	80	17	7	14.4	0.																		
420	80	17	6	14.3	0.																		
430	80	17	6	14.4	0.																		
440	80	17	6	14.3	0.																		
450	80	17	6	14.2	0.																		
460	80	17	7	14.3	0.																		
470	80	17	6	13.9	0.																		
480	80	17	6	13.8	0.																		
490	80	17	6	13.8	0.																		
500	79	17	7	13.7	0.																		
510	79	16	6	13.3	0.																		
520	79	16	6	13.2	0.																		
530	79	16	6	13.3	0.																		

資料 3.126 流出量・降雨量および水路水位

DISCHARGE & R.I., 17 -4 -6, 531107, 2 -70 0 AREA=636.M**2 QMAX= 26.3MM/H 17 -4 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	15	2	0	0.2	37.2	540	97	22	6	21.5	0.												
10	15	2	0	0.1	37.2	550	96	22	5	20.8	0.												
20	15	2	1	0.1	37.2	560	95	22	5	20.1	0.												
30	15	2	1	0.2	37.2	570	94	21	5	19.2	0.												
40	15	3	1	0.4	37.2	580	93	21	5	18.7	0.												
50	15	3	1	0.6	37.4	590	92	20	5	18.0	0.												
60	15	4	2	0.8	37.5	600	90	20	5	17.4	0.												
70	15	4	2	1.2	42.7	660	84	18	5	14.2	0.												
80	16	5	2	2.1	50.6	720	78	16	5	12.1	0.												
90	16	6	2	2.7	54.4	780	74	15	5	10.5	0.												
100	18	7	2	3.6	56.7	840	69	14	4	8.8	0.												
110	20	8	3	4.8	56.0	900	66	12	4	7.7	0.												
120	23	10	3	5.6	56.0	960	62	12	4	6.8	0.												
130	26	10	3	6.8	58.4	1020	60	10	4	6.2	0.												
140	30	11	4	7.5	59.0	1080	57	10	4	5.5	0.												
150	33	12	3	8.6	60.7	1140	55	10	4	4.8	0.												
160	37	13	4	9.8	64.1	1200	52	9	4	4.2	0.												
170	41	14	4	10.5	65.4	1260	50	8	3	4.0	0.												
180	46	15	5	12.0	65.4	1320	49	8	3	3.7	0.												
190	51	16	5	13.1	66.2	1380	46	8	3	3.4	0.												
200	55	17	5	14.7	67.1	1440	46	8	3	3.4	0.												
210	60	18	5	16.0	66.9	1500	45	8	3	3.0	0.												
220	65	19	5	17.0	64.4	1560	43	7	3	2.8	0.												
230	70	20	5	18.8	64.4	1620	42	7	3	2.6	0.												
240	74	21	5	20.0	64.4	1680	41	7	3	2.5	0.												
250	79	22	5	21.3	23.6	1740	40	6	3	2.3	0.												
260	83	22	6	22.3	17.4	1800	39	6	3	2.5	0.												
270	87	22	6	23.2	17.4																		
280	89	22	6	23.4	17.4																		
290	92	23	6	23.9	17.4																		
300	93	23	6	24.0	17.4																		
310	94	23	6	24.0	7.2																		
320	95	24	6	24.3	7.2																		
330	97	24	6	24.8	7.2																		
340	97	24	6	25.2	7.2																		
350	98	24	6	25.6	7.2																		
360	99	24	6	25.9	7.2																		
370	100	25	6	26.1	7.2																		
380	101	25	6	26.5	7.2																		
390	101	25	6	26.4	7.2																		
400	102	24	6	26.9	7.2																		
410	102	25	6	26.7	7.2																		
420	102	25	6	26.5	0.																		
430	102	25	6	26.2	0.																		
440	102	24	6	25.7	0.																		
450	102	24	6	25.5	0.																		
460	102	24	6	25.3	0.																		
470	101	24	6	24.9	0.																		
480	101	24	6	24.7	0.																		
490	100	24	6	24.0	0.																		
500	100	24	6	23.8	0.																		
510	99	24	6	23.5	0.																		
520	98	23	6	22.8	0.																		
530	98	23	6	22.2	0.																		

資料 3.127　流出量・降雨量および水路水位

DISCHARGE & R.I.,　17 -6 -6,　531107,　1 -40　0 AREA=636.M**2　QMAX= 41.2MM/H　　17 -6 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	4	2	1.1	29.3
10	28	4	2	1.1	29.3
20	28	5	2	1.2	29.3
30	28	5	2	1.2	29.3
40	28	5	2	1.4	29.3
50	28	5	2	1.7	29.3
60	28	6	2	2.0	32.0
70	29	6	2	2.4	33.6
80	30	7	3	2.9	34.4
90	30	8	3	3.6	34.4
100	32	8	3	4.0	37.4
110	33	9	3	4.5	38.2
120	35	9	3	4.8	38.2
130	37	10	3	5.5	53.5
140	39	10	3	5.8	55.6
150	40	10	3	6.1	56.6
160	43	10	3	6.7	55.2
170	44	11	3	7.2	55.2
180	46	12	3	8.0	53.6
190	49	12	3	8.4	52.3
200	51	13	4	9.3	52.2
210	54	13	3	9.9	52.2
220	56	14	4	10.7	52.8
230	59	15	4	11.4	45.4
240	61	15	4	12.0	42.9
250	64	16	4	12.9	44.6
260	66	16	4	13.6	48.1
270	69	17	4	14.3	48.1
280	71	18	4	15.0	44.5
290	74	19	5	16.3	41.2
300	76	19	5	17.1	41.2
310	78	20	5	17.8	41.2
320	81	21	4	19.0	46.2
330	84	21	4	20.6	46.2
340	86	22	4	21.2	45.2
350	88	22	4	22.5	43.1
360	90	22	4	22.7	43.1
370	92	23	4	23.4	43.7
380	94	23	4	24.3	46.0
390	95	23	4	24.6	46.0
400	97	24	5	25.7	43.1
410	98	24	5	26.0	39.8
420	100	24	5	27.3	39.2
430	101	25	5	27.8	38.6
440	102	25	5	28.5	38.4
450	103	26	5	29.0	38.2
460	104	26	5	29.5	38.9
470	106	27	5	30.8	39.0
480	107	27	5	31.3	40.6
490	107	28	5	31.9	41.7
500	109	28	5	32.8	41.7
510	110	29	6	33.4	42.0
520	111	29	6	34.0	44.0
530	112	29	5	34.4	44.0
540	112	30	5	34.8	44.0
550	113	30	5	35.1	43.4
560	114	30	5	35.5	43.4
570	115	31	6	36.1	45.5
580	115	31	6	36.2	45.7
590	116	31	6	36.8	45.7
600	116	31	6	37.0	46.3
610	116	31	6	37.4	45.3
620	117	32	6	38.0	46.9
630	118	32	6	38.7	46.9
640	119	32	6	39.2	46.9
650	119	32	6	39.2	51.4
660	119	32	6	39.3	52.6
670	120	32	6	39.4	52.6
680	120	32	6	39.5	49.6
690	120	32	6	39.8	50.0
700	120	32	6	39.9	50.0
710	121	32	6	40.4	50.0
720	121	32	6	40.7	47.1
730	121	32	6	40.7	47.1
740	121	32	6	40.5	47.0
750	122	32	6	40.7	46.5
760	122	32	6	40.9	48.0
770	122	32	6	41.0	48.0
780	122	33	6	40.9	47.1
790	122	32	6	40.8	45.5
800	122	32	6	41.1	45.3
810	122	33	6	41.1	45.3
820	122	33	6	41.2	45.4
830	122	33	6	41.1	46.5
840	122	33	6	41.1	46.5
850	123	34	6	41.3	46.5
860	123	34	6	41.3	44.0
870	123	34	6	41.3	44.4
880	123	34	6	41.2	44.4
890	123	33	6	41.2	45.0
900	123	34	6	41.2	45.9
910	-	-	-	-	44.8
920	-	-	-	-	44.8
930	-	-	-	-	44.8
940	-	-	-	-	44.8
950	-	-	-	-	48.8
960	123	34	6	41.2	51.1
970	-	-	-	-	51.1
980	-	-	-	-	51.3
990	-	-	-	-	46.6
1000	-	-	-	-	46.6
1010	-	-	-	-	46.6
1020	123	34	6	41.2	49.8
1030	-	-	-	-	53.9
1040	-	-	-	-	51.8
1050	-	-	-	-	47.5
1060	-	-	-	-	45.5
1070	-	-	-	-	45.0
1080	122	34	6	41.0	45.4
1090	-	-	-	-	46.6
1100	-	-	-	-	52.0
1110	-	-	-	-	52.0
1120	-	-	-	-	53.2
1130	-	-	-	-	54.3
1140	123	34	6	41.2	56.8
1150	-	-	-	-	53.4
1160	-	-	-	-	53.7
1170	-	-	-	-	53.7
1180	-	-	-	-	50.6
1190	-	-	-	-	50.5
1200	122	34	6	41.0	50.5
1210	-	-	-	-	50.1
1220	-	-	-	-	50.1
1230	-	-	-	-	49.9
1240	-	-	-	-	50.7
1250	-	-	-	-	55.4
1260	123	34	6	41.6	55.8
1270	-	-	-	-	57.3
1280	-	-	-	-	56.1
1290	-	-	-	-	54.8
1300	-	-	-	-	55.5
1310	-	-	-	-	54.7
1320	123	34	6	41.5	49.1
1330	-	-	-	-	49.3
1340	-	-	-	-	49.0
1350	-	-	-	-	48.0
1360	-	-	-	-	49.8
1370	-	-	-	-	52.4
1380	123	34	6	41.4	54.3
1390	-	-	-	-	38.4
1400	-	-	-	-	34.2
1410	-	-	-	-	30.2
1420	-	-	-	-	30.2
1430	-	-	-	-	30.2
1440	122	32	6	40.1	0.
1500	117	30	5	34.6	0.
1560	108	25	5	27.9	0.
1620	100	22	4	22.8	0.
1680	93	20	4	19.0	0.
1740	87	19	4	15.8	0.
1800	82	17	3	13.4	0.
1860	76	16	3	11.4	0.
1920	72	14	3	10.1	0.
1980	68	13	3	8.7	0.
2040	65	12	3	7.7	0.
2100	62	12	3	6.8	0.
2160	59	10	3	6.0	0.
2220	56	10	3	5.3	0.
2280	54	10	2	4.8	0.
2340	52	9	2	4.4	0.
2400	50	8	2	3.9	0.
2460	48	8	2	3.7	0.
2520	47	8	2	3.3	0.
2580	45	8	2	3.0	0.
2640	44	8	2	3.3	0.

資料 3.128　流出量・降雨量および水路水位

DISCHARGE & R.I., 17 -7 -6, 531107, 1 -30 0 AREA=636.M**2 QMAX= 31.4MM/H 17 -7 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	4	0	1.2	24.2	540	96	23	5	24.2	32.4	1080	110	28	5	31.4	37.0	2160	60	11	3	6.3	0.
10	29	4	1	1.2	24.2	550	97	23	5	24.7	33.4	1090	-	-	-	-	36.4	2220	57	10	3	5.6	0.
20	29	5	0	1.2	24.2	560	97	24	5	25.0	33.4	1100	-	-	-	-	36.4	2280	56	10	2	5.2	0.
30	29	5	1	1.2	24.2	570	98	24	5	25.0	33.4	1110	-	-	-	-	36.4	2340	53	10	2	4.5	0.
40	29	5	1	1.3	24.2	580	99	24	5	25.8	33.0	1120	-	-	-	-	37.7	2400	51	9	2	4.2	0.
50	29	5	1	1.4	24.2	590	100	25	5	26.0	31.0	1130	-	-	-	-	35.1	2460	49	9	2	3.8	0.
60	29	5	1	1.6	24.2	600	100	25	5	26.3	30.9	1140	110	28	5	31.6	35.1	2520	47	8	2	3.4	0.
70	29	6	1	1.9	25.6	610	101	25	5	26.6	30.9	1150	-	-	-	-	35.1	2580	46	8	2	3.3	0.
80	29	6	1	2.1	27.0	620	101	25	5	26.5	31.1	1160	-	-	-	-	35.1	2640	44	8	1	3.4	0.
90	30	7	1	2.5	27.7	630	102	25	5	27.2	31.1	1170	-	-	-	-	35.4						
100	31	7	1	2.9	27.7	640	103	25	5	27.6	31.3	1180	-	-	-	-	35.8						
110	31	8	1	3.2	27.7	650	103	25	5	28.1	31.6	1190	-	-	-	-	39.7						
120	32	8	2	3.5	28.9	660	104	25	5	28.1	31.6	1200	110	28	5	31.5	39.7						
130	34	8	2	3.8	30.1	670	104	26	5	28.2	31.6	1210	-	-	-	-	38.8						
140	35	8	2	4.0	30.2	680	105	26	5	28.8	31.6	1220	-	-	-	-	36.6						
150	36	9	2	4.6	30.6	690	104	26	5	28.5	31.5	1230	-	-	-	-	33.1						
160	37	10	2	4.6	30.3	700	106	26	5	29.4	31.4	1240	-	-	-	-	32.7						
170	38	10	2	5.1	29.2	710	106	26	5	29.3	31.4	1250	-	-	-	-	32.7						
180	40	10	2	5.7	29.2	720	106	26	5	29.6	31.4	1260	110	28	5	31.3	32.6						
190	42	10	2	6.0	30.8	730	107	26	5	29.6	31.4	1270	-	-	-	-	32.3						
200	44	10	2	6.9	30.8	740	107	26	5	29.5	32.2	1280	-	-	-	-	32.5						
210	46	11	2	7.1	31.2	750	107	27	5	29.4	34.7	1290	-	-	-	-	32.9						
220	47	12	3	7.4	31.9	760	107	27	5	29.7	35.0	1300	-	-	-	-	32.9						
230	50	12	3	8.1	31.9	770	107	27	5	29.7	35.0	1310	-	-	-	-	33.0						
240	51	12	3	8.1	31.9	780	107	27	5	29.7	35.0	1320	109	28	5	31.2	34.3						
250	53	12	3	8.8	31.9	790	107	27	5	30.4	32.4	1330	-	-	-	-	34.2						
260	56	13	3	9.1	34.3	800	107	27	5	30.4	31.2	1340	-	-	-	-	31.0						
270	57	14	3	9.6	35.4	810	107	27	5	30.4	30.8	1350	-	-	-	-	31.0						
280	59	14	3	10.1	35.4	820	109	27	6	31.2	30.8	1360	-	-	-	-	30.3						
290	60	14	3	10.2	35.3	830	109	27	6	31.2	30.8	1370	-	-	-	-	29.1						
300	63	15	3	11.4	35.0	840	109	27	6	31.3	31.2	1380	110	28	5	31.6	29.1						
310	64	15	4	11.6	35.0	850	109	27	6	31.1	31.4	1390	-	-	-	-	29.1						
320	66	16	4	12.2	35.4	860	109	28	5	31.1	32.4	1400	-	-	-	-	30.3						
330	68	16	4	12.7	34.5	870	109	28	5	31.3	33.3	1410	-	-	-	-	30.4						
340	70	16	4	13.5	32.0	880	109	28	5	31.1	33.4	1420	-	-	-	-	30.6						
350	71	17	4	13.7	32.0	890	109	28	5	31.1	32.5	1430	-	-	-	-	30.6						
360	72	17	4	14.1	32.0	900	109	28	5	31.1	32.1	1440	110	28	5	31.4	30.6						
370	75	18	4	15.1	30.6	910	-	-	-	-	31.7	1450	-	-	-	-	30.3						
380	76	18	4	15.6	30.3	920	-	-	-	-	30.9	1460	-	-	-	-	30.0						
390	78	18	4	16.3	30.3	930	-	-	-	-	30.9	1470	-	-	-	-	29.9						
400	79	19	4	16.9	30.3	940	-	-	-	-	31.0	1480	-	-	-	-	21.4						
410	81	19	4	17.3	30.3	950	-	-	-	-	32.2	1490	-	-	-	-	21.4						
420	82	19	4	17.6	30.3	960	109	28	5	30.9	32.2	1500	110	28	5	31.7	21.4						
430	84	19	4	18.6	32.3	970	-	-	-	-	33.3	1510	-	-	-	-	10.9						
440	85	20	5	19.0	32.5	980	-	-	-	-	34.3	1560	109	27	5	29.7	0.						
450	86	21	5	19.6	32.5	990	-	-	-	-	34.4	1620	104	25	4	25.7	0.						
460	87	21	4	20.2	32.5	1000	-	-	-	-	35.1	1680	97	22	4	20.9	0.						
470	89	21	4	20.8	32.6	1010	-	-	-	-	35.1	1740	90	20	4	17.2	0.						
480	90	21	5	21.7	30.8	1020	109	28	5	31.2	33.7	1800	84	18	3	14.5	0.						
490	91	22	5	21.9	30.4	1030	-	-	-	-	33.1	1860	79	16	3	12.4	0.						
500	92	22	5	22.0	30.4	1040	-	-	-	-	34.3	1920	75	15	3	10.8	0.						
510	93	22	5	22.7	30.4	1050	-	-	-	-	36.2	1980	70	14	3	9.0	0.						
520	94	23	5	23.1	30.4	1060	-	-	-	-	36.2	2040	66	12	3	8.0	0.						
530	95	23	5	23.5	30.8	1070	-	-	-	-	36.2	2100	63	12	3	7.1	0.						

資料 3.129　流出量・降雨量および水路水位

DISCHARGE & R.I.,　18 -1 -6,　531108,　2-100　0 AREA=636.M**2　QMAX= 33.9MM/H　　18 -1 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	2	2	3	0.0	72.7	540	95	22	7	19.7	0.												
10	1	2	3	-0.4	72.7	550	94	21	7	18.7	0.												
20	1	2	3	-0.3	72.7	560	92	20	7	17.9	0.												
30	1	2	3	-0.2	71.8	570	92	20	7	17.7	0.												
40	1	2	3	0.3	70.1	580	89	20	7	16.7	0.												
50	1	2	4	0.6	69.1	590	88	19	7	16.2	0.												
60	1	3	4	1.0	69.5	600	87	18	7	15.7	0.												
70	2	4	4	1.5	74.9	660	81	16	7	12.7	0.												
80	3	5	4	2.3	75.4	720	75	15	6	10.7	0.												
90	5	7	5	3.2	88.1	780	70	13	6	9.1	0.												
100	6	8	5	4.2	97.4	840	66	12	6	7.6	0.												
110	9	10	5	5.5	92.4	900	61	11	6	6.5	0.												
120	12	11	6	6.7	90.8	960	59	11	6	5.9	0.												
130	16	12	6	8.2	92.5	1020	56	10	5	5.0	0.												
140	21	13	6	9.6	91.9	1080	53	9	6	4.4	0.												
150	26	14	6	10.9	91.5	1140	50	9	5	3.9	0.												
160	32	15	7	12.0	91.6	1200	49	8	5	3.7	0.												
170	38	16	7	13.0	92.9	1260	46	8	5	3.2	0.												
180	44	16	7	14.5	96.1	1320	45	8	5	2.9	0.												
190	50	18	7	15.8	58.6	1380	43	8	5	2.8	0.												
200	56	19	8	17.7	52.2	1440	42	7	5	2.6	0.												
210	62	20	8	19.4	22.2	1500	40	7	5	2.2	0.												
220	69	21	7	21.2	21.0	1560	39	7	5	2.2	0.												
230	76	23	8	24.1	18.2	1620	38	7	5	1.9	0.												
240	82	24	8	25.9	18.2	1680	37	6	5	1.9	0.												
250	87	24	8	27.3	18.2	1740	36	6	5	1.9	0.												
260	93	25	8	29.2	0.	1800	35	6	5	1.9	0.												
270	97	26	9	30.3	0.																		
280	100	26	9	31.3	0.																		
290	103	27	9	31.8	0.																		
300	106	28	9	33.4	0.																		
310	108	29	8	34.0	0.																		
320	110	29	9	34.7	0.																		
330	112	29	8	35.2	0.																		
340	113	29	8	35.2	0.																		
350	113	29	8	34.5	0.																		
360	113	29	8	34.2	0.																		
370	113	29	8	33.5	0.																		
380	113	29	8	33.4	0.																		
390	113	29	8	33.2	0.																		
400	113	29	8	32.8	0.																		
410	112	28	8	32.1	0.																		
420	112	28	8	31.4	0.																		
430	111	27	8	30.6	0.																		
440	110	26	8	29.8	0.																		
450	108	25	8	28.4	0.																		
460	107	25	8	27.1	0.																		
470	106	24	8	26.4	0.																		
480	105	24	8	25.3	0.																		
490	103	23	8	24.1	0.																		
500	102	23	8	23.6	0.																		
510	100	22	7	21.9	0.																		
520	98	22	7	21.3	0.																		
530	97	22	7	20.3	0.																		

資料 3.130　流出量・降雨量および水路水位

DISCHARGE & R.I. 18 -2 -6, 531108, 2=100 0 AREA=636.M**2 QMAX= 42.3MM/H 18 -2 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	4	5	1.0	65.1	540	98	22	7	21.1	0.												
10	27	5	5	1.6	65.1	550	97	22	7	20.3	0.												
20	27	6	5	1.8	65.1	560	96	22	7	19.9	0.												
30	27	6	5	2.2	65.1	570	94	22	7	18.8	0.												
40	28	7	5	3.2	69.7	580	93	21	7	18.4	0.												
50	29	8	6	4.2	72.7	590	91	20	7	17.5	0.												
60	31	9	6	5.2	72.6	600	90	20	7	16.8	0.												
70	33	11	6	6.6	81.3	660	83	17	6	13.6	0.												
80	36	12	6	7.9	81.3	720	77	16	6	11.1	0.												
90	40	14	6	9.4	86.5	780	71	14	6	9.4	0.												
100	44	15	6	10.8	89.7	840	67	13	6	8.1	0.												
110	48	16	7	12.2	91.6	900	63	12	6	7.1	0.												
120	53	16	7	14.0	92.6	960	60	11	5	6.1	0.												
130	58	18	7	15.4	94.3	1020	56	10	5	5.1	0.												
140	63	19	7	17.2	94.9	1080	54	10	5	4.8	0.												
150	68	21	7	19.2	94.9	1140	51	9	5	4.2	0.												
160	73	22	7	21.6	96.1	1200	49	9	5	3.8	0.												
170	79	23	8	24.0	98.2	1260	48	8	5	3.4	0.												
180	84	24	8	26.4	102.0	1320	45	8	5	3.0	0.												
190	90	26	8	29.4	86.6	1380	45	8	4	3.1	0.												
200	96	28	8	32.5	65.3	1440	43	7	5	2.6	0.												
210	102	30	8	35.1	34.3	1500	41	7	4	2.4	0.												
220	106	31	9	37.1	28.8	1560	40	6	4	2.1	0.												
230	111	32	8	39.5	28.8	1620	38	6	4	1.8	0.												
240	114	33	9	40.4	28.5	1680	36	6	4	1.6	0.												
250	117	33	9	41.4	28.1	1740	35	6	3	1.8	0.												
260	119	34	9	41.6	28.1	1800	35	6	4	1.9	0.												
270	121	34	9	42.4	8.1																		
280	122	34	9	42.4	8.1																		
290	122	34	9	42.5	8.1																		
300	123	35	9	42.5	8.1																		
310	123	35	9	42.2	8.1																		
320	123	35	9	42.3	8.1																		
330	124	35	9	42.3	8.1																		
340	123	34	9	41.2	0.																		
350	123	33	9	41.0	0.																		
360	123	33	9	40.6	0.																		
370	122	33	9	40.1	0.																		
380	122	32	9	39.5	0.																		
390	121	32	9	38.6	0.																		
400	121	32	9	38.5	0.																		
410	120	32	8	37.2	0.																		
420	119	31	8	36.6	0.																		
430	118	31	8	35.3	0.																		
440	116	30	8	33.3	0.																		
450	115	29	8	32.0	0.																		
460	113	28	8	30.9	0.																		
470	111	27	7	29.0	0.																		
480	109	26	7	27.5	0.																		
490	107	25	7	26.1	0.																		
500	105	25	7	24.9	0.																		
510	103	24	7	23.9	0.																		
520	102	23	7	23.0	0.																		
530	100	22	7	21.9	0.																		

資料 3.131　流出量・降雨量および水路水位

DISCHARGE & R.I.,　18 -3 -6,　531108,　1-150　0 AREA=636.M**2　QMAX=136.7MM/H　　18 -3 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	4	4	1.2	131.9
10	29	5	4	1.3	131.9
20	29	5	5	1.7	116.4
30	29	6	5	2.2	80.3
40	29	7	5	3.1	79.3
50	30	8	5	4.8	90.4
60	32	10	5	6.4	114.6
70	35	12	6	8.3	145.0
80	40	15	6	10.6	147.4
90	44	16	6	13.1	141.3
100	50	19	7	16.0	132.7
110	56	21	7	18.4	134.0
120	64	23	7	22.7	132.9
130	72	24	8	26.7	134.2
140	80	27	8	31.5	149.4
150	91	31	9	37.6	150.7
160	101	36	9	43.5	142.9
170	112	39	9	50.8	142.1
180	122	43	10	57.0	155.2
190	130	46	10	63.1	156.5
200	138	49	10	68.7	165.1
210	143	52	10	73.2	164.9
220	150	55	10	80.2	148.7
230	156	57	10	85.7	150.9
240	162	61	11	92.7	156.0
250	168	63	11	99.5	158.5
260	172	65	11	104.1	156.3
270	177	67	11	109.5	155.0
280	179	69	11	111.9	145.2
290	182	70	11	115.2	151.1
300	185	72	12	119.1	143.8
310	187	73	12	122.4	147.3
320	189	74	11	125.8	149.0
330	191	76	12	127.7	141.4
340	193	77	11	131.0	131.4
350	194	77	12	131.3	127.4
360	195	78	12	132.5	138.2
370	196	78	12	134.2	140.7
380	196	79	12	134.0	125.2
390	196	79	12	134.3	117.1
400	197	80	12	135.5	132.2
410	197	79	12	135.5	132.2
420	197	80	12	135.4	122.5
430	197	79	12	135.2	121.4
440	197	79	12	135.2	121.4
450	197	80	12	135.2	127.7
460	198	80	12	135.6	128.3
470	198	80	12	135.7	131.8
480	198	80	12	135.9	121.4
490	197	80	12	135.0	123.7
500	198	80	12	135.5	124.4
510	198	79	12	136.7	129.4
520	197	79	12	135.2	128.7
530	197	80	13	135.1	131.4
540	198	80	12	135.5	142.9
550	198	79	12	135.8	128.5
560	198	80	12	135.8	130.6
570	198	79	12	136.3	132.6
580	198	80	11	136.3	130.4
590	198	80	9	136.4	121.5
600	198	80	12	136.3	122.4
610	198	79	12	136.3	121.4
620	198	80	12	136.8	120.9
630	198	80	12	136.8	118.3
640	198	80	12	136.8	121.1
650	198	81	12	136.8	121.5
660	198	81	12	136.8	121.1
670	198	81	12	136.8	124.3
680	199	80	12	137.4	125.4
690	199	80	12	137.4	122.6
700	199	81	12	137.3	121.0
710	199	81	12	137.2	124.2
720	199	80	12	137.1	128.9
730	198	79	12	136.4	123.8
740	198	79	12	136.4	125.9
750	198	79	12	135.8	118.9
760	198	80	12	135.4	122.7
770	198	79	12	135.4	128.9
780	197	80	12	134.9	133.3
790	197	80	12	135.0	122.6
800	197	80	12	135.0	123.1
810	197	80	12	135.1	128.2
820	197	80	12	135.2	129.4
830	197	80	12	135.2	122.2
840	197	81	12	135.3	126.4
850	198	81	12	135.8	131.4
860	198	80	12	135.8	132.3
870	198	81	12	136.4	128.2
880	198	81	12	136.2	116.9
890	198	81	12	136.2	114.4
900	198	81	12	136.1	115.0
910	-	-	-	-	123.1
920	-	-	-	-	126.9
930	-	-	-	-	123.7
940	-	-	-	-	121.6
950	-	-	-	-	120.5
960	198	80	12	135.6	117.6
970	-	-	-	-	113.3
980	-	-	-	-	118.1
990	-	-	-	-	112.5
1000	-	-	-	-	116.8
1010	-	-	-	-	117.1
1020	198	80	12	135.9	109.0
1030	-	-	-	-	114.1
1040	-	-	-	-	126.1
1050	-	-	-	-	122.8
1060	-	-	-	-	120.9
1070	-	-	-	-	111.3
1080	200	82	13	139.2	109.5
1090	-	-	-	-	112.8
1100	-	-	-	-	118.9
1110	-	-	-	-	123.3
1120	-	-	-	-	114.0
1130	-	-	-	-	121.1
1140	200	81	12	139.0	123.4
1150	-	-	-	-	115.3
1160	-	-	-	-	115.6
1170	-	-	-	-	121.7
1180	-	-	-	-	118.9
1190	-	-	-	-	115.7
1200	200	83	12	140.8	116.6
1210	-	-	-	-	108.5
1220	-	-	-	-	108.3
1230	-	-	-	-	125.0
1240	-	-	-	-	110.1
1250	-	-	-	-	106.5
1260	201	83	12	142.0	123.3
1270	-	-	-	-	154.2
1280	-	-	-	-	118.1
1290	-	-	-	-	117.9
1300	-	-	-	-	91.3
1310	-	-	-	-	32.7
1320	200	79	12	135.5	19.6
1330	-	-	-	-	19.6
1340	-	-	-	-	19.6
1350	-	-	-	-	19.2
1360	-	-	-	-	19.1
1370	-	-	-	-	19.1
1380	179	63	11	100.5	19.1
1390	-	-	-	-	19.1
1400	-	-	-	-	21.6
1410	-	-	-	-	25.4
1420	-	-	-	-	25.4
1430	-	-	-	-	25.4
1440	159	53	9	73.7	16.6
1450	-	-	-	-	16.6
1460	-	-	-	-	16.6
1470	-	-	-	-	16.6
1480	-	-	-	-	16.6
1490	-	-	-	-	16.6
1500	142	42	9	54.8	17.6
1510	-	-	-	-	21.7
1520	-	-	-	-	21.7
1530	-	-	-	-	21.7
1540	-	-	-	-	31.3
1550	-	-	-	-	25.5
1560	127	35	8	40.8	25.5
1570	-	-	-	-	25.5
1580	-	-	-	-	25.5
1590	-	-	-	-	9.9
1600	-	-	-	-	8.1
1610	-	-	-	-	8.1
1620	113	29	7	30.3	8.1
1630	-	-	-	-	8.1
1640	-	-	-	-	8.1
1650	-	-	-	-	8.1
1660	-	-	-	-	8.1
1670	-	-	-	-	8.1
1680	104	24	7	24.5	8.1
1690	-	-	-	-	8.1
1700	-	-	-	-	8.1
1710	-	-	-	-	8.1
1720	-	-	-	-	8.1
1740	95	22	7	19.0	0.
1800	86	18	6	14.5	0.
1860	78	16	6	11.6	0.
1920	72	14	6	9.5	0.
1980	67	13	6	8.1	0.
2040	63	12	6	7.0	0.
2100	60	12	6	6.2	0.
2160	57	10	6	5.6	0.
2220	56	10	5	5.1	0.
2280	53	10	5	4.4	0.
2340	51	9	5	4.1	0.
2400	49	9	5	3.9	0.
2460	47	9	5	3.3	0.
2520	46	8	5	3.1	0.
2580	44	8	5	3.0	0.
2640	43	8	5	3.2	0.

資料 3.132　流出量・降雨量および水路水位

DISCHARGE & R.I. 18 -4 -6, 531108, 2=120 0 AREA=636.M**2 QMAX= 71.9MM/H 18 -4 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	5	4	1.5	64.1
10	31	5	4	1.3	64.1
20	31	5	4	1.5	64.1
30	31	6	5	2.0	64.1
40	31	7	5	2.8	76.0
50	32	9	5	4.2	95.1
60	33	10	6	5.8	101.8
70	36	12	6	7.5	115.2
80	40	14	6	9.6	127.6
90	44	16	7	11.6	121.7
100	49	17	7	13.4	119.1
110	55	18	7	15.5	115.0
120	60	20	7	17.4	117.2
130	66	21	8	19.9	117.0
140	72	23	8	22.1	113.1
150	78	24	8	25.1	115.5
160	85	26	8	29.0	115.3
170	91	28	9	31.9	115.3
180	98	31	9	36.3	119.3
190	105	32	9	40.4	123.3
200	112	35	9	44.7	120.0
210	118	38	10	49.1	112.7
220	125	42	10	53.8	108.4
230	130	44	10	57.5	96.9
240	136	46	10	62.1	96.9
250	140	47	10	65.2	47.6
260	143	50	10	67.5	9.4
270	147	51	10	70.3	9.4
280	150	51	10	72.0	9.4
290	152	52	10	73.3	9.4
300	153	51	10	72.6	9.4
310	153	50	10	72.3	9.4
320	153	50	10	70.3	9.4
330	152	49	9	68.8	9.4
340	151	47	9	67.0	17.2
350	149	47	9	64.2	19.1
360	147	45	9	61.4	19.1
370	145	44	9	58.9	2.9
380	143	42	9	55.8	2.9
390	140	41	9	52.9	2.9
400	137	40	8	50.4	2.9
410	135	39	9	48.7	2.9
420	133	38	8	47.3	2.9
430	131	37	8	45.9	2.9
440	130	36	8	44.9	2.9
450	128	35	8	43.3	0.
460	127	35	8	42.3	0.
470	125	33	8	40.4	0.
480	123	33	8	38.2	0.
490	122	31	8	36.9	0.
500	119	31	7	35.2	0.
510	118	30	7	33.9	0.
520	115	29	7	32.1	0.
530	114	28	7	30.8	0.
540	112	27	7	29.3	0.
550	110	26	7	28.4	0.
560	108	26	7	26.4	0.
570	106	24	7	24.9	0.
580	104	24	7	24.1	0.
590	102	23	7	22.9	0.
600	100	23	7	21.8	0.
660	90	20	6	16.5	0.
720	82	17	6	13.4	0.
780	77	16	6	11.4	0.
840	72	14	6	9.6	0.
900	67	13	6	8.2	0.
960	63	12	6	7.0	0.
1020	60	12	6	6.2	0.
1080	57	11	6	5.5	0.
1140	55	10	6	4.8	0.
1200	51	9	5	4.1	0.
1260	50	8	5	4.0	0.
1320	48	9	5	3.6	0.
1380	46	9	5	3.1	0.
1440	45	8	5	3.1	0.
1500	43	8	5	2.8	0.
1560	42	7	5	2.6	0.
1620	41	7	5	2.3	0.
1680	40	7	5	2.2	0.
1740	38	7	5	1.9	0.
1800	37	6	5	2.2	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.133　流出量・降雨量および水路水位

DISCHARGE & R.I.,　18 -5 -6,　531108,　2=150　0 AREA=636.M**2　QMAX= 85.8MM/H　　18 -5 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	17	2	4	0.3	62.1	540	114	28	8	32.0	0.												
10	17	2	3	0.5	62.1	550	113	28	8	31.0	0.												
20	17	2	3	0.6	62.1	560	111	27	8	30.4	0.												
30	16	4	4	1.1	62.1	570	110	27	8	29.6	0.												
40	17	5	5	2.0	79.2	580	109	26	8	28.2	0.												
50	17	7	5	2.8	122.7	590	108	26	7	27.7	0.												
60	19	9	6	4.7	129.1	600	107	25	7	26.5	0.												
70	22	11	6	6.5	132.0	660	97	22	7	20.6	0.												
80	25	13	6	8.7	141.4	720	89	20	7	16.5	0.												
90	30	16	6	10.9	147.3	780	82	17	6	12.9	0.												
100	36	17	6	13.2	146.6	840	75	16	6	10.3	0.												
110	43	19	7	16.1	142.4	900	69	13	6	8.4	0.												
120	51	20	7	19.0	138.1	960	64	12	6	7.1	0.												
130	58	23	7	22.5	128.6	1020	60	12	6	6.0	0.												
140	67	24	8	26.9	136.8	1080	57	11	5	5.2	0.												
150	77	28	8	30.8	130.9	1140	54	11	5	4.7	0.												
160	88	32	8	36.0	138.4	1200	51	9	5	4.2	0.												
170	100	34	8	42.3	137.6	1260	49	9	5	3.7	0.												
180	108	36	9	46.5	131.5	1320	47	8	5	3.4	0.												
190	117	38	9	51.8	129.2	1380	46	9	4	3.2	0.												
200	123	40	9	55.4	124.6	1440	44	8	4	2.7	0.												
210	130	43	10	61.2	122.9	1500	42	8	4	2.5	0.												
220	138	47	10	67.4	101.2	1560	41	7	4	2.3	0.												
230	145	51	10	73.3	83.4	1620	40	6	4	2.2	0.												
240	151	53	11	78.9	46.5	1680	38	6	4	2.0	0.												
250	155	56	11	81.9	20.6	1740	37	6	4	1.9	0.												
260	159	57	11	84.7	15.1	1800	36	6	4	2.1	0.												
270	162	58	11	86.1	15.1																		
280	164	59	11	87.2	15.1																		
290	165	59	11	87.0	15.1																		
300	164	58	11	84.7	15.1																		
310	164	57	10	83.3	15.1																		
320	163	56	10	81.3	15.1																		
330	161	54	10	78.0	15.1																		
340	159	52	10	75.3	15.1																		
350	156	51	10	71.0	15.1																		
360	154	49	9	68.1	6.7																		
370	151	47	9	64.3	6.7																		
380	148	45	9	60.4	6.7																		
390	145	43	9	56.5	19.2																		
400	141	41	9	52.7	24.6																		
410	139	39	9	50.3	24.6																		
420	135	38	8	46.8	11.2																		
430	131	36	8	43.8	11.2																		
440	129	35	8	42.5	11.2																		
450	127	34	8	41.0	11.2																		
460	124	34	8	39.3	11.2																		
470	123	33	8	38.5	11.2																		
480	122	33	8	37.7	2.4																		
490	120	32	8	36.6	0.																		
500	119	31	8	36.3	0.																		
510	118	30	8	35.1	0.																		
520	117	29	8	34.3	0.																		
530	115	29	8	32.8	0.																		

資料 3.134　流出量・降雨量および水路水位

DISCHARGE & R.I. 18 -6 -6, 531108, 1-100 0 AREA=636.M**2 QMAX= 95.8MM/H 18 -6 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	20	3	3	0.5	59.7	540	166	59	11	88.7	93.8	1080	169	62	11	92.1	111.4	2040	57	11	5	5.6	0.
10	20	3	3	0.5	59.7	550	167	60	11	89.3	96.4	1090	-	-	-	-	99.8	2100	55	10	5	5.1	0.
20	20	3	3	0.5	59.7	560	167	60	11	90.2	98.4	1100	-	-	-	-	100.1	2160	53	10	5	4.4	0.
30	20	4	4	0.9	59.7	570	168	61	11	90.6	98.2	1110	-	-	-	-	99.4	2220	51	9	5	4.0	0.
40	20	4	4	1.1	63.8	580	168	61	11	91.5	91.5	1120	-	-	-	-	98.0	2280	49	9	5	3.7	0.
50	20	5	5	1.3	77.0	590	169	61	11	91.8	90.4	1130	-	-	-	-	98.9	2340	47	9	5	3.4	0.
60	21	6	5	2.2	79.4	600	169	61	11	92.4	92.9	1140	169	61	11	92.8	96.5	2400	45	8	5	3.1	0.
70	22	7	5	3.0	81.0	610	169	61	11	92.8	95.3	1150	-	-	-	-	94.6	2460	44	8	5	3.0	0.
80	22	9	5	4.2	82.0	620	169	62	11	93.3	91.4	1160	-	-	-	-	94.4	2520	43	8	4	2.7	0.
90	25	10	6	5.4	85.1	630	170	63	11	94.6	88.8	1170	-	-	-	-	89.6	2580	41	8	4	2.4	0.
100	28	11	6	6.7	88.0	640	171	63	11	95.4	94.9	1180	-	-	-	-	76.0	2640	40	7	4	2.7	0.
110	31	12	6	8.4	91.7	650	172	63	11	96.2	97.8	1190	-	-	-	-	63.8						
120	36	14	6	9.7	95.4	660	172	63	11	96.3	96.4	1200	172	63	11	95.3	38.4						
130	40	16	6	11.3	96.0	670	172	63	11	96.1	99.6	1210	-	-	-	-	36.8						
140	45	16	7	12.9	96.0	680	172	63	11	95.9	99.9	1220	-	-	-	-	22.3						
150	50	18	7	14.4	99.4	690	172	63	11	95.8	98.0	1230	-	-	-	-	22.3						
160	56	19	7	17.0	100.0	700	172	63	11	95.8	96.4	1240	-	-	-	-	22.3						
170	62	20	7	17.9	96.7	710	172	63	11	95.8	96.8	1250	-	-	-	-	22.3						
180	68	22	7	20.1	93.1	720	172	63	11	95.8	97.3	1260	166	58	10	85.0	14.8						
190	76	23	8	23.6	98.4	730	172	63	11	95.8	96.8	1270	-	-	-	-	14.8						
200	78	23	8	24.2	101.2	740	172	63	11	95.8	94.6	1280	-	-	-	-	14.8						
210	84	25	8	26.7	87.2	750	172	63	11	95.8	93.1	1290	-	-	-	-	14.8						
220	91	26	8	29.1	86.5	760	172	63	11	95.8	95.3	1300	-	-	-	-	14.8						
230	97	29	9	33.4	89.9	770	172	63	11	95.7	95.6	1310	-	-	-	-	16.8						
240	102	32	9	36.0	94.9	780	172	63	11	95.7	101.6	1320	153	49	9	68.1	21.7						
250	107	32	9	39.0	95.0	790	172	63	11	95.7	109.1	1330	-	-	-	-	21.7						
260	113	35	9	42.4	91.0	800	172	63	11	95.3	104.1	1340	-	-	-	-	21.7						
270	117	37	9	45.0	91.1	810	172	63	11	95.3	91.7	1350	-	-	-	-	21.7						
280	122	38	10	48.7	95.8	820	172	63	11	95.3	89.9	1360	-	-	-	-	17.9						
290	125	41	10	51.5	95.4	830	172	63	11	95.5	94.9	1370	-	-	-	-	16.3						
300	130	43	10	55.4	95.4	840	172	63	11	95.5	95.7	1380	139	41	9	52.7	16.3						
310	134	45	10	59.1	96.5	850	172	63	11	95.5	96.7	1390	-	-	-	-	16.3						
320	138	47	10	63.0	95.8	860	172	63	11	95.9	99.1	1400	-	-	-	-	16.3						
330	142	50	10	66.8	96.0	870	172	63	11	95.9	96.6	1410	-	-	-	-	16.3						
340	146	51	10	70.0	98.8	880	172	63	11	95.9	96.2	1420	-	-	-	-	16.3						
350	148	53	10	72.0	96.9	890	172	63	11	95.9	94.1	1430	-	-	-	-	21.4						
360	153	54	10	76.4	91.4	900	172	63	11	95.9	93.1	1440	127	34	8	40.8	17.1						
370	154	55	10	77.5	91.4	910	-	-	-	-	96.1	1450	-	-	-	-	17.1						
380	157	55	10	79.8	93.1	920	-	-	-	-	96.9	1460	-	-	-	-	17.1						
390	158	56	10	80.7	94.3	930	-	-	-	-	100.6	1470	-	-	-	-	17.1						
400	160	57	10	82.3	94.3	940	-	-	-	-	103.5	1480	-	-	-	-	17.1						
410	161	57	10	83.2	95.3	950	-	-	-	-	100.5	1490	-	-	-	-	17.1						
420	162	57	11	84.7	96.0	960	172	63	11	96.2	100.8	1500	113	26	7	30.5	17.1						
430	163	58	11	85.3	94.9	970	-	-	-	-	104.5	1510	-	-	-	-	1.7						
440	163	59	11	85.1	96.4	980	-	-	-	-	103.0	1520	-	-	-	-	1.7						
450	164	59	11	86.4	101.4	990	-	-	-	-	105.0	1530	-	-	-	-	1.7						
460	165	59	11	87.5	96.4	1000	-	-	-	-	102.8	1560	103	24	7	24.2	0.						
470	165	59	11	87.9	94.8	1010	-	-	-	-	103.2	1620	95	22	7	19.2	0.						
480	166	59	11	87.9	97.4	1020	171	62	11	94.5	100.6	1680	87	19	6	15.2	0.						
490	166	59	11	88.1	100.6	1030	-	-	-	-	97.9	1740	80	17	6	12.3	0.						
500	166	59	11	88.0	96.1	1040	-	-	-	-	97.1	1800	74	15	6	10.2	0.						
510	166	59	11	88.0	95.4	1050	-	-	-	-	96.9	1860	69	14	6	8.6	0.						
520	166	59	11	88.0	94.4	1060	-	-	-	-	98.5	1920	65	12	5	7.3	0.						
530	166	59	11	88.2	93.8	1070	-	-	-	-	101.7	1980	60	12	5	6.0	0.						

資料 3.135　流出量・降雨量および水路水位

DISCHARGE & R.I.,　18 -7 -6,　531108,　1 -70　0 AREA=636.M**2　QMAX= 71.1MM/H　　18 -7 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	5	4	1.1	57.9	540	148	49	10	66.6	71.8	1080	152	51	10	70.8	76.7	2520	46	9	5	3.4	0.
10	28	5	4	1.1	57.9	550	148	49	10	66.8	72.1	1090	-	-	-	-	79.5	2580	45	9	5	3.0	0.
20	28	5	4	1.1	57.9	560	149	49	10	67.8	72.1	1100	-	-	-	-	79.5	2640	44	8	5	3.3	0.
30	28	5	4	1.4	53.8	570	150	49	10	68.6	73.0	1110	-	-	-	-	78.3						
40	28	6	5	1.9	52.9	580	150	49	10	68.5	73.0	1120	-	-	-	-	71.4						
50	28	7	5	2.4	55.1	590	150	49	10	68.2	73.2	1130	-	-	-	-	71.0						
60	29	8	5	3.3	55.1	600	150	49	10	68.3	71.8	1140	153	50	10	71.3	67.9						
70	30	9	5	4.3	54.0	610	150	49	10	68.3	72.3	1150	-	-	-	-	66.9						
80	32	10	6	5.7	57.9	620	150	49	10	68.3	74.3	1160	-	-	-	-	67.0						
90	35	11	6	6.6	61.0	630	150	49	10	68.2	73.9	1170	-	-	-	-	71.2						
100	37	12	6	8.1	64.1	640	150	49	10	68.2	70.5	1180	-	-	-	-	72.6						
110	41	14	6	9.2	66.0	650	150	49	10	68.3	72.1	1190	-	-	-	-	72.3						
120	44	15	6	10.4	63.8	660	150	49	10	68.5	70.9	1200	151	50	10	69.3	72.2						
130	50	16	6	12.0	64.1	670	150	50	10	68.5	71.2	1210	-	-	-	-	71.2						
140	53	16	6	12.7	71.0	680	150	50	10	69.0	71.5	1220	-	-	-	-	70.2						
150	57	17	6	14.0	73.9	690	151	50	10	69.9	75.0	1230	-	-	-	-	74.2						
160	62	18	7	15.1	73.9	700	151	50	10	70.1	76.7	1240	-	-	-	-	82.5						
170	66	19	7	16.4	73.2	710	151	50	10	70.3	76.6	1250	-	-	-	-	82.5						
180	69	20	7	17.7	72.1	720	152	50	10	70.9	75.8	1260	153	51	10	70.6	73.1						
190	74	22	7	19.3	71.8	730	153	50	10	71.6	73.2	1270	-	-	-	-	42.9						
200	78	23	7	21.3	70.8	740	153	50	10	71.5	72.1	1280	-	-	-	-	42.9						
210	82	23	7	23.2	70.8	750	153	50	10	71.3	77.1	1290	-	-	-	-	3.8						
220	87	25	7	25.3	72.8	760	153	50	10	71.0	76.7	1300	-	-	-	-	3.8						
230	91	25	7	27.3	75.8	770	153	50	10	71.0	77.2	1310	-	-	-	-	3.8						
240	95	26	8	28.9	76.7	780	153	50	10	71.0	77.1	1320	148	47	9	63.5	3.8						
250	99	27	8	31.0	78.8	790	152	50	10	70.7	72.5	1330	-	-	-	-	3.8						
260	102	29	8	32.8	78.8	800	152	50	10	70.7	72.5	1340	-	-	-	-	3.8						
270	105	31	8	34.5	73.7	810	152	50	10	70.7	71.0	1350	-	-	-	-	3.8						
280	108	32	8	36.0	71.0	820	152	50	10	70.8	70.9	1360	-	-	-	-	3.8						
290	112	32	8	38.8	69.2	830	152	50	10	70.8	71.1	1370	-	-	-	-	3.8						
300	116	32	8	41.2	70.1	840	152	50	10	70.8	72.8	1380	137	41	9	51.5	3.8						
310	117	34	8	41.9	70.1	850	152	50	10	70.8	72.8	1390	-	-	-	-	3.8						
320	120	34	8	43.5	68.0	860	153	50	10	71.2	76.1	1400	-	-	-	-	3.8						
330	122	36	8	45.0	70.2	870	153	50	10	71.2	78.1	1410	-	-	-	-	3.8						
340	125	37	9	47.5	72.4	880	153	51	10	71.3	73.1	1420	-	-	-	-	3.8						
350	127	39	9	48.9	75.3	890	153	51	10	71.2	71.0	1430	-	-	-	-	3.8						
360	129	41	9	51.0	74.9	900	153	51	10	71.2	71.0	1440	127	34	8	42.2	0.						
370	132	41	9	53.1	73.3	910	-	-	-	-	73.8	1500	117	30	8	33.9	0.						
380	134	43	9	55.1	74.2	920	-	-	-	-	77.2	1560	109	27	7	28.0	0.						
390	135	44	9	56.3	74.0	930	-	-	-	-	81.8	1620	99	23	7	21.7	0.						
400	137	45	9	57.7	73.3	940	-	-	-	-	84.5	1680	91	21	6	17.7	0.						
410	139	45	10	59.4	70.6	950	-	-	-	-	84.3	1740	85	18	6	14.9	0.						
420	141	46	10	60.6	70.2	960	153	51	10	71.8	76.4	1800	79	17	6	12.5	0.						
430	142	46	10	61.2	70.7	970	-	-	-	-	68.7	1860	75	16	6	10.7	0.						
440	143	47	10	62.3	74.6	980	-	-	-	-	65.8	1920	70	14	6	9.2	0.						
450	143	47	10	62.3	77.8	990	-	-	-	-	68.6	1980	66	13	6	7.9	0.						
460	144	48	10	63.1	74.6	1000	-	-	-	-	68.6	2040	63	12	6	7.0	0.						
470	144	48	10	63.1	74.1	1010	-	-	-	-	71.8	2100	60	12	6	6.3	0.						
480	145	49	10	63.5	74.0	1020	152	50	10	70.6	71.6	2160	58	11	6	5.7	0.						
490	146	49	10	64.8	73.0	1030	-	-	-	-	77.1	2220	55	10	5	5.1	0.						
500	147	50	10	65.5	72.1	1040	-	-	-	-	76.5	2280	53	10	5	4.6	0.						
510	147	50	10	66.1	74.3	1050	-	-	-	-	76.5	2340	51	9	5	4.3	0.						
520	148	49	10	66.1	78.1	1060	-	-	-	-	76.5	2400	50	9	5	3.9	0.						
530	148	49	10	66.6	72.9	1070	-	-	-	-	72.7	2460	47	9	5	3.5	0.						

資料 3.136　流出量・降雨量および水路水位

DISCHARGE & R.I., 18 -8 -6, 531108, 2-200 0 AREA=636.M**2 QMAX=133.6MM/H 18 -8 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	4	4	1.5	83.3
10	32	5	4	1.9	83.3
20	32	6	4	2.7	83.3
30	31	7	5	3.7	119.3
40	32	9	5	5.7	165.0
50	35	12	6	8.5	190.0
60	39	17	6	12.1	157.8
70	45	20	7	15.2	186.1
80	54	22	7	19.5	208.0
90	63	24	7	24.0	197.1
100	71	26	8	27.9	169.5
110	81	28	8	32.6	170.4
120	91	32	8	37.3	186.2
130	102	36	9	44.5	190.7
140	113	40	9	51.7	179.6
150	121	42	9	57.0	168.5
160	131	49	9	64.9	175.9
170	140	51	10	73.2	201.5
180	148	54	10	80.9	186.1
190	156	58	10	89.2	176.8
200	163	63	10	96.4	171.8
210	171	68	11	107.5	157.2
220	178	71	12	115.7	163.0
230	183	74	12	122.0	158.4
240	190	79	13	130.5	17.0
250	194	80	12	135.4	17.0
260	196	79	12	135.9	17.0
270	196	78	12	134.1	17.0
280	195	76	12	130.5	17.7
290	194	74	12	126.5	17.7
300	191	73	11	121.3	17.7
310	189	71	11	117.2	17.7
320	186	70	11	112.3	13.1
330	184	68	11	107.9	11.9
340	181	66	10	103.5	11.9
350	178	64	10	99.0	11.9
360	175	62	10	95.1	11.9
370	173	60	10	91.4	11.9
380	169	59	10	86.4	11.9
390	166	57	10	83.0	11.4
400	163	55	9	78.7	11.4
410	161	53	9	75.7	11.4
420	158	51	9	71.9	11.4
430	155	49	9	68.2	8.3
440	152	47	9	64.3	8.3
450	148	45	9	59.8	8.3
460	145	43	8	56.7	0.
470	142	42	8	53.1	0.
480	138	40	8	49.9	0.
490	135	38	8	46.8	0.
500	132	36	8	44.1	0.
510	129	35	8	41.8	0.
520	126	33	8	39.8	0.
530	124	33	8	37.9	0.
540	121	32	7	36.3	0.
550	120	31	7	35.1	0.
560	118	31	7	33.8	0.
570	116	29	7	32.8	0.
580	114	28	7	30.7	0.
590	113	27	7	29.9	0.
600	110	26	7	27.9	0.
660	98	23	6	20.6	0.
720	89	19	6	16.1	0.
780	81	17	6	12.5	0.
840	74	15	5	10.2	0.
900	69	14	5	8.4	0.
960	64	12	5	6.9	0.
1020	60	11	5	6.0	0.
1080	57	11	5	5.3	0.
1140	54	10	5	4.8	0.
1200	52	9	5	4.2	0.
1260	49	9	5	3.7	0.
1320	47	9	5	3.5	0.
1380	46	8	5	3.2	0.
1440	44	8	5	2.9	0.
1500	43	8	5	2.6	0.
1560	41	7	4	2.5	0.
1620	41	7	4	2.4	0.
1680	39	7	4	2.0	0.
1740	38	6	4	1.9	0.
1800	37	6	4	2.1	0.

資料 3.137　流出量・降雨量および水路水位

DISCHARGE & R.I.,　19 -2 -6,　531109,　1=200　0 AREA=636.M**2　QMAX=194.1MM/H　　19 -2 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	2	4	1.0	70.8
10	27	2	5	1.4	70.8
20	26	2	5	1.5	70.8
30	27	5	6	2.2	76.1
40	28	7	6	4.4	94.7
50	28	8	6	5.5	124.7
60	30	10	7	9.2	124.2
70	38	15	7	12.3	176.1
80	41	16	7	13.3	149.8
90	53	20	8	25.9	157.5
100	61	23	8	28.7	140.7
110	63	27	9	31.6	156.0
120	98	36	9	47.5	186.5
130	108	41	10	53.5	186.2
140	118	45	10	63.8	178.6
150	130	47	10	64.8	160.2
160	137	50	11	71.3	182.0
170	148	54	11	81.3	175.9
180	155	57	11	89.8	153.9
190	162	64	12	98.7	133.4
200	170	69	11	108.7	139.5
210	181	74	13	124.3	145.4
220	189	83	13	135.4	166.2
230	197	87	13	147.0	151.7
240	204	89	13	156.7	150.0
250	209	91	13	165.7	143.4
260	213	94	13	170.4	141.4
270	216	97	13	175.3	152.2
280	219	97	14	180.3	168.6
290	221	97	14	183.1	176.7
300	222	98	14	184.3	169.3
310	224	98	14	187.2	185.8
320	224	97	14	187.8	195.2
330	225	101	14	189.8	191.6
340	227	103	13	193.9	189.2
350	229	102	14	196.7	192.7
360	230	103	14	199.2	190.6
370	230	102	14	197.8	176.4
380	228	101	14	194.8	166.0
390	228	102	14	194.7	197.5
400	228	100	14	194.8	172.6
410	229	101	14	196.8	144.3
420	230	102	14	198.5	162.8
430	230	102	14	198.9	178.0
440	230	102	14	199.6	166.2
450	230	102	14	197.0	216.0
460	231	103	13	199.5	189.7
470	229	103	13	195.5	205.1
480	229	103	13	194.4	202.8
490	228	101	13	191.6	195.0
500	226	99	13	189.4	171.3
510	226	99	13	189.9	175.0
520	225	97	13	186.8	165.9
530	225	98	13	187.2	152.3
540	225	99	13	187.2	147.8
550	225	99	13	188.6	137.4
560	225	99	14	187.9	148.3
570	225	100	14	187.5	150.2
580	224	97	14	186.1	152.4
590	222	96	14	182.2	144.4
600	223	99	14	184.6	149.7
610	225	100	14	190.1	159.7
620	227	101	14	194.7	176.4
630	229	101	14	197.0	165.2
640	229	101	14	196.3	181.7
650	229	101	14	195.3	183.3
660	228	101	13	194.0	170.6
670	228	100	13	193.7	161.0
680	227	101	14	190.6	161.7
690	226	99	14	188.4	189.7
700	225	97	14	187.0	196.1
710	224	97	14	184.8	165.4
720	223	97	14	182.6	176.7
730	225	97	14	187.3	190.8
740	225	98	14	188.5	214.9
750	225	99	13	189.1	186.6
760	227	101	13	191.4	179.8
770	227	99	13	192.7	185.8
780	226	97	13	189.4	170.8
790	225	97	13	186.2	177.0
800	225	98	13	186.8	176.1
810	225	98	13	187.9	169.0
820	225	98	13	187.5	172.8
830	225	99	13	188.1	171.5
840	225	99	13	188.0	180.7
850	225	99	13	187.5	229.6
860	225	99	13	187.6	182.4
870	225	98	13	188.2	174.7
880	225	101	13	188.6	165.5
890	226	101	13	190.0	167.9
900	228	101	13	194.0	167.1
910	-	-	-	-	175.0
920	-	-	-	-	190.1
930	-	-	-	-	184.5
940	-	-	-	-	165.6
950	-	-	-	-	182.7
960	228	100	13	193.6	356.6
970	-	-	-	-	174.4
980	-	-	-	-	148.2
990	-	-	-	-	166.9
1000	-	-	-	-	159.9
1010	-	-	-	-	177.4
1020	225	98	13	186.0	165.6
1030	-	-	-	-	164.1
1040	-	-	-	-	174.8
1050	-	-	-	-	189.1
1060	-	-	-	-	184.5
1070	-	-	-	-	176.3
1080	223	97	14	183.4	166.1
1090	-	-	-	-	176.0
1100	-	-	-	-	171.2
1110	-	-	-	-	188.6
1120	-	-	-	-	162.3
1130	-	-	-	-	153.8
1140	223	98	14	184.5	166.6
1150	-	-	-	-	179.5
1160	-	-	-	-	172.6
1170	-	-	-	-	170.1
1180	-	-	-	-	163.3
1190	-	-	-	-	156.2
1200	225	98	14	187.7	181.8
1210	-	-	-	-	173.5
1220	-	-	-	-	160.9
1230	-	-	-	-	160.9
1240	-	-	-	-	174.7
1250	-	-	-	-	173.0
1260	225	100	13	188.0	170.0
1270	-	-	-	-	169.8
1280	-	-	-	-	151.4
1290	-	-	-	-	146.2
1300	-	-	-	-	146.7
1310	-	-	-	-	142.4
1320	224	96	14	186.0	159.7
1330	-	-	-	-	152.9
1340	-	-	-	-	158.3
1350	-	-	-	-	172.5
1360	-	-	-	-	176.2
1370	-	-	-	-	182.9
1380	225	96	14	187.1	167.9
1390	-	-	-	-	155.2
1400	-	-	-	-	172.2
1410	-	-	-	-	164.4
1420	-	-	-	-	152.7
1430	-	-	-	-	174.0
1440	226	97	13	191.1	157.6
1450	-	-	-	-	146.3
1460	-	-	-	-	174.2
1470	-	-	-	-	170.6
1480	-	-	-	-	170.2
1490	-	-	-	-	153.4
1500	227	99	13	189.1	165.9
1510	-	-	-	-	163.1
1520	-	-	-	-	66.5
1530	-	-	-	-	45.0
1540	-	-	-	-	39.6
1550	-	-	-	-	35.9
1560	211	83	12	152.8	35.9
1570	-	-	-	-	33.9
1580	-	-	-	-	18.7
1590	-	-	-	-	18.7
1600	-	-	-	-	18.7
1610	-	-	-	-	18.7
1620	180	63	10	98.8	18.7
1630	-	-	-	-	18.3
1640	-	-	-	-	18.3
1650	-	-	-	-	18.3
1660	-	-	-	-	18.3
1670	-	-	-	-	18.3
1680	157	50	10	69.0	25.7
1690	-	-	-	-	23.8
1700	-	-	-	-	23.8
1710	-	-	-	-	23.8
1720	-	-	-	-	23.8
1730	-	-	-	-	23.8
1740	134	37	8	45.8	23.8
1750	-	-	-	-	21.3
1760	-	-	-	-	13.5
1770	-	-	-	-	13.5
1780	-	-	-	-	13.5
1790	-	-	-	-	13.5
1800	117	28	7	32.2	13.5
1810	-	-	-	-	13.5
1820	-	-	-	-	13.5
1830	-	-	-	-	13.5
1860	106	25	7	25.8	0.
1920	96	22	7	19.7	0.
1980	88	18	6	15.7	0.
2040	81	16	6	12.6	0.
2100	75	15	6	10.3	0.
2160	69	14	6	8.6	0.
2220	65	12	6	7.6	0.
2280	62	12	5	6.6	0.
2340	59	11	5	5.8	0.
2400	56	10	5	5.1	0.
2460	53	10	5	4.6	0.
2520	51	9	5	4.2	0.
2580	50	8	5	3.9	0.
2640	47	8	5	4.0	0.

資料 3.138　流出量・降雨量および水路水位

DISCHARGE & R.I. 19 -3 -6, 531109, 1 -20 0 AREA=636.M**2 QMAX= 21.6MM/H 19 -3 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	4	3	1.0	15.9	540	84	19	6	17.3	24.3	1080	94	22	6	21.5	29.7	1620	94	22	7	21.4	34.9
10	26	4	3	1.1	15.9	550	85	20	6	17.8	24.3	1090	-	-	-	-	31.2	1630	-	-	-	-	35.6
20	27	4	3	1.1	15.9	560	85	20	6	17.8	22.9	1100	-	-	-	-	27.9	1640	-	-	-	-	32.9
30	27	4	3	1.3	15.9	570	85	20	6	17.7	22.8	1110	-	-	-	-	27.5	1650	-	-	-	-	28.8
40	27	5	3	1.4	15.9	580	86	20	6	17.8	23.2	1120	-	-	-	-	27.5	1660	-	-	-	-	28.8
50	27	5	3	1.5	15.9	590	87	20	6	18.1	23.3	1130	-	-	-	-	27.5	1670	-	-	-	-	29.1
60	27	5	4	1.6	15.9	600	87	20	6	18.2	23.3	1140	93	22	7	20.8	24.5	1680	94	22	7	21.9	34.3
70	28	6	4	1.8	15.9	610	87	20	6	18.2	23.3	1150	-	-	-	-	24.2	1690	-	-	-	-	30.5
80	28	6	4	2.3	15.9	620	87	20	6	18.4	29.3	1160	-	-	-	-	24.2	1700	-	-	-	-	30.5
90	29	6	4	2.3	16.0	630	88	20	6	18.9	29.9	1170	-	-	-	-	24.2	1710	-	-	-	-	26.7
100	29	7	4	2.5	16.1	640	88	21	7	19.2	28.4	1180	-	-	-	-	24.2	1720	-	-	-	-	26.3
110	30	7	4	2.6	16.1	650	89	21	6	19.9	27.8	1190	-	-	-	-	23.8	1730	-	-	-	-	15.8
120	31	7	4	3.0	16.1	660	89	21	6	20.0	27.5	1200	92	22	6	20.7	23.0	1740	97	23	7	22.5	0.
130	32	7	4	3.1	16.1	670	91	21	6	20.7	27.5	1210	-	-	-	-	23.4	1800	92	21	6	18.3	0.
140	32	8	4	3.1	16.1	680	92	21	6	21.0	27.5	1220	-	-	-	-	23.6	1860	84	18	6	14.3	0.
150	34	8	4	3.4	24.1	690	92	21	7	20.8	28.1	1230	-	-	-	-	23.6	1920	78	16	6	11.8	0.
160	35	8	4	3.6	26.1	700	92	21	7	20.4	28.4	1240	-	-	-	-	23.6	1980	73	15	6	10.1	0.
170	35	8	5	3.8	26.1	710	92	22	7	20.3	29.1	1250	-	-	-	-	24.3	2040	69	14	6	8.8	0.
180	36	8	5	3.9	26.1	720	92	22	7	20.3	29.0	1260	94	22	7	21.8	24.3	2100	66	12	6	7.9	0.
190	37	8	5	4.1	23.5	730	92	22	7	20.5	23.8	1270	-	-	-	-	24.3	2160	63	12	6	7.0	0.
200	38	8	5	4.4	21.7	740	92	22	7	20.5	23.8	1280	-	-	-	-	22.2	2220	60	12	5	6.1	0.
210	40	9	5	4.9	21.7	750	92	21	6	20.7	23.8	1290	-	-	-	-	21.7	2280	57	10	5	5.7	0.
220	41	9	5	5.1	21.7	760	92	22	6	21.0	23.8	1300	-	-	-	-	29.7	2340	56	10	5	5.3	0.
230	42	9	6	5.6	21.7	770	93	22	6	21.2	24.2	1310	-	-	-	-	29.7	2400	53	10	5	4.6	0.
240	44	10	6	6.5	21.7	780	93	22	6	21.6	24.7	1320	95	22	6	22.1	29.7	2460	51	9	5	4.3	0.
250	45	10	6	6.5	25.2	790	93	22	6	21.3	24.6	1330	-	-	-	-	22.0	2520	50	9	5	3.9	0.
260	47	10	6	6.9	28.0	800	93	22	7	21.1	24.6	1340	-	-	-	-	22.0	2580	47	9	5	3.4	0.
270	50	11	6	7.7	28.0	810	93	22	7	20.9	24.6	1350	-	-	-	-	22.0	2640	46	8	5	3.7	0.
280	51	12	6	8.1	28.0	820	93	22	7	20.7	24.6	1360	-	-	-	-	22.0						
290	52	12	6	8.4	27.4	830	93	22	7	20.6	23.3	1370	-	-	-	-	22.5						
300	54	12	6	8.5	27.1	840	93	22	7	20.6	22.2	1380	95	22	6	21.7	24.4						
310	56	12	6	9.5	27.1	850	93	22	7	20.8	22.2	1390	-	-	-	-	24.7						
320	58	13	6	9.7	28.5	860	93	22	7	21.1	22.2	1400	-	-	-	-	25.0						
330	60	14	6	10.2	28.6	870	93	22	7	21.1	22.2	1410	-	-	-	-	25.0						
340	62	14	6	10.7	28.6	880	93	22	7	21.3	22.2	1420	-	-	-	-	25.2						
350	63	14	6	11.0	28.6	890	93	22	7	21.3	21.7	1430	-	-	-	-	27.6						
360	65	15	6	11.5	28.6	900	93	22	7	21.3	20.6	1440	94	22	6	21.6	26.6						
370	66	15	6	11.5	29.7	910	-	-	-	-	20.6	1450	-	-	-	-	25.6						
380	68	15	6	12.1	30.1	920	-	-	-	-	20.6	1460	-	-	-	-	25.6						
390	69	15	6	12.3	30.1	930	-	-	-	-	20.6	1470	-	-	-	-	25.9						
400	70	15	6	12.7	29.6	940	-	-	-	-	20.6	1480	-	-	-	-	25.9						
410	71	16	6	12.9	27.7	950	-	-	-	-	20.6	1490	-	-	-	-	25.9						
420	72	16	6	13.2	27.7	960	94	22	6	21.7	27.9	1500	94	22	6	21.8	25.9						
430	74	16	6	13.7	27.7	970	-	-	-	-	30.9	1510	-	-	-	-	30.9						
440	75	16	6	13.9	26.1	980	-	-	-	-	31.1	1520	-	-	-	-	30.9						
450	75	17	6	14.1	21.6	990	-	-	-	-	30.9	1530	-	-	-	-	32.5						
460	76	17	6	14.2	21.6	1000	-	-	-	-	30.6	1540	-	-	-	-	26.2						
470	77	18	6	15.0	21.6	1010	-	-	-	-	30.6	1550	-	-	-	-	26.2						
480	78	18	6	15.4	21.6	1020	94	22	6	21.6	30.5	1560	96	23	7	22.3	26.2						
490	79	19	6	15.8	21.6	1030	-	-	-	-	30.4	1570	-	-	-	-	26.2						
500	81	19	6	16.4	21.7	1040	-	-	-	-	30.4	1580	-	-	-	-	27.9						
510	81	19	6	16.6	23.4	1050	-	-	-	-	30.9	1590	-	-	-	-	29.5						
520	82	20	6	16.9	24.3	1060	-	-	-	-	30.1	1600	-	-	-	-	28.3						
530	83	20	6	17.0	24.3	1070	-	-	-	-	29.5	1610	-	-	-	-	28.3						

資料 3.139　流出量・降雨量および水路水位

DISCHARGE & R.I,　19 -4 -6,　531109,　1-120　0 AREA=636.M**2　QMAX=115.2MM/H　　19 -4 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	18	3	3	0.4	84.4
10	18	2	3	0.4	84.4
20	18	2	3	0.4	82.0
30	18	2	4	0.6	72.5
40	18	4	4	1.0	75.5
50	18	5	4	1.6	88.5
60	19	6	5	2.4	93.6
70	20	7	5	3.6	106.7
80	22	9	5	4.9	117.4
90	25	10	6	6.7	117.6
100	28	12	6	8.5	117.0
110	32	14	6	10.1	118.8
120	38	16	6	12.1	119.6
130	44	16	6	13.9	120.4
140	50	18	7	16.1	112.4
150	57	19	7	18.3	106.2
160	63	21	7	20.2	111.6
170	70	23	7	23.8	119.5
180	78	25	7	26.8	116.6
190	85	26	8	30.4	114.9
200	94	30	8	35.0	114.9
210	101	30	9	37.5	115.3
220	108	34	9	43.5	118.8
230	115	37	9	47.8	115.6
240	117	40	9	49.0	111.4
250	128	43	10	56.8	112.5
260	134	46	10	61.8	120.1
270	139	48	10	67.6	126.2
280	144	50	10	70.7	123.4
290	149	52	10	75.0	122.5
300	154	54	11	80.5	121.3
310	157	57	11	84.1	115.7
320	161	59	11	87.9	114.8
330	165	61	11	92.9	118.0
340	168	63	11	96.4	119.0
350	172	64	11	100.5	119.7
360	174	66	11	103.4	116.1
370	176	66	11	104.7	115.3
380	177	67	11	105.6	112.4
390	178	67	11	106.2	115.5
400	179	67	11	106.4	113.4
410	179	68	11	106.7	112.3
420	179	68	11	107.1	124.2
430	180	69	11	108.1	125.3
440	181	69	11	109.7	125.3
450	181	69	11	110.9	116.3
460	182	70	12	111.7	114.7
470	183	70	12	112.9	112.6
480	184	70	12	114.1	107.3
490	184	70	12	114.4	107.8
500	184	70	12	114.2	114.2
510	184	70	12	113.9	129.8
520	184	71	12	113.8	124.7
530	184	71	12	114.4	121.4
540	184	71	12	114.4	121.3
550	184	71	12	114.5	121.3
560	185	71	11	114.9	121.3
570	185	71	11	114.9	117.4
580	185	71	11	115.4	116.6
590	185	71	11	115.1	122.3
600	185	71	11	115.0	125.1
610	185	70	11	114.5	122.6
620	184	69	11	113.3	121.0
630	184	69	11	112.8	121.9
640	183	68	11	110.8	114.5
650	182	68	11	110.1	122.1
660	182	68	11	109.8	129.7
670	182	69	11	110.2	123.7
680	182	69	11	110.4	121.2
690	182	69	11	110.9	120.0
700	182	69	11	110.9	126.0
710	182	69	11	110.9	125.5
720	182	69	11	111.0	112.2
730	182	69	11	111.4	113.4
740	182	70	11	111.6	111.0
750	183	70	12	112.6	115.8
760	184	70	12	114.5	120.6
770	185	70	12	115.5	115.3
780	185	70	12	115.3	115.8
790	185	70	12	114.9	107.2
800	185	71	11	114.7	108.9
810	185	71	11	114.7	112.4
820	185	70	11	114.6	112.9
830	185	71	11	114.6	122.1
840	185	70	11	114.5	123.9
850	184	69	11	114.0	122.8
860	184	69	11	113.9	122.2
870	184	70	11	113.4	122.1
880	184	70	11	113.4	119.6
890	184	70	11	112.9	120.7
900	184	70	11	112.9	122.3
910	-	-	-	-	117.0
920	-	-	-	-	117.0
930	-	-	-	-	116.6
940	-	-	-	-	116.6
950	-	-	-	-	118.6
960	183	70	12	111.2	118.6
970	-	-	-	-	115.4
980	-	-	-	-	110.1
990	-	-	-	-	113.1
1000	-	-	-	-	121.4
1010	-	-	-	-	121.4
1020	183	12	12	112.1	112.3
1030	-	-	-	-	113.7
1040	-	-	-	-	119.3
1050	-	-	-	-	128.8
1060	-	-	-	-	132.0
1070	-	-	-	-	118.3
1080	184	70	12	114.4	113.4
1090	-	-	-	-	113.5
1100	-	-	-	-	120.1
1110	-	-	-	-	122.8
1120	-	-	-	-	121.4
1130	-	-	-	-	124.1
1140	184	70	12	113.4	121.6
1150	-	-	-	-	121.8
1160	-	-	-	-	123.9
1170	-	-	-	-	117.7
1180	-	-	-	-	116.9
1190	-	-	-	-	120.6
1200	183	69	12	110.7	122.6
1210	-	-	-	-	122.8
1220	-	-	-	-	115.9
1230	-	-	-	-	107.8
1240	-	-	-	-	31.4
1250	-	-	-	-	15.6
1260	180	67	11	104.6	15.6
1270	-	-	-	-	15.6
1280	-	-	-	-	15.6
1290	-	-	-	-	15.6
1300	-	-	-	-	18.3
1310	-	-	-	-	22.2
1320	164	54	10	79.5	22.2
1330	-	-	-	-	22.2
1340	-	-	-	-	24.9
1350	-	-	-	-	27.5
1360	-	-	-	-	27.5
1370	-	-	-	-	20.6
1380	147	45	8	60.2	16.0
1390	-	-	-	-	16.0
1400	-	-	-	-	16.0
1410	-	-	-	-	16.0
1420	-	-	-	-	16.0
1430	-	-	-	-	16.0
1440	132	37	8	44.8	15.9
1450	-	-	-	-	15.9
1460	-	-	-	-	15.9
1470	-	-	-	-	15.9
1480	-	-	-	-	15.9
1490	-	-	-	-	25.2
1500	118	29	7	34.4	18.5
1510	-	-	-	-	18.5
1520	-	-	-	-	18.5
1530	-	-	-	-	16.4
1540	-	-	-	-	16.4
1550	-	-	-	-	16.4
1560	109	26	7	27.9	14.5
1570	-	-	-	-	12.6
1580	-	-	-	-	12.6
1590	-	-	-	-	12.6
1600	-	-	-	-	12.6
1610	-	-	-	-	12.6
1620	100	22	7	22.4	12.6
1630	-	-	-	-	12.6
1640	-	-	-	-	12.6
1680	92	20	6	17.9	0.
1740	85	18	6	14.4	0.
1800	78	16	6	11.6	0.
1860	72	14	6	9.5	0.
1920	67	13	6	8.2	0.
1980	64	12	6	7.1	0.
2040	60	11	6	6.2	0.
2100	57	11	6	5.5	0.
2160	55	10	5	4.9	0.
2220	53	9	5	4.5	0.
2280	50	9	5	3.9	0.
2340	48	9	5	3.7	0.
2400	47	9	5	3.4	0.
2460	45	8	5	3.0	0.
2520	44	8	5	2.4	0.
2580	39	8	5	1.7	0.
2640	38	8	5	2.4	0.

資料 3.140　流出量・降雨量および水路水位

DISCHARGE & R.I.　19 -5 -6,　531109,　1 -50　0 AREA=636.M**2　QMAX= 49.0MM/H　　19 -5 -6

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	5	4	1.0	44.0	540	126	36	9	45.8	51.3	1080	132	39	9	49.7	51.8						
10	27	5	4	1.3	44.0	550	127	36	9	46.5	51.3	1090	-	-	-	-	53.6						
20	27	5	4	1.5	44.0	560	128	37	9	46.5	50.9	1100	-	-	-	-	53.3						
30	27	6	5	1.6	43.5	570	128	37	9	47.2	47.8	1110	-	-	-	-	51.9						
40	28	6	5	2.0	38.4	580	128	37	9	47.0	47.8	1120	-	-	-	-	51.5						
50	28	7	5	2.4	38.4	590	129	37	9	47.3	47.7	1130	-	-	-	-	51.2						
60	29	8	5	3.1	38.6	600	129	37	9	47.3	48.9	1140	132	39	9	49.1	49.0						
70	30	9	5	3.7	41.3	610	129	38	9	47.4	49.3	1150	-	-	-	-	49.0						
80	31	9	5	4.2	41.6	620	130	37	9	47.9	49.3	1160	-	-	-	-	49.0						
90	34	10	5	5.1	41.6	630	130	37	9	47.8	46.8	1170	-	-	-	-	49.6						
100	35	10	5	5.4	41.7	640	130	38	9	48.4	48.0	1180	-	-	-	-	48.7						
110	37	11	5	6.3	43.5	650	130	38	9	48.2	47.7	1190	-	-	-	-	47.3						
120	40	12	6	6.7	46.3	660	130	38	9	48.2	47.8	1200	131	39	9	48.9	43.9						
130	42	12	6	7.5	46.3	670	131	38	9	49.0	47.2	1210	-	-	-	-	43.9						
140	45	12	6	8.1	46.3	680	131	38	9	49.0	45.9	1220	-	-	-	-	44.8						
150	47	12	6	8.7	46.9	690	131	38	9	49.0	45.9	1230	-	-	-	-	46.8						
160	50	14	6	9.7	47.2	700	131	38	9	48.7	44.7	1240	-	-	-	-	48.4						
170	52	14	6	10.1	47.2	710	131	38	9	48.7	44.6	1250	-	-	-	-	48.4						
180	56	15	6	10.9	46.4	720	131	38	9	48.7	45.1	1260	131	39	9	49.0	48.4						
190	59	16	6	11.7	46.8	730	131	38	9	48.7	45.5	1270	-	-	-	-	48.3						
200	61	16	6	12.5	46.8	740	131	38	9	48.7	48.9	1280	-	-	-	-	48.8						
210	64	16	6	13.2	46.8	750	131	38	9	48.7	48.9	1290	-	-	-	-	48.7						
220	66	17	6	14.0	44.6	760	131	38	9	48.7	48.1	1300	-	-	-	-	46.8						
230	69	18	6	15.0	43.0	770	131	38	9	48.8	46.4	1310	-	-	-	-	46.6						
240	72	19	7	15.8	43.0	780	131	38	9	48.8	46.4	1320	132	39	9	49.3	46.6						
250	75	20	7	16.8	43.1	790	131	38	9	48.8	46.4	1330	-	-	-	-	45.9						
260	77	20	7	18.1	43.5	800	131	38	9	49.0	44.7	1340	-	-	-	-	44.9						
270	79	21	7	18.7	44.0	810	131	39	9	49.0	44.7	1350	-	-	-	-	44.6						
280	82	22	7	19.5	47.0	820	131	39	9	49.0	48.8	1360	-	-	-	-	29.9						
290	85	23	7	21.0	49.0	830	131	38	9	49.0	49.1	1370	-	-	-	-	26.7						
300	87	23	7	22.2	49.3	840	131	38	9	49.0	50.7	1380	132	38	9	48.8	13.0						
310	89	23	7	22.9	50.0	850	131	38	9	49.0	51.6	1390	-	-	-	-	13.0						
320	92	24	7	24.3	50.7	860	131	38	9	49.0	51.6	1400	-	-	-	-	13.0						
330	94	24	7	25.6	50.7	870	131	39	9	49.0	52.1	1440	129	36	8	45.1	0.						
340	96	25	7	26.4	50.7	880	131	39	9	49.1	50.1	1500	122	31	8	37.9	0.						
350	97	25	7	26.9	51.7	890	131	39	9	49.1	49.5	1560	112	27	7	30.2	0.						
360	100	26	7	28.4	52.7	900	131	39	9	49.1	48.4	1620	102	23	7	23.6	0.						
370	102	26	7	29.4	52.7	910	-	-	-	-	47.9	1680	95	21	7	19.6	0.						
380	103	27	8	30.6	52.7	920	-	-	-	-	47.9	1740	88	19	6	16.1	0.						
390	106	28	8	31.9	51.8	930	-	-	-	-	48.3	1800	82	17	6	13.6	0.						
400	107	29	8	33.2	51.6	940	-	-	-	-	51.1	1860	77	16	6	11.8	0.						
410	109	30	8	34.1	51.4	950	-	-	-	-	51.2	1920	73	15	6	10.3	0.						
420	111	30	8	35.2	49.4	960	132	39	9	49.7	51.4	1980	69	14	6	8.9	0.						
430	112	31	8	36.3	49.0	970	-	-	-	-	49.0	2040	66	12	6	8.0	0.						
440	114	32	8	37.3	48.9	980	-	-	-	-	49.0	2100	63	12	6	7.0	0.						
450	115	32	8	38.3	50.5	990	-	-	-	-	49.0	2160	60	12	6	6.3	0.						
460	117	32	8	39.5	52.9	1000	-	-	-	-	50.9	2220	57	10	6	5.7	0.						
470	119	33	8	40.8	52.8	1010	-	-	-	-	50.4	2280	56	10	6	5.2	0.						
480	120	34	8	41.9	52.1	1020	132	39	9	49.9	50.2	2340	53	10	5	4.6	0.						
490	122	34	8	42.8	51.1	1030	-	-	-	-	49.0	2400	51	9	5	4.2	0.						
500	122	35	8	43.1	51.0	1040	-	-	-	-	49.0	2460	50	9	5	3.9	0.						
510	124	36	9	44.5	50.5	1050	-	-	-	-	49.5	2520	47	8	5	3.5	0.						
520	124	35	9	44.5	51.3	1060	-	-	-	-	51.1	2580	46	8	5	3.4	0.						
530	126	36	9	45.5	51.3	1070	-	-	-	-	51.1	2640	45	8	5	3.5	0.						

資料 3.141　流出量・降雨量および水路水位

DISCHARGE & R.I.　20 -1 -7,　531111,　2 -50　0 AREA=636.M**2　QMAX= 12.3MM/H　　20 -1 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	-7	1	-1	0.0	41.1	540	75	26	30	12.0	0.												
10	-7	1	-1	0.0	41.1	550	75	25	30	11.7	0.												
20	-7	1	-1	0.0	41.1	560	75	25	29	11.5	0.												
30	-7	1	-2	0.1	41.1	570	74	25	29	11.3	0.												
40	-7	1	4	0.0	37.5	580	74	24	28	11.0	0.												
50	-7	1	4	0.1	36.6	590	73	24	28	10.7	0.												
60	-7	1	4	0.1	40.2	600	73	24	27	10.4	0.												
70	-7	1	4	0.2	42.6	660	70	22	24	9.2	0.												
80	-7	1	5	0.2	44.7	720	66	20	21	7.9	0.												
90	-7	0	5	0.1	46.2	780	63	20	19	6.8	0.												
100	-7	1	6	0.5	48.2	840	59	18	17	6.0	0.												
110	-7	1	7	0.8	47.5	900	57	16	16	5.5	0.												
120	-7	1	9	0.8	45.1	960	55	16	15	4.8	0.												
130	-6	2	10	1.3	42.9	1020	51	15	14	4.1	0.												
140	-5	1	13	1.7	42.9	1080	50	14	13	4.0	0.												
150	-5	1	15	2.3	43.6	1140	48	13	12	3.5	0.												
160	-2	2	17	2.6	46.6	1200	46	12	11	3.1	0.												
170	-1	3	20	3.1	46.6	1260	44	11	10	2.7	0.												
180	0	6	22	3.9	46.6	1320	43	11	10	2.7	0.												
190	2	7	24	4.0	45.0	1380	41	11	10	2.3	0.												
200	4	8	26	4.4	44.5	1440	40	10	9	2.1	0.												
210	7	13	28	4.8	44.5	1500	38	10	9	2.0	0.												
220	10	14	30	5.4	16.7	1560	37	10	8	1.9	0.												
230	12	15	32	5.8	0.	1620	36	9	9	1.9	0.												
240	15	18	32	6.4	0.	1680	36	9	8	1.8	0.												
250	19	19	33	7.0	0.	1740	34	9	7	1.4	0.												
260	23	20	33	7.5	0.	1800	33	8	7	1.7	0.												
270	27	21	33	8.0	0.																		
280	31	22	32	8.3	0.																		
290	34	22	32	8.5	0.																		
300	38	23	31	8.5	0.																		
310	41	23	32	8.7	0.																		
320	45	23	32	9.0	0.																		
330	47	23	32	9.0	0.																		
340	50	24	32	9.4	0.																		
350	53	24	32	9.6	0.																		
360	55	24	33	10.0	0.																		
370	57	24	33	10.1	0.																		
380	59	24	33	10.8	0.																		
390	61	25	33	11.2	0.																		
400	63	26	34	11.4	0.																		
410	65	26	34	12.0	0.																		
420	67	26	34	12.3	0.																		
430	68	26	34	12.6	0.																		
440	70	26	33	12.7	0.																		
450	71	27	33	12.9	0.																		
460	72	27	33	13.1	0.																		
470	73	27	33	13.0	0.																		
480	74	27	33	13.0	0.																		
490	74	27	33	12.8	0.																		
500	75	27	33	12.7	0.																		
510	75	27	32	12.5	0.																		
520	75	26	31	12.4	0.																		
530	75	26	31	12.3	0.																		

資料 3.142　流出量・降雨量および水路水位

DISCHARGE & R.I, 20 -2 -7, 531111, 2 -50 0 AREA=636.M**2 QMAX= 20.4MM/H 20 -2 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	6	6	0.7	34.3	540	83	31	35	14.4	0.												
10	24	7	5	0.7	34.3	550	82	30	35	13.9	0.												
20	24	7	5	0.7	34.3	560	81	30	34	13.7	0.												
30	24	7	6	0.7	34.3	570	81	29	33	13.3	0.												
40	24	7	6	0.7	34.3	580	80	29	33	13.0	0.												
50	24	7	6	1.1	38.6	590	80	29	32	12.9	0.												
60	24	7	7	1.0	39.1	600	79	28	31	12.6	0.												
70	24	8	7	1.3	39.5	660	74	25	28	10.5	0.												
80	25	8	8	1.5	43.2	720	70	24	24	9.0	0.												
90	24	9	10	1.7	43.1	780	66	21	23	8.0	0.												
100	25	9	12	2.2	43.1	840	63	20	21	7.1	0.												
110	26	10	15	2.3	44.0	900	60	20	19	6.3	0.												
120	26	12	17	3.1	47.2	960	57	20	18	5.7	0.												
130	28	13	20	3.5	48.0	1020	56	19	17	5.3	0.												
140	29	14	22	4.4	46.0	1080	53	18	16	4.4	0.												
150	31	16	24	5.2	44.7	1140	51	17	15	4.2	0.												
160	33	17	26	5.9	45.0	1200	50	17	14	4.0	0.												
170	36	18	28	6.8	45.1	1260	48	16	13	3.6	0.												
180	39	20	30	8.0	49.1	1320	46	13	12	3.4	0.												
190	42	22	33	8.8	49.1	1380	46	12	11	3.0	0.												
200	45	23	34	9.7	49.0	1440	42	11	10	2.3	0.												
210	50	25	34	10.7	32.0	1500	41	11	10	2.4	0.												
220	53	26	38	11.7	32.0	1560	40	11	9	2.2	0.												
230	56	28	39	12.4	15.8	1620	39	11	9	2.1	0.												
240	59	29	40	12.8	0.	1680	38	10	9	2.1	0.												
250	63	30	42	13.8	0.	1740	37	10	8	1.9	0.												
260	66	31	43	14.8	0.	1800	36	10	8	2.1	0.												
270	69	33	44	15.8	0.																		
280	72	34	44	16.6	0.																		
290	75	34	44	17.6	0.																		
300	78	35	44	18.5	0.																		
310	81	36	45	19.5	0.																		
320	83	37	45	19.9	0.																		
330	85	37	45	20.0	0.																		
340	87	37	45	20.5	0.																		
350	88	37	45	20.8	0.																		
360	89	38	45	21.1	0.																		
370	91	38	44	21.3	0.																		
380	91	38	44	21.0	0.																		
390	92	38	43	21.2	0.																		
400	92	37	42	20.7	0.																		
410	92	37	42	20.5	0.																		
420	92	37	42	20.1	0.																		
430	92	36	41	19.7	0.																		
440	91	36	43	19.1	0.																		
450	91	35	42	18.7	0.																		
460	90	34	41	17.7	0.																		
470	89	34	40	17.2	0.																		
480	88	33	39	16.6	0.																		
490	87	32	38	16.4	0.																		
500	86	32	38	15.9	0.																		
510	86	32	37	15.4	0.																		
520	85	31	36	15.1	0.																		
530	84	31	36	14.7	0.																		

資料 3.143　流出量・降雨量および水路水位

DISCHARGE & R.I.,　20 -3 -7,　531111,　1=200　0 AREA=636.M**2　QMAX=193.3MM/H　　20 -3 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	7	6	1.0	64.4	540	228	151	90	193.4	177.9	1080	226	149	89	190.5	154.4	1620	108	45	50	26.5	11.3
10	26	7	6	1.0	64.4	550	228	151	91	193.4	162.2	1090	-	-	-	-	149.1	1630	-	-	-	-	11.3
20	26	7	7	1.0	64.4	560	228	150	91	193.3	162.0	1100	-	-	-	-	142.2	1640	-	-	-	-	11.3
30	26	8	9	2.0	64.4	570	228	151	91	193.3	166.7	1110	-	-	-	-	149.6	1650	-	-	-	-	11.3
40	26	9	12	3.0	105.2	580	228	149	91	193.2	154.5	1120	-	-	-	-	159.1	1660	-	-	-	-	11.3
50	26	11	20	4.1	167.8	590	228	149	91	193.2	173.6	1130	-	-	-	-	160.2	1670	-	-	-	-	11.3
60	30	14	29	6.5	154.5	600	228	151	91	193.2	161.0	1140	224	146	86	185.6	151.7	1680	99	39	43	21.4	0.
70	33	19	42	8.6	145.4	610	227	151	91	192.4	171.9	1150	-	-	-	-	161.4	1740	90	34	36	16.7	0.
80	37	23	53	12.8	155.9	620	227	149	89	192.4	155.0	1160	-	-	-	-	149.6	1800	82	30	30	13.5	0.
90	43	29	62	16.0	184.9	630	227	149	89	192.4	157.0	1170	-	-	-	-	159.1	1860	77	27	26	11.3	0.
100	49	38	64	20.1	211.3	640	227	150	89	191.9	177.8	1180	-	-	-	-	138.8	1920	71	24	22	9.1	0.
110	61	45	65	26.0	171.9	650	227	150	89	192.0	181.8	1190	-	-	-	-	160.4	1980	66	21	20	7.5	0.
120	72	51	65	31.6	159.7	660	227	150	89	192.0	169.7	1200	223	148	89	184.2	146.5	2040	62	19	17	6.6	0.
130	84	56	66	39.0	158.9	670	227	150	89	192.1	166.9	1210	-	-	-	-	152.0	2100	59	18	16	5.6	0.
140	97	62	68	46.0	178.4	680	227	150	89	192.8	174.5	1220	-	-	-	-	159.3	2160	55	17	14	4.8	0.
150	111	69	72	54.9	162.0	690	227	150	89	192.8	165.4	1230	-	-	-	-	144.1	2220	52	16	14	4.3	0.
160	123	78	75	64.9	168.6	700	227	150	89	192.8	161.8	1240	-	-	-	-	144.5	2280	50	14	12	3.7	0.
170	136	86	75	75.7	159.4	710	228	150	89	193.4	166.4	1250	-	-	-	-	153.0	2340	47	14	11	3.3	0.
180	147	94	78	85.6	134.6	720	228	150	89	193.4	153.4	1260	225	149	89	188.2	150.3	2400	46	13	10	3.1	0.
190	159	104	80	98.7	132.1	730	228	150	89	193.4	166.7	1270	-	-	-	-	144.7	2460	43	12	9	2.7	0.
200	170	111	83	110.8	134.0	740	228	151	89	193.3	140.7	1280	-	-	-	-	100.0	2520	42	12	9	2.5	0.
210	179	117	83	121.7	232.5	750	228	151	89	193.3	153.4	1290	-	-	-	-	100.0	2580	40	11	9	2.2	0.
220	187	122	83	131.6	181.9	760	228	151	89	193.3	151.5	1300	-	-	-	-	113.0	2640	40	11	8	2.6	0.
230	194	127	86	140.3	166.2	770	228	152	89	193.3	171.7	1310	-	-	-	-	23.0						
240	199	131	86	148.9	174.9	780	228	152	89	193.3	167.7	1320	224	146	84	183.5	18.6						
250	204	135	86	154.9	167.0	790	228	152	89	193.3	149.0	1330	-	-	-	-	18.6						
260	208	140	86	160.9	147.0	800	228	152	89	193.3	132.4	1340	-	-	-	-	22.9						
270	212	140	88	167.3	156.7	810	228	152	89	193.3	130.0	1350	-	-	-	-	40.3						
280	214	141	87	170.8	143.0	820	228	152	89	193.3	143.2	1360	-	-	-	-	40.0						
290	216	141	87	173.6	156.4	830	228	151	89	193.2	164.6	1370	-	-	-	-	36.8						
300	218	143	88	176.3	142.9	840	228	151	89	193.2	169.8	1380	204	122	73	140.3	36.8						
310	220	146	86	180.0	144.5	850	228	151	89	193.2	165.3	1390	-	-	-	-	26.4						
320	221	146	88	182.4	150.6	860	227	151	89	192.5	171.3	1400	-	-	-	-	21.9						
330	222	147	89	184.2	156.0	870	227	150	90	192.5	159.6	1410	-	-	-	-	21.9						
340	224	149	89	187.7	152.3	880	227	150	90	192.5	181.4	1420	-	-	-	-	21.9						
350	225	151	91	190.0	163.4	890	227	150	91	192.5	174.5	1430	-	-	-	-	26.5						
360	227	151	91	193.0	171.4	900	227	150	91	192.5	176.9	1440	176	92	67	92.6	31.1						
370	227	151	90	193.8	171.0	910	-	-	-	-	163.3	1450	-	-	-	-	28.9						
380	228	152	90	194.1	180.4	920	-	-	-	-	143.9	1460	-	-	-	-	28.3						
390	228	153	90	193.6	167.2	930	-	-	-	-	158.4	1470	-	-	-	-	28.3						
400	228	150	91	193.4	179.5	940	-	-	-	-	169.1	1480	-	-	-	-	28.3						
410	228	151	91	193.3	174.2	950	-	-	-	-	184.7	1490	-	-	-	-	27.9						
420	228	151	91	193.1	173.4	960	227	149	89	191.0	158.1	1500	146	67	61	55.7	24.0						
430	228	150	91	193.2	170.0	970	-	-	-	-	150.9	1510	-	-	-	-	24.0						
440	228	150	91	193.0	163.6	980	-	-	-	-	153.6	1520	-	-	-	-	24.0						
450	227	150	91	191.8	168.8	990	-	-	-	-	166.3	1530	-	-	-	-	16.6						
460	227	150	90	192.2	189.4	1000	-	-	-	-	139.0	1540	-	-	-	-	16.6						
470	227	149	89	191.1	177.5	1010	-	-	-	-	136.7	1550	-	-	-	-	16.6						
480	227	149	90	192.1	162.3	1020	225	148	88	187.9	156.3	1560	122	52	56	34.5	16.6						
490	226	149	89	190.6	149.6	1030	-	-	-	-	158.3	1570	-	-	-	-	16.6						
500	227	149	90	192.2	181.4	1040	-	-	-	-	149.4	1580	-	-	-	-	11.9						
510	227	149	91	192.8	160.3	1050	-	-	-	-	184.4	1590	-	-	-	-	11.3						
520	227	151	91	193.0	158.6	1060	-	-	-	-	166.2	1600	-	-	-	-	11.3						
530	228	151	90	193.5	175.7	1070	-	-	-	-	163.3	1610	-	-	-	-	11.3						

資料 3.144　流出量・降雨量および水路水位

DISCHARGE & R.I, 20 -4 -7, 531111, 1-100 0 AREA=636.M**2 QMAX= 97.1MM/H 20 -4 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	6	1.0	76.7
10	27	8	7	1.3	76.7
20	27	8	8	1.4	76.7
30	28	9	9	1.6	70.8
40	28	9	11	2.1	70.1
50	28	10	14	2.6	69.1
60	29	11	17	3.2	72.8
70	30	13	21	4.3	81.5
80	32	15	26	5.6	81.1
90	34	18	31	7.0	83.0
100	38	22	36	8.6	87.9
110	41	24	41	10.4	92.3
120	46	27	44	12.6	95.1
130	51	31	50	14.6	91.9
140	57	34	54	17.2	91.9
150	63	38	59	19.9	95.0
160	70	41	60	23.1	98.9
170	77	45	61	26.7	94.0
180	85	49	63	29.9	90.6
190	93	54	64	34.7	87.9
200	101	58	64	39.1	92.4
210	107	61	66	43.0	92.2
220	115	65	66	47.9	89.3
230	122	69	67	52.4	89.4
240	128	72	68	57.3	89.6
250	134	74	69	60.7	94.6
260	139	77	69	65.3	97.3
270	143	79	70	68.0	97.6
280	146	82	70	70.5	97.9
290	150	83	70	73.3	90.5
300	153	85	70	75.8	91.1
310	155	87	71	78.4	90.5
320	157	88	71	80.5	94.2
330	159	89	72	81.8	98.5
340	161	90	72	83.7	103.9
350	162	91	72	85.2	93.6
360	163	91	72	86.2	86.1
370	164	92	72	87.7	86.5
380	165	94	72	88.1	92.5
390	166	94	72	88.8	98.9
400	167	94	72	90.6	91.0
410	168	95	72	90.9	88.6
420	168	95	72	91.7	88.9
430	168	96	72	91.8	92.3
440	169	96	72	92.3	92.2
450	169	96	72	92.7	89.7
460	170	97	72	93.6	89.7
470	170	97	72	94.5	92.8
480	171	97	72	94.9	93.6
490	171	98	72	95.6	94.9
500	172	98	73	95.9	94.8
510	172	98	73	96.2	92.8
520	172	98	73	96.1	92.2
530	172	98	73	96.5	90.9
540	172	98	73	96.4	92.2
550	173	98	73	96.8	92.8
560	173	98	73	96.8	93.3
570	173	98	73	96.8	93.6
580	173	98	73	96.7	93.4
590	173	98	73	97.2	93.4
600	173	98	73	97.2	96.3
610	173	98	73	97.2	94.9
620	173	98	72	97.1	84.5
630	173	98	72	97.1	84.7
640	173	98	72	97.1	90.8
650	173	98	72	97.0	100.0
660	173	98	72	97.0	95.1
670	173	98	72	97.0	86.6
680	173	98	73	96.5	87.2
690	173	98	73	96.5	91.0
700	173	98	73	96.5	91.9
710	173	98	73	96.5	102.7
720	173	98	73	96.5	89.6
730	173	98	72	96.5	82.3
740	172	98	72	96.1	88.0
750	172	98	72	96.1	93.5
760	172	98	72	96.1	86.6
770	172	98	72	96.1	90.0
780	172	98	72	96.1	91.3
790	172	97	72	96.1	94.7
800	172	97	72	95.6	94.6
810	172	97	72	95.6	92.3
820	172	97	72	95.6	92.3
830	172	97	72	95.1	91.4
840	172	97	72	95.1	93.3
850	172	97	72	95.1	86.2
860	171	97	72	94.8	83.6
870	171	97	72	94.8	88.6
880	171	97	72	94.8	97.5
890	171	97	72	94.8	96.3
900	171	98	72	94.8	90.9
910	-	-	-	-	91.0
920	-	-	-	-	93.1
930	-	-	-	-	90.5
940	-	-	-	-	90.8
950	-	-	-	-	90.4
960	171	97	72	94.5	93.1
970	-	-	-	-	95.3
980	-	-	-	-	93.0
990	-	-	-	-	89.3
1000	-	-	-	-	88.3
1010	-	-	-	-	91.6
1020	171	97	72	95.0	94.4
1030	-	-	-	-	93.1
1040	-	-	-	-	90.3
1050	-	-	-	-	90.3
1060	-	-	-	-	94.6
1070	-	-	-	-	93.3
1080	172	98	72	95.7	93.4
1090	-	-	-	-	55.6
1100	-	-	-	-	44.4
1110	-	-	-	-	31.0
1120	-	-	-	-	4.9
1130	-	-	-	-	4.9
1140	171	96	72	92.9	4.9
1150	-	-	-	-	4.9
1160	-	-	-	-	4.9
1170	-	-	-	-	4.9
1180	-	-	-	-	4.9
1190	-	-	-	-	4.9
1200	162	85	67	78.2	4.9
1210	-	-	-	-	4.9
1220	-	-	-	-	4.9
1230	-	-	-	-	11.3
1240	-	-	-	-	11.3
1250	-	-	-	-	11.3
1260	143	67	61	54.7	11.3
1270	-	-	-	-	11.3
1320	123	53	56	36.6	0.
1380	110	46	49	27.7	0.
1440	99	40	42	21.7	0.
1500	91	34	34	17.4	0.
1560	83	30	29	13.6	0.
1620	77	26	25	11.2	0.
1680	71	24	22	9.1	0.
1740	66	21	20	7.7	0.
1800	63	19	17	6.7	0.
1860	59	18	-10	5.6	0.
1920	56	18	14	5.1	0.
1980	53	16	14	4.5	0.
2040	51	15	12	4.0	0.
2100	48	14	11	3.4	0.
2160	46	13	11	3.1	0.
2220	44	12	10	2.9	0.
2280	43	12	9	2.7	0.
2340	41	11	9	2.4	0.
2400	40	11	8	2.2	0.
2460	39	11	8	2.0	0.
2520	37	10	7	1.9	0.
2580	37	10	7	1.9	0.
2640	36	10	7	2.0	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.145 流出量・降雨量および水路水位

DISCHARGE & R.I.,　21 -1 -7,　531113,　2-100　0 AREA=636.M**2　QMAX= 38.4MM/H　　21 -1 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	2	7	-2	0.0	57.7	540	99	37	38	20.5	13.0												
10	2	7	-2	0.0	57.7	550	97	36	37	19.2	13.0												
20	2	7	-3	0.0	57.7	560	95	35	36	18.5	13.0												
30	2	7	-3	0.2	57.7	570	93	34	35	17.6	13.0												
40	2	7	-3	0.3	58.0	580	91	33	33	17.3	13.0												
50	2	7	-3	0.2	62.9	590	90	32	33	16.8	13.0												
60	3	7	-3	0.6	65.0	600	89	31	32	16.2	0.												
70	3	7	-3	0.7	65.7	660	81	28	26	13.1	0.												
80	3	7	-3	1.0	70.9	720	76	25	23	10.9	0.												
90	4	7	-3	1.3	71.8	780	70	23	21	9.1	0.												
100	4	7	-3	1.9	79.3	840	66	21	18	8.0	0.												
110	5	7	-3	2.6	88.0	900	63	19	17	6.9	0.												
120	7	7	-3	3.2	86.8	960	59	18	15	5.8	0.												
130	9	8	-3	4.2	85.2	1020	56	16	14	5.1	0.												
140	11	13	30	5.3	88.7	1080	53	15	12	4.5	0.												
150	14	15	33	6.4	94.9	1140	51	14	11	3.9	0.												
160	18	17	36	7.6	97.5	1200	48	12	10	3.2	0.												
170	22	21	38	9.3	96.3	1260	45	12	10	2.9	0.												
180	27	24	41	10.9	95.8	1320	44	11	9	2.7	0.												
190	33	27	42	12.1	99.0	1380	42	11	9	2.3	0.												
200	40	30	44	14.5	97.6	1440	40	11	8	2.1	0.												
210	47	33	47	16.0	55.1	1500	38	10	8	1.9	0.												
220	52	36	51	18.0	14.4	1560	37	10	7	1.8	0.												
230	61	39	54	20.1	14.4	1620	36	9	8	1.7	0.												
240	67	41	57	21.9	14.4	1680	35	9	7	1.6	0.												
250	75	43	60	25.5	14.4	1740	34	9	7	1.6	0.												
260	81	47	60	27.3	14.4	1800	34	9	7	1.7	0.												
270	88	49	61	30.5	14.4																		
280	96	51	61	33.7	6.1																		
290	101	53	61	35.7	6.1																		
300	107	55	62	38.2	6.1																		
310	111	55	61	39.5	6.1																		
320	114	56	62	40.0	6.1																		
330	116	56	61	39.7	6.1																		
340	118	56	61	39.9	6.1																		
350	118	55	60	38.9	6.1																		
360	119	55	60	38.4	6.1																		
370	119	54	59	37.8	6.1																		
380	118	53	58	36.2	6.1																		
390	117	52	58	35.2	6.1																		
400	116	51	55	34.1	6.6																		
410	114	49	54	32.5	11.4																		
420	113	48	52	31.4	11.4																		
430	112	47	52	30.9	11.4																		
440	111	46	50	30.1	11.4																		
450	109	45	49	29.9	11.4																		
460	109	44	48	30.7	11.4																		
470	108	43	46	29.7	11.4																		
480	109	42	46	29.4	11.4																		
490	111	41	44	31.0	11.4																		
500	109	40	43	28.6	11.4																		
510	105	39	43	24.7	12.4																		
520	104	39	41	22.8	13.0																		
530	101	38	40	20.9	13.0																		

資料 3.146　流出量・降雨量および水路水位

DISCHARGE & R.I. 21 -2 -7, 531113, 2-100 0 AREA=636.M**2 QMAX= 57.4MM/H 21 -2 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	6	5	0.8	49.2
10	25	6	6	0.5	49.2
20	24	7	6	0.4	49.2
30	24	7	6	0.6	49.2
40	24	7	7	0.6	49.2
50	24	7	8	1.3	54.9
60	24	8	11	1.6	73.0
70	24	8	14	2.2	76.7
80	26	10	17	3.0	81.8
90	27	12	21	4.1	83.8
100	29	14	26	5.2	87.5
110	30	16	30	6.2	89.8
120	34	19	35	7.8	91.3
130	37	23	39	9.4	94.2
140	42	26	42	11.4	95.6
150	46	29	45	13.3	94.7
160	52	31	49	15.4	93.6
170	58	34	52	17.8	91.4
180	65	38	57	20.7	91.0
190	71	41	60	23.3	92.4
200	78	45	61	26.5	93.9
210	86	48	62	29.8	91.6
220	93	52	63	33.2	89.8
230	100	56	64	37.1	90.1
240	107	59	65	40.8	12.2
250	112	62	65	44.0	10.1
260	118	64	66	47.0	10.1
270	123	67	66	50.5	10.1
280	127	70	66	52.9	10.1
290	132	71	66	55.6	10.1
300	135	72	66	57.0	10.1
310	137	72	65	57.7	10.1
320	139	71	65	58.6	10.1
330	139	71	64	58.4	10.1
340	140	70	63	57.2	10.1
350	140	69	62	56.0	15.1
360	140	68	62	55.5	22.5
370	137	65	61	51.4	22.5
380	135	63	60	49.1	22.5
390	133	61	60	46.3	4.9
400	130	59	59	43.8	4.9
410	129	58	58	42.5	4.9
420	126	55	58	39.6	4.9
430	123	54	57	37.5	4.9
440	122	53	57	36.1	4.9
450	119	51	57	34.6	4.9
460	117	50	56	32.9	4.9
470	115	50	55	31.4	4.9
480	113	48	54	30.5	7.6
490	111	48	53	29.8	11.8
500	110	47	52	28.8	11.8
510	108	46	51	27.6	11.8
520	107	45	49	26.8	11.8
530	106	44	48	25.7	11.8
540	105	43	46	25.2	11.8
550	102	41	45	23.6	11.8
560	101	41	44	22.7	11.8
570	99	39	42	21.6	11.8
580	98	38	40	20.8	0.
590	96	37	39	20.0	0.
600	95	37	38	19.3	0.
660	86	32	32	14.7	0.
720	81	28	27	13.0	0.
780	75	25	23	10.8	0.
840	70	23	20	9.2	0.
900	66	21	18	7.8	0.
960	62	19	16	6.7	0.
1020	59	18	14	5.7	0.
1080	55	16	13	4.9	0.
1140	53	15	12	4.3	0.
1200	50	14	10	3.6	0.
1260	47	13	10	3.1	0.
1320	45	12	9	2.9	0.
1380	43	12	9	2.7	0.
1440	42	11	9	2.5	0.
1500	40	10	7	2.0	0.
1560	38	11	7	1.9	0.
1620	37	9	7	1.8	0.
1680	36	9	7	1.8	0.
1740	35	9	6	1.6	0.
1800	34	9	6	1.8	0.

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.147 流出量・降雨量および水路水位

DISCHARGE & R.I.,　21 -3 -7,　531113,　1-150　0 AREA=636,M**2　QMAX=138.3MM/H　　21 -3 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	7	4	0.9	67.5
10	26	7	5	0.9	67.5
20	26	9	5	1.1	67.5
30	26	9	6	1.4	68.4
40	26	11	7	1.9	87.4
50	26	13	11	2.5	106.3
60	27	16	17	3.8	120.0
70	29	20	23	5.3	127.1
80	31	24	31	6.6	146.6
90	35	29	39	8.7	144.4
100	39	34	44	11.5	147.6
110	43	38	50	14.1	146.9
120	50	43	55	17.0	139.4
130	58	48	59	20.3	128.6
140	66	53	61	24.9	125.9
150	76	59	62	29.7	135.0
160	84	64	64	33.7	132.5
170	95	69	65	39.9	139.8
180	106	75	67	46.0	144.1
190	116	79	69	52.9	141.8
200	125	84	69	59.8	146.2
210	133	88	70	65.6	146.2
220	140	91	71	71.4	142.3
230	148	96	72	78.0	143.5
240	154	100	73	84.1	141.4
250	160	103	74	90.7	142.7
260	165	106	75	95.8	151.8
270	168	109	76	98.7	137.1
280	174	111	77	105.4	136.2
290	177	113	78	108.8	138.0
300	179	114	78	112.2	129.7
310	183	116	78	117.0	134.6
320	185	117	78	118.6	142.9
330	187	118	78	121.6	135.8
340	189	118	78	125.0	133.6
350	190	118	78	125.6	147.1
360	191	120	78	126.6	140.7
370	193	120	78	129.2	138.1
380	193	121	78	129.9	135.3
390	194	121	79	130.2	127.7
400	194	122	79	131.4	129.8
410	196	122	80	133.8	134.6
420	196	123	80	134.3	136.4
430	197	125	80	134.8	137.1
440	198	127	81	136.8	144.5
450	198	125	80	137.3	133.1
460	197	125	79	135.5	134.0
470	198	125	80	136.4	139.0
480	198	125	80	136.8	136.0
490	198	125	79	137.1	132.2
500	199	125	79	138.1	134.7
510	199	123	78	138.0	127.9
520	199	124	78	137.8	124.9
530	199	123	78	138.2	131.7
540	199	123	78	138.3	126.7
550	199	124	77	137.0	133.1
560	199	124	77	137.0	137.4
570	199	125	78	137.6	131.4
580	198	124	78	136.8	128.5
590	199	124	78	137.5	137.7
600	199	124	78	138.4	122.5
610	199	124	78	139.3	122.1
620	199	124	79	139.5	126.6
630	201	125	79	142.1	122.2
640	202	125	81	143.2	130.5
650	201	125	79	141.3	133.2
660	201	125	79	139.7	122.2
670	201	125	79	139.7	127.6
680	200	125	78	138.7	128.8
690	197	124	79	132.1	134.8
700	196	124	76	130.6	144.4
710	195	123	76	129.6	133.3
720	195	123	77	130.5	111.8
730	195	123	75	132.5	116.7
740	195	124	79	132.2	143.3
750	196	124	80	133.9	133.5
760	198	125	81	137.4	119.1
770	200	125	81	140.7	129.0
780	200	126	81	140.3	122.9
790	200	125	81	139.5	152.9
800	199	125	81	137.7	144.4
810	199	125	81	137.1	137.0
820	199	124	80	136.6	143.6
830	198	124	79	136.1	123.3
840	198	124	79	136.2	129.4
850	198	124	78	135.8	122.7
860	199	124	79	138.4	139.2
870	199	124	79	138.8	157.7
880	198	124	80	135.9	145.0
890	198	124	80	136.7	140.6
900	200	124	80	139.5	126.5
910	-	-	-	-	128.4
920	-	-	-	-	134.8
930	-	-	-	-	137.7
940	-	-	-	-	135.0
950	-	-	-	-	111.7
960	200	123	79	139.4	100.1
970	-	-	-	-	98.8
980	-	-	-	-	101.1
990	-	-	-	-	96.8
1000	-	-	-	-	95.4
1010	-	-	-	-	102.4
1020	200	124	80	140.1	133.9
1030	-	-	-	-	147.2
1040	-	-	-	-	164.7
1050	-	-	-	-	171.0
1060	-	-	-	-	130.7
1070	-	-	-	-	134.7
1080	201	126	80	141.5	126.1
1090	-	-	-	-	102.1
1100	-	-	-	-	107.1
1110	-	-	-	-	98.4
1120	-	-	-	-	91.2
1130	-	-	-	-	117.0
1140	200	124	80	139.1	127.6
1150	-	-	-	-	143.1
1160	-	-	-	-	135.5
1170	-	-	-	-	138.7
1180	-	-	-	-	132.8
1190	-	-	-	-	138.0
1200	199	124	80	138.3	143.8
1210	-	-	-	-	130.4
1220	-	-	-	-	126.9
1230	-	-	-	-	126.3
1240	-	-	-	-	154.9
1250	-	-	-	-	131.1
1260	200	126	81	139.4	108.1
1270	-	-	-	-	138.5
1280	-	-	-	-	129.0
1290	-	-	-	-	131.0
1300	-	-	-	-	129.4
1310	-	-	-	-	132.9
1320	199	123	78	138.7	129.1
1330	-	-	-	-	134.2
1340	-	-	-	-	140.2
1350	-	-	-	-	138.4
1360	-	-	-	-	136.3
1370	-	-	-	-	134.7
1380	199	124	81	138.2	143.8
1390	-	-	-	-	144.7
1400	-	-	-	-	145.0
1410	-	-	-	-	137.0
1420	-	-	-	-	125.3
1430	-	-	-	-	131.7
1440	199	123	80	137.7	124.3
1450	-	-	-	-	130.0
1460	-	-	-	-	122.0
1470	-	-	-	-	122.3
1480	-	-	-	-	128.8
1490	-	-	-	-	123.7
1500	199	124	80	138.4	135.1
1510	-	-	-	-	103.1
1520	-	-	-	-	105.1
1530	-	-	-	-	108.1
1540	-	-	-	-	111.9
1550	-	-	-	-	146.1
1560	199	124	80	137.7	120.1
1570	-	-	-	-	90.5
1580	-	-	-	-	41.6
1590	-	-	-	-	33.7
1600	-	-	-	-	33.7
1610	-	-	-	-	29.6
1620	192	114	73	122.6	29.1
1630	-	-	-	-	29.1
1640	-	-	-	-	29.1
1650	-	-	-	-	16.1
1660	-	-	-	-	3.7
1670	-	-	-	-	3.7
1680	177	95	67	96.7	3.7
1690	-	-	-	-	3.7
1700	-	-	-	-	3.7
1710	-	-	-	-	3.7
1720	-	-	-	-	3.7
1730	-	-	-	-	3.7
1740	154	75	61	66.5	3.0
1750	-	-	-	-	2.6
1760	-	-	-	-	2.6
1770	-	-	-	-	2.6
1780	-	-	-	-	2.6
1790	-	-	-	-	2.6
1800	132	58	57	43.7	2.6
1810	-	-	-	-	2.6
1820	-	-	-	-	2.6
1830	-	-	-	-	2.6
1840	-	-	-	-	2.6
1850	-	-	-	-	2.6
1860	115	47	47	30.5	2.6
1870	-	-	-	-	2.6
1880	-	-	-	-	2.6
1890	-	-	-	-	2.6
1900	-	-	-	-	2.6
1910	-	-	-	-	2.6
1920	103	40	40	23.5	2.6
1930	-	-	-	-	2.6
1940	-	-	-	-	2.6
1950	-	-	-	-	2.6
1960	-	-	-	-	2.6
1980	93	34	33	17.8	0.
2040	84	30	28	13.9	0.
2100	78	27	23	11.6	0.
2160	72	24	20	9.6	0.
2220	68	22	17	8.2	0.
2280	63	20	15	6.9	0.
2340	60	18	14	6.0	0.
2400	57	17	13	5.3	0.
2460	54	16	11	4.7	0.
2520	52	15	11	4.2	0.
2580	49	14	9	3.5	0.
2640	47	13	9	3.8	0.

資料 3.148　流出量・降雨量および水路水位

DISCHARGE & R.I. 21 -4 -7, 531113, 2 -70 0 AREA=636.M**2 QMAX= 29.4MM/H 21 -4 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	18	5	2	0.4	40.9	540	94	37	40	19.7	0.												
10	18	5	2	0.4	40.9	550	93	35	39	18.7	0.												
20	18	5	2	0.4	40.9	560	92	35	37	18.3	0.												
30	18	5	2	0.4	40.9	570	91	34	36	17.6	0.												
40	18	5	2	0.5	40.3	580	89	34	36	16.9	0.												
50	18	6	3	0.6	38.9	590	88	34	34	16.4	0.												
60	18	6	4	0.9	38.9	600	87	32	32	15.8	0.												
70	18	6	6	1.2	51.1	660	81	29	27	13.2	0.												
80	19	7	7	1.5	51.4	720	76	26	25	11.2	0.												
90	19	7	9	2.1	61.5	780	71	24	22	9.4	0.												
100	20	9	13	2.7	63.4	840	67	22	20	8.4	0.												
110	21	11	16	3.2	63.4	900	64	21	17	7.5	0.												
120	23	12	20	3.9	66.0	960	62	20	16	6.8	0.												
130	25	13	23	4.8	67.8	1020	59	18	14	6.0	0.												
140	27	15	27	5.7	65.3	1080	56	17	14	5.3	0.												
150	30	18	30	6.6	68.9	1140	54	16	12	4.6	0.												
160	33	20	33	8.0	72.6	1200	51	15	12	4.1	0.												
170	37	23	36	9.3	80.6	1260	49	14	9	3.7	0.												
180	41	26	39	11.0	77.6	1320	47	13	9	3.3	0.												
190	46	28	42	12.3	72.9	1380	46	12	9	3.2	0.												
200	51	30	45	14.0	68.5	1440	44	12	7	2.6	0.												
210	57	33	48	15.9	70.4	1500	42	11	7	2.5	0.												
220	61	35	51	17.2	38.8	1560	41	11	7	2.4	0.												
230	67	37	52	19.0	14.8	1620	40	10	6	2.2	0.												
240	73	39	55	20.7	14.8	1680	39	10	6	2.0	0.												
250	78	41	56	22.8	14.8	1740	37	10	5	1.8	0.												
260	82	43	58	24.1	14.8	1800	36	9	4	2.1	0.												
270	87	45	58	25.7	14.8																		
280	92	46	59	27.3	0.																		
290	95	47	58	28.3	0.																		
300	98	48	58	29.0	0.																		
310	101	48	58	29.4	0.																		
320	103	49	57	30.0	0.																		
330	104	49	57	30.0	0.																		
340	106	48	57	30.4	0.																		
350	106	48	57	30.1	0.																		
360	106	48	56	30.0	0.																		
370	107	47	55	29.7	0.																		
380	106	47	54	29.1	0.																		
390	107	47	54	29.0	0.																		
400	107	46	53	28.7	0.																		
410	106	45	52	27.9	0.																		
420	105	45	51	27.2	0.																		
430	105	44	49	26.2	0.																		
440	104	43	48	25.6	0.																		
450	103	42	48	25.1	0.																		
460	101	41	46	23.9	0.																		
470	100	41	46	23.5	0.																		
480	99	40	45	22.5	0.																		
490	99	40	44	22.5	0.																		
500	98	39	44	22.2	0.																		
510	96	38	43	21.2	0.																		
520	96	37	42	20.7	0.																		
530	95	37	41	19.7	0.																		

資料 3.149　流出量・降雨量および水路水位

DISCHARGE & R.I.,　21 -5 -7,　531113,　Z=200　O AREA=636.M**2　QMAX=149.4MM/H　　21 -5 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	8	6	1.2	88.9
10	29	9	6	1.9	88.9
20	28	9	7	2.3	88.9
30	29	10	9	3.2	106.4
40	30	12	15	4.5	138.2
50	32	14	21	6.2	133.2
60	35	17	33	8.3	162.5
70	39	23	44	11.1	156.2
80	44	28	54	14.4	147.5
90	50	34	59	18.3	148.4
100	58	40	61	23.2	143.4
110	68	47	62	29.5	162.1
120	80	54	65	36.4	159.4
130	93	64	68	44.8	151.9
140	108	72	72	54.6	152.3
150	122	81	74	64.6	143.9
160	136	89	75	76.4	153.8
170	148	96	77	87.1	152.4
180	158	103	79	97.3	138.2
190	169	109	80	107.9	149.2
200	177	114	80	117.0	158.4
210	184	119	82	126.3	170.0
220	190	123	83	132.7	171.3
230	194	127	84	138.7	172.1
240	198	129	84	143.0	141.4
250	202	131	83	147.9	4.4
260	204	131	82	150.9	4.4
270	205	131	80	151.1	4.4
280	205	131	79	148.9	4.4
290	205	129	78	147.3	4.4
300	204	127	76	143.9	4.4
310	202	124	75	140.3	4.4
320	199	120	72	134.1	4.4
330	197	116	70	128.3	4.4
340	194	112	69	122.9	4.4
350	190	106	67	115.5	4.4
360	185	101	65	107.9	4.4
370	182	97	64	101.6	4.4
380	177	93	63	94.1	0.
390	172	89	62	86.9	0.
400	167	84	62	80.3	0.
410	163	80	61	74.8	0.
420	158	76	61	69.1	0.
430	153	73	61	63.9	0.
440	149	70	60	59.0	0.
450	144	67	60	54.2	0.
460	140	64	59	50.1	0.
470	136	61	59	46.2	0.
480	132	59	58	43.5	0.
490	129	57	58	41.1	0.
500	126	55	57	38.1	0.
510	123	53	56	36.0	0.
520	120	51	55	34.1	0.
530	117	50	53	32.3	0.
540	115	48	51	30.5	0.
550	113	47	49	29.5	0.
560	111	45	49	28.2	0.
570	108	44	48	26.4	0.
580	106	43	46	25.7	0.
590	105	42	44	24.5	0.
600	102	41	43	23.0	0.
660	92	34	35	17.4	0.
720	83	30	29	13.3	0.
780	76	26	25	10.8	0.
840	70	24	22	8.8	0.
900	65	21	19	7.5	0.
960	62	20	17	6.6	0.
1020	58	18	15	5.3	0.
1080	54	16	14	4.6	0.
1140	52	15	12	4.3	0.
1200	50	14	11	3.8	0.
1260	47	13	10	3.3	0.
1320	45	13	9	3.0	0.
1380	43	12	9	2.8	0.
1440	43	12	8	2.7	0.
1500	41	12	7	2.2	0.
1560	39	11	7	2.2	0.
1620	39	11	7	2.0	0.
1680	37	10	6	1.8	0.
1740	36	10	5	1.9	0.
1800	36	10	5	2.0	0.

資料 3.150　流出量・降雨量および水路水位

DISCHARGE & R.I., 21 -6 -7, 531113, 1 -70 0 AREA=636.M**2 QMAX= 71.4MM/H 21 -6 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	4	1.0	89.6	540	150	78	66	68.3	70.0	1080	153	81	67	71.5	64.9	1620	151	79	66	68.8	34.8
10	27	7	4	1.0	89.6	550	150	78	66	68.3	71.1	1090	-	-	-	-	66.0	1630	-	-	-	-	8.7
20	27	7	5	1.2	43.3	560	150	78	66	68.3	71.8	1100	-	-	-	-	68.2	1640	-	-	-	-	8.7
30	27	8	6	1.2	43.3	570	150	78	66	68.2	75.0	1110	-	-	-	-	71.7	1650	-	-	-	-	8.7
40	27	8	7	1.5	43.3	580	150	78	66	68.2	73.6	1120	-	-	-	-	74.5	1660	-	-	-	-	8.7
50	28	9	9	1.9	44.7	590	150	78	66	68.3	72.8	1130	-	-	-	-	77.8	1670	-	-	-	-	8.7
60	28	9	11	2.3	52.0	600	150	78	66	68.3	72.8	1140	153	81	67	71.5	73.1	1680	148	76	64	64.0	8.7
70	29	11	14	3.0	53.2	610	150	78	66	68.4	74.1	1150	-	-	-	-	67.7	1690	-	-	-	-	8.7
80	30	12	17	3.7	54.1	620	150	78	66	68.7	73.8	1160	-	-	-	-	68.7	1700	-	-	-	-	8.7
90	31	14	21	4.5	56.0	630	150	79	66	68.8	73.6	1170	-	-	-	-	73.4	1710	-	-	-	-	8.7
100	33	16	25	5.2	58.1	640	151	79	66	69.2	73.0	1180	-	-	-	-	75.9	1720	-	-	-	-	8.7
110	35	17	28	6.2	59.8	650	151	79	66	69.2	73.5	1190	-	-	-	-	70.4	1730	-	-	-	-	8.7
120	38	20	31	7.6	63.9	660	151	79	67	69.6	79.1	1200	153	81	67	72.2	70.2	1740	139	67	61	53.3	8.7
130	40	22	34	8.5	66.9	670	151	79	67	69.6	82.5	1210	-	-	-	-	66.7	1750	-	-	-	-	4.0
140	44	24	38	9.9	75.8	680	151	79	67	70.1	79.8	1220	-	-	-	-	66.8	1760	-	-	-	-	4.0
150	48	27	41	11.4	78.5	690	152	80	67	70.4	77.8	1230	-	-	-	-	66.8	1770	-	-	-	-	4.0
160	52	29	44	13.3	73.8	700	152	80	67	70.8	72.4	1240	-	-	-	-	64.3	1780	-	-	-	-	4.0
170	57	31	47	15.4	70.1	710	152	80	67	71.1	69.9	1250	-	-	-	-	64.0	1790	-	-	-	-	4.0
180	62	34	52	16.9	68.5	720	152	81	67	71.1	70.6	1260	153	82	67	72.2	64.8	1800	125	56	57	39.3	4.0
190	67	37	55	19.0	68.8	730	153	81	67	71.3	77.1	1270	-	-	-	-	67.4	1810	-	-	-	-	4.0
200	74	40	58	21.9	75.5	740	153	81	67	71.3	76.9	1280	-	-	-	-	67.4	1820	-	-	-	-	4.0
210	79	43	59	24.2	75.4	750	153	81	67	71.8	78.3	1290	-	-	-	-	68.6	1830	-	-	-	-	4.0
220	84	45	60	26.3	68.7	760	153	82	67	71.7	76.9	1300	-	-	-	-	72.4	1840	-	-	-	-	4.0
230	90	49	61	29.1	68.7	770	153	82	67	72.1	73.9	1310	-	-	-	-	78.8	1850	-	-	-	-	4.0
240	96	52	61	32.7	69.9	780	153	82	67	72.4	72.5	1320	154	82	67	72.8	76.1	1860	113	48	51	30.3	4.0
250	101	54	62	35.4	71.0	790	153	82	66	72.4	65.8	1330	-	-	-	-	73.8	1870	-	-	-	-	4.0
260	106	57	63	38.2	68.4	800	153	82	66	72.3	65.2	1340	-	-	-	-	73.6	1880	-	-	-	-	4.0
270	112	60	63	41.2	67.8	810	154	82	66	72.6	67.0	1350	-	-	-	-	68.0	1890	-	-	-	-	4.0
280	116	61	63	44.1	65.3	820	154	81	66	72.5	72.6	1360	-	-	-	-	68.7	1920	104	41	44	24.7	0.
290	120	63	63	46.1	66.1	830	154	81	66	72.4	73.9	1370	-	-	-	-	73.3	1980	96	37	39	19.9	0.
300	122	65	64	47.6	65.7	840	154	81	66	72.2	70.4	1380	153	81	66	71.6	73.1	2040	88	33	34	16.0	0.
310	127	67	64	50.9	68.4	850	153	81	66	71.8	70.3	1390	-	-	-	-	67.1	2100	82	30	31	13.7	0.
320	130	69	64	53.1	71.5	860	153	80	66	71.3	67.3	1400	-	-	-	-	67.4	2160	77	27	27	12.0	0.
330	133	70	65	55.8	71.5	870	153	80	66	70.8	65.0	1410	-	-	-	-	68.3	2220	74	25	22	10.5	0.
340	136	71	65	57.3	71.8	880	153	79	66	70.6	64.7	1420	-	-	-	-	71.1	2280	69	23	19	8.8	0.
350	137	73	66	58.4	75.6	890	152	79	66	70.2	70.2	1430	-	-	-	-	71.1	2340	65	21	17	7.6	0.
360	139	74	66	59.8	77.5	900	152	79	66	69.9	70.2	1440	153	80	66	71.3	74.2	2400	62	20	15	6.9	0.
370	141	74	66	60.8	77.5	910	-	-	-	-	65.9	1450	-	-	-	-	69.4	2460	60	18	14	6.1	0.
380	142	75	66	62.6	76.2	920	-	-	-	-	63.9	1460	-	-	-	-	63.4	2520	57	18	13	5.5	0.
390	143	76	66	62.7	75.4	930	-	-	-	-	65.5	1470	-	-	-	-	63.4	2580	55	16	11	5.0	0.
400	145	76	66	64.2	71.8	940	-	-	-	-	70.4	1480	-	-	-	-	66.9	2640	53	16	10	5.2	0.
410	146	76	66	64.9	71.8	950	-	-	-	-	78.1	1490	-	-	-	-	70.5						
420	146	77	66	65.2	66.5	960	151	79	67	69.0	75.8	1500	152	79	66	70.4	69.7						
430	147	78	66	65.9	65.9	970	-	-	-	-	69.8	1510	-	-	-	-	67.8						
440	147	78	66	66.4	66.8	980	-	-	-	-	73.6	1520	-	-	-	-	67.1						
450	148	78	66	67.1	73.3	990	-	-	-	-	73.6	1530	-	-	-	-	63.8						
460	149	78	66	67.5	71.2	1000	-	-	-	-	77.8	1540	-	-	-	-	67.6						
470	149	78	66	67.8	66.6	1010	-	-	-	-	80.3	1550	-	-	-	-	70.2						
480	149	78	66	68.0	66.6	1020	153	81	67	71.4	76.7	1560	151	80	66	69.1	71.1						
490	149	78	66	67.8	68.3	1030	-	-	-	-	69.7	1570	-	-	-	-	67.1						
500	150	78	66	68.0	68.8	1040	-	-	-	-	69.7	1580	-	-	-	-	67.9						
510	150	78	66	68.0	68.8	1050	-	-	-	-	70.3	1590	-	-	-	-	69.2						
520	150	78	66	68.0	69.9	1060	-	-	-	-	68.4	1600	-	-	-	-	70.1						
530	150	78	66	67.9	70.0	1070	-	-	-	-	66.6	1610	-	-	-	-	54.1						

資料 3.151　流出量・降雨量および水路水位

DISCHARGE & R.I.,　21 -7 -7,　531113,　1 -50　0 AREA=636,M**2　QMAX= 50.4MM/H　　21 -7 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	24	7	2	0.8	36.4
10	24	7	2	0.8	36.4
20	24	7	2	0.8	36.4
30	24	7	3	0.8	36.4
40	24	7	3	0.8	36.4
50	24	7	4	0.8	38.1
60	24	7	4	1.0	38.1
70	24	8	5	1.4	38.1
80	24	9	7	1.6	40.6
90	25	9	9	1.9	41.7
100	26	10	10	2.6	40.3
110	27	11	12	3.1	40.3
120	28	12	14	3.6	41.8
130	30	13	17	4.0	45.6
140	31	15	19	4.6	45.6
150	33	16	22	5.4	45.2
160	35	18	24	6.2	43.2
170	37	19	26	6.6	46.4
180	40	21	29	7.7	46.4
190	44	23	31	8.7	46.5
200	46	24	33	9.8	54.6
210	50	26	36	10.5	54.6
220	53	27	38	11.6	54.6
230	57	29	39	13.2	51.4
240	60	30	42	13.9	50.4
250	65	32	44	15.8	50.4
260	68	34	47	16.8	47.7
270	72	36	50	18.6	46.7
280	76	39	52	19.6	46.9
290	81	40	55	22.0	46.9
300	84	42	57	23.4	46.2
310	87	44	58	24.8	44.1
320	92	46	58	26.9	44.1
330	96	48	59	28.9	44.1
340	99	49	59	30.2	45.5
350	101	51	59	31.2	49.0
360	105	52	59	33.0	49.0
370	107	53	59	34.2	48.5
380	110	54	59	35.7	46.8
390	112	55	60	36.6	50.3
400	114	56	60	37.8	50.3
410	115	57	60	38.5	50.3
420	117	58	61	40.0	48.5
430	119	59	61	41.2	46.8
440	121	60	61	42.5	46.8
450	122	61	61	43.3	46.8
460	124	61	61	44.7	48.3
470	124	62	61	45.0	48.3
480	126	63	62	45.9	48.3
490	127	63	62	46.7	47.2
500	128	64	62	47.4	46.4
510	128	64	62	47.7	46.4
520	129	64	62	48.2	46.2
530	130	64	62	48.3	47.3
540	130	65	62	48.5	47.6
550	130	65	62	48.6	48.5
560	131	65	62	48.9	48.2
570	131	65	62	49.2	45.9
580	131	65	62	49.5	45.5
590	132	65	62	49.8	44.4
600	132	65	62	50.0	44.5
610	132	65	62	50.3	45.6
620	132	65	62	50.5	48.0
630	132	65	61	50.4	49.0
640	133	65	61	50.6	49.0
650	133	65	61	50.5	44.7
660	133	65	61	50.4	43.3
670	133	65	61	50.3	43.3
680	133	65	61	50.2	43.4
690	132	65	61	49.8	47.1
700	132	65	61	49.8	47.8
710	132	65	61	49.5	47.8
720	132	65	61	49.2	44.8
730	132	64	61	49.2	43.6
740	132	64	61	49.2	44.1
750	132	64	61	49.0	44.1
760	132	64	61	49.0	45.3
770	131	64	61	48.7	44.4
780	131	64	61	48.8	45.0
790	131	65	61	48.8	44.8
800	131	65	61	48.9	43.3
810	131	65	62	49.0	43.3
820	131	65	62	49.0	43.0
830	131	65	62	49.1	43.3
840	132	65	62	49.4	46.1
850	132	65	62	49.5	46.1
860	132	65	61	49.8	52.8
870	132	65	61	49.7	50.9
880	132	65	61	49.9	50.4
890	132	65	61	49.8	48.6
900	132	65	61	49.8	48.6
910	-	-	-	-	51.6
920	-	-	-	-	49.6
930	-	-	-	-	48.8
940	-	-	-	-	47.0
950	-	-	-	-	46.6
960	132	65	61	49.8	45.2
970	-	-	-	-	45.0
980	-	-	-	-	46.8
990	-	-	-	-	46.8
1000	-	-	-	-	47.1
1010	-	-	-	-	45.9
1020	132	65	62	49.9	81.5
1030	-	-	-	-	90.5
1040	-	-	-	-	48.9
1050	-	-	-	-	39.0
1060	-	-	-	-	39.0
1070	-	-	-	-	39.0
1080	133	65	61	50.5	39.0
1090	-	-	-	-	39.9
1100	-	-	-	-	40.3
1110	-	-	-	-	40.5
1120	-	-	-	-	40.9
1130	-	-	-	-	40.3
1140	133	65	61	50.3	39.9
1150	-	-	-	-	36.7
1160	-	-	-	-	36.7
1170	-	-	-	-	35.5
1180	-	-	-	-	30.9
1190	-	-	-	-	7.9
1200	132	65	61	49.6	7.9
1210	-	-	-	-	7.9
1220	-	-	-	-	7.9
1230	-	-	-	-	7.9
1240	-	-	-	-	7.9
1260	130	62	59	46.2	0.
1320	122	55	57	38.2	0.
1380	112	47	50	29.8	0.
1440	101	40	43	22.4	0.
1500	93	36	37	18.7	0.
1560	86	32	33	15.3	0.
1620	80	29	28	12.8	0.
1680	75	25	23	10.8	0.
1740	71	23	22	9.5	0.
1800	67	22	20	8.4	0.
1860	65	21	18	7.7	0.
1920	62	20	15	6.8	0.
1980	60	19	14	6.2	0.
2040	57	18	13	5.5	0.
2100	55	17	12	5.0	0.
2160	53	16	11	4.5	0.
2220	51	15	10	4.1	0.
2280	49	15	9	3.7	0.
2340	47	14	9	3.4	0.
2400	46	13	8	3.3	0.
2460	45	13	7	3.0	0.
2520	43	12	7	2.9	0.
2580	42	12	6	2.7	0.
2640	41	11	6	2.8	0.

資料 3.152　流出量・降雨量および水路水位

DISCHARGE & R.I. 21 -8 -7, 531113, 2=150 0 AREA=636.M**2 QMAX= 89.4MM/H 21 -8 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	2	1.0	98.5	540	105	43	46	25.3	0.												
10	27	7	3	1.2	98.5	550	102	42	45	24.0	0.												
20	28	8	3	1.4	96.2	560	101	42	44	23.4	0.												
30	28	8	4	1.7	75.3	570	100	41	43	22.6	0.												
40	28	9	4	2.3	100.8	580	99	40	42	22.2	0.												
50	28	9	12	3.1	121.0	590	98	39	40	21.4	0.												
60	29	12	18	4.3	149.8	600	97	38	39	20.7	0.												
70	31	14	26	5.7	136.2	660	89	33	32	16.1	0.												
80	34	17	33	7.7	147.8	720	81	29	26	12.6	0.												
90	38	22	42	9.8	147.2	780	75	25	23	10.4	0.												
100	41	27	49	12.3	144.0	840	70	23	19	8.8	0.												
110	48	33	54	15.7	150.0	900	65	21	17	7.1	0.												
120	54	36	57	18.9	134.5	960	61	19	16	6.5	0.												
130	62	41	59	23.0	137.1	1020	58	18	14	5.5	0.												
140	72	47	61	27.5	147.1	1080	54	16	12	4.4	0.												
150	81	51	62	32.4	150.8	1140	51	15	11	4.1	0.												
160	91	56	63	38.0	152.3	1200	50	14	10	3.8	0.												
170	101	62	65	43.6	146.9	1260	47	13	9	3.2	0.												
180	111	67	66	49.9	152.3	1320	45	13	9	2.9	0.												
190	122	73	68	57.6	148.0	1380	43	12	8	2.7	0.												
200	132	78	69	65.3	76.2	1440	42	11	8	2.6	0.												
210	139	83	71	70.5	24.7	1500	40	11	7	2.3	0.												
220	147	88	71	76.7	15.3	1560	40	11	6	2.3	0.												
230	153	91	72	82.3	15.3	1620	39	10	6	2.0	0.												
240	158	94	72	86.3	15.3	1680	37	10	5	1.8	0.												
250	162	95	71	89.1	12.7	1740	36	10	5	1.8	0.												
260	165	95	70	90.3	10.0	1800	35	10	4	1.9	0.												
270	167	95	69	91.1	10.0																		
280	167	94	68	89.7	10.0																		
290	167	92	67	89.0	10.0																		
300	167	90	67	86.8	10.0																		
310	165	88	66	83.6	10.0																		
320	163	86	65	80.9	11.1																		
330	161	83	64	77.0	20.7																		
340	159	81	63	73.9	20.7																		
350	156	78	63	69.3	20.7																		
360	153	75	61	65.3	10.9																		
370	149	72	60	61.5	9.8																		
380	146	69	59	57.1	9.8																		
390	142	66	59	53.5	9.8																		
400	139	63	59	50.1	9.8																		
410	135	60	58	46.5	9.8																		
420	132	58	57	43.7	9.8																		
430	128	56	57	39.8	9.5																		
440	125	55	56	37.7	8.8																		
450	122	53	55	35.6	8.8																		
460	118	52	53	32.6	8.8																		
470	116	50	52	31.6	8.8																		
480	115	49	51	31.1	8.8																		
490	113	48	50	30.4	8.8																		
500	111	47	49	29.5	8.8																		
510	109	46	48	28.1	8.8																		
520	107	45	47	26.6	0.																		
530	106	44	46	26.0	0.																		

資料 3.153 流出量・降雨量および水路水位

DISCHARGE & R.I,　22 -1 -7,　531114,　2-120　0 AREA=636.M**2　QMAX= 61.3MM/H　22 -1 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	10	2	-3	0.1	75.1	540	100	40	43	22.1	0.												
10	10	2	-3	-0.0	75.1	550	99	39	41	21.3	0.												
20	10	2	-3	-0.1	75.1	560	98	38	40	21.2	0.												
30	10	2	-2	0.2	75.6	570	96	37	38	20.5	0.												
40	10	2	-3	0.4	95.0	580	95	36	37	19.8	0.												
50	9	2	-3	0.5	97.9	590	94	35	36	18.8	0.												
60	10	2	-3	1.0	105.8	600	93	35	35	18.3	0.												
70	11	4	6	1.5	111.1	660	85	30	30	14.3	0.												
80	11	5	11	2.2	120.9	720	78	27	25	11.9	0.												
90	13	7	18	2.9	118.1	780	73	24	22	9.9	0.												
100	14	9	24	4.2	116.6	840	68	22	18	8.3	0.												
110	16	12	31	5.5	114.6	900	64	20	16	7.0	0.												
120	19	16	37	7.1	111.8	960	60	18	15	6.0	0.												
130	24	19	41	9.4	106.3	1020	57	16	13	5.2	0.												
140	28	22	45	11.5	107.5	1080	54	16	12	4.4	0.												
150	34	27	47	13.6	111.4	1140	50	15	10	3.7	0.												
160	42	32	52	16.5	113.3	1200	48	13	9	3.4	0.												
170	50	35	56	19.5	117.5	1260	46	12	9	3.1	0.												
180	58	39	59	22.5	115.2	1320	44	11	8	2.7	0.												
190	68	44	59	26.3	114.6	1380	42	11	7	2.5	0.												
200	77	49	61	30.1	123.7	1440	40	11	7	2.3	0.												
210	86	53	62	34.5	97.8	1500	40	11	6	2.4	0.												
220	97	58	64	39.5	11.8	1560	39	10	6	2.1	0.												
230	106	62	65	44.5	11.8	1620	38	10	6	1.8	0.												
240	114	65	65	49.2	11.8	1680	36	9	6	1.6	0.												
250	122	68	66	53.3	11.8	1740	35	9	5	1.6	0.												
260	129	72	66	57.4	11.8	1800	34	8	4	1.8	0.												
270	135	74	66	61.0	11.8																		
280	138	74	66	62.1	22.1																		
290	141	75	65	63.3	23.3																		
300	143	74	65	63.0	23.3																		
310	143	74	64	62.4	22.6																		
320	144	72	63	61.3	22.6																		
330	143	71	62	59.9	22.6																		
340	145	69	62	58.4	14.3																		
350	141	68	61	55.7	14.3																		
360	139	66	60	53.3	14.3																		
370	137	63	60	50.6	14.3																		
380	134	61	59	47.3	14.3																		
390	132	59	59	45.3	2.6																		
400	130	58	59	42.8	2.6																		
410	127	56	57	40.9	2.6																		
420	125	54	57	38.5	2.6																		
430	122	53	56	36.2	2.6																		
440	120	51	55	34.9	2.6																		
450	117	50	54	32.8	0.																		
460	115	49	52	31.4	0.																		
470	113	48	50	30.4	0.																		
480	111	47	49	29.1	0.																		
490	109	46	48	27.9	0.																		
500	108	44	47	26.8	0.																		
510	106	43	46	25.6	0.																		
520	105	42	45	24.6	0.																		
530	102	41	43	23.2	0.																		

資料3.154　流出量・降雨量および水路水位

DISCHARGE & R.I., 22 -2 -7, 531114, 2-120 0 AREA=636.M**2 QMAX= 70.0MM/H 22 -2 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	25	7	3	0.9	74.0	540	103	43	43	24.6	0.												
10	25	7	4	1.3	74.0	550	102	41	43	23.7	0.												
20	25	7	4	1.2	74.0	560	101	40	41	23.2	0.												
30	26	7	5	1.4	70.7	570	100	40	40	23.1	0.												
40	26	8	7	1.5	78.1	580	99	39	39	22.6	0.												
50	26	9	9	2.2	92.3	590	98	39	38	21.7	0.												
60	27	10	13	3.0	106.6	600	97	38	36	21.0	0.												
70	27	12	18	3.9	109.5	660	91	34	31	17.3	0.												
80	29	14	25	5.3	126.9	720	82	29	27	13.4	0.												
90	32	17	31	6.7	124.2	780	77	25	23	11.3	0.												
100	35	20	36	8.8	117.6	840	71	23	20	9.2	0.												
110	39	24	41	10.9	113.1	900	66	21	17	7.7	0.												
120	44	28	46	12.8	111.9	960	62	20	15	6.5	0.												
130	50	32	51	15.4	111.1	1020	59	18	14	5.9	0.												
140	57	36	55	18.7	112.7	1080	56	16	12	5.0	0.												
150	64	39	58	21.8	112.9	1140	53	16	10	4.5	0.												
160	71	44	59	25.4	110.6	1200	51	15	10	3.9	0.												
170	80	49	60	29.5	109.4	1260	48	14	9	3.4	0.												
180	88	53	62	34.0	109.7	1320	46	13	9	3.1	0.												
190	97	58	63	38.9	108.6	1380	44	13	9	2.8	0.												
200	107	62	64	44.6	104.1	1440	43	12	8	2.6	0.												
210	115	66	65	49.9	52.3	1500	41	11	7	2.5	0.												
220	123	70	66	54.7	38.9	1560	40	11	7	2.3	0.												
230	130	73	67	58.8	25.3	1620	39	11	6	2.1	0.												
240	135	77	68	62.3	4.7	1680	38	10	6	2.0	0.												
250	140	79	67	66.1	4.7	1740	37	10	5	1.9	0.												
260	144	80	67	67.9	4.7	1800	36	10	5	2.1	0.												
270	147	81	67	69.3	4.7																		
280	150	81	66	71.5	4.7																		
290	151	81	65	72.0	4.7																		
300	152	80	65	70.9	4.7																		
310	151	79	64	68.9	4.7																		
320	152	77	63	68.4	4.7																		
330	150	75	62	65.5	4.7																		
340	148	74	61	62.8	4.7																		
350	146	71	61	60.4	9.0																		
360	144	70	61	57.7	13.3																		
370	142	68	60	54.7	13.3																		
380	140	65	60	52.3	13.3																		
390	137	63	59	49.6	13.3																		
400	134	60	59	46.4	10.7																		
410	131	59	58	43.2	10.7																		
420	129	57	57	41.7	10.7																		
430	126	55	57	39.2	10.7																		
440	123	54	55	37.0	10.7																		
450	121	52	54	35.2	0.																		
460	118	50	52	33.8	0.																		
470	116	49	51	32.2	0.																		
480	114	48	50	30.8	0.																		
490	112	47	48	29.7	0.																		
500	111	47	47	28.7	0.																		
510	108	46	46	27.2	0.																		
520	107	45	45	26.4	0.																		
530	105	44	44	25.3	0.																		

資料 3.155　流出量・降雨量および水路水位

DISCHARGE & R.I.,　22 -3 -7,　531114,　1 -30　0 AREA=636.M**2　QMAX= 32.2MM/H　　22 -3 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	7	3	1.1	23.7	540	104	47	60	28.3	33.7	1080	111	50	58	32.3	34.6	2040	68	23	19	8.5	0.
10	28	7	3	1.1	23.7	550	105	48	60	28.9	33.7	1090	-	-	-	-	34.5	2100	65	21	17	7.5	0.
20	28	7	3	1.1	23.7	560	105	48	60	29.4	33.5	1100	-	-	-	-	34.2	2160	61	19	15	6.6	0.
30	28	7	3	1.1	23.7	570	106	48	60	29.5	32.9	1110	-	-	-	-	30.4	2220	58	18	14	5.7	0.
40	28	8	4	1.1	23.7	580	106	49	59	29.8	35.2	1120	-	-	-	-	30.4	2280	55	17	12	5.0	0.
50	28	8	4	1.1	23.7	590	106	49	59	29.9	35.2	1130	-	-	-	-	30.4	2340	53	16	11	4.4	0.
60	28	8	5	1.1	23.7	600	107	49	59	30.1	35.2	1140	111	51	58	32.3	30.8	2400	51	16	10	4.1	0.
70	28	8	6	1.3	23.7	610	107	49	59	30.4	35.2	1150	-	-	-	-	32.3	2460	49	14	9	3.7	0.
80	28	9	6	1.4	26.4	620	108	49	59	30.5	36.4	1160	-	-	-	-	32.8	2520	47	14	9	3.3	0.
90	28	9	8	1.6	26.8	630	108	49	59	30.7	37.2	1170	-	-	-	-	34.0	2580	45	13	8	3.1	0.
100	28	9	9	1.8	26.8	640	108	49	59	30.5	37.5	1180	-	-	-	-	34.0	2640	43	13	7	3.2	0.
110	29	10	11	2.0	26.8	650	108	49	59	30.4	37.3	1190	-	-	-	-	33.3						
120	29	11	12	2.7	26.8	660	108	49	59	30.6	36.6	1200	111	50	58	32.4	33.4						
130	30	12	13	2.9	28.2	670	108	49	59	30.6	36.4	1210	-	-	-	-	32.8						
140	30	13	14	3.3	28.2	680	108	49	58	30.6	36.4	1220	-	-	-	-	31.8						
150	32	14	17	3.8	29.5	690	109	49	58	30.8	36.4	1230	-	-	-	-	31.7						
160	34	15	18	4.3	31.4	700	109	49	57	30.8	36.1	1240	-	-	-	-	31.0						
170	35	16	19	5.0	29.8	710	109	49	57	30.8	36.0	1250	-	-	-	-	31.0						
180	36	16	20	5.2	28.7	720	109	50	57	31.0	35.6	1260	111	51	58	32.3	31.0						
190	38	18	22	5.6	29.5	730	109	50	57	31.0	35.7	1270	-	-	-	-	31.3						
200	41	18	23	6.2	29.5	740	109	49	57	31.0	36.4	1280	-	-	-	-	31.3						
210	43	19	25	6.9	30.4	750	109	49	57	30.9	36.4	1290	-	-	-	-	30.5						
220	44	20	25	7.2	30.4	760	109	49	57	30.9	35.4	1300	-	-	-	-	30.5						
230	46	21	26	7.5	30.6	770	109	49	57	30.9	35.3	1310	-	-	-	-	30.5						
240	49	22	28	8.3	30.6	780	109	49	57	30.9	33.0	1320	111	51	58	32.7	30.4						
250	51	23	28	9.1	30.6	790	109	49	57	30.9	33.0	1330	-	-	-	-	29.8						
260	53	24	30	9.9	29.1	800	109	50	57	30.9	33.0	1340	-	-	-	-	29.4						
270	56	25	31	10.3	29.1	810	109	50	57	30.9	33.0	1350	-	-	-	-	29.2						
280	59	26	33	11.2	30.3	820	109	50	57	30.9	35.6	1360	-	-	-	-	29.2						
290	61	27	34	11.8	30.8	830	109	50	58	30.9	37.1	1370	-	-	-	-	29.2						
300	63	28	36	12.6	30.8	840	109	50	58	31.0	37.1	1380	111	51	58	32.3	29.3						
310	65	29	37	13.1	31.3	850	109	50	58	31.0	37.1	1390	-	-	-	-	29.9						
320	68	30	39	13.7	32.5	860	109	50	58	31.0	37.8	1400	-	-	-	-	31.8						
330	70	31	40	14.7	38.5	870	109	50	58	31.2	37.5	1410	-	-	-	-	31.8						
340	73	32	42	15.6	38.5	880	109	50	58	31.3	37.5	1420	-	-	-	-	31.8						
350	75	33	43	16.2	39.6	890	109	50	58	31.3	37.5	1430	-	-	-	-	31.8						
360	77	34	45	17.1	38.1	900	109	50	58	31.2	31.7	1440	111	50	58	32.1	31.7						
370	79	35	46	18.0	37.5	910	-	-	-	-	31.7	1450	-	-	-	-	30.5						
380	81	36	47	18.5	37.5	920	-	-	-	-	32.0	1460	-	-	-	-	30.5						
390	84	37	49	19.8	36.3	930	-	-	-	-	32.0	1470	-	-	-	-	30.5						
400	86	38	50	20.6	33.7	940	-	-	-	-	32.0	1480	-	-	-	-	22.2						
410	87	40	51	21.5	33.2	950	-	-	-	-	31.9	1490	-	-	-	-	22.2						
420	89	41	53	22.2	32.2	960	110	51	58	31.7	32.1	1500	111	50	58	31.9	24.1						
430	91	42	54	23.2	32.2	970	-	-	-	-	32.1	1510	-	-	-	-	26.9						
440	93	43	55	23.9	31.6	980	-	-	-	-	32.1	1520	-	-	-	-	26.9						
450	95	44	55	24.7	31.4	990	-	-	-	-	32.1	1530	-	-	-	-	26.9						
460	96	44	58	25.5	31.4	1000	-	-	-	-	32.6	1560	110	50	57	31.3	0.						
470	97	45	59	25.6	32.9	1010	-	-	-	-	31.8	1620	108	47	52	28.6	0.						
480	99	45	59	26.6	34.4	1020	111	50	58	32.1	31.8	1680	101	41	45	23.7	0.						
490	100	46	59	26.8	35.7	1030	-	-	-	-	31.8	1740	95	37	39	19.6	0.						
500	101	46	59	27.3	35.7	1040	-	-	-	-	31.5	1800	87	33	33	15.7	0.						
510	102	47	59	27.7	35.7	1050	-	-	-	-	30.5	1860	81	29	29	13.5	0.						
520	103	47	60	28.1	34.8	1060	-	-	-	-	31.5	1920	77	26	25	11.5	0.						
530	103	47	60	28.2	34.0	1070	-	-	-	-	34.6	1980	72	24	22	9.7	0.						

資料 3.156　流出量・降雨量および水路水位

DISCHARGE & R.I., 22 -4 -7, 531114, 1-120 0 AREA=636,M**2 QMAX=117.1MM/H 22 -4 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	7	2	1.0	126.4	540	183	109	73	113.9	116.4	1080	186	113	75	117.1	115.6	1620	163	84	64	78.7	13.5
10	26	7	3	1.1	126.4	550	183	109	73	113.8	118.9	1090	-	-	-	-	115.0	1630	-	-	-	-	13.5
20	26	8	3	1.1	84.4	560	183	109	73	113.7	116.5	1100	-	-	-	-	127.6	1640	-	-	-	-	13.5
30	27	8	4	1.2	82.0	570	187	110	73	119.1	115.0	1110	-	-	-	-	122.7	1650	-	-	-	-	9.6
40	27	9	6	1.3	91.4	580	187	110	74	118.3	118.6	1120	-	-	-	-	123.5	1660	-	-	-	-	8.7
50	27	9	9	1.9	109.1	590	187	110	75	118.3	117.1	1130	-	-	-	-	124.4	1670	-	-	-	-	8.7
60	27	10	12	2.5	118.0	600	187	110	75	117.4	118.0	1140	187	113	75	118.0	120.1	1680	142	64	58	53.5	8.7
70	27	12	17	3.4	126.6	610	184	110	75	113.6	122.1	1150	-	-	-	-	119.2	1690	-	-	-	-	8.7
80	29	14	23	4.7	118.8	620	184	110	75	113.6	116.8	1160	-	-	-	-	123.8	1700	-	-	-	-	9.4
90	31	17	31	6.3	117.6	630	185	111	75	114.0	114.7	1170	-	-	-	-	128.3	1710	-	-	-	-	12.3
100	34	20	36	8.5	111.7	640	185	111	75	115.4	126.2	1180	-	-	-	-	129.9	1720	-	-	-	-	12.3
110	38	25	43	10.3	111.1	650	185	111	75	115.4	126.5	1190	-	-	-	-	119.9	1730	-	-	-	-	12.3
120	43	29	47	12.7	117.8	660	185	111	75	115.4	116.0	1200	186	111	74	116.1	116.9	1740	121	51	52	34.7	12.3
130	49	33	53	15.6	116.0	670	185	112	74	115.9	121.4	1210	-	-	-	-	119.6	1750	-	-	-	-	6.4
140	55	36	58	18.7	117.0	680	185	112	74	115.9	149.2	1220	-	-	-	-	124.1	1760	-	-	-	-	6.4
150	63	40	59	21.7	116.1	690	186	112	74	116.4	112.2	1230	-	-	-	-	125.8	1770	-	-	-	-	6.4
160	71	45	60	25.4	115.7	700	186	112	74	116.8	111.4	1240	-	-	-	-	123.0	1780	-	-	-	-	6.4
170	80	49	61	29.5	124.3	710	186	112	74	116.8	118.0	1250	-	-	-	-	129.1	1790	-	-	-	-	6.4
180	88	54	63	34.0	119.0	720	186	112	74	116.8	124.2	1260	184	110	73	112.9	131.2	1800	109	46	48	27.6	0.
190	97	58	64	38.5	111.0	730	186	112	74	117.1	121.0	1270	-	-	-	-	134.4	1860	101	42	43	23.2	0.
200	105	63	66	43.3	106.7	740	186	112	74	117.1	119.7	1280	-	-	-	-	126.4	1920	94	36	36	19.2	0.
210	114	67	67	49.5	117.3	750	186	112	74	117.1	126.0	1290	-	-	-	-	123.2	1980	86	31	29	14.8	0.
220	121	71	68	53.7	118.2	760	186	112	74	117.0	133.0	1300	-	-	-	-	125.1	2040	78	27	25	11.4	0.
230	129	75	69	59.4	117.9	770	186	111	74	117.0	123.2	1310	-	-	-	-	133.4	2100	72	24	21	9.6	0.
240	136	79	69	65.2	117.2	780	186	111	74	117.0	119.6	1320	184	111	74	114.3	127.2	2160	67	22	18	8.0	0.
250	142	83	70	69.6	125.9	790	186	111	74	117.0	119.9	1330	-	-	-	-	121.7	2220	63	20	16	6.7	0.
260	146	86	71	73.3	116.1	800	186	111	74	117.0	116.6	1340	-	-	-	-	126.6	2280	59	18	14	5.7	0.
270	152	89	72	78.3	112.8	810	186	111	74	117.0	121.1	1350	-	-	-	-	121.1	2340	56	17	13	5.1	0.
280	156	91	72	82.4	117.1	820	186	112	74	117.0	125.8	1360	-	-	-	-	120.4	2400	53	16	12	4.5	0.
290	159	93	72	85.9	111.0	830	186	112	74	117.0	125.2	1370	-	-	-	-	128.4	2460	51	16	11	4.0	0.
300	162	96	72	88.1	110.6	840	186	112	74	117.0	125.0	1380	185	111	73	114.9	123.1	2520	49	14	10	3.7	0.
310	165	97	72	91.5	119.3	850	186	112	74	117.0	124.7	1390	-	-	-	-	117.1	2580	47	14	9	3.2	0.
320	168	98	72	93.9	120.7	860	186	112	74	117.0	119.4	1400	-	-	-	-	117.7	2640	45	13	8	3.5	0.
330	169	99	72	95.2	130.0	870	186	112	74	117.0	151.0	1410	-	-	-	-	125.4						
340	171	100	72	97.0	121.9	880	186	112	74	116.1	116.4	1420	-	-	-	-	131.3						
350	172	100	71	97.2	121.9	890	186	111	74	116.1	106.9	1430	-	-	-	-	132.8						
360	173	100	71	99.2	121.8	900	186	111	74	116.0	116.9	1440	186	112	75	117.2	121.2						
370	174	101	71	99.7	121.2	910	-	-	-	-	128.4	1450	-	-	-	-	109.6						
380	174	101	72	100.3	120.2	920	-	-	-	-	125.3	1460	-	-	-	-	103.9						
390	175	102	72	101.0	121.4	930	-	-	-	-	126.6	1470	-	-	-	-	135.7						
400	175	103	73	101.9	112.9	940	-	-	-	-	122.6	1480	-	-	-	-	150.0						
410	176	104	73	103.2	112.8	950	-	-	-	-	124.0	1490	-	-	-	-	11.3						
420	177	104	73	104.6	119.5	960	184	109	73	112.8	119.7	1500	186	112	73	115.1	11.3						
430	178	105	73	105.7	129.0	970	-	-	-	-	117.2	1510	-	-	-	-	11.3						
440	178	106	73	106.0	121.4	980	-	-	-	-	117.2	1520	-	-	-	-	11.3						
450	179	107	73	106.9	115.5	990	-	-	-	-	120.3	1530	-	-	-	-	11.3						
460	180	108	74	108.6	130.9	1000	-	-	-	-	129.7	1540	-	-	-	-	11.3						
470	181	109	74	109.8	128.1	1010	-	-	-	-	128.8	1550	-	-	-	-	12.1						
480	181	109	74	110.6	117.4	1020	183	110	74	113.0	124.2	1560	180	102	69	104.1	19.0						
490	182	109	74	110.8	118.0	1030	-	-	-	-	126.2	1570	-	-	-	-	19.0						
500	183	109	73	112.6	114.7	1040	-	-	-	-	122.7	1580	-	-	-	-	19.0						
510	183	109	73	112.4	118.8	1050	-	-	-	-	120.6	1590	-	-	-	-	16.8						
520	183	109	73	112.8	126.3	1060	-	-	-	-	122.3	1600	-	-	-	-	13.5						
530	183	109	73	112.9	126.9	1070	-	-	-	-	121.3	1610	-	-	-	-	13.5						

資料 3.157　流出量・降雨量および水路水位

DISCHARGE & R.I.,　22 -5 -7,　531114,　1 -20　0 AREA=636.M**2　QMAX= 20.5MM/H　　22 -5 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	21	7	0	0.6	16.1	540	76	32	38	14.3	20.8	1080	91	38	46	20.4	22.3	1620	94	39	47	21.4	23.5
10	21	7	0	0.6	16.1	550	77	32	39	14.7	18.3	1090	-	-	-	-	22.4	1630	-	-	-	-	23.5
20	21	7	0	0.6	16.1	560	77	32	39	14.9	18.3	1100	-	-	-	-	22.8	1640	-	-	-	-	23.5
30	21	7	0	0.6	16.1	570	78	32	40	15.0	18.3	1110	-	-	-	-	22.8	1650	-	-	-	-	23.2
40	21	7	0	0.6	16.1	580	79	33	41	15.4	18.3	1120	-	-	-	-	22.1	1660	-	-	-	-	22.8
50	21	7	1	0.6	16.1	590	80	34	42	16.3	18.3	1130	-	-	-	-	21.6	1670	-	-	-	-	22.8
60	21	7	1	0.6	16.1	600	81	34	44	16.7	18.3	1140	92	38	45	20.7	21.7	1680	94	39	47	21.4	22.8
70	21	7	2	0.6	16.1	610	81	34	45	16.7	18.5	1150	-	-	-	-	21.8	1690	-	-	-	-	22.4
80	21	7	2	0.6	16.1	620	83	35	45	17.7	19.4	1160	-	-	-	-	22.1	1700	-	-	-	-	20.9
90	21	7	3	0.6	16.1	630	84	36	45	17.8	19.6	1170	-	-	-	-	25.0	1710	-	-	-	-	20.9
100	21	7	4	0.7	16.1	640	85	36	46	18.2	20.0	1180	-	-	-	-	25.0	1720	-	-	-	-	12.8
110	21	8	5	0.9	19.2	650	86	36	47	18.5	20.0	1190	-	-	-	-	25.1	1730	-	-	-	-	12.4
120	21	8	6	1.2	24.7	660	86	36	46	19.0	20.0	1200	93	38	46	20.8	25.1	1740	94	38	45	21.1	12.4
130	22	9	8	1.4	24.7	670	87	37	46	19.1	20.0	1210	-	-	-	-	25.1	1750	-	-	-	-	12.4
140	22	9	9	1.7	24.7	680	87	37	46	18.8	20.0	1220	-	-	-	-	22.4	1760	-	-	-	-	12.4
150	23	9	10	2.0	24.7	690	89	37	45	19.6	20.0	1230	-	-	-	-	22.1	1770	-	-	-	-	5.0
160	24	11	11	2.4	25.7	700	89	37	45	19.5	20.0	1240	-	-	-	-	22.0	1780	-	-	-	-	5.0
170	25	11	12	2.6	34.6	710	89	37	45	19.5	19.9	1250	-	-	-	-	20.7	1790	-	-	-	-	5.0
180	25	12	13	2.8	34.0	720	90	37	45	19.3	19.8	1260	93	38	44	20.8	20.7	1800	93	38	44	20.3	5.0
190	27	13	14	3.1	30.6	730	90	37	45	19.3	19.8	1270	-	-	-	-	20.7	1810	-	-	-	-	5.0
200	28	14	14	3.6	26.1	740	90	37	44	19.2	20.5	1280	-	-	-	-	20.7	1820	-	-	-	-	5.0
210	29	15	15	4.0	26.1	750	90	37	44	19.3	23.6	1290	-	-	-	-	20.1	1830	-	-	-	-	5.0
220	31	15	16	4.4	26.1	760	90	37	44	19.3	23.6	1300	-	-	-	-	20.0	1860	90	35	39	17.9	0.
230	33	16	16	4.8	26.4	770	90	37	44	19.3	23.6	1310	-	-	-	-	20.0	1920	85	32	34	14.8	0.
240	34	16	17	5.0	26.9	780	90	37	44	19.2	23.6	1320	92	38	44	20.4	19.8	1980	79	28	29	12.1	0.
250	37	17	17	5.5	26.9	790	90	37	44	19.2	24.2	1330	-	-	-	-	19.8	2040	74	25	25	10.2	0.
260	38	18	19	5.4	28.1	800	90	37	44	19.2	26.5	1340	-	-	-	-	19.8	2100	69	23	25	8.7	0.
270	40	18	19	5.9	29.6	810	90	37	44	19.2	26.5	1350	-	-	-	-	19.8	2160	65	21	20	7.7	0.
280	42	18	20	6.0	30.3	820	90	37	44	19.2	26.8	1360	-	-	-	-	19.5	2220	62	20	18	6.7	0.
290	43	19	21	6.2	30.2	830	90	37	44	19.2	26.5	1370	-	-	-	-	18.8	2280	59	18	17	6.1	0.
300	45	20	21	6.7	28.8	840	90	37	44	19.2	24.6	1380	92	38	45	20.6	18.8	2340	57	18	15	5.5	0.
310	47	20	22	6.9	25.7	850	90	37	43	19.2	24.6	1390	-	-	-	-	19.1	2400	55	16	14	4.9	0.
320	48	21	22	7.4	25.7	860	90	37	43	19.2	26.4	1400	-	-	-	-	19.7	2460	52	16	13	4.3	0.
330	50	21	23	7.7	25.7	870	90	37	43	19.2	26.8	1410	-	-	-	-	19.7	2520	50	16	12	4.0	0.
340	52	22	24	7.9	25.5	880	90	37	43	19.2	26.8	1420	-	-	-	-	19.7	2580	49	15	11	3.8	0.
350	54	22	25	8.4	24.2	890	90	36	43	19.2	22.9	1430	-	-	-	-	19.7	2640	47	14	10	3.9	0.
360	55	23	25	8.7	24.2	900	90	36	43	19.2	22.5	1440	93	39	47	21.1	19.7						
370	56	23	25	9.0	24.2	910	-	-	-	-	22.8	1450	-	-	-	-	22.3						
380	58	23	26	9.1	24.2	920	-	-	-	-	23.0	1460	-	-	-	-	24.4						
390	60	24	27	9.3	27.3	930	-	-	-	-	23.0	1470	-	-	-	-	24.8						
400	61	24	28	9.9	30.8	940	-	-	-	-	23.0	1480	-	-	-	-	24.8						
410	62	25	28	9.7	30.8	950	-	-	-	-	23.0	1490	-	-	-	-	24.8						
420	63	25	28	10.0	30.8	960	90	36	44	19.2	21.5	1500	94	39	47	21.3	24.8						
430	65	25	30	10.4	23.5	970	-	-	-	-	21.0	1510	-	-	-	-	24.8						
440	65	26	30	10.7	23.5	980	-	-	-	-	20.7	1520	-	-	-	-	23.8						
450	66	26	31	10.9	23.5	990	-	-	-	-	20.7	1530	-	-	-	-	23.2						
460	67	27	31	11.2	20.8	1000	-	-	-	-	20.7	1540	-	-	-	-	23.2						
470	68	27	33	11.7	21.2	1010	-	-	-	-	20.7	1550	-	-	-	-	23.2						
480	69	28	34	12.2	22.1	1020	90	37	44	19.6	18.1	1560	94	39	46	21.3	22.9						
490	70	29	35	12.6	22.3	1030	-	-	-	-	18.1	1570	-	-	-	-	21.9						
500	71	29	36	12.9	22.3	1040	-	-	-	-	18.1	1580	-	-	-	-	21.9						
510	73	30	37	13.6	22.3	1050	-	-	-	-	18.1	1590	-	-	-	-	22.5						
520	74	31	38	14.0	22.3	1060	-	-	-	-	19.0	1600	-	-	-	-	23.5						
530	75	31	38	14.0	22.3	1070	-	-	-	-	22.3	1610	-	-	-	-	23.5						

資料 3.158　流出量・降雨量および水路水位

DISCHARGE & R.I., 22 -6 -7, 531114, 1 -40 0 AREA=636.M**2 QMAX= 42.5MM/H 22 -6 -7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	2	1.0	25.5	540	118	57	60	38.8	45.2	1080	124	60	60	42.2	45.8	1620	123	59	60	41.5	48.8
10	27	7	2	1.0	25.5	550	118	57	60	38.8	45.2	1090	-	-	-	-	45.4	1630	-	-	-	-	38.9
20	27	7	3	1.0	25.5	560	119	57	60	39.0	48.5	1100	-	-	-	-	47.8	1640	-	-	-	-	35.5
30	27	7	3	1.0	25.5	570	120	58	60	39.7	50.3	1110	-	-	-	-	48.3	1650	-	-	-	-	33.4
40	27	7	3	1.0	25.5	580	120	58	60	40.1	50.3	1120	-	-	-	-	48.3	1660	-	-	-	-	33.3
50	27	8	4	1.0	25.5	590	121	58	60	40.3	45.9	1130	-	-	-	-	44.3	1670	-	-	-	-	33.3
60	27	8	4	1.0	25.5	600	121	58	60	40.1	45.4	1140	124	60	60	42.3	42.4	1680	124	60	60	42.3	0.
70	27	8	5	1.2	27.2	610	121	58	60	39.9	45.4	1150	-	-	-	-	42.4	1740	121	56	59	38.7	0.
80	27	9	6	1.4	31.6	620	121	58	60	40.2	45.7	1160	-	-	-	-	40.6	1800	114	49	52	32.2	0.
90	27	9	7	1.5	31.7	630	121	58	60	40.5	46.6	1170	-	-	-	-	39.4	1860	105	43	46	25.2	0.
100	28	9	9	1.8	31.7	640	121	58	60	40.5	47.3	1180	-	-	-	-	39.0	1920	97	38	39	20.5	0.
110	28	10	11	2.2	32.4	650	122	58	60	40.6	43.5	1190	-	-	-	-	39.8	1980	88	34	33	16.2	0.
120	29	11	12	2.6	35.2	660	122	58	60	40.5	42.2	1200	124	60	60	42.6	41.3	2040	82	30	28	13.6	0.
130	29	12	14	3.2	35.2	670	122	58	60	40.6	42.1	1210	-	-	-	-	41.7	2100	76	27	25	11.0	0.
140	30	13	16	3.5	36.7	680	122	59	60	40.5	42.8	1220	-	-	-	-	42.0	2160	72	25	22	9.8	0.
150	32	15	18	4.3	43.8	690	122	59	59	40.5	48.6	1230	-	-	-	-	42.8	2220	68	23	19	8.4	0.
160	34	16	21	5.0	47.2	700	122	58	59	40.8	48.6	1240	-	-	-	-	43.5	2280	65	21	17	7.5	0.
170	35	17	22	5.7	47.2	710	122	58	59	40.8	46.2	1250	-	-	-	-	43.5	2340	61	20	15	6.5	0.
180	38	18	24	6.5	49.2	720	122	58	59	40.9	42.6	1260	124	60	60	42.4	43.1	2400	58	18	14	5.7	0.
190	40	20	25	7.1	51.0	730	122	58	59	40.8	41.7	1270	-	-	-	-	40.5	2460	55	17	12	5.1	0.
200	43	21	27	7.9	51.0	740	122	58	60	41.0	41.3	1280	-	-	-	-	40.5	2520	53	16	11	4.6	0.
210	45	22	28	8.3	48.5	750	122	59	60	41.3	43.1	1290	-	-	-	-	40.5	2580	51	16	11	4.2	0.
220	48	23	30	8.9	47.6	760	122	59	60	41.4	45.1	1300	-	-	-	-	42.8	2640	50	15	10	4.4	0.
230	51	25	31	9.7	47.6	770	123	59	60	41.9	45.5	1310	-	-	-	-	46.5						
240	53	26	34	10.3	47.6	780	123	59	60	42.2	46.4	1320	123	60	60	42.0	46.5						
250	56	27	36	11.2	49.5	790	123	59	59	42.5	47.4	1330	-	-	-	-	46.5						
260	59	28	38	12.4	53.2	800	123	59	59	42.3	47.4	1340	-	-	-	-	46.6						
270	62	30	40	13.3	52.1	810	124	59	59	42.4	45.9	1350	-	-	-	-	46.6						
280	65	32	43	14.7	51.8	820	124	59	59	42.3	44.9	1360	-	-	-	-	46.6						
290	69	34	44	15.8	53.3	830	124	59	59	42.3	44.9	1370	-	-	-	-	44.9						
300	71	35	47	16.9	54.6	840	124	59	59	42.2	45.4	1380	124	60	60	42.7	45.2						
310	75	36	49	18.2	54.9	850	124	59	59	42.0	50.1	1390	-	-	-	-	45.2						
320	78	38	50	19.4	56.0	860	124	59	60	42.0	50.4	1400	-	-	-	-	45.1						
330	82	40	52	21.1	57.9	870	123	59	60	41.6	51.8	1410	-	-	-	-	45.6						
340	85	41	54	22.1	55.0	880	123	59	60	41.5	50.1	1420	-	-	-	-	46.5						
350	88	43	56	23.6	51.5	890	123	59	60	41.5	49.7	1430	-	-	-	-	46.5						
360	91	44	56	24.9	51.1	900	122	59	60	41.3	49.5	1440	124	60	60	42.8	44.0						
370	94	45	58	26.2	51.1	910	-	-	-	-	48.8	1450	-	-	-	-	41.9						
380	96	47	58	27.4	52.9	920	-	-	-	-	47.8	1460	-	-	-	-	41.9						
390	99	48	58	28.5	53.6	930	-	-	-	-	47.9	1470	-	-	-	-	42.6						
400	101	49	58	29.5	51.1	940	-	-	-	-	48.4	1480	-	-	-	-	44.1						
410	103	50	59	30.3	47.3	950	-	-	-	-	49.1	1490	-	-	-	-	45.9						
420	105	51	59	31.3	45.4	960	124	60	60	42.5	47.2	1500	124	60	60	42.7	47.3						
430	107	51	59	32.7	46.7	970	-	-	-	-	45.3	1510	-	-	-	-	49.2						
440	108	52	59	33.5	51.7	980	-	-	-	-	45.3	1520	-	-	-	-	48.9						
450	110	53	59	34.6	63.8	990	-	-	-	-	48.7	1530	-	-	-	-	49.8						
460	112	54	59	35.3	59.9	1000	-	-	-	-	51.0	1540	-	-	-	-	51.2						
470	113	54	59	35.7	58.3	1010	-	-	-	-	50.8	1550	-	-	-	-	50.7						
480	114	55	59	36.2	58.3	1020	124	60	60	42.5	45.4	1560	124	59	59	42.3	45.9						
490	115	55	59	36.6	58.6	1030	-	-	-	-	42.7	1570	-	-	-	-	44.7						
500	115	56	59	37.0	45.6	1040	-	-	-	-	42.1	1580	-	-	-	-	44.5						
510	116	56	59	37.2	44.1	1050	-	-	-	-	41.8	1590	-	-	-	-	42.9						
520	117	56	59	38.1	44.4	1060	-	-	-	-	41.3	1600	-	-	-	-	42.9						
530	118	57	59	38.4	45.2	1070	-	-	-	-	44.0	1610	-	-	-	-	46.8						

資料 3.159　流出量・降雨量および水路水位

DISCHARGE & R.I.,　23 -1 -8,　531116,　2 -70　0 AREA=636.M**2　QMAX= 30.8MM/H　　23 -1 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	2	-3	0.4	43.8	540	88	30	19	15.9	0.												
10	18	2	-3	0.1	43.8	550	87	29	18	15.9	0.												
20	18	2	-3	0.2	43.8	560	86	28	17	15.5	0.												
30	18	2	-3	0.1	43.8	570	85	28	16	14.7	0.												
40	18	2	-3	0.2	43.3	580	84	27	16	14.3	0.												
50	18	2	-3	0.3	41.3	590	83	27	15	13.8	0.												
60	18	2	-3	0.3	47.9	600	82	26	14	13.3	0.												
70	18	2	-3	0.3	50.7	660	75	23	11	10.7	0.												
80	18	2	-3	0.4	50.3	720	70	20	8	9.0	0.												
90	18	2	2	0.5	57.7	780	66	18	8	7.5	0.												
100	18	2	3	0.8	59.5	840	62	17	8	6.4	0.												
110	18	2	6	1.2	48.9	900	58	16	8	5.5	0.												
120	18	2	10	1.8	46.2	960	55	15	7	4.8	0.												
130	19	2	14	2.7	46.6	1020	52	14	6	4.2	0.												
140	20	2	16	4.0	49.2	1080	50	13	6	3.7	0.												
150	22	2	20	5.5	58.0	1140	47	13	6	3.2	0.												
160	25	3	23	7.6	65.4	1200	45	12	5	2.8	0.												
170	29	15	25	9.4	67.6	1260	43	11	5	2.4	0.												
180	34	21	26	11.9	71.3	1320	40	11	4	2.1	0.												
190	41	27	27	14.3	66.1	1380	39	10	4	2.0	0.												
200	47	29	28	16.5	41.6	1440	38	10	4	1.8	0.												
210	55	32	29	19.2	24.9	1500	36	9	4	1.6	0.												
220	63	36	31	21.1	24.9	1560	35	9	4	1.5	0.												
230	70	39	34	23.8	6.2	1620	34	9	4	1.3	0.												
240	78	40	34	25.7	6.2	1680	32	8	4	1.2	0.												
250	85	41	33	28.0	6.2	1740	31	8	3	1.2	0.												
260	90	41	31	29.6	6.2	1800	30	8	3	1.4	0.												
270	96	42	31	31.2	6.2																		
280	100	43	33	32.4	6.2																		
290	104	43	33	32.8	6.2																		
300	106	44	34	33.1	6.2																		
310	108	44	34	32.7	6.2																		
320	109	43	34	32.1	6.2																		
330	109	43	33	31.4	6.2																		
340	109	43	33	30.6	6.2																		
350	109	42	32	30.1	6.2																		
360	108	41	31	29.4	6.2																		
370	108	41	31	28.7	6.2																		
380	107	40	30	27.8	6.2																		
390	106	39	29	26.7	0.																		
400	104	38	29	25.0	0.																		
410	103	38	28	24.5	0.																		
420	102	37	27	23.7	0.																		
430	101	36	27	23.4	0.																		
440	100	36	26	22.5	0.																		
450	98	35	26	21.6	0.																		
460	97	34	25	20.9	0.																		
470	96	34	24	20.2	0.																		
480	94	34	23	19.4	0.																		
490	93	33	22	18.8	0.																		
500	92	32	22	18.2	0.																		
510	91	32	21	18.0	0.																		
520	90	31	21	17.2	0.																		
530	88	30	20	16.3	0.																		

資料 3.160　流出量・降雨量および水路水位

DISCHARGE & R.I, 23 -2 -8, 531116, 2 -70 0 AREA=636.M**2 QMAX= 35.9MM/H 23 -2 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	13	3	3	0.2	34.7	540	90	30	22	17.3	0.												
10	13	3	3	-0.1	34.7	550	90	30	21	16.9	0.												
20	13	3	3	-0.2	34.7	560	88	29	21	16.2	0.												
30	13	3	4	-0.1	34.7	570	87	29	19	15.8	0.												
40	12	3	4	-0.1	34.7	580	86	28	19	15.2	0.												
50	12	3	4	-0.0	34.7	590	85	27	18	14.6	0.												
60	12	3	5	0.1	39.3	600	84	27	17	14.3	0.												
70	12	3	5	0.4	53.9	660	77	24	15	11.2	0.												
80	12	3	6	0.7	58.3	720	72	21	12	9.6	0.												
90	12	3	8	1.1	55.3	780	67	19	11	8.0	0.												
100	13	3	11	1.4	45.4	840	63	18	10	6.8	0.												
110	14	3	15	2.3	45.4	900	60	17	9	6.2	0.												
120	15	4	18	3.1	45.4	960	57	16	8	5.4	0.												
130	16	7	22	4.5	49.1	1020	54	15	7	4.4	0.												
140	19	9	27	6.1	57.4	1080	51	14	6	4.0	0.												
150	22	14	29	8.0	58.5	1140	49	13	6	3.5	0.												
160	27	18	32	10.2	59.3	1200	46	13	6	3.2	0.												
170	32	21	35	12.6	61.1	1260	45	12	6	2.9	0.												
180	39	25	37	15.4	61.5	1320	42	12	5	2.4	0.												
190	46	28	39	17.4	63.8	1380	41	11	5	2.3	0.												
200	55	31	40	20.2	64.4	1440	39	11	4	2.0	0.												
210	64	36	43	22.6	9.4	1500	37	10	4	1.9	0.												
220	71	39	44	25.3	5.7	1560	37	9	4	1.8	0.												
230	80	42	44	27.8	5.7	1620	35	9	4	1.4	0.												
240	86	43	44	29.6	5.7	1680	34	9	4	1.5	0.												
250	94	44	43	32.7	5.7	1740	33	9	4	1.4	0.												
260	100	46	43	34.6	5.7	1800	32	8	4	1.5	0.												
270	104	47	42	36.0	5.7																		
280	108	48	41	36.7	5.7																		
290	111	48	40	37.4	5.7																		
300	113	47	40	37.5	5.7																		
310	115	47	39	37.1	5.7																		
320	116	47	38	36.7	5.7																		
330	116	47	37	36.1	5.7																		
340	116	46	37	35.4	5.7																		
350	115	46	36	34.2	5.7																		
360	114	45	36	33.0	5.7																		
370	114	44	35	32.3	5.7																		
380	112	43	34	31.4	5.7																		
390	111	42	33	30.1	5.7																		
400	109	41	32	28.4	5.7																		
410	109	40	31	27.8	5.7																		
420	106	39	31	26.2	0.																		
430	105	38	30	25.5	0.																		
440	103	37	30	24.3	0.																		
450	102	37	29	23.5	0.																		
460	101	36	28	23.0	0.																		
470	100	35	27	22.2	0.																		
480	98	35	27	21.4	0.																		
490	97	34	27	20.6	0.																		
500	95	33	26	19.7	0.																		
510	94	33	25	19.3	0.																		

資料 3.161　流出量・降雨量および水路水位

DISCHARGE & R.I.,　23 -3 -8,　531116,　1=200　0 AREA=636.M**2　QMAX=195.4MM/H　　23 -3 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	3	1.0	88.3
10	27	7	4	1.1	88.3
20	26	7	4	1.4	92.6
30	26	7	8	2.1	130.1
40	27	8	12	3.6	129.3
50	28	9	23	5.6	141.3
60	31	13	34	7.4	192.9
70	35	23	51	12.4	175.5
80	41	31	60	17.9	164.9
90	46	39	63	22.6	184.4
100	61	48	64	30.9	189.0
110	78	58	65	39.9	203.9
120	92	68	66	50.0	197.5
130	112	75	67	61.9	205.0
140	128	82	68	73.6	185.6
150	143	89	70	86.3	190.3
160	157	96	70	99.1	175.7
170	168	104	71	111.0	181.5
180	178	110	72	121.3	176.6
190	186	115	73	130.7	176.1
200	193	116	73	138.6	160.6
210	197	120	73	143.0	157.3
220	201	122	73	149.5	162.8
230	204	124	73	153.3	155.7
240	208	126	73	159.2	194.5
250	210	130	73	163.6	189.2
260	213	132	73	168.0	158.6
270	215	132	73	172.3	164.2
280	217	134	73	175.4	180.9
290	219	136	73	178.1	177.9
300	220	137	73	181.0	188.2
310	221	138	73	182.5	199.4
320	222	138	73	184.2	198.0
330	224	139	73	187.2	229.7
340	225	141	73	188.2	183.0
350	225	141	73	190.2	166.2
360	226	142	73	191.0	185.8
370	226	143	75	190.9	190.1
380	227	143	75	192.5	192.6
390	227	143	75	192.4	181.0
400	227	144	75	193.1	169.8
410	227	144	75	192.2	183.3
420	227	144	75	193.1	188.4
430	227	144	75	193.1	178.7
440	228	145	75	194.1	171.7
450	228	146	75	195.5	165.1
460	229	146	75	196.2	228.1
470	230	147	75	198.3	181.1
480	230	146	73	198.7	188.0
490	230	145	74	199.3	176.7
500	230	146	75	199.8	200.3
510	230	146	75	199.9	192.0
520	230	146	75	199.7	235.3
530	231	147	75	200.2	219.4
540	231	147	75	201.5	188.3
550	231	146	75	200.5	167.2
560	231	146	75	199.3	167.6
570	230	146	75	198.3	189.5
580	230	145	74	196.4	177.6
590	228	144	74	193.8	165.3
600	228	143	74	192.6	198.2
610	228	144	74	193.5	194.9
620	228	143	74	193.7	184.8
630	228	144	74	193.8	202.2
640	228	144	74	193.1	205.1
650	227	143	74	191.9	204.4
660	227	142	74	192.2	207.1
670	227	141	74	192.4	196.4
680	228	141	74	194.0	203.8
690	229	141	74	196.1	210.2
700	229	142	73	196.8	192.6
710	229	143	73	197.4	181.9
720	230	145	73	197.8	201.4
730	230	145	74	197.7	195.2
740	230	145	74	198.5	195.7
750	230	146	75	198.4	180.5
760	230	146	75	198.3	185.6
770	230	147	75	199.4	180.1
780	230	147	75	199.4	217.4
790	230	147	75	198.7	218.6
800	230	147	75	197.7	221.9
810	230	145	75	197.6	223.7
820	230	145	75	196.9	192.1
830	229	144	74	196.3	190.4
840	229	145	74	195.7	198.1
850	229	145	74	195.1	184.4
860	229	145	74	195.2	200.1
870	229	145	74	195.3	186.5
880	229	146	74	195.4	202.2
890	229	146	74	195.4	188.1
900	229	146	74	195.4	178.4
910	-	-	-	-	172.8
920	-	-	-	-	176.5
930	-	-	-	-	184.0
940	-	-	-	-	196.1
950	-	-	-	-	190.6
960	229	144	74	195.2	197.3
970	-	-	-	-	187.1
980	-	-	-	-	153.3
990	-	-	-	-	173.5
1000	-	-	-	-	184.0
1010	-	-	-	-	184.7
1020	228	144	75	193.2	159.1
1030	-	-	-	-	194.3
1040	-	-	-	-	199.2
1050	-	-	-	-	210.2
1060	-	-	-	-	186.4
1070	-	-	-	-	179.6
1080	228	144	73	193.4	194.6
1090	-	-	-	-	196.4
1100	-	-	-	-	211.4
1110	-	-	-	-	209.5
1120	-	-	-	-	206.2
1130	-	-	-	-	210.1
1140	228	144	73	194.3	187.9
1150	-	-	-	-	206.7
1160	-	-	-	-	235.0
1170	-	-	-	-	193.0
1180	-	-	-	-	185.9
1190	-	-	-	-	206.2
1200	230	143	73	197.6	216.0
1210	-	-	-	-	231.2
1220	-	-	-	-	202.6
1230	-	-	-	-	193.3
1240	-	-	-	-	222.7
1250	-	-	-	-	203.3
1260	230	145	74	197.1	196.8
1270	-	-	-	-	203.9
1280	-	-	-	-	194.6
1290	-	-	-	-	169.4
1300	-	-	-	-	200.0
1310	-	-	-	-	196.4
1320	227	142	73	192.1	163.6
1330	-	-	-	-	198.2
1340	-	-	-	-	174.4
1350	-	-	-	-	111.5
1360	-	-	-	-	41.6
1370	-	-	-	-	37.2
1380	225	139	72	185.6	35.0
1390	-	-	-	-	26.5
1400	-	-	-	-	26.5
1410	-	-	-	-	26.5
1420	-	-	-	-	26.5
1430	-	-	-	-	24.9
1440	207	126	64	144.2	12.6
1450	-	-	-	-	12.6
1460	-	-	-	-	12.6
1470	-	-	-	-	12.6
1480	-	-	-	-	12.6
1490	-	-	-	-	12.6
1500	173	79	51	86.8	12.6
1510	-	-	-	-	12.6
1520	-	-	-	-	5.5
1530	-	-	-	-	5.5
1540	-	-	-	-	9.5
1550	-	-	-	-	10.5
1560	142	56	40	51.6	10.5
1570	-	-	-	-	10.5
1580	-	-	-	-	10.5
1620	120	45	29	32.8	0.
1680	102	35	22	22.0	0.
1740	90	29	17	15.8	0.
1800	80	27	15	11.9	0.
1860	73	22	13	9.5	0.
1920	67	19	11	7.8	0.
1980	62	17	10	6.4	0.
2040	58	17	9	5.4	0.
2100	55	15	8	4.6	0.
2160	52	15	7	4.1	0.
2220	49	13	6	3.6	0.
2280	47	13	6	3.2	0.
2340	45	12	6	2.9	0.
2400	43	11	5	2.6	0.
2460	41	11	4	2.3	0.
2520	40	10	4	2.2	0.
2580	39	10	4	2.0	0.
2640	37	10	4	2.2	0.

資料 3.162　流出量・降雨量および水路水位

DISCHARGE & R.I. 23 -4 -8, 531116, 2 -50 0 AREA=636.M**2 QMAX= 30.4MM/H 23 -4 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	3	1.0	34.9	540	85	29	23	14.4	0.												
10	26	7	4	0.8	34.9	550	84	28	23	14.2	0.												
20	26	7	4	1.0	34.9	560	82	28	22	13.4	0.												
30	26	7	4	1.2	34.9	570	81	27	21	13.0	0.												
40	26	7	5	1.1	34.9	580	81	27	21	13.1	0.												
50	27	7	5	1.2	34.9	590	79	26	21	12.5	0.												
60	27	8	6	1.3	35.3	600	78	26	21	12.0	0.												
70	27	8	7	1.5	36.4	660	74	24	17	10.5	0.												
80	27	8	8	1.8	36.4	720	69	22	14	8.6	0.												
90	27	9	10	2.2	36.4	780	65	20	13	7.5	0.												
100	28	11	12	3.1	36.2	840	61	18	11	6.5	0.												
110	29	12	14	3.9	37.0	900	58	17	10	5.7	0.												
120	31	15	17	5.0	38.6	960	56	16	9	5.0	0.												
130	33	17	19	6.3	38.6	1020	52	15	8	4.3	0.												
140	36	19	22	7.6	38.6	1080	51	14	8	4.1	0.												
150	39	21	24	9.0	37.6	1140	49	13	7	3.6	0.												
160	43	23	26	10.4	27.7	1200	47	13	7	3.3	0.												
170	48	25	28	12.5	27.7	1260	45	13	6	3.0	0.												
180	52	27	30	13.9	27.7	1320	43	12	6	2.8	0.												
190	57	29	32	15.3	27.7	1380	42	11	5	2.5	0.												
200	64	31	34	17.4	16.6	1440	40	11	5	2.2	0.												
210	68	33	35	18.8	16.9	1500	39	11	4	2.1	0.												
220	73	35	37	20.6	16.9	1560	38	10	4	2.0	0.												
230	78	37	38	22.0	16.9	1620	37	9	4	1.9	0.												
240	83	39	39	24.1	2.6	1680	36	9	4	2.1	0.												
250	87	41	40	25.8	2.6																		
260	92	42	40	27.5	2.6																		
270	95	43	39	28.7	2.6																		
280	99	44	39	29.7	2.6																		
290	102	44	39	30.6	2.6																		
300	104	44	38	31.1	2.6																		
310	106	44	37	31.7	2.6																		
320	107	44	37	31.3	2.6																		
330	108	44	37	31.5	2.6																		
340	108	43	36	30.9	2.6																		
350	108	42	35	30.4	2.6																		
360	108	42	34	29.5	2.6																		
370	107	41	34	28.4	2.6																		
380	107	41	33	27.7	0.																		
390	106	40	33	26.8	0.																		
400	104	39	32	25.3	0.																		
410	103	38	31	24.3	0.																		
420	102	37	31	23.4	0.																		
430	100	36	30	22.5	0.																		
440	98	35	29	21.2	0.																		
450	97	35	28	20.4	0.																		
460	95	34	27	19.4	0.																		
470	94	33	27	18.9	0.																		
480	93	33	26	18.0	0.																		
490	91	32	26	17.0	0.																		
500	90	31	25	16.4	0.																		
510	88	30	24	15.9	0.																		
520	87	30	24	15.4	0.																		
530	86	29	23	14.9	0.																		

資料 3.163　流出量・降雨量および水路水位

DISCHARGE & R.I.　23 -5 -8,　531116,　1 -50　0 AREA=636.M**2　QMAX= 50.7MM/H　23 -5 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	7	3	1.2	37.7	540	131	60	53	49.2	43.3	1080	132	59	54	49.6	48.5	1860	92	33	26	18.1	0.
10	29	7	3	0.7	37.7	550	131	60	53	49.2	42.1	1090	-	-	-	-	44.5	1920	86	29	21	15.1	0.
20	28	7	4	0.8	37.7	560	132	60	53	49.8	41.5	1100	-	-	-	-	42.8	1980	80	26	17	12.7	0.
30	28	7	4	0.8	37.7	570	132	60	53	49.8	41.5	1110	-	-	-	-	42.8	2040	75	24	18	10.7	0.
40	28	8	4	1.2	37.7	580	132	60	53	49.8	41.6	1120	-	-	-	-	40.8	2100	71	22	17	9.5	0.
50	28	8	6	1.5	37.4	590	132	60	53	49.7	42.1	1130	-	-	-	-	41.6	2160	67	20	13	8.5	0.
60	28	8	6	1.6	37.8	600	132	60	53	50.1	43.2	1140	132	60	54	50.0	42.3	2220	64	19	12	7.4	0.
70	29	9	7	2.0	39.8	610	132	59	53	50.1	43.5	1150	-	-	-	-	42.2	2280	61	18	10	6.6	0.
80	29	9	9	2.6	39.8	620	133	60	54	50.4	41.6	1160	-	-	-	-	42.5	2340	59	17	9	5.9	0.
90	30	11	10	3.0	40.1	630	133	60	54	50.6	41.2	1170	-	-	-	-	41.8	2400	56	16	8	5.1	0.
100	30	12	13	3.5	39.8	640	133	60	54	50.7	41.3	1180	-	-	-	-	41.2	2460	53	15	7	4.6	0.
110	32	14	15	4.4	39.5	650	133	60	54	50.6	42.1	1190	-	-	-	-	41.2	2520	51	15	6	4.1	0.
120	34	16	17	5.5	40.1	660	133	60	54	50.5	43.3	1200	133	60	54	50.5	41.2	2580	49	14	6	3.7	0.
130	36	18	20	7.1	40.1	670	133	60	54	50.8	43.4	1210	-	-	-	-	41.5	2640	47	13	6	3.9	0.
140	39	20	23	8.1	40.1	680	133	60	53	50.8	43.4	1220	-	-	-	-	42.4						
150	42	23	26	9.9	40.1	690	133	60	53	50.8	42.4	1230	-	-	-	-	42.6						
160	47	25	28	11.5	40.1	700	133	60	53	50.7	41.1	1240	-	-	-	-	43.1						
170	51	27	29	13.2	42.4	710	133	60	53	50.7	41.1	1250	-	-	-	-	43.6						
180	56	30	32	14.9	42.7	720	133	60	53	50.7	41.1	1260	133	60	54	50.4	44.0						
190	61	31	33	16.2	42.7	730	133	60	53	50.7	41.7	1270	-	-	-	-	44.0						
200	66	33	35	18.6	42.0	740	133	60	53	50.7	43.2	1280	-	-	-	-	44.0						
210	71	35	36	19.4	41.2	750	133	60	53	50.7	43.2	1290	-	-	-	-	44.7						
220	76	37	37	22.0	41.6	760	133	60	53	50.7	43.2	1300	-	-	-	-	45.8						
230	82	39	39	23.9	41.6	770	133	60	53	50.7	41.1	1310	-	-	-	-	45.8						
240	86	41	40	25.8	41.5	780	133	60	53	50.7	40.4	1320	133	60	54	50.4	46.1						
250	90	43	41	27.4	42.7	790	133	60	53	50.7	42.3	1330	-	-	-	-	45.1						
260	95	44	42	29.3	42.7	800	133	60	53	50.7	42.6	1340	-	-	-	-	46.3						
270	99	46	44	31.7	42.4	810	133	60	53	50.7	42.8	1350	-	-	-	-	46.3						
280	103	47	45	33.5	41.2	820	133	60	53	50.7	43.2	1360	-	-	-	-	46.4						
290	106	48	45	34.7	42.3	830	133	60	53	50.7	43.2	1370	-	-	-	-	44.9						
300	109	50	46	36.3	42.3	840	133	60	53	50.7	43.2	1380	133	61	55	50.8	44.0						
310	112	51	47	38.2	43.4	850	133	60	53	50.7	43.5	1390	-	-	-	-	44.0						
320	114	52	48	39.1	44.3	860	133	60	53	50.7	43.0	1400	-	-	-	-	43.2						
330	117	53	48	40.4	44.0	870	133	60	53	50.7	41.5	1410	-	-	-	-	43.8						
340	118	54	49	41.1	43.7	880	133	60	53	50.5	40.5	1420	-	-	-	-	44.3						
350	120	55	50	42.0	43.7	890	133	60	53	50.5	40.2	1430	-	-	-	-	44.3						
360	121	55	50	42.5	43.7	900	133	60	53	50.5	40.1	1440	133	60	54	51.0	44.1						
370	123	56	51	43.8	43.7	910	-	-	-	-	41.6	1450	-	-	-	-	43.9						
380	124	56	51	44.4	47.1	920	-	-	-	-	42.0	1460	-	-	-	-	43.9						
390	124	57	51	44.7	47.4	930	-	-	-	-	42.0	1470	-	-	-	-	43.9						
400	126	57	51	45.7	47.4	940	-	-	-	-	42.0	1480	-	-	-	-	43.1						
410	127	57	52	46.6	46.2	950	-	-	-	-	42.5	1490	-	-	-	-	43.6						
420	127	58	52	47.1	44.0	960	132	59	52	49.6	42.8	1500	133	60	54	50.6	45.3						
430	128	58	52	47.0	44.0	970	-	-	-	-	44.0	1510	-	-	-	-	45.5						
440	129	58	53	47.9	44.2	980	-	-	-	-	44.3	1520	-	-	-	-	45.9						
450	129	59	53	48.0	44.6	990	-	-	-	-	43.2	1530	-	-	-	-	45.7						
460	130	59	53	48.3	44.9	1000	-	-	-	-	42.9	1540	-	-	-	-	43.4						
470	130	59	53	48.3	45.2	1010	-	-	-	-	40.3	1550	-	-	-	-	43.4						
480	130	59	53	48.3	42.0	1020	132	59	52	49.5	39.7	1560	133	60	54	50.6	28.0						
490	130	59	53	48.5	41.9	1030	-	-	-	-	39.4	1570	-	-	-	-	13.3						
500	131	60	53	48.6	40.9	1040	-	-	-	-	39.1	1620	133	58	49	49.7	0.						
510	131	60	53	49.0	40.2	1050	-	-	-	-	39.0	1680	128	51	41	43.4	0.						
520	131	59	53	48.9	43.3	1060	-	-	-	-	44.3	1740	113	43	34	29.8	0.						
530	131	59	53	49.0	43.3	1070	-	-	-	-	46.8	1800	102	37	30	22.9	0.						

資料 3.164　流出量・降雨量および水路水位

DISCHARGE & R.I. 23 -6 -8, 531116, 1 -20 0 AREA=636.M**2 QMAX= 18.9MM/H 23 -6 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	2	1.1	30.5	540	81	29	26	15.7	21.4	1080	89	33	30	18.8	23.2	1620	81	26	19	13.1	1.7
10	27	7	2	1.1	30.5	550	82	29	27	16.0	21.4	1090	-	-	-	-	23.2	1630	-	-	-	-	1.7
20	27	7	3	1.1	30.5	560	82	29	27	16.3	21.4	1100	-	-	-	-	22.5	1640	-	-	-	-	1.7
30	27	7	3	1.1	30.5	570	83	29	27	16.4	21.4	1110	-	-	-	-	22.9	1650	-	-	-	-	1.7
40	27	7	3	1.1	29.9	580	83	30	27	16.4	21.4	1120	-	-	-	-	23.4	1660	-	-	-	-	1.7
50	27	7	4	1.1	29.5	590	84	30	27	16.6	21.5	1130	-	-	-	-	23.4	1670	-	-	-	-	1.7
60	27	7	4	1.1	29.5	600	84	30	27	16.7	21.9	1140	89	33	30	18.8	23.4	1680	75	23	16	10.6	1.7
70	27	7	5	1.2	29.5	610	84	30	27	16.7	22.3	1150	-	-	-	-	23.4	1690	-	-	-	-	1.7
80	27	8	6	1.3	30.0	620	84	30	28	16.8	22.3	1160	-	-	-	-	22.0	1700	-	-	-	-	1.7
90	28	8	7	1.5	30.0	630	84	30	28	16.8	22.3	1170	-	-	-	-	22.0	1710	-	-	-	-	1.7
100	28	9	8	1.8	30.0	640	85	31	28	16.9	22.3	1180	-	-	-	-	22.7	1720	-	-	-	-	1.7
110	28	9	9	2.0	32.9	650	85	31	28	17.1	22.2	1190	-	-	-	-	22.7	1730	-	-	-	-	1.7
120	29	10	9	2.2	32.2	660	85	31	28	17.1	22.1	1200	89	33	29	19.0	22.7	1740	69	21	14	8.5	1.7
130	30	11	12	2.7	32.2	670	85	31	28	17.0	20.1	1210	-	-	-	-	22.1	1800	65	19	13	7.3	0.
140	30	12	13	3.1	32.2	680	85	31	28	17.0	19.2	1220	-	-	-	-	22.1	1860	61	18	12	6.4	0.
150	31	12	14	3.6	31.4	690	85	31	28	17.0	19.2	1230	-	-	-	-	22.1	1920	58	17	11	5.5	0.
160	33	14	15	3.9	30.6	700	85	31	28	17.0	19.2	1240	-	-	-	-	22.1	1980	55	16	10	4.9	0.
170	34	15	16	4.4	30.8	710	86	31	28	17.4	22.9	1250	-	-	-	-	21.1	2040	52	15	9	4.4	0.
180	36	15	17	5.1	29.2	720	86	31	28	17.4	23.3	1260	90	33	29	19.1	21.7	2100	50	14	8	3.9	0.
190	37	16	17	5.5	28.2	730	86	31	28	17.4	23.3	1270	-	-	-	-	22.1	2160	48	13	7	3.5	0.
200	39	17	18	5.9	25.4	740	86	31	28	17.4	23.3	1280	-	-	-	-	22.1	2220	46	13	6	3.3	0.
210	41	18	19	6.3	25.4	750	86	32	28	17.5	22.3	1290	-	-	-	-	22.1	2280	45	12	6	3.0	0.
220	44	18	19	7.2	26.2	760	86	32	28	17.5	22.3	1300	-	-	-	-	22.1	2340	43	12	6	2.8	0.
230	45	19	20	7.5	27.6	770	86	32	29	17.4	23.7	1310	-	-	-	-	19.9	2400	42	11	5	2.5	0.
240	47	20	20	7.6	27.6	780	86	32	29	17.6	23.7	1320	90	33	30	19.1	19.9	2460	40	11	4	2.3	0.
250	50	21	21	8.1	28.6	790	86	32	29	17.7	23.0	1330	-	-	-	-	19.9	2520	39	10	4	2.1	0.
260	52	21	21	8.8	31.0	800	86	32	29	17.7	21.5	1340	-	-	-	-	22.3	2580	38	10	4	2.0	0.
270	53	22	21	9.1	29.9	810	87	32	29	17.9	21.5	1350	-	-	-	-	22.6	2640	37	10	4	2.2	0.
280	56	22	22	9.3	29.4	820	87	32	29	18.1	21.5	1360	-	-	-	-	22.8						
290	58	23	23	9.9	29.4	830	87	32	29	18.2	21.5	1370	-	-	-	-	23.4						
300	60	23	23	10.4	32.6	840	87	33	29	18.3	20.4	1380	90	33	30	19.3	23.4						
310	61	24	23	10.7	32.6	850	88	33	29	18.4	20.4	1390	-	-	-	-	23.4						
320	63	24	23	11.0	32.4	860	88	33	29	18.5	20.4	1400	-	-	-	-	18.7						
330	65	25	23	11.4	32.0	870	88	33	29	18.4	20.4	1410	-	-	-	-	15.5						
340	66	25	23	11.7	32.0	880	88	33	29	18.3	20.4	1420	-	-	-	-	10.2						
350	67	26	23	11.9	32.0	890	88	33	29	18.3	20.4	1430	-	-	-	-	10.2						
360	69	26	23	12.4	32.0	900	88	33	29	18.3	19.7	1440	90	33	30	19.3	7.7						
370	70	26	24	12.6	27.3	910	-	-	-	-	19.4	1450	-	-	-	-	7.7						
380	71	26	24	13.0	27.2	920	-	-	-	-	19.4	1460	-	-	-	-	7.7						
390	72	27	24	13.3	27.1	930	-	-	-	-	19.4	1470	-	-	-	-	7.7						
400	74	27	24	13.7	27.1	940	-	-	-	-	19.4	1480	-	-	-	-	7.7						
410	75	27	24	13.8	26.9	950	-	-	-	-	19.4	1490	-	-	-	-	7.7						
420	76	27	24	14.0	26.0	960	88	33	29	18.5	18.7	1500	89	33	29	18.3	7.7						
430	76	28	25	14.0	26.0	970	-	-	-	-	18.8	1510	-	-	-	-	7.7						
440	77	28	25	14.2	27.9	980	-	-	-	-	18.9	1520	-	-	-	-	1.7						
450	77	28	25	14.3	28.4	990	-	-	-	-	18.9	1530	-	-	-	-	1.7						
460	78	28	25	14.4	27.0	1000	-	-	-	-	18.9	1540	-	-	-	-	1.7						
470	78	28	25	14.7	24.2	1010	-	-	-	-	18.9	1550	-	-	-	-	1.7						
480	79	28	26	14.9	23.8	1020	89	33	30	18.6	22.3	1560	86	30	25	16.0	1.7						
490	79	29	26	15.0	22.9	1030	-	-	-	-	23.8	1570	-	-	-	-	1.7						
500	80	29	26	15.3	22.9	1040	-	-	-	-	23.8	1580	-	-	-	-	1.7						
510	81	29	26	15.4	22.9	1050	-	-	-	-	23.8	1590	-	-	-	-	1.7						
520	81	29	26	15.6	22.9	1060	-	-	-	-	23.6	1600	-	-	-	-	1.7						
530	81	29	26	15.4	22.9	1070	-	-	-	-	23.2	1610	-	-	-	-	1.7						

資料 3.165　流出量・降雨量および水路水位

DISCHARGE & R.I.　24 -1 -8,　531117,　2-100　0 AREA=636.M**2　QMAX= 50.9MM/H　　24 -1 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	6	1	2	0.0	0.
10	6	1	1	0.0	0.
20	6	1	1	0.2	0.
30	6	1	1	0.1	0.
40	6	1	1	0.2	0.
50	7	1	1	0.3	0.
60	7	1	1	0.5	0.
70	7	1	4	0.9	0.
80	7	2	8	1.2	0.
90	8	2	13	2.0	0.
100	9	2	17	2.9	0.
110	10	3	22	4.2	0.
120	13	6	26	6.4	0.
130	16	13	31	9.0	0.
140	21	19	34	11.9	0.
150	28	22	37	15.3	0.
160	38	25	39	18.4	0.
170	48	29	41	22.7	0.
180	59	33	43	26.7	0.
190	69	36	45	30.1	0.
200	82	45	47	34.8	0.
210	93	50	49	39.2	0.
220	103	52	51	43.2	0.
230	112	55	52	47.0	0.
240	119	56	52	49.5	0.
250	122	56	53	49.7	0.
260	128	56	52	52.6	0.
270	131	57	51	52.8	0.
280	132	56	50	53.1	0.
290	133	57	48	52.4	0.
300	133	56	48	51.2	0.
310	133	55	47	50.0	0.
320	133	54	45	49.2	0.
330	131	53	44	46.6	0.
340	130	51	42	45.4	0.
350	129	51	41	44.7	0.
360	125	55	40	43.2	0.
370	125	55	38	44.6	0.
380	127	55	37	48.8	0.
390	131	54	35	55.1	0.
400	136	54	33	61.8	0.
410	141	42	32	67.6	0.
420	148	42	29	67.8	0.
430	153	40	28	68.9	0.
440	155	39	26	66.2	0.
450	137	37	25	43.4	0.
460	125	35	23	28.7	0.
470	116	34	22	19.8	0.
480	110	34	21	19.8	0.
490	105	33	20	19.1	0.
500	101	32	19	18.9	0.
510	98	31	19	18.1	0.
520	96	30	18	17.8	0.
530	93	29	17	16.9	0.
540	91	29	17	16.2	0.
550	90	28	16	15.7	0.
560	88	27	16	15.3	0.
570	86	27	15	15.1	0.
580	85	26	15	14.5	0.
590	84	26	14	14.0	0.
600	84	24	14	13.9	0.
660	76	22	12	10.6	0.
720	70	19	10	8.6	0.
780	65	18	9	7.1	0.
840	60	16	8	5.8	0.
900	56	15	7	4.7	0.
960	53	14	6	4.2	0.
1020	50	13	6	3.5	0.
1080	46	12	5	2.9	0.
1140	44	11	5	2.6	0.
1200	42	11	4	2.3	0.
1260	39	11	4	2.1	0.
1320	39	9	3	2.1	0.
1380	37	9	3	1.8	0.
1440	36	9	3	1.6	0.
1500	34	9	3	1.4	0.
1560	33	9	2	1.3	0.
1620	32	8	2	1.3	0.
1680	32	8	2	1.3	0.
1740	31	7	2	1.2	0.
1800	30	7	2	1.3	0.

資料3.166　流出量・降雨量および水路水位

DISCHARGE & R.I. 24 -2 -8, 531117, 1-120 0 AREA=636.M**2 QMAX=121.1MM/H 24 -2 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	25	6	1	0.9	83.3
10	25	6	1	0.9	83.3
20	25	6	3	0.9	83.3
30	25	7	4	1.1	74.3
40	25	7	6	1.5	75.4
50	25	8	8	2.2	75.5
60	26	10	12	3.2	88.6
70	27	13	17	4.7	88.3
80	30	16	23	6.9	88.7
90	33	20	29	8.3	95.0
100	37	24	35	12.2	105.0
110	44	29	40	15.4	103.6
120	48	33	44	18.4	101.7
130	60	39	48	23.5	105.7
140	69	43	51	27.9	107.5
150	79	48	56	34.0	109.1
160	91	53	58	38.6	116.9
170	102	58	59	44.8	117.1
180	113	63	60	51.8	111.2
190	122	67	61	57.8	120.0
200	131	71	62	63.2	124.6
210	138	76	62	68.4	120.4
220	145	78	62	73.5	119.5
230	150	80	62	78.4	117.5
240	155	84	62	82.6	109.9
250	159	86	62	85.8	107.7
260	163	88	62	90.1	107.2
270	166	90	63	93.3	102.7
280	168	92	64	95.6	102.6
290	171	93	64	99.0	101.2
300	173	93	64	101.1	103.0
310	175	95	64	102.8	104.8
320	176	96	64	104.1	105.9
330	178	96	64	106.2	114.0
340	178	97	64	107.1	113.4
350	180	97	65	109.4	108.3
360	181	99	65	110.8	107.9
370	183	99	65	112.9	110.7
380	184	99	65	114.0	109.7
390	184	101	65	113.6	105.1
400	184	101	64	113.1	107.3
410	184	101	64	113.3	107.3
420	184	101	64	113.3	109.7
430	184	101	64	113.3	106.3
440	184	102	64	113.2	108.8
450	184	101	64	113.2	111.9
460	184	101	64	113.2	106.8
470	184	101	64	113.3	110.1
480	184	101	64	113.4	114.5
490	184	101	64	113.4	117.5
500	184	102	64	114.1	117.1
510	184	101	64	114.7	119.6
520	184	102	64	114.8	118.0
530	185	102	64	115.7	109.1
540	185	102	64	116.2	111.1
550	186	102	64	116.8	110.0
560	186	102	64	117.2	118.3
570	186	102	64	117.6	119.0
580	187	102	64	118.1	117.4
590	187	103	64	118.8	121.4
600	187	104	65	118.8	119.3
610	187	104	65	119.3	118.2
620	188	104	65	120.7	121.9
630	189	104	65	121.2	120.9
640	189	104	65	121.6	120.4
650	189	104	65	121.3	115.1
660	189	104	65	121.2	116.7
670	189	104	65	121.1	121.3
680	189	104	65	121.1	116.9
690	189	104	65	121.1	111.9
700	189	104	65	121.1	113.4
710	189	104	65	121.1	118.2
720	189	105	65	121.1	116.5
730	189	105	65	121.1	118.2
740	189	105	65	121.1	115.1
750	189	105	65	121.1	114.4
760	189	105	65	121.1	117.6
770	189	105	65	121.1	118.9
780	189	105	65	121.1	120.8
790	189	105	65	121.1	127.7
800	189	105	65	121.1	126.6
810	189	104	65	121.1	115.7
820	189	104	65	121.1	116.3
830	189	104	65	121.0	123.9
840	189	104	65	121.0	114.5
850	189	104	65	121.0	111.6
860	189	104	65	120.4	114.9
870	189	104	64	120.4	115.5
880	189	104	64	120.3	111.1
890	188	104	64	119.8	111.0
900	188	105	64	119.8	108.0
910	-	-	-	-	115.0
920	-	-	-	-	114.6
930	-	-	-	-	114.2
940	-	-	-	-	119.4
950	-	-	-	-	122.0
960	187	102	64	118.3	122.9
970	-	-	-	-	115.2
980	-	-	-	-	112.8
990	-	-	-	-	119.3
1000	-	-	-	-	117.1
1010	-	-	-	-	120.5
1020	187	102	63	117.2	119.0
1030	-	-	-	-	119.3
1040	-	-	-	-	116.4
1050	-	-	-	-	119.4
1060	-	-	-	-	122.5
1070	-	-	-	-	113.5
1080	184	101	62	114.0	96.7
1090	-	-	-	-	99.2
1100	-	-	-	-	114.8
1110	-	-	-	-	143.8
1120	-	-	-	-	136.8
1130	-	-	-	-	122.8
1140	186	102	64	116.5	121.9
1150	-	-	-	-	125.0
1160	-	-	-	-	128.0
1170	-	-	-	-	124.2
1180	-	-	-	-	113.9
1190	-	-	-	-	114.2
1200	187	104	64	118.2	105.4
1210	-	-	-	-	108.7
1220	-	-	-	-	216.7
1230	-	-	-	-	115.0
1240	-	-	-	-	84.7
1250	-	-	-	-	85.6
1260	186	102	63	117.0	86.9
1270	-	-	-	-	91.5
1280	-	-	-	-	113.3
1290	-	-	-	-	105.9
1300	-	-	-	-	104.5
1310	-	-	-	-	109.5
1320	186	103	64	116.6	111.7
1330	-	-	-	-	108.5
1340	-	-	-	-	106.3
1350	-	-	-	-	92.4
1360	-	-	-	-	73.8
1370	-	-	-	-	21.0
1380	186	101	64	114.4	13.8
1390	-	-	-	-	13.8
1400	-	-	-	-	13.8
1410	-	-	-	-	13.8
1420	-	-	-	-	13.8
1430	-	-	-	-	13.8
1440	171	82	57	89.0	13.8
1450	-	-	-	-	13.8
1460	-	-	-	-	13.8
1470	-	-	-	-	21.6
1480	-	-	-	-	33.2
1490	-	-	-	-	33.2
1500	147	65	45	58.0	20.2
1510	-	-	-	-	20.2
1520	-	-	-	-	20.2
1530	-	-	-	-	20.2
1540	-	-	-	-	13.8
1550	-	-	-	-	13.8
1560	127	49	35	39.6	13.8
1570	-	-	-	-	13.8
1580	-	-	-	-	13.8
1590	-	-	-	-	13.8
1600	-	-	-	-	9.7
1610	-	-	-	-	9.7
1620	112	40	29	28.7	9.7
1630	-	-	-	-	9.7
1640	-	-	-	-	9.7
1650	-	-	-	-	9.7
1660	-	-	-	-	9.7
1670	-	-	-	-	1.8
1680	101	35	25	22.3	1.8
1740	92	31	21	17.7	0.
1800	84	27	16	14.1	0.
1860	77	24	13	11.1	0.
1920	71	21	11	9.0	0.
1980	66	19	9	7.6	0.
2040	61	17	9	5.9	0.
2100	57	15	7	5.2	0.
2160	54	14	6	4.6	0.
2220	51	13	6	4.0	0.
2280	48	13	5	3.4	0.
2340	46	13	4	3.1	0.
2400	44	11	4	2.8	0.
2460	42	11	4	2.5	0.
2520	41	10	3	2.3	0.
2580	39	10	3	2.1	0.
2640	38	9	3	2.3	0.

資料 3.167　流出量・降雨量および水路水位

DISCHARGE & R.I.,　24 -3 -8,　531117,　1 -30　0 AREA=636.M**2　QMAX= 32.5MM/H　　24 -3 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	6	1	1.0	22.7	540	107	44	39	30.7	33.1	1080	112	46	40	32.6	32.7						
10	27	6	1	1.0	22.7	550	108	44	39	30.8	33.5	1090	-	-	-	-	32.4						
20	27	6	1	1.0	22.7	560	108	44	39	31.0	33.9	1100	-	-	-	-	32.2						
30	27	6	1	1.0	22.7	570	108	44	39	30.6	33.5	1110	-	-	-	-	32.3						
40	27	6	1	1.0	22.7	580	108	44	39	30.8	33.9	1120	-	-	-	-	32.4						
50	27	6	1	1.0	22.7	590	109	44	39	31.2	34.7	1130	-	-	-	-	32.4						
60	27	6	3	1.0	22.7	600	109	44	39	31.3	34.7	1140	112	46	39	32.6	32.4						
70	27	6	3	1.1	23.8	610	109	45	39	31.6	34.7	1150	-	-	-	-	32.4						
80	27	7	4	1.1	25.8	620	110	45	39	32.0	34.8	1160	-	-	-	-	32.3						
90	27	7	4	1.3	25.8	630	110	45	40	32.3	35.4	1170	-	-	-	-	31.8						
100	27	7	6	1.7	25.8	640	111	45	40	32.7	35.4	1180	-	-	-	-	31.9						
110	27	8	6	1.9	25.8	650	111	46	40	32.7	35.4	1190	-	-	-	-	33.5						
120	28	8	7	2.1	25.0	660	111	46	40	32.8	35.7	1200	111	45	39	32.4	33.9						
130	29	9	9	2.8	24.2	670	111	45	40	32.7	38.1	1210	-	-	-	-	33.9						
140	30	10	10	3.2	24.2	680	111	46	40	32.6	38.1	1220	-	-	-	-	33.8						
150	30	11	12	3.8	25.8	690	111	46	40	32.5	37.2	1230	-	-	-	-	32.7						
160	32	13	13	4.5	26.8	700	111	46	40	32.5	37.6	1240	-	-	-	-	32.2						
170	33	14	14	4.7	26.8	710	111	46	40	32.5	37.8	1250	-	-	-	-	32.2						
180	36	15	15	5.8	27.0	720	111	46	40	32.5	37.8	1260	111	44	39	32.2	32.2						
190	39	17	17	6.6	27.0	730	111	46	40	32.5	38.0	1270	-	-	-	-	32.2						
200	40	18	18	7.3	27.0	740	111	46	40	32.5	39.6	1280	-	-	-	-	15.7						
210	43	19	20	8.1	28.5	750	111	46	40	32.5	39.6	1290	-	-	-	-	15.7						
220	46	21	21	8.8	28.5	760	111	46	40	32.5	39.6	1300	-	-	-	-	6.4						
230	49	22	22	10.2	30.0	770	111	46	40	32.5	39.6	1310	-	-	-	-	6.4						
240	52	23	23	10.9	32.6	780	111	46	40	32.5	38.7	1320	111	44	39	31.8	6.4						
250	55	24	24	11.7	33.1	790	111	46	40	32.5	38.7	1330	-	-	-	-	6.4						
260	59	25	25	12.8	33.8	800	111	46	40	32.5	36.7	1340	-	-	-	-	6.4						
270	62	26	26	13.7	34.3	810	111	46	40	32.5	35.3	1350	-	-	-	-	6.4						
280	66	28	26	14.7	36.0	820	111	46	40	32.5	36.3	1360	-	-	-	-	6.4						
290	68	28	28	15.6	36.0	830	111	46	40	32.5	37.4	1380	108	41	32	28.7	0.						
300	72	29	29	16.6	35.6	840	111	46	40	32.5	39.1	1440	101	35	26	23.0	0.						
310	75	31	29	17.5	34.1	850	111	46	40	32.5	41.8	1500	92	31	22	17.8	0.						
320	78	31	30	18.8	32.4	860	111	46	40	32.5	40.8	1560	85	28	20	14.8	0.						
330	80	32	31	19.6	32.4	870	111	46	40	32.5	37.3	1620	79	24	17	11.9	0.						
340	83	33	31	20.4	32.4	880	111	46	40	32.6	26.0	1680	73	22	15	10.0	0.						
350	86	34	32	21.4	32.6	890	111	46	40	32.6	26.4	1740	69	20	12	8.6	0.						
360	88	35	32	22.4	32.7	900	111	46	40	32.6	26.8	1800	65	18	10	7.3	0.						
370	90	36	33	22.8	32.7	910	-	-	-	-	26.6	1860	61	17	9	6.1	0.						
380	92	37	34	23.9	32.7	920	-	-	-	-	26.6	1920	57	15	8	5.3	0.						
390	93	37	34	24.1	32.7	930	-	-	-	-	26.6	1980	54	14	7	4.6	0.						
400	95	38	34	25.0	32.0	940	-	-	-	-	26.6	2040	51	13	6	4.1	0.						
410	97	39	34	25.2	32.7	950	-	-	-	-	25.6	2100	49	13	5	3.5	0.						
420	98	39	35	26.4	32.7	960	112	45	40	33.0	25.2	2160	46	12	4	3.2	0.						
430	99	39	36	26.5	32.7	970	-	-	-	-	25.2	2220	45	12	4	2.9	0.						
440	100	39	36	27.0	32.7	980	-	-	-	-	25.2	2280	43	11	3	2.7	0.						
450	101	40	37	27.4	32.5	990	-	-	-	-	25.2	2340	42	10	3	2.4	0.						
460	102	40	37	27.9	32.5	1000	-	-	-	-	28.2	2400	40	10	3	2.1	0.						
470	103	41	37	28.1	32.5	1010	-	-	-	-	33.1	2460	39	10	3	2.2	0.						
480	104	42	37	28.8	32.5	1020	112	46	40	32.9	33.1	2520	38	10	3	1.9	0.						
490	104	42	38	28.9	32.3	1030	-	-	-	-	33.2	2580	36	9	2	1.8	0.						
500	105	42	39	29.2	32.5	1040	-	-	-	-	33.1	2640	36	9	2	2.1	0.						
510	105	43	39	29.4	33.3	1050	-	-	-	-	32.5												
520	106	43	39	29.8	33.3	1060	-	-	-	-	32.7												
530	106	44	39	29.9	33.3	1070	-	-	-	-	32.7												

資料 3.168　流出量・降雨量および水路水位

DISCHARGE & R.I. 24 -4 -8, 531117, 2-100 0 AREA=636.M**2 QMAX= 62.6MM/H 24 -4 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	7	1	1.1	51.6	540	96	32	18	19.7	12.0												
10	28	7	1	0.9	51.6	550	95	31	17	18.9	12.0												
20	28	7	2	1.1	51.6	560	93	30	17	17.8	12.0												
30	27	7	3	1.0	51.6	570	92	30	16	17.4	12.0												
40	27	7	3	1.1	52.7	580	90	29	16	16.8	12.0												
50	28	7	4	1.6	59.6	590	88	28	15	15.6	12.0												
60	27	8	6	2.0	62.5	600	87	27	15	15.3	9.8												
70	28	9	8	2.6	65.5	610	-	-	-	-	9.8												
80	29	10	11	3.8	71.8	620	-	-	-	-	9.8												
90	30	13	16	5.1	73.0	630	-	-	-	-	9.8												
100	32	15	21	6.6	77.9	640	-	-	-	-	8.0												
110	36	19	26	8.9	83.8	650	-	-	-	-	8.0												
120	39	23	31	11.5	87.0	660	79	25	13	11.9	8.0												
130	45	28	35	13.9	87.8	670	-	-	-	-	8.0												
140	52	32	39	17.1	85.6	720	74	21	11	10.0	0.												
150	60	35	41	21.0	85.5	780	68	19	9	8.1	0.												
160	67	39	45	24.6	85.7	840	64	18	8	6.9	0.												
170	76	44	48	28.6	87.8	900	59	16	8	5.7	0.												
180	85	48	52	33.0	87.9	960	56	15	8	5.0	0.												
190	95	53	56	38.4	80.4	1020	53	15	7	4.1	0.												
200	104	57	58	43.4	80.4	1080	49	13	5	3.6	0.												
210	113	61	58	48.3	52.1	1140	47	13	5	3.3	0.												
220	121	64	59	52.7	41.0	1200	45	12	5	3.0	0.												
230	127	67	59	56.4	37.0	1260	44	11	4	2.8	0.												
240	133	68	59	59.2	21.0	1320	42	11	4	2.4	0.												
250	137	68	58	61.2	21.0	1380	40	11	3	2.1	0.												
260	140	70	58	62.9	21.0	1440	39	9	3	2.1	0.												
270	142	70	57	63.3	24.8	1500	38	9	3	1.9	0.												
280	144	68	55	63.4	24.8	1560	37	9	2	1.8	0.												
290	145	68	53	63.0	24.8	1620	35	8	1	1.6	0.												
300	145	66	51	62.3	22.0	1680	34	8	1	1.6	0.												
310	144	64	50	60.3	10.8	1740	34	9	2	1.6	0.												
320	143	63	48	58.1	10.8	1800	33	8	1	1.7	0.												
330	141	61	47	55.9	8.0																		
340	140	59	45	53.7	8.0																		
350	137	58	44	51.3	8.0																		
360	136	56	42	49.5	8.0																		
370	133	54	40	46.3	8.0																		
380	131	52	39	44.6	8.0																		
390	129	51	38	42.2	8.0																		
400	126	49	36	39.4	8.0																		
410	124	48	34	37.8	8.0																		
420	121	46	32	35.9	8.0																		
430	119	45	31	34.1	8.0																		
440	117	43	29	32.3	8.0																		
450	114	42	28	30.3	8.0																		
460	112	41	28	29.3	8.0																		
470	110	39	26	27.2	8.0																		
480	108	38	25	26.2	8.0																		
490	105	37	23	24.6	8.0																		
500	103	35	22	23.7	8.0																		
510	102	34	20	22.6	8.0																		
520	100	33	19	21.3	8.0																		
530	99	33	18	21.0	9.2																		

資料 3.169　流出量・降雨量および水路水位

DISCHARGE & R.I.,　24 -5 -8,　531117,　2-120　0 AREA=636.M**2　QMAX= 76.2MM/H　　24 -5 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	5	1	0.4	59.3	540	100	35	23	22.3	0.												
10	18	4	0	0.1	59.3	550	99	34	22	21.4	0.												
20	18	4	0	0.3	59.3	560	97	34	21	20.6	0.												
30	18	5	1	0.4	55.9	570	96	33	20	19.8	0.												
40	18	6	1	0.8	53.6	580	94	32	19	19.0	0.												
50	18	6	2	1.0	60.7	590	93	31	18	18.4	0.												
60	19	7	4	1.3	67.4	600	91	31	18	17.6	0.												
70	19	8	7	2.1	83.8	660	84	27	15	14.0	0.												
80	20	8	9	2.9	89.9	720	77	24	13	11.2	0.												
90	21	10	14	4.0	105.9	780	71	21	11	9.3	0.												
100	23	13	18	5.5	104.6	840	67	19	9	7.7	0.												
110	26	17	24	8.1	102.7	900	61	17	8	6.1	0.												
120	30	21	30	10.4	98.0	960	57	16	7	5.2	0.												
130	35	26	35	13.4	98.7	1020	54	15	6	4.5	0.												
140	43	32	40	17.0	98.1	1080	51	14	6	4.0	0.												
150	51	37	45	21.2	100.6	1140	49	13	5	3.6	0.												
160	61	42	49	26.1	104.7	1200	47	12	4	3.1	0.												
170	71	47	54	30.5	105.0	1260	44	11	4	2.7	0.												
180	84	53	58	36.8	105.5	1320	42	11	4	2.5	0.												
190	96	58	60	43.3	104.4	1380	41	10	3	2.3	0.												
200	108	63	60	50.2	81.1	1440	39	10	3	2.1	0.												
210	119	68	61	56.1	70.4	1500	38	9	3	2.0	0.												
220	129	72	61	62.3	34.6	1560	37	9	3	1.8	0.												
230	136	74	62	67.4	32.7	1620	35	9	2	1.6	0.												
240	142	78	62	71.0	32.7	1680	35	9	2	1.7	0.												
250	148	79	62	74.0	23.9	1740	34	9	2	1.5	0.												
260	152	79	61	76.6	18.0	1800	33	8	2	1.6	0.												
270	155	80	60	78.3	18.0																		
280	156	78	59	77.6	19.7																		
290	156	77	58	76.1	22.1																		
300	157	76	55	75.4	22.1																		
310	156	72	54	73.4	22.1																		
320	154	70	52	70.2	22.1																		
330	152	67	49	66.8	22.4																		
340	149	65	48	62.5	22.4																		
350	146	63	46	59.1	22.4																		
360	143	60	44	54.9	22.4																		
370	140	59	42	52.1	19.7																		
380	137	57	40	49.3	17.0																		
390	134	54	39	45.9	10.7																		
400	131	53	38	43.4	10.7																		
410	128	50	37	40.9	10.7																		
420	125	48	35	38.2	10.7																		
430	122	47	34	36.1	10.7																		
440	120	46	33	34.4	2.5																		
450	117	44	32	32.8	2.5																		
460	115	43	31	30.6	2.5																		
470	113	42	29	29.8	2.5																		
480	111	41	29	28.3	2.5																		
490	108	40	28	27.1	0.																		
500	107	39	27	26.2	0.																		
510	105	38	27	24.8	0.																		
520	104	37	26	24.4	0.																		
530	102	36	24	23.3	0.																		

資料 3.170　流出量・降雨量および水路水位

DISCHARGE & R.I., 24 -6 -8, 531117, 1-150 0 AREA=636.M**2 QMAX=143.3MM/H 24 -6 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	1	1.0	80.4
10	27	7	1	1.2	80.4
20	27	7	2	1.4	80.4
30	27	8	4	1.7	94.1
40	27	8	6	2.2	113.6
50	28	10	10	3.1	162.9
60	29	12	17	5.0	141.4
70	31	15	23	7.1	133.8
80	34	20	33	9.3	139.0
90	39	26	39	13.5	141.8
100	46	33	45	18.0	155.1
110	53	39	51	22.9	147.2
120	65	46	56	28.9	144.3
130	77	53	59	35.7	154.5
140	92	59	61	44.3	151.1
150	105	67	62	52.0	154.8
160	120	74	63	61.8	154.3
170	132	79	64	71.0	141.1
180	143	84	64	78.8	137.5
190	152	88	65	86.9	142.0
200	161	94	65	94.6	134.0
210	167	96	65	100.4	142.1
220	173	99	65	106.8	146.3
230	177	102	66	111.1	147.2
240	181	105	67	116.2	144.2
250	185	106	66	121.8	138.0
260	187	108	66	123.8	136.5
270	190	110	66	128.1	137.5
280	193	111	66	130.6	137.9
290	194	114	66	132.9	138.7
300	196	114	67	134.8	137.4
310	197	115	67	135.8	140.7
320	198	115	67	137.1	152.7
330	198	115	67	137.7	150.6
340	199	115	67	138.0	139.3
350	199	115	67	138.3	135.2
360	199	115	67	138.1	144.5
370	199	115	67	138.5	153.3
380	199	116	67	138.4	154.7
390	199	116	67	138.4	153.5
400	199	116	67	138.3	153.1
410	199	116	67	138.3	153.5
420	199	116	67	138.3	155.7
430	199	116	67	138.3	138.6
440	199	116	67	138.3	143.5
450	199	116	67	138.3	144.6
460	199	115	67	138.3	134.6
470	199	115	67	138.3	143.1
480	199	115	67	138.3	146.9
490	199	115	67	138.3	144.7
500	199	115	67	138.3	135.9
510	199	115	67	138.3	136.1
520	199	115	67	138.3	135.6
530	199	115	67	138.3	129.6
540	199	116	67	138.3	120.6
550	199	117	67	138.3	120.6
560	199	116	67	138.3	131.8
570	199	115	67	138.3	136.7
580	199	115	67	138.3	131.0
590	199	115	67	138.3	124.4
600	199	115	67	138.5	120.8
610	199	115	67	138.6	121.4
620	199	115	67	138.7	131.9
630	200	116	67	140.1	134.9
640	200	116	67	140.6	132.7
650	200	117	67	141.1	127.1
660	201	117	67	142.7	125.9
670	201	117	67	142.6	129.4
680	201	117	67	142.0	132.8
690	202	117	67	142.9	125.1
700	202	117	67	142.9	114.2
710	202	117	67	143.0	127.4
720	202	117	67	143.4	130.5
730	202	117	67	143.4	132.3
740	202	117	67	143.4	129.3
750	202	117	67	143.3	132.7
760	202	117	67	143.3	124.2
770	202	117	67	143.3	127.0
780	202	117	67	143.2	146.2
790	202	117	67	143.2	143.9
800	202	117	67	143.2	138.9
810	202	117	67	142.6	183.4
820	202	117	67	142.6	128.5
830	202	117	67	142.6	118.9
840	202	117	67	142.7	127.3
850	202	117	67	142.8	130.0
860	202	117	67	142.8	132.4
870	202	117	67	142.8	130.4
880	202	117	67	143.4	127.9
890	202	117	67	143.4	131.7
900	202	117	67	143.4	135.3
910	-	-	-	-	134.4
920	-	-	-	-	130.2
930	-	-	-	-	131.2
940	-	-	-	-	130.5
950	-	-	-	-	136.3
960	202	117	68	143.9	135.7
970	-	-	-	-	120.6
980	-	-	-	-	123.8
990	-	-	-	-	138.6
1000	-	-	-	-	137.1
1010	-	-	-	-	132.7
1020	202	118	67	143.7	132.2
1030	-	-	-	-	126.9
1040	-	-	-	-	133.5
1050	-	-	-	-	143.8
1060	-	-	-	-	130.6
1070	-	-	-	-	129.0
1080	201	115	67	141.7	129.2
1090	-	-	-	-	125.4
1100	-	-	-	-	128.7
1110	-	-	-	-	132.1
1120	-	-	-	-	145.7
1130	-	-	-	-	152.0
1140	199	115	66	138.0	157.0
1150	-	-	-	-	151.9
1160	-	-	-	-	160.0
1170	-	-	-	-	148.8
1180	-	-	-	-	138.4
1190	-	-	-	-	133.1
1200	199	115	67	139.3	132.8
1210	-	-	-	-	153.2
1220	-	-	-	-	146.7
1230	-	-	-	-	139.4
1240	-	-	-	-	150.7
1250	-	-	-	-	153.4
1260	202	117	67	143.7	146.8
1270	-	-	-	-	135.0
1280	-	-	-	-	103.1
1290	-	-	-	-	99.9
1300	-	-	-	-	97.8
1310	-	-	-	-	142.5
1320	202	118	67	143.9	147.8
1330	-	-	-	-	140.7
1340	-	-	-	-	147.2
1350	-	-	-	-	151.6
1360	-	-	-	-	146.8
1370	-	-	-	-	148.3
1380	202	118	67	143.8	134.3
1390	-	-	-	-	129.0
1400	-	-	-	-	128.1
1410	-	-	-	-	134.6
1420	-	-	-	-	132.7
1430	-	-	-	-	136.4
1440	202	116	67	143.8	136.8
1450	-	-	-	-	138.1
1460	-	-	-	-	142.5
1470	-	-	-	-	145.0
1480	-	-	-	-	145.4
1490	-	-	-	-	109.3
1500	202	115	66	141.5	40.9
1510	-	-	-	-	40.2
1520	-	-	-	-	34.1
1530	-	-	-	-	34.1
1540	-	-	-	-	34.1
1550	-	-	-	-	31.0
1560	187	96	59	112.2	28.9
1570	-	-	-	-	28.9
1580	-	-	-	-	28.9
1590	-	-	-	-	28.9
1600	-	-	-	-	17.5
1610	-	-	-	-	20.0
1620	160	72	50	72.8	21.6
1630	-	-	-	-	21.6
1640	-	-	-	-	21.6
1650	-	-	-	-	21.6
1660	-	-	-	-	21.6
1670	-	-	-	-	21.6
1680	137	57	37	47.6	12.5
1690	-	-	-	-	12.5
1700	-	-	-	-	12.6
1710	-	-	-	-	12.6
1720	-	-	-	-	12.6
1730	-	-	-	-	12.6
1740	118	67	26	32.7	12.6
1750	-	-	-	-	12.6
1760	-	-	-	-	12.6
1770	-	-	-	-	12.6
1780	-	-	-	-	12.6
1790	-	-	-	-	8.0
1800	104	35	19	23.5	6.8
1810	-	-	-	-	6.8
1820	-	-	-	-	6.8
1830	-	-	-	-	6.8
1840	-	-	-	-	6.8
1850	-	-	-	-	6.8
1860	92	30	16	17.2	6.8
1870	-	-	-	-	6.8
1880	-	-	-	-	6.8
1890	-	-	-	-	6.8
1900	-	-	-	-	6.8
1910	-	-	-	-	6.8
1920	83	26	13	13.3	6.8
1930	-	-	-	-	6.8
1940	-	-	-	-	6.8
1950	-	-	-	-	6.8
1980	76	22	11	10.6	0.
2040	70	20	9	8.4	0.
2100	64	18	8	7.0	0.
2160	60	17	7	6.0	0.
2220	57	15	6	5.0	0.
2280	53	15	6	4.3	0.
2340	51	14	5	4.1	0.
2400	48	13	4	3.5	0.
2460	46	13	4	3.2	0.
2520	45	12	4	2.9	0.
2580	42	11	3	2.5	0.
2640	41	11	3	2.9	0.

資料 3.171　流出量・降雨量および水路水位

DISCHARGE & R.I.,　24 -7 -8,　531117,　2-150　0 AREA=636.M**2　QMAX=110.6MM/H　　24 -7 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	8	1	1.3	78.0
10	29	8	2	1.1	78.0
20	29	8	3	1.3	78.0
30	29	8	4	1.7	95.6
40	29	9	7	2.5	113.1
50	30	10	11	3.5	157.0
60	31	12	16	5.0	163.3
70	33	16	24	7.4	150.0
80	36	21	34	10.2	152.4
90	41	27	43	14.3	143.7
100	48	35	48	19.0	138.8
110	56	42	54	24.4	150.0
120	69	49	58	31.8	154.5
130	82	57	60	38.9	146.6
140	96	64	61	47.7	145.6
150	112	71	62	57.4	143.0
160	125	77	63	66.5	130.3
170	138	82	63	76.0	129.8
180	148	88	64	84.1	138.5
190	157	92	64	91.8	139.7
200	165	95	64	98.4	109.0
210	170	99	64	103.4	92.4
220	175	101	64	108.1	70.7
230	178	101	64	110.3	40.0
240	181	101	64	112.2	40.0
250	182	100	63	112.0	40.0
260	182	99	62	109.9	18.8
270	182	95	61	107.9	18.5
280	180	93	60	103.9	18.5
290	177	90	60	99.1	18.2
300	175	88	59	94.8	15.2
310	171	84	57	88.0	15.2
320	167	80	54	82.5	15.2
330	163	77	51	76.7	15.2
340	159	72	49	72.0	34.0
350	155	69	47	67.1	2.7
360	151	66	46	62.9	2.7
370	147	63	44	58.4	2.7
380	144	61	42	54.6	2.7
390	140	57	41	51.3	2.7
400	137	55	39	48.2	2.7
410	133	53	38	44.8	2.7
420	131	51	36	42.4	2.7
430	128	49	34	40.2	2.7
440	124	48	33	36.8	0.
450	121	47	32	34.9	0.
460	119	45	31	32.9	0.
470	116	43	30	31.0	0.
480	113	42	29	29.3	0.
490	111	40	28	27.8	0.
500	108	40	28	26.4	0.
510	106	38	27	24.8	0.
520	104	37	26	24.0	0.
530	102	36	27	23.0	0.
540	100	36	26	22.0	0.
550	99	35	26	21.2	0.
560	97	35	24	20.3	0.
570	95	33	22	19.4	0.
580	94	33	21	18.9	0.
590	93	32	20	18.3	0.
600	92	31	19	17.7	0.
660	83	27	15	13.3	0.
720	75	23	13	10.5	0.
780	70	21	11	8.7	0.
840	65	19	9	6.9	0.
900	60	17	8	5.9	0.
960	56	16	8	5.0	0.
1020	53	15	7	4.4	0.
1080	50	13	6	3.8	0.
1140	48	12	5	3.3	0.
1200	45	12	5	2.9	0.
1260	43	11	4	2.6	0.
1320	41	11	4	2.4	0.
1380	40	11	4	2.2	0.
1440	39	10	3	2.1	0.
1500	38	10	3	2.0	0.
1560	37	9	3	1.8	0.
1620	35	9	3	1.6	0.
1680	34	9	2	1.5	0.
1740	33	9	2	1.3	0.
1800	32	9	2	1.6	0.

資料 3.172　流出量・降雨量および水路水位

DISCHARGE & R.I. 24 -8 -8, 531117, 1 -70 0 AREA=636.M**2 QMAX= 77.1MM/H 24 -8 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	1	1.0	42.1	540	156	80	61	75.8	69.8	1080	156	78	60	75.1	74.5						
10	27	7	2	1.0	42.1	550	157	80	61	76.6	70.2	1090	-	-	-	-	74.6						
20	27	7	2	1.1	42.1	560	157	80	61	77.1	74.4	1100	-	-	-	-	77.8						
30	27	7	3	1.2	42.1	570	158	80	61	77.6	74.0	1110	-	-	-	-	72.2						
40	27	8	5	1.5	42.1	580	158	80	61	77.4	70.1	1120	-	-	-	-	30.8						
50	27	8	5	1.7	46.0	590	158	80	61	77.7	69.7	1130	-	-	-	-	30.8						
60	28	9	6	2.1	51.9	600	158	80	61	77.5	72.2	1140	155	76	58	72.8	30.8						
70	29	10	9	2.9	51.9	610	158	80	61	77.5	75.9	1200	146	64	47	59.5	0.						
80	29	11	12	3.7	52.0	620	158	80	61	77.4	75.7	1260	130	53	38	43.0	0.						
90	30	13	15	4.6	54.0	630	158	80	60	77.4	71.9	1320	114	43	31	30.6	0.						
100	33	15	18	5.8	54.8	640	158	80	60	77.4	71.6	1380	102	37	27	23.3	0.						
110	35	19	22	6.7	62.0	650	158	80	60	77.3	64.6	1440	93	33	22	18.6	0.						
120	38	21	26	9.3	62.6	660	158	80	60	77.3	67.3	1500	86	29	17	15.4	0.						
130	42	24	30	11.7	66.2	670	158	80	60	77.3	70.4	1560	81	26	15	13.2	0.						
140	45	28	34	13.2	67.3	680	158	80	60	77.0	70.4	1620	76	24	12	11.1	0.						
150	53	32	36	16.4	63.4	690	158	80	60	77.0	71.2	1680	71	21	9	9.9	0.						
160	61	35	39	19.9	62.9	700	158	80	60	77.0	80.0	1740	70	19	9	9.2	0.						
170	67	39	42	23.6	64.5	710	158	80	60	77.1	83.3	1800	63	18	7	6.5	0.						
180	75	42	44	26.2	71.2	720	158	80	60	77.1	80.8	1860	60	17	6	6.0	0.						
190	83	46	45	29.2	70.7	730	158	80	60	77.1	81.4	1920	56	16	6	5.1	0.						
200	91	48	47	33.4	68.7	740	158	80	60	77.1	79.1	1980	53	15	6	4.5	0.						
210	99	51	49	37.1	66.9	750	158	80	60	77.1	76.8	2040	51	15	4	4.1	0.						
220	105	54	51	40.2	64.2	760	158	80	60	77.1	74.9	2100	49	13	4	3.5	0.						
230	112	56	52	44.0	63.9	770	158	80	60	77.0	77.0	2160	46	13	4	3.2	0.						
240	117	58	54	46.5	69.6	780	158	80	60	76.9	79.7	2220	45	12	3	3.0	0.						
250	122	60	56	49.7	78.5	790	158	80	60	76.8	78.2	2280	43	12	3	2.7	0.						
260	126	61	57	51.5	80.1	800	157	78	60	76.3	76.6	2340	42	11	3	2.5	0.						
270	130	64	57	54.1	86.5	810	157	78	60	75.9	76.6	2400	40	11	3	2.2	0.						
280	133	66	58	55.7	84.5	820	157	78	60	75.5	77.5	2460	39	10	3	2.2	0.						
290	135	67	58	57.8	71.3	830	156	78	60	75.2	76.2	2520	38	10	2	2.1	0.						
300	138	71	59	59.7	71.0	840	156	78	60	75.2	74.8	2580	37	10	2	1.9	0.						
310	140	70	59	61.1	72.5	850	156	78	60	75.3	74.8	2640	36	9	2	2.1	0.						
320	143	70	59	63.8	74.0	860	156	78	60	75.4	78.5												
330	144	72	59	65.4	73.2	870	156	78	60	75.1	78.5												
340	146	74	59	66.4	71.8	880	156	78	60	75.1	77.0												
350	148	75	59	68.0	73.6	890	156	78	60	75.1	72.0												
360	149	75	59	69.1	72.7	900	156	79	60	75.2	68.1												
370	150	76	60	70.0	72.6	910	-	-	-	-	67.9												
380	151	76	60	70.9	67.0	920	-	-	-	-	67.4												
390	152	77	60	72.0	64.2	930	-	-	-	-	67.9												
400	153	77	60	72.5	64.2	940	-	-	-	-	68.4												
410	153	78	60	72.6	65.5	950	-	-	-	-	69.2												
420	154	78	60	73.9	73.6	960	156	79	60	75.2	68.7												
430	154	78	60	74.1	77.3	970	-	-	-	-	65.2												
440	155	78	60	74.4	74.8	980	-	-	-	-	71.6												
450	155	78	60	74.4	74.3	990	-	-	-	-	73.3												
460	155	78	60	74.3	68.2	1000	-	-	-	-	71.6												
470	155	79	60	74.6	63.7	1010	-	-	-	-	72.3												
480	155	79	60	74.5	66.6	1020	156	79	60	75.2	70.9												
490	155	79	60	74.5	67.4	1030	-	-	-	-	66.9												
500	155	79	60	74.4	67.4	1040	-	-	-	-	66.9												
510	155	79	60	74.6	70.7	1050	-	-	-	-	73.4												
520	155	79	60	74.8	73.4	1060	-	-	-	-	77.1												
530	155	80	60	74.9	71.3	1070	-	-	-	-	72.3												

資料 3.173　流出量・降雨量および水路水位

DISCHARGE & R.I.　24 -9 -8,　531117,　1 -40　0 AREA=636.M**2　QMAX= 42.5MM/H　24 -9 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	1	1.0	28.7	540	123	55	46	42.0	44.5	1080	124	55	46	42.5	47.2						
10	27	7	1	1.0	28.7	550	123	55	46	42.0	44.0	1090	-	-	-	-	48.0						
20	27	7	1	1.0	28.7	560	123	54	46	42.0	42.0	1100	-	-	-	-	48.2						
30	27	7	1	1.0	28.7	570	123	55	46	42.3	44.6	1110	-	-	-	-	48.2						
40	27	7	1	1.0	28.7	580	123	54	46	42.2	54.7	1120	-	-	-	-	44.9						
50	27	7	2	1.0	28.7	590	124	55	46	42.5	54.8	1130	-	-	-	-	44.0						
60	27	8	2	1.2	29.8	600	124	56	45	42.4	48.1	1140	124	54	46	42.5	44.0						
70	27	8	3	1.3	32.3	610	124	54	45	42.4	48.9	1150	-	-	-	-	43.5						
80	27	8	4	1.6	32.3	620	124	55	45	42.3	48.9	1160	-	-	-	-	43.4						
90	27	9	4	1.9	32.3	630	124	55	45	42.3	49.7	1170	-	-	-	-	45.6						
100	28	10	6	2.2	32.3	640	124	55	45	42.3	50.3	1180	-	-	-	-	46.9						
110	29	10	9	2.9	33.0	650	124	55	46	42.3	50.3	1190	-	-	-	-	46.7						
120	30	12	11	3.3	33.0	660	124	55	46	42.3	48.7	1200	124	55	47	42.6	48.3						
130	30	13	12	3.9	34.8	670	124	55	46	42.3	47.2	1210	-	-	-	-	48.9						
140	32	15	14	4.8	37.6	680	124	55	46	42.4	47.3	1220	-	-	-	-	48.9						
150	34	17	16	5.6	44.0	690	124	55	46	42.4	47.3	1230	-	-	-	-	48.4						
160	36	18	17	6.4	44.3	700	124	55	46	42.4	48.2	1240	-	-	-	-	46.2						
170	39	20	20	8.2	44.3	710	124	55	46	42.6	51.3	1250	-	-	-	-	30.6						
180	42	22	22	8.8	42.9	720	124	55	47	42.6	51.3	1260	125	55	47	42.6	30.6						
190	45	24	23	10.6	44.0	730	124	55	47	42.6	51.3	1270	-	-	-	-	14.0						
200	51	25	25	11.6	44.0	740	124	55	47	42.5	48.5	1320	121	49	39	37.7	0.						
210	53	27	27	12.9	46.0	750	124	55	47	42.5	47.9	1380	110	41	31	28.4	0.						
220	59	30	28	14.9	48.0	760	124	55	47	42.5	47.2	1440	99	35	26	21.3	0.						
230	62	31	29	15.2	50.8	770	124	55	47	42.5	46.5	1500	90	30	22	17.4	0.						
240	67	33	31	17.6	45.7	780	124	55	47	42.5	47.5	1560	86	27	18	15.0	0.						
250	71	34	31	18.5	45.7	790	124	55	47	42.5	49.7	1620	76	24	15	10.5	0.						
260	76	35	33	20.6	45.7	800	124	55	47	42.5	45.8	1680	71	22	13	9.0	0.						
270	80	37	34	21.9	44.3	810	124	55	47	42.5	45.3	1740	66	20	11	7.8	0.						
280	84	39	35	23.2	49.3	820	124	55	47	42.5	46.2	1800	62	17	9	6.5	0.						
290	88	40	37	25.4	49.5	830	124	55	47	42.5	46.8	1860	59	17	7	5.7	0.						
300	92	41	37	26.7	49.4	840	124	55	46	42.5	52.9	1920	56	16	6	5.1	0.						
310	95	43	39	28.2	44.3	850	124	55	46	42.5	54.9	1980	53	15	6	4.6	0.						
320	98	44	40	29.4	44.3	860	124	55	46	42.5	54.5	2040	51	15	5	4.3	0.						
330	101	45	40	30.7	44.3	870	124	55	46	42.5	53.8	2100	49	14	4	3.8	0.						
340	104	47	40	32.4	45.8	880	124	55	46	42.5	53.8	2160	48	13	4	3.5	0.						
350	106	47	40	33.1	48.3	890	124	55	47	42.5	52.9	2220	45	13	3	3.1	0.						
360	108	48	42	34.0	48.5	900	124	55	47	42.5	59.7	2280	44	12	3	2.9	0.						
370	111	48	42	35.4	47.7	910	-	-	-	-	59.2	2340	43	12	3	2.7	0.						
380	112	48	42	35.8	46.4	920	-	-	-	-	48.3	2400	42	11	3	2.5	0.						
390	113	49	43	36.7	45.2	930	-	-	-	-	46.5	2460	40	11	3	2.2	0.						
400	114	50	43	36.7	45.2	940	-	-	-	-	46.6	2520	39	10	2	2.2	0.						
410	116	50	43	37.6	43.0	950	-	-	-	-	46.7	2580	38	10	2	2.0	0.						
420	117	51	45	38.1	44.6	960	124	54	47	42.5	48.3	2640	36	10	2	2.1	0.						
430	117	51	45	38.7	47.0	970	-	-	-	-	47.3												
440	118	51	45	39.0	47.0	980	-	-	-	-	47.3												
450	119	53	45	39.4	49.1	990	-	-	-	-	46.5												
460	120	53	45	40.3	45.6	1000	-	-	-	-	46.2												
470	120	53	45	40.1	45.6	1010	-	-	-	-	45.7												
480	121	53	45	40.6	44.9	1020	124	55	47	42.5	46.8												
490	121	54	45	40.7	44.2	1030	-	-	-	-	49.3												
500	121	54	45	41.1	45.9	1040	-	-	-	-	49.3												
510	122	54	45	41.4	45.2	1050	-	-	-	-	52.3												
520	122	54	45	41.9	46.2	1060	-	-	-	-	50.2												
530	123	54	45	42.1	46.0	1070	-	-	-	-	50.2												

資料 3.174　流出量・降雨量および水路水位

DISCHARGE & R.I, 25 -1 -8, 531118, 2 -50 0 AREA=636.M**2 QMAX= 18.5MM/H 25 -1 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	18	2	-3	0.4	36.0	540	77	25	18	11.6	0.												
10	18	2	-3	0.1	36.0	550	76	24	17	11.3	0.												
20	18	2	-3	0.1	36.0	560	75	24	17	11.1	0.												
30	18	2	-3	0.2	36.0	570	75	24	17	10.7	0.												
40	18	2	-3	0.2	36.0	580	74	24	16	10.3	0.												
50	18	2	-3	0.3	37.0	590	73	23	16	10.0	0.												
60	18	2	-3	0.3	39.6	600	72	23	16	9.6	0.												
70	17	2	-3	0.3	41.9	660	67	21	13	8.1	0.												
80	17	2	-3	0.3	41.9	720	64	18	11	7.0	0.												
90	17	2	-3	0.3	42.9	780	60	17	10	5.9	0.												
100	17	3	-3	0.4	42.5	840	56	15	9	5.1	0.												
110	17	4	7	0.4	42.1	900	53	15	9	4.5	0.												
120	17	4	9	0.5	42.2	960	51	14	9	4.2	0.												
130	17	5	13	0.8	41.5	1020	50	14	9	3.7	0.												
140	18	6	14	1.3	42.6	1080	46	13	8	3.1	0.												
150	18	7	17	1.9	44.4	1140	45	12	7	2.9	0.												
160	19	10	19	2.8	44.9	1200	43	12	6	2.6	0.												
170	20	11	22	3.9	45.7	1260	41	11	6	2.4	0.												
180	22	14	24	5.1	42.3	1320	39	10	6	2.0	0.												
190	25	17	26	6.4	41.9	1380	38	10	6	1.9	0.												
200	29	20	28	8.1	31.8	1440	37	10	6	1.8	0.												
210	33	23	30	9.4	30.7	1500	36	9	5	1.8	0.												
220	37	25	30	11.3	5.9	1560	35	9	5	1.6	0.												
230	43	28	31	12.7	5.9	1620	34	9	4	1.4	0.												
240	48	30	31	14.3	5.9	1680	33	9	4	1.4	0.												
250	55	31	31	15.9	5.9	1740	32	8	4	1.2	0.												
260	60	32	31	16.7	5.9	1800	31	8	4	1.4	0.												
270	66	33	30	18.3	5.9																		
280	70	33	29	18.7	5.9																		
290	75	34	29	19.9	5.9																		
300	78	34	29	19.8	0.																		
310	81	34	28	20.1	0.																		
320	84	34	27	20.2	0.																		
330	86	34	27	20.3	0.																		
340	87	34	27	19.9	0.																		
350	88	34	26	19.4	0.																		
360	88	33	26	19.0	0.																		
370	89	33	25	18.7	0.																		
380	89	33	25	18.4	0.																		
390	88	32	24	17.9	0.																		
400	88	31	24	17.3	0.																		
410	87	31	23	16.7	0.																		
420	87	30	23	16.3	0.																		
430	86	29	22	15.9	0.																		
440	85	29	22	15.2	0.																		
450	84	28	22	14.8	0.																		
460	83	28	21	14.4	0.																		
470	83	28	21	14.1	0.																		
480	82	27	21	13.5	0.																		
490	81	27	21	13.3	0.																		
500	80	26	20	12.6	0.																		
510	79	26	20	12.4	0.																		
520	78	26	19	12.1	0.																		
530	77	25	19	11.7	0.																		

資料 3.175 流出量・降雨量および水路水位

DISCHARGE & R.I.,　25 -2 -8,　531118,　1=100　0 AREA=636.M**2　QMAX= 96.5MM/H　　25 -2 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	7	4	1.1	56.1
10	28	7	5	0.6	56.1
20	27	7	5	0.7	56.1
30	27	8	6	0.7	56.1
40	27	8	7	0.8	57.6
50	27	8	8	1.0	68.0
60	27	9	9	1.3	77.3
70	27	10	12	1.6	82.3
80	27	11	15	2.1	87.3
90	28	14	18	3.0	86.3
100	29	17	24	4.1	90.8
110	30	21	29	5.3	92.4
120	33	25	34	7.1	94.1
130	37	29	38	9.7	96.4
140	40	34	41	12.3	98.6
150	45	38	44	14.6	97.0
160	53	41	47	17.9	97.0
170	62	46	49	22.1	96.4
180	69	50	51	26.2	93.6
190	78	54	54	29.9	101.1
200	88	57	56	34.1	96.3
210	99	60	58	40.2	91.4
220	107	64	59	44.5	94.7
230	114	66	60	48.3	98.7
240	121	69	60	51.9	94.8
250	127	71	61	55.2	92.9
260	132	74	61	59.2	94.2
270	136	76	62	62.2	99.1
280	141	78	62	66.0	97.6
290	145	80	62	69.7	96.1
300	149	81	62	72.4	98.3
310	152	83	62	75.6	98.3
320	154	84	62	77.8	96.0
330	155	86	62	78.2	95.3
340	158	87	62	81.7	92.9
350	161	88	63	83.9	92.0
360	161	88	63	85.3	90.9
370	164	89	63	87.3	90.6
380	165	90	64	88.2	92.5
390	166	90	63	90.2	93.9
400	167	90	63	90.6	91.8
410	168	90	63	91.8	92.1
420	169	91	63	92.7	97.0
430	169	91	63	93.3	96.3
440	170	91	63	94.4	90.6
450	171	91	63	94.6	90.7
460	171	91	63	94.4	99.4
470	171	91	63	94.6	100.0
480	171	91	64	94.6	97.3
490	171	91	64	94.6	106.8
500	171	92	64	95.0	115.7
510	171	92	64	95.4	82.1
520	171	92	64	95.6	84.2
530	171	92	64	95.6	90.5
540	171	92	64	95.5	96.6
550	172	92	64	96.4	98.5
560	172	92	63	96.8	101.1
570	172	91	63	96.7	103.0
580	172	91	66	96.5	102.2
590	172	91	63	96.4	97.3
600	172	91	63	95.8	93.0
610	172	91	63	95.8	95.4
620	172	91	64	95.7	95.8
630	171	91	64	94.9	96.4
640	171	91	64	94.9	96.6
650	171	91	64	94.5	96.5
660	171	91	64	94.7	96.8
670	171	91	64	94.7	95.9
680	171	91	64	94.8	96.4
690	171	91	63	94.8	98.1
700	171	91	63	94.8	98.3
710	171	91	63	94.8	94.0
720	171	91	63	94.8	93.2
730	171	91	63	94.8	92.0
740	171	91	63	94.8	91.4
750	171	91	64	94.8	91.9
760	171	91	64	94.6	96.1
770	171	91	64	94.6	99.9
780	171	90	64	94.6	105.0
790	171	90	64	93.7	107.1
800	171	91	64	93.7	99.8
810	171	91	64	93.7	98.1
820	171	91	64	93.9	102.9
830	171	91	63	93.9	103.3
840	171	91	64	93.9	99.4
850	171	91	63	93.9	96.2
860	171	90	64	93.9	95.2
870	171	90	64	93.9	97.0
880	171	90	64	94.0	97.0
890	171	90	63	94.0	92.5
900	171	90	63	94.0	88.8
910	-	-	-	-	90.4
920	-	-	-	-	99.7
930	-	-	-	-	98.2
940	-	-	-	-	96.6
950	-	-	-	-	99.9
960	171	90	64	94.2	100.1
970	-	-	-	-	97.8
980	-	-	-	-	98.1
990	-	-	-	-	103.7
1000	-	-	-	-	105.3
1010	-	-	-	-	96.0
1020	170	90	63	92.5	93.3
1030	-	-	-	-	93.5
1040	-	-	-	-	93.3
1050	-	-	-	-	97.7
1060	-	-	-	-	98.2
1070	-	-	-	-	106.2
1080	170	91	64	93.2	101.0
1090	-	-	-	-	97.3
1100	-	-	-	-	98.9
1110	-	-	-	-	97.2
1120	-	-	-	-	93.9
1130	-	-	-	-	92.0
1140	171	92	64	94.6	94.8
1150	-	-	-	-	97.4
1160	-	-	-	-	97.7
1170	-	-	-	-	101.9
1180	-	-	-	-	115.2
1190	-	-	-	-	114.3
1200	172	91	64	95.6	86.9
1210	-	-	-	-	84.1
1220	-	-	-	-	88.9
1230	-	-	-	-	80.0
1240	-	-	-	-	23.6
1250	-	-	-	-	9.5
1260	171	82	63	92.9	9.5
1270	-	-	-	-	9.5
1280	-	-	-	-	9.5
1290	-	-	-	-	9.5
1300	-	-	-	-	9.5
1310	-	-	-	-	9.5
1320	165	80	58	82.9	9.5
1330	-	-	-	-	3.1
1340	-	-	-	-	3.1
1350	-	-	-	-	3.1
1360	-	-	-	-	3.1
1370	-	-	-	-	3.1
1380	148	63	47	59.4	3.1
1390	-	-	-	-	3.1
1400	-	-	-	-	3.1
1410	-	-	-	-	3.1
1420	-	-	-	-	3.1
1440	124	49	38	36.5	0.
1500	107	39	29	25.3	0.
1560	98	32	25	21.1	0.
1620	90	30	21	16.4	0.
1680	81	25	17	12.7	0.
1740	75	23	16	10.7	0.
1800	70	21	14	8.5	0.
1860	64	19	12	6.8	0.
1920	60	17	12	5.6	0.
1980	55	16	11	4.7	0.
2040	52	14	10	4.2	0.
2100	50	13	10	3.5	0.
2160	46	13	10	3.0	0.
2220	45	12	11	3.0	0.
2280	44	12	10	2.7	0.
2340	41	11	10	2.1	0.
2400	39	10	9	2.0	0.
2460	38	10	9	2.0	0.
2520	37	10	9	1.8	0.
2580	36	9	9	1.7	0.
2640	35	9	9	1.6	0.
2700	34	9	9	1.4	0.
2760	33	9	10	1.3	0.
2820	32	8	10	1.2	0.
2880	31	8	10	1.1	0.
2940	30	8	10	1.2	0.
3000	30	8	10	1.2	0.
3060	29	7	9	1.1	0.
3120	29	7	10	1.0	0.
3180	28	7	10	0.8	0.
3240	27	7	10	1.0	0.

資料 3.176　流出量・降雨量および水路水位

DISCHARGE & R.I, 25 -3 -8, 531118, 2=200 0 AREA=636.M**2 QMAX=163.9MM/H 25 -3 -8

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	7	13	1.0	70.5	540	103	37	36	23.2	21.4												
10	27	7	12	1.0	70.5	550	101	36	35	22.2	21.4												
20	27	7	13	1.2	70.5	560	99	35	35	21.4	0.												
30	27	8	13	1.6	70.5	570	97	35	34	20.4	0.												
40	27	9	16	2.3	143.2	580	96	34	33	20.0	0.												
50	28	11	21	3.8	175.3	590	95	33	32	19.1	0.												
60	29	13	27	5.6	195.9	600	93	33	31	18.5	0.												
70	31	18	38	8.7	174.8	660	85	28	27	14.2	0.												
80	35	25	51	13.3	155.2	720	78	24	24	11.4	0.												
90	41	34	54	18.5	149.0	780	72	21	22	9.3	0.												
100	51	42	53	25.4	153.5	840	66	19	21	7.3	0.												
110	65	53	53	33.9	163.5	900	61	17	21	6.1	0.												
120	80	62	53	42.9	159.7	960	57	17	19	5.2	0.												
130	99	73	53	54.5	161.7	1020	54	15	18	4.2	0.												
140	118	79	53	67.9	158.6	1080	50	14	17	3.6	0.												
150	135	87	53	80.7	155.4	1140	48	13	17	3.4	0.												
160	150	94	53	94.0	157.1	1200	45	13	17	3.0	0.												
170	163	102	53	106.1	161.1	1260	44	12	16	2.7	0.												
180	174	106	53	117.0	175.2	1320	42	12	16	2.4	0.												
190	182	112	53	126.2	180.3	1380	40	11	16	2.3	0.												
200	190	116	53	135.5	204.7	1440	39	11	16	2.0	0.												
210	196	121	53	143.8	194.8	1500	38	11	15	1.9	0.												
220	201	126	54	151.1	201.3	1560	36	11	15	1.8	0.												
230	206	130	53	158.1	94.1	1620	35	10	15	1.7	0.												
240	210	133	53	163.1	37.4	1680	35	10	15	1.6	0.												
250	212	132	53	165.2	30.5	1740	34	9	15	1.5	0.												
260	213	129	53	164.7	30.5	1800	33	10	16	1.7	0.												
270	213	126	53	162.3	30.7																		
280	212	123	53	157.0	31.2																		
290	209	117	54	150.3	31.2																		
300	205	112	53	141.1	30.0																		
310	200	107	53	130.3	27.2																		
320	194	101	54	119.7	27.2																		
330	188	94	54	109.7	27.2																		
340	182	88	54	100.5	22.0																		
350	177	84	54	92.3	19.8																		
360	170	79	54	83.1	19.8																		
370	165	75	54	76.1	19.8																		
380	160	71	54	70.3	20.6																		
390	155	67	52	64.2	23.9																		
400	149	64	50	58.0	23.5																		
410	145	60	49	54.2	21.6																		
420	140	58	47	48.7	21.6																		
430	135	55	45	44.9	21.6																		
440	131	51	44	41.6	21.6																		
450	127	49	43	38.8	22.7																		
460	124	48	42	35.8	24.3																		
470	121	46	40	33.7	24.3																		
480	118	44	39	31.8	25.1																		
490	114	43	38	29.5	21.4																		
500	112	41	38	28.2	21.4																		
510	109	40	37	26.6	21.4																		
520	107	38	37	25.2	21.4																		
530	105	38	36	23.9	21.4																		

資料 3.177　流出量・降雨量および水路水位

DISCHARGE & R.I.,　26 -1 -9,　531120,　2 -50　0 AREA=636.M**2　QMAX= 19.9MM/H　　26 -1 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	10	2	-7	0.1	37.8	540	69	21	0	8.8	0.												
10	9	2	-7	-0.1	37.8	550	68	21	0	8.5	0.												
20	9	2	-7	0.1	37.8	560	68	21	-1	8.2	0.												
30	9	2	-8	-0.0	37.8	570	67	21	-1	8.1	0.												
40	9	2	-8	0.1	37.8	580	66	21	-2	7.9	0.												
50	10	2	-7	0.3	37.8	590	66	20	-2	7.7	0.												
60	9	2	-8	0.5	39.2	600	65	20	-2	7.5	0.												
70	9	2	-5	-0.1	40.6	660	62	18	-3	6.5	0.												
80	10	2	-4	-0.2	40.6	720	58	17	-2	5.5	0.												
90	10	2	-3	0.1	41.5	780	55	15	-3	4.7	0.												
100	9	2	-3	0.4	38.0	840	52	15	-6	4.2	0.												
110	9	2	-3	0.5	33.6	900	50	14	-6	3.9	0.												
120	9	3	-2	0.8	33.6	960	48	14	-6	3.6	0.												
130	10	6	0	1.8	33.3	1020	46	14	-7	3.1	0.												
140	11	6	1	2.7	33.2	1080	44	12	-7	2.9	0.												
150	12	8	4	3.6	35.2	1140	43	12	-7	2.7	0.												
160	14	9	6	4.7	36.6	1200	41	11	-6	2.4	0.												
170	17	12	8	6.6	37.7	1260	40	11	-7	2.3	0.												
180	21	16	10	8.8	37.8	1320	39	11	-8	2.2	0.												
190	25	21	12	10.9	21.2	1380	38	11	-8	2.1	0.												
200	32	23	13	13.5	4.5	1440	37	10	-8	1.8	0.												
210	39	26	14	15.6	4.5	1500	36	10	-7	1.6	0.												
220	47	28	16	17.9	4.5	1560	34	9	-7	1.4	0.												
230	57	30	15	20.2	4.5	1620	33	9	-8	1.4	0.												
240	63	31	14	21.1	4.5	1680	33	8	-8	1.2	0.												
250	71	32	14	22.4	4.5	1740	31	8	-8	1.0	0.												
260	78	33	12	23.1	4.5	1800	30	8	-7	1.3	0.												
270	82	35	11	23.5	4.5																		
280	86	35	11	23.5	4.5																		
290	88	34	10	22.5	4.5																		
300	90	33	9	22.3	4.5																		
310	91	32	9	21.3	4.5																		
320	91	33	8	20.0	4.5																		
330	91	31	9	19.5	4.5																		
340	90	30	7	18.3	4.5																		
350	89	30	7	17.3	4.5																		
360	89	29	7	16.8	4.5																		
370	88	28	7	15.9	0.																		
380	86	28	6	14.8	0.																		
390	85	27	3	14.1	0.																		
400	84	27	4	13.7	0.																		
410	82	25	3	13.2	0.																		
420	81	25	3	12.4	0.																		
430	80	25	2	11.9	0.																		
440	78	24	2	11.5	0.																		
450	77	24	2	11.0	0.																		
460	76	24	2	10.8	0.																		
470	75	23	1	10.5	0.																		
480	74	23	1	10.3	0.																		
490	73	23	1	10.0	0.																		
500	73	22	1	9.8	0.																		
510	71	23	0	9.2	0.																		
520	71	22	0	9.1	0.																		
530	70	22	0	8.9	0.																		

資料 3.178　流出量・降雨量および水路水位

DISCHARGE & R.I. 26 -2 -9, 531120, 1=200 0 AREA=636.M**2 QMAX=200.4MM/H 26 -2 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	21	5	-7	0.6	90.4
10	21	5	-7	0.9	90.4
20	21	5	-5	1.3	90.4
30	21	6	-2	1.9	113.7
40	22	6	0	3.1	148.6
50	23	7	7	6.0	180.3
60	26	12	15	10.2	210.1
70	30	19	31	16.2	164.1
80	39	32	42	24.7	154.9
90	52	40	50	34.2	177.4
100	71	58	51	45.5	183.8
110	96	69	52	60.3	172.2
120	122	80	53	78.5	165.9
130	144	87	53	97.3	174.3
140	162	92	53	113.6	175.8
150	176	94	53	127.1	185.5
160	189	102	53	140.6	203.2
170	197	106	53	150.8	187.6
180	203	109	53	158.2	180.9
190	208	112	53	164.8	167.4
200	213	114	53	172.6	164.2
210	218	117	54	179.6	161.0
220	221	118	55	185.3	161.7
230	224	119	55	190.0	158.4
240	226	120	55	193.9	197.3
250	227	120	55	195.5	180.4
260	228	121	56	197.4	202.5
270	230	121	56	200.4	176.5
280	232	121	56	204.9	188.6
290	232	121	56	204.5	216.1
300	233	122	57	205.9	215.3
310	233	122	57	205.1	187.2
320	233	122	57	203.9	183.4
330	232	122	57	202.1	187.3
340	232	122	57	201.3	172.1
350	230	122	57	198.0	179.1
360	230	122	57	197.5	182.8
370	230	122	57	196.9	202.5
380	230	122	58	197.1	212.4
390	230	122	58	197.1	193.5
400	230	122	55	197.3	215.8
410	229	122	55	195.3	201.2
420	228	122	56	194.8	161.0
430	229	122	56	195.6	178.0
440	229	122	56	196.7	224.8
450	229	122	57	197.7	195.5
460	230	122	57	198.9	213.0
470	230	122	58	199.5	190.2
480	231	122	59	200.8	200.2
490	231	122	59	200.6	216.8
500	231	122	59	200.5	181.4
510	231	122	58	200.3	199.6
520	231	122	58	200.2	176.4
530	231	122	58	200.2	194.5
540	231	122	58	200.1	185.5
550	231	123	58	199.3	182.6
560	231	124	58	199.2	164.2
570	230	126	58	198.4	170.4
580	230	128	58	197.9	190.5
590	229	129	58	196.6	188.4
600	229	131	58	196.2	176.3
610	229	131	58	197.2	152.5
620	230	132	59	198.3	164.0
630	230	132	59	199.9	246.2
640	231	133	60	201.0	197.4
650	232	133	60	202.1	174.7
660	232	134	61	203.1	164.2
670	232	134	61	201.4	158.6
680	231	134	61	199.7	165.7
690	230	135	61	198.1	174.7
700	230	131	61	197.5	151.7
710	230	131	61	196.9	157.1
720	229	132	61	196.3	155.3
730	229	132	61	195.5	151.2
740	229	131	61	194.7	146.5
750	228	130	61	193.9	139.7
760	228	130	61	192.7	157.9
770	227	129	61	191.0	158.5
780	226	129	61	189.9	141.1
790	226	129	61	190.9	123.8
800	227	129	61	192.6	142.8
810	228	130	61	194.3	166.0
820	228	130	61	194.9	162.3
830	228	130	61	195.5	159.2
840	229	131	61	196.1	148.0
850	229	131	61	196.8	155.8
860	229	131	61	197.5	148.3
870	230	132	61	198.2	139.9
880	230	132	61	198.5	151.0
890	230	133	61	199.1	183.5
900	231	134	61	199.8	187.5
910	-	-	-	-	165.4
920	-	-	-	-	155.9
930	-	-	-	-	159.1
940	-	-	-	-	159.4
950	-	-	-	-	169.9
960	230	132	59	198.8	164.8
970	-	-	-	-	176.7
980	-	-	-	-	164.0
990	-	-	-	-	161.6
1000	-	-	-	-	170.0
1010	-	-	-	-	175.3
1020	229	132	57	196.8	155.0
1030	-	-	-	-	154.3
1040	-	-	-	-	161.6
1050	-	-	-	-	164.5
1060	-	-	-	-	150.6
1070	-	-	-	-	153.6
1080	230	131	59	197.6	161.5
1090	-	-	-	-	152.3
1100	-	-	-	-	152.9
1110	-	-	-	-	161.2
1120	-	-	-	-	161.6
1130	-	-	-	-	162.3
1140	230	132	59	197.6	163.1
1150	-	-	-	-	153.4
1160	-	-	-	-	174.5
1170	-	-	-	-	181.3
1180	-	-	-	-	190.2
1190	-	-	-	-	185.5
1200	230	132	58	197.7	166.0
1210	-	-	-	-	150.7
1220	-	-	-	-	159.5
1230	-	-	-	-	169.7
1240	-	-	-	-	197.4
1250	-	-	-	-	153.6
1260	231	133	59	199.6	146.8
1270	-	-	-	-	141.2
1280	-	-	-	-	144.3
1290	-	-	-	-	144.4
1300	-	-	-	-	175.6
1310	-	-	-	-	164.1
1320	229	132	58	196.4	160.6
1330	-	-	-	-	160.6
1340	-	-	-	-	152.0
1350	-	-	-	-	136.9
1360	-	-	-	-	132.4
1370	-	-	-	-	108.0
1380	227	126	55	188.0	56.7
1390	-	-	-	-	29.3
1400	-	-	-	-	28.5
1410	-	-	-	-	21.7
1420	-	-	-	-	21.7
1430	-	-	-	-	21.7
1440	198	91	36	124.9	21.7
1450	-	-	-	-	21.7
1460	-	-	-	-	21.4
1470	-	-	-	-	18.9
1480	-	-	-	-	18.9
1490	-	-	-	-	18.9
1500	157	63	22	65.5	19.5
1510	-	-	-	-	20.5
1520	-	-	-	-	20.5
1530	-	-	-	-	20.5
1540	-	-	-	-	20.5
1550	-	-	-	-	13.3
1560	124	42	14	33.9	16.7
1570	-	-	-	-	19.0
1580	-	-	-	-	19.0
1590	-	-	-	-	19.0
1600	-	-	-	-	12.6
1610	-	-	-	-	12.6
1620	102	34	9	21.2	12.6
1630	-	-	-	-	12.6
1640	-	-	-	-	12.6
1680	90	29	6	16.4	0.
1740	82	26	2	12.8	0.
1800	75	25	0	10.0	0.
1860	68	24	0	7.9	0.
1920	63	24	-1	6.4	0.
1980	59	24	-1	5.6	0.
2040	55	24	-2	4.7	0.
2100	52	24	-3	4.0	0.
2160	49	24	-4	3.4	0.
2220	46	24	-4	3.0	0.
2280	44	24	-4	2.7	0.
2340	42	24	-4	2.3	0.
2400	40	24	-4	2.2	0.
2460	39	24	-5	2.1	0.
2520	37	24	-5	1.8	0.
2580	36	24	-5	1.8	0.
2640	35	24	-5	1.9	0.

資料 3.179　流出量・降雨量および水路水位

DISCHARGE & R.I,　26 -3 -9,　531120,　2 -50　0 AREA=636.M**2　QMAX= 33.9MM/H　26 -3 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	8	1	1.0	35.5	540	75	25	13	11.0	0.												
10	27	8	0	0.5	35.5	550	74	24	13	10.7	0.												
20	26	8	1	0.6	35.5	560	73	24	12	10.6	0.												
30	26	8	1	0.6	35.5	570	73	23	12	10.1	0.												
40	26	8	2	0.9	35.5	580	72	23	14	9.8	0.												
50	26	8	3	1.5	36.2	590	73	23	14	10.2	0.												
60	26	9	3	2.1	36.5	600	70	23	14	9.2	0.												
70	27	10	4	2.6	41.9	660	67	21	13	8.2	0.												
80	28	11	6	3.6	41.9	720	63	19	11	7.1	0.												
90	30	12	7	4.5	42.5	780	60	19	10	6.3	0.												
100	31	14	9	5.4	42.5	840	58	17	11	5.6	0.												
110	34	16	11	7.3	40.6	900	55	16	11	4.9	0.												
120	37	18	14	8.9	40.6	960	52	16	10	4.1	0.												
130	40	21	16	11.0	40.2	1020	49	15	10	3.7	0.												
140	46	24	19	13.3	40.1	1080	48	14	10	3.5	0.												
150	52	26	22	16.0	41.4	1140	46	14	11	3.2	0.												
160	58	29	23	18.7	42.2	1200	44	13	11	2.9	0.												
170	66	32	24	21.1	43.0	1260	43	13	12	2.7	0.												
180	73	34	25	23.8	43.0	1320	42	13	12	2.6	0.												
190	80	36	27	26.5	42.3	1380	41	12	12	2.3	0.												
200	86	39	28	27.9	25.7	1440	39	11	12	2.0	0.												
210	93	41	29	30.7	14.3	1500	38	11	12	1.9	0.												
220	98	42	29	32.5	14.3	1560	36	11	13	1.6	0.												
230	102	44	29	33.8	0.	1620	34	10	14	1.4	0.												
240	106	45	29	34.9	0.	1680	34	10	14	1.5	0.												
250	109	46	27	35.5	0.	1740	33	10	14	1.3	0.												
260	111	46	26	36.0	0.	1800	32	10	15	1.5	0.												
270	113	46	25	35.3	0.																		
280	113	46	24	34.3	0.																		
290	113	44	23	33.4	0.																		
300	112	44	22	31.8	0.																		
310	111	42	21	30.2	0.																		
320	110	41	19	28.5	0.																		
330	108	40	19	26.8	0.																		
340	105	38	18	24.7	0.																		
350	104	37	18	23.4	0.																		
360	102	36	17	22.1	0.																		
370	99	34	17	20.9	0.																		
380	97	34	16	19.5	0.																		
390	95	33	16	18.5	0.																		
400	93	32	15	17.7	0.																		
410	92	31	16	17.0	0.																		
420	89	30	15	15.7	0.																		
430	89	29	15	15.6	0.																		
440	86	29	14	14.4	0.																		
450	85	28	14	14.0	0.																		
460	83	27	14	13.2	0.																		
470	82	27	14	13.0	0.																		
480	81	26	14	12.5	0.																		
490	80	26	13	12.1	0.																		
500	78	26	14	11.9	0.																		
510	77	26	13	11.4	0.																		
520	76	25	13	11.2	0.																		
530	76	24	13	11.3	0.																		

資料3.180　流出量・降雨量および水路水位

DISCHARGE & R,I, 26 -4 -9, 531120, 2 -70 0 AREA=636.M**2 QMAX= 54.7MM/H 26 -4 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	18	7	-43	0.4	38.9	540	87	29	-43	15.5	0.												
10	18	7	-43	0.4	38.9	550	86	29	-43	15.1	0.												
20	17	6	-43	0.5	38.9	560	85	28	-43	14.5	0.												
30	17	6	-43	0.4	38.9	570	84	28	-43	14.4	0.												
40	18	6	-43	0.4	38.9	580	83	27	-43	13.9	0.												
50	18	6	-43	0.8	38.9	590	82	27	-43	13.5	0.												
60	18	6	-43	0.8	54.3	600	81	26	-43	13.0	0.												
70	18	7	-43	1.0	56.1	660	75	24	-43	10.9	0.												
80	18	7	-43	1.5	58.0	720	71	22	-43	9.4	0.												
90	18	8	-43	2.2	60.6	780	67	21	-43	8.0	0.												
100	20	11	-43	3.3	58.1	840	63	19	-43	6.9	0.												
110	21	14	-43	4.7	58.5	900	60	18	-43	6.0	0.												
120	24	17	-43	6.9	61.6	960	56	17	-43	4.9	0.												
130	27	22	-43	9.7	57.2	1020	53	16	-43	4.2	0.												
140	32	26	-43	12.9	62.1	1080	50	15	-43	3.7	0.												
150	38	30	-43	16.2	64.8	1140	48	14	-43	3.3	0.												
160	48	34	-43	20.7	67.6	1200	45	14	-43	2.9	0.												
170	58	39	-43	25.3	68.1	1260	43	13	-43	2.5	0.												
180	69	44	-43	29.8	71.2	1320	41	13	-43	2.8	0.												
190	81	48	-43	34.4	72.9																		
200	93	51	-43	39.7	73.1																		
210	103	54	-43	44.4	73.5																		
220	113	57	-43	48.7	39.4																		
230	120	59	-43	52.0	15.4																		
240	126	61	-43	54.5	15.4																		
250	131	62	-43	55.9	0.																		
260	134	63	-43	56.5	0.																		
270	136	63	-43	56.6	0.																		
280	137	61	-43	56.3	0.																		
290	137	60	-43	54.8	0.																		
300	137	58	-43	52.7	0.																		
310	136	56	-43	50.9	0.																		
320	134	54	-43	48.3	0.																		
330	132	52	-43	45.3	0.																		
340	129	49	-43	42.3	0.																		
350	126	48	-43	39.4	0.																		
360	123	46	-43	37.0	0.																		
370	121	44	-43	34.6	0.																		
380	118	43	-43	32.2	0.																		
390	115	41	-43	30.4	0.																		
400	112	40	-43	28.3	0.																		
410	110	38	-43	26.9	0.																		
420	108	38	-43	25.8	0.																		
430	105	36	-43	24.0	0.																		
440	103	36	-43	23.0	0.																		
450	102	34	-43	22.5	0.																		
460	99	34	-43	21.2	0.																		
470	98	33	-43	20.5	0.																		
480	96	33	-43	19.7	0.																		
490	94	33	-43	18.4	0.																		
500	93	32	-43	18.3	0.																		
510	92	31	-43	17.3	0.																		
520	90	30	-43	17.0	0.																		
530	89	30	-43	16.0	0.																		

資料 3.181　流出量・降雨量および水路水位

DISCHARGE & R.I.　26 -5 -9,　531120,　1=100　0 AREA=636.M**2　QMAX=100.3MM/H　26 -5 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	39	12	-43	2.4	223.4
10	39	12	-43	3.3	223.4
20	39	14	-43	4.1	73.5
30	39	15	-43	4.8	81.6
40	41	17	-43	6.7	84.3
50	43	20	-43	9.6	91.1
60	46	25	-43	12.8	102.4
70	52	29	-43	16.2	100.7
80	60	35	-43	21.2	99.1
90	68	41	-43	26.7	98.3
100	77	42	-43	31.7	97.3
110	90	50	-43	38.0	96.8
120	102	55	-43	45.1	99.0
130	112	59	-43	51.3	95.4
140	122	63	-43	56.8	94.6
150	130	66	-43	62.2	97.7
160	137	69	-43	67.2	98.9
170	143	71	-43	71.4	94.4
180	148	74	-43	74.3	95.0
190	153	75	-43	78.1	95.3
200	156	77	-43	80.8	95.4
210	158	78	-43	83.2	94.0
220	160	78	-43	84.3	91.7
230	163	79	-43	86.8	101.4
240	165	80	-43	89.4	98.3
250	166	81	-43	89.9	92.8
260	167	82	-43	90.7	93.2
270	168	83	-43	92.2	93.9
280	169	83	-43	93.7	92.4
290	170	84	-43	94.8	91.3
300	170	84	-43	94.9	91.3
310	172	86	-43	96.5	89.2
320	172	86	-43	96.9	91.0
330	172	86	-43	97.5	95.4
340	173	86	-43	98.1	97.9
350	174	87	-43	99.4	95.7
360	174	87	-43	100.2	92.5
370	175	87	-43	100.5	93.6
380	175	87	-43	100.6	98.3
390	175	87	-43	100.4	98.1
400	175	87	-43	100.4	96.0
410	175	87	-43	100.3	97.0
420	175	87	-43	100.3	92.3
430	175	87	-43	100.8	87.5
440	175	87	-43	100.8	84.8
450	175	87	-43	100.8	87.1
460	175	87	-43	100.5	95.2
470	175	87	-43	100.3	95.0
480	175	87	-43	100.1	93.6
490	175	87	-43	99.0	92.5
500	174	87	-43	97.9	92.2
510	174	86	-43	96.7	87.4
520	173	86	-43	96.2	86.0
530	172	86	-43	95.7	94.7
540	171	86	-43	94.8	100.1
550	172	86	-43	96.1	95.8
560	173	86	-43	97.3	92.8
570	173	86	-43	98.6	93.8
580	174	86	-43	99.3	94.1
590	174	86	-43	100.0	92.7
600	175	86	-43	100.4	91.6
610	175	86	-43	100.2	92.8
620	175	86	-43	100.0	96.0
630	175	86	-43	100.3	100.3
640	175	86	-43	100.3	97.0
650	175	86	-43	100.3	94.8
660	175	87	-43	100.3	93.0
670	175	87	-43	100.3	96.9
680	175	87	-43	100.3	94.2
690	175	87	-43	100.3	89.1
700	175	87	-43	100.3	88.3
710	175	87	-43	100.3	90.5
720	175	87	-43	100.3	90.5
730	175	87	-43	100.3	95.1
740	175	87	-43	100.3	95.2
750	175	87	-43	100.3	94.3
760	175	87	-43	100.3	93.0
770	175	87	-43	100.3	92.1
780	175	87	-43	100.3	91.4
790	175	87	-43	100.2	93.4
800	175	87	-43	100.2	96.9
810	175	87	-43	100.2	96.9
820	175	87	-43	99.7	96.9
830	175	87	-43	99.7	96.9
840	175	87	-43	99.6	97.4
850	175	89	-43	99.6	98.4
860	175	88	-43	99.5	96.3
870	174	88	-43	99.0	96.4
880	174	88	-43	98.7	104.6
890	174	88	-43	98.3	103.9
900	174	88	-43	97.9	94.5
910	-	-	-	-	94.3
920	-	-	-	-	101.3
930	-	-	-	-	105.2
940	-	-	-	-	98.6
950	-	-	-	-	99.2
960	174	86	-43	98.5	100.2
970	-	-	-	-	99.1
980	-	-	-	-	95.3
990	-	-	-	-	96.3
1000	-	-	-	-	99.6
1010	-	-	-	-	96.4
1020	174	86	-43	98.4	91.8
1030	-	-	-	-	72.4
1040	-	-	-	-	77.9
1050	-	-	-	-	19.9
1060	-	-	-	-	14.2
1070	-	-	-	-	14.2
1080	173	84	-43	95.1	14.2
1090	-	-	-	-	14.2
1100	-	-	-	-	14.2
1110	-	-	-	-	14.2
1120	-	-	-	-	14.2
1130	-	-	-	-	14.2
1140	158	67	-43	71.5	14.2
1150	-	-	-	-	4.9
1160	-	-	-	-	4.9
1170	-	-	-	-	6.5
1180	-	-	-	-	8.2
1190	-	-	-	-	8.2
1200	133	50	-43	44.1	8.2
1210	-	-	-	-	8.2
1220	-	-	-	-	8.2
1230	-	-	-	-	8.2
1260	114	40	-43	29.7	0.
1320	101	34	-43	21.7	0.
1380	90	29	-43	16.6	0.
1440	82	25	-43	12.8	0.
1500	75	23	-43	10.6	0.
1560	70	20	-43	8.6	0.
1620	64	18	-43	6.7	0.
1680	59	17	-43	5.5	0.
1740	55	16	-43	4.7	0.
1800	52	14	-43	3.9	0.
1860	49	14	-43	3.4	0.
1920	46	13	-43	3.2	0.
1980	44	13	-43	2.8	0.
2040	42	12	-43	2.4	0.
2100	40	11	-43	2.2	0.
2160	39	11	-43	2.1	0.
2220	38	11	-43	1.9	0.
2280	37	11	-43	1.7	0.
2340	35	10	-43	1.7	0.
2400	35	10	-43	1.6	0.
2460	33	10	-43	1.4	0.
2520	33	9	-43	1.4	0.
2580	32	9	-43	1.3	0.
2640	31	9	-43	1.4	0.

資料 3.182　流出量・降雨量および水路水位

DISCHARGE & R.I., 26 -6 -9, 531120, 2=200 0 AREA=636.M**2 QMAX=177.6MM/H 26 -6 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	8	-43	1.2	77.3	540	101	34	-43	21.8	11.8												
10	29	8	-43	1.2	77.3	550	98	34	-43	20.9	11.8												
20	29	9	-43	1.5	77.3	560	97	33	-43	20.2	11.8												
30	29	10	-43	2.2	101.7	570	96	32	-43	19.4	6.4												
40	29	11	-43	3.5	165.2	580	94	31	-43	18.9	6.4												
50	30	14	-43	5.7	161.4	590	93	30	-43	18.0	6.4												
60	32	17	-43	9.6	154.3	600	91	29	-43	17.2	0.												
70	37	23	-43	14.7	151.5	660	83	25	-43	13.4	0.												
80	44	35	-43	22.2	188.8	720	75	23	-43	10.4	0.												
90	56	44	-43	30.5	180.2	780	70	21	-43	8.6	0.												
100	70	56	-43	40.6	165.3	840	64	19	-43	6.6	0.												
110	92	69	-43	53.2	173.7	900	59	17	-43	5.6	0.												
120	113	78	-43	67.5	174.7	960	55	16	-43	4.6	0.												
130	135	85	-43	85.3	174.5	1020	51	15	-43	3.7	0.												
140	152	92	-43	100.1	161.4	1080	48	14	-43	3.2	0.												
150	166	102	-43	113.4	168.7	1140	45	13	-43	2.9	0.												
160	178	107	-43	123.9	176.0	1200	43	13	-43	2.5	0.												
170	188	113	-43	135.5	160.2	1260	41	12	-43	2.3	0.												
180	195	115	-43	145.3	148.0	1320	40	12	-43	2.1	0.												
190	201	119	-43	151.9	153.6	1380	38	12	-43	1.9	0.												
200	206	121	-43	159.4	188.2	1440	37	11	-43	1.8	0.												
210	210	125	-43	165.8	178.2	1500	36	11	-43	1.7	0.												
220	214	128	-43	170.4	216.3	1560	35	11	-43	1.6	0.												
230	217	130	-43	175.0	183.0	1620	34	10	-43	1.4	0.												
240	219	130	-43	177.7	110.2	1680	33	10	-43	1.4	0.												
250	220	128	-43	178.0	50.9	1740	32	10	-43	1.3	0.												
260	220	127	-43	176.7	35.8	1800	31	9	-43	1.5	0.												
270	219	124	-43	172.7	31.7																		
280	217	118	-43	166.7	29.0																		
290	214	112	-43	158.5	29.0																		
300	209	108	-43	148.1	29.0																		
310	204	101	-43	138.3	24.9																		
320	198	96	-43	126.4	20.8																		
330	192	90	-43	116.0	20.8																		
340	186	84	-43	105.9	20.8																		
350	180	79	-43	96.9	17.4																		
360	174	75	-43	88.1	15.9																		
370	168	71	-43	79.2	15.9																		
380	162	67	-43	71.6	15.9																		
390	156	64	-43	64.1	16.1																		
400	150	60	-43	58.0	17.1																		
410	145	57	-43	52.6	18.6																		
420	139	52	-43	47.7	18.6																		
430	134	51	-43	43.4	18.6																		
440	130	48	-43	40.0	18.6																		
450	126	46	-43	36.7	18.6																		
460	122	43	-43	34.5	18.6																		
470	119	42	-43	32.4	18.6																		
480	116	41	-43	30.1	10.6																		
490	113	39	-43	28.4	10.6																		
500	110	38	-43	26.8	10.6																		
510	107	37	-43	25.1	11.3																		
520	104	35	-43	23.3	11.8																		
530	103	35	-43	22.5	11.8																		

資料 3.183　流出量・降雨量および水路水位

DISCHARGE & R.I.　26 -7 -9, 531120, I -50　0 AREA=636.M**2　QMAX= 52.3MM/H　26 -7 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	9	-43	1,4	36,2
10	31	9	-43	1,2	36,2
20	31	9	-43	1,3	36,2
30	31	9	-43	1,4	36,2
40	30	9	-43	1,3	36,2
50	30	10	-43	1,7	36,5
60	31	10	-43	2,0	40,5
70	31	11	-43	2,2	41,8
80	32	13	-43	3,3	41,8
90	32	14	-43	4,0	41,8
100	33	16	-43	5,2	41,4
110	36	18	-43	6,6	42,9
120	38	20	-43	8,5	42,9
130	42	23	-43	10,7	43,5
140	47	26	-43	12,6	44,3
150	52	28	-43	15,5	44,6
160	58	31	-43	17,9	44,6
170	64	34	-43	20,4	43,1
180	72	36	-43	23,3	43,1
190	79	38	-43	26,3	45,2
200	86	40	-43	28,7	48,1
210	92	43	-43	30,7	50,2
220	98	44	-43	33,4	50,2
230	103	46	-43	35,1	50,2
240	107	47	-43	37,0	50,2
250	111	48	-43	38,5	50,2
260	114	50	-43	40,2	50,2
270	116	50	-43	41,0	50,1
280	119	50	-43	42,3	48,4
290	121	51	-43	43,5	46,4
300	122	51	-43	43,8	46,2
310	124	53	-43	44,6	46,1
320	125	53	-43	45,1	45,8
330	126	53	-43	45,8	50,4
340	127	53	-43	46,3	50,4
350	128	54	-43	47,5	50,7
360	128	55	-43	47,6	47,3
370	129	55	-43	48,1	47,3
380	130	55	-43	48,9	47,3
390	130	55	-43	49,2	47,3
400	131	56	-43	49,7	46,6
410	131	57	-43	49,9	46,6
420	132	57	-43	50,3	46,8
430	132	57	-43	50,4	46,6
440	133	57	-43	51,4	45,7
450	134	57	-43	51,9	45,6
460	134	57	-43	51,8	45,6
470	134	58	-43	52,2	45,6
480	134	58	-43	52,1	47,4
490	134	58	-43	52,1	46,6
500	135	58	-43	52,2	46,3
510	135	58	-43	52,5	46,1
520	135	58	-43	52,5	44,9
530	135	58	-43	52,4	46,2

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
540	135	58	-43	52,3	46,2
550	135	58	-43	52,3	46,2
560	135	58	-43	52,3	46,8
570	135	58	-43	52,3	47,4
580	135	58	-43	52,3	47,4
590	135	58	-43	52,3	46,0
600	135	58	-43	52,3	44,5
610	135	58	-43	52,3	44,5
620	135	58	-43	52,3	46,3
630	135	57	-43	52,3	45,9
640	135	57	-43	52,3	47,6
650	135	57	-43	52,3	48,7
660	135	57	-43	52,2	48,6
670	135	57	-43	52,2	48,4
680	135	57	-43	52,2	49,4
690	135	57	-43	51,9	51,8
700	135	57	-43	51,9	54,6
710	135	57	-43	51,9	54,7
720	135	57	-43	52,0	54,5
730	135	57	-43	51,9	54,5
740	135	57	-43	51,9	53,6
750	135	58	-43	51,9	51,3
760	134	58	-43	51,6	50,4
770	134	58	-43	51,6	50,4
780	134	58	-43	51,6	53,5
790	134	58	-43	51,7	54,3
800	134	58	-43	51,7	54,3
810	134	58	-43	51,7	52,4
820	134	58	-43	51,7	50,5
830	134	58	-43	51,7	50,5
840	134	58	-43	51,7	50,5
850	134	58	-43	51,7	49,8
860	134	58	-43	51,7	49,7
870	134	58	-43	51,7	49,7
880	134	58	-43	51,9	48,8
890	134	58	-43	51,9	45,0
900	134	58	-43	52,0	45,0
910	-	-	-	-	45,0
920	-	-	-	-	45,4
930	-	-	-	-	48,2
940	-	-	-	-	48,2
950	-	-	-	-	48,4
960	135	59	-43	53,4	48,4
970	-	-	-	-	48,2
980	-	-	-	-	49,0
990	-	-	-	-	49,5
1000	-	-	-	-	47,9
1010	-	-	-	-	47,9
1020	137	60	-43	54,8	47,0
1030	-	-	-	-	47,0
1040	-	-	-	-	47,7
1050	-	-	-	-	47,7
1060	-	-	-	-	48,4
1070	-	-	-	-	51,7

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
1080	137	59	-43	54,5	52,2
1090	-	-	-	-	51,2
1100	-	-	-	-	51,2
1110	-	-	-	-	51,7
1120	-	-	-	-	51,5
1130	-	-	-	-	50,8
1140	135	57	-43	52,0	49,0
1150	-	-	-	-	48,4
1160	-	-	-	-	32,2
1170	-	-	-	-	32,2
1180	-	-	-	-	16,0
1190	-	-	-	-	16,0
1200	134	54	-43	49,6	16,0
1260	125	47	-43	40,2	0,
1320	111	38	-43	28,1	0,
1380	97	33	-43	19,9	0,
1440	88	29	-43	15,8	0,
1500	81	27	-43	13,2	0,
1560	77	24	-43	11,4	0,
1620	72	22	-43	9,6	0,
1680	68	20	-43	8,4	0,
1740	64	18	-43	7,3	0,
1800	61	16	-43	6,3	0,
1860	57	17	-43	5,5	0,
1920	55	16	-43	4,9	0,
1980	52	16	-43	4,5	0,
2040	51	15	-43	4,1	0,
2100	49	14	-43	3,7	0,
2160	47	14	-43	3,4	0,
2220	45	14	-43	3,2	0,
2280	44	13	-43	2,9	0,
2340	42	12	-43	2,6	0,
2400	41	12	-43	2,5	0,
2460	40	12	-43	2,3	0,
2520	39	12	-43	2,2	0,
2580	38	11	-43	1,9	0,
2640	37	10	-43	2,1	0,

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H

資料 3.184　流出量・降雨量および水路水位

DISCHARGE & R.I. 26 -8 -9, 531120, 1 -20 0 AREA=636.M**2 QMAX= 22.7MM/H 26 -8 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	8	-43	1.4	23.6	540	87	31	-43	18.4	20.9	1080	96	35	-43	22.6	27.4						
10	31	8	-43	1.4	23.6	550	87	31	-43	18.6	20.9	1090	-	-	-	-	27.4						
20	31	8	-43	1.4	23.6	560	88	32	-43	18.9	20.9	1100	-	-	-	-	28.3						
30	31	8	-43	1.4	23.6	570	89	32	-43	19.3	20.7	1110	-	-	-	-	31.9						
40	31	8	-43	1.4	23.6	580	89	32	-43	19.7	19.7	1120	-	-	-	-	31.9						
50	31	8	-43	1.4	20.6	590	90	32	-43	19.7	19.0	1130	-	-	-	-	31.9						
60	31	8	-43	1.4	19.8	600	90	33	-43	19.6	19.0	1140	96	35	-43	22.7	24.8						
70	31	8	-43	1.4	19.8	610	90	33	-43	19.7	19.0	1150	-	-	-	-	24.3						
80	31	8	-43	1.4	19.8	620	90	33	-43	20.0	19.0	1160	-	-	-	-	24.3						
90	31	8	-43	1.5	19.8	630	90	33	-43	20.3	19.0	1170	-	-	-	-	24.3						
100	31	9	-43	1.9	19.8	640	90	34	-43	20.1	18.6	1180	-	-	-	-	24.3						
110	31	9	-43	2.0	19.4	650	92	33	-43	20.7	18.5	1190	-	-	-	-	24.3						
120	31	9	-43	2.2	19.4	660	92	33	-43	21.0	18.5	1200	96	35	-43	22.7	24.3						
130	32	9	-43	2.8	19.4	670	92	34	-43	21.0	18.5	1210	-	-	-	-	25.7						
140	32	10	-43	3.1	19.4	680	92	33	-43	20.6	18.5	1220	-	-	-	-	26.1						
150	33	11	-43	3.5	19.4	690	93	34	-43	21.0	18.2	1230	-	-	-	-	25.0						
160	35	13	-43	3.9	18.8	700	93	33	-43	21.0	18.1	1240	-	-	-	-	23.9						
170	36	13	-43	4.4	16.4	710	93	33	-43	21.0	17.6	1250	-	-	-	-	24.6						
180	37	14	-43	5.0	16.4	720	93	33	-43	21.0	17.6	1260	96	35	-43	22.9	26.3						
190	39	15	-43	5.4	16.4	730	93	34	-43	21.0	17.6	1270	-	-	-	-	26.3						
200	40	16	-43	6.0	17.8	740	93	34	-43	21.0	17.6	1280	-	-	-	-	26.3						
210	42	16	-43	6.7	17.0	750	93	34	-43	21.1	17.6	1290	-	-	-	-	14.3						
220	44	18	-43	7.2	17.0	760	93	34	-43	21.1	17.6	1300	-	-	-	-	12.8						
230	46	20	-43	7.7	17.0	770	93	35	-43	21.2	19.2	1310	-	-	-	-	12.8						
240	49	20	-43	8.5	17.0	780	93	35	-43	21.1	21.6	1320	97	35	-43	23.0	12.8						
250	51	21	-43	9.3	18.5	790	93	35	-43	21.2	21.6	1330	-	-	-	-	12.8						
260	53	22	-43	9.8	18.8	800	94	35	-43	21.5	21.6	1380	96	34	-43	21.4	0.						
270	56	22	-43	10.4	18.8	810	94	35	-43	21.5	21.6	1440	89	29	-43	16.2	0.						
280	59	23	-43	11.0	18.8	820	94	34	-43	21.7	21.6	1500	80	24	-43	11.8	0.						
290	61	24	-43	11.9	23.6	830	94	34	-43	21.9	22.5	1560	72	21	-43	9.0	0.						
300	64	24	-43	12.0	24.1	840	94	34	-43	21.9	22.5	1620	66	19	-43	7.3	0.						
310	65	25	-43	12.4	24.0	850	94	34	-43	21.9	23.9	1680	61	18	-43	6.1	0.						
320	68	25	-43	12.8	23.1	860	95	34	-43	21.9	24.5	1740	57	16	-43	5.2	0.						
330	69	26	-43	12.9	23.1	870	95	34	-43	21.9	24.5	1800	54	16	-43	4.7	0.						
340	71	27	-43	13.5	22.5	880	95	34	-43	22.1	24.1	1860	52	15	-43	4.2	0.						
350	72	27	-43	13.7	22.5	890	95	34	-43	22.0	24.1	1920	49	14	-43	3.7	0.						
360	74	27	-43	14.3	22.5	900	95	34	-43	22.0	24.1	1980	48	14	-43	3.6	0.						
370	75	27	-43	14.2	22.5	910	-	-	-	-	25.3	2040	46	13	-43	3.2	0.						
380	76	27	-43	14.9	22.5	920	-	-	-	-	25.5	2100	44	13	-43	3.0	0.						
390	77	29	-43	15.0	21.9	930	-	-	-	-	23.3	2160	43	13	-43	2.7	0.						
400	78	29	-43	15.4	21.5	940	-	-	-	-	22.8	2220	42	12	-43	2.4	0.						
410	79	29	-43	15.6	21.5	950	-	-	-	-	22.8	2280	40	12	-43	2.3	0.						
420	80	29	-43	16.2	21.5	960	95	35	-43	22.2	20.8	2340	39	11	-43	2.3	0.						
430	81	30	-43	16.5	21.5	970	-	-	-	-	20.4	2400	38	11	-43	2.1	0.						
440	82	29	-43	16.5	21.5	980	-	-	-	-	20.4	2460	37	11	-43	1.9	0.						
450	83	30	-43	17.0	21.5	990	-	-	-	-	20.4	2520	37	10	-43	1.9	0.						
460	83	30	-43	17.1	21.6	1000	-	-	-	-	22.5	2580	36	10	-43	1.8	0.						
470	84	30	-43	17.4	21.6	1010	-	-	-	-	22.5	2640	35	10	-43	1.9	0.						
480	84	31	-43	17.4	21.6	1020	96	35	-43	22.4	24.9												
490	85	31	-43	17.8	21.6	1030	-	-	-	-	28.5												
500	86	31	-43	17.9	21.6	1040	-	-	-	-	28.5												
510	86	30	-43	18.0	21.6	1050	-	-	-	-	28.7												
520	87	31	-43	18.2	22.2	1060	-	-	-	-	28.2												
530	87	31	-43	18.1	20.9	1070	-	-	-	-	27.4												

資料 3.185　流出量・降雨量および水路水位

DISCHARGE & R.I.,　26 -9 -9,　531120,　1=200　0 AREA=636.M**2　QMAX=200.4MM/H　　26 -9 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	31	8	-43	1.4	136.2
10	31	8	-43	1.8	136.2
20	31	9	-43	2.1	126.2
30	31	10	-43	2.7	149.5
40	32	12	-43	5.1	140.8
50	33	14	-43	7.2	140.7
60	35	22	-43	11.8	160.0
70	42	28	-43	17.4	182.2
80	49	36	-43	25.4	164.7
90	63	47	-43	35.3	151.6
100	79	58	-43	45.0	141.7
110	102	72	-43	60.7	158.9
120	125	83	-43	77.7	172.0
130	144	90	-43	95.4	155.2
140	162	97	-43	112.0	169.6
150	176	103	-43	125.8	162.7
160	188	111	-43	139.7	185.6
170	198	115	-43	151.1	170.6
180	204	118	-43	159.1	177.2
190	209	120	-43	166.1	181.3
200	213	123	-43	170.5	181.4
210	216	124	-43	175.9	147.4
220	219	128	-43	179.7	158.7
230	221	129	-43	183.6	170.4
240	223	130	-43	186.6	168.6
250	224	131	-43	188.6	180.0
260	226	131	-43	191.3	180.8
270	226	130	-43	192.3	191.7
280	227	131	-43	192.7	171.0
290	227	132	-43	193.0	177.1
300	228	132	-43	194.9	159.8
310	228	133	-43	195.7	170.4
320	229	133	-43	196.5	166.6
330	229	133	-43	197.0	178.2
340	230	133	-43	198.3	170.2
350	230	133	-43	199.3	173.6
360	231	133	-43	200.0	180.0
370	231	133	-43	199.7	175.2
380	230	133	-43	198.1	192.4
390	230	133	-43	198.7	183.6
400	230	132	-43	198.1	180.6
410	230	132	-43	197.7	174.1
420	230	132	-43	197.7	181.0
430	230	132	-43	198.7	161.1
440	230	132	-43	199.7	165.8
450	231	132	-43	199.7	197.2
460	232	132	-43	201.8	169.8
470	232	132	-43	203.3	187.4
480	230	132	-43	198.6	172.5
490	230	132	-43	199.0	176.0
500	231	132	-43	200.3	157.5
510	232	133	-43	202.5	155.9
520	232	133	-43	203.1	163.5
530	232	134	-43	203.7	185.2
540	232	134	-43	204.2	168.6
550	232	134	-43	204.2	153.2
560	233	134	-43	204.9	175.1
570	233	134	-43	204.8	173.2
580	233	134	-43	205.6	157.1
590	233	134	-43	206.2	162.6
600	233	136	-43	206.3	143.5
610	234	136	-43	206.9	148.0
620	234	136	-43	206.9	152.0
630	234	135	-43	206.6	158.6
640	234	135	-43	206.4	169.1
650	234	134	-43	207.1	169.1
660	231	134	-43	200.0	177.0
670	231	134	-43	199.2	181.7
680	231	134	-43	199.0	178.3
690	231	134	-43	199.2	178.0
700	230	134	-43	197.3	152.6
710	230	133	-43	195.4	76.6
720	230	133	-43	193.5	33.2
730	225	127	-43	183.5	24.2
740	221	121	-43	173.8	24.2
750	217	115	-43	164.3	24.2
760	213	109	-43	154.9	9.9
770	209	103	-43	146.4	9.9
780	205	97	-43	138.0	9.9
790	198	92	-43	125.6	9.9
800	192	87	-43	114.3	9.9
810	185	82	-43	102.9	9.9
820	178	77	-43	93.2	9.9
830	172	73	-43	84.4	9.9
840	165	68	-43	75.8	9.9
850	160	64	-43	69.2	9.9
860	154	61	-43	62.5	9.9
870	149	57	-43	56.7	6.2
880	143	54	-43	52.1	6.2
890	138	50	-43	46.8	6.2
900	132	47	-43	41.5	6.2
910	-	-	-	-	10.7
920	-	-	-	-	13.6
930	-	-	-	-	13.6
940	-	-	-	-	13.6
950	-	-	-	-	13.6
960	109	35	-43	25.1	13.6
970	-	-	-	-	13.6
980	-	-	-	-	13.6
990	-	-	-	-	13.6
1000	-	-	-	-	12.1
1010	-	-	-	-	11.8
1020	95	29	-43	18.1	11.8
1030	-	-	-	-	11.8
1040	-	-	-	-	11.8
1050	-	-	-	-	11.8
1060	-	-	-	-	11.8
1070	-	-	-	-	11.8
1080	84	25	-43	13.4	11.8
1090	-	-	-	-	11.8
1140	77	23	-43	11.0	0.
1200	71	20	-43	9.4	0.
1260	69	18	-43	8.4	0.
1320	61	17	-43	5.8	0.
1380	57	16	-43	5.2	0.
1440	54	15	-43	4.4	0.
1500	51	14	-43	4.0	0.
1560	49	14	-43	3.5	0.
1620	46	13	-43	3.0	0.
1680	44	13	-43	2.8	0.
1740	42	12	-43	2.4	0.
1800	40	12	-43	2.2	0.
1860	39	11	-43	2.2	0.
1920	38	11	-43	2.0	0.
1980	37	10	-43	1.8	0.
2040	36	10	-43	1.7	0.
2100	35	10	-43	1.6	0.
2160	34	9	-43	1.5	0.
2220	33	9	-43	1.5	0.
2280	32	9	-43	1.3	0.
2340	31	9	-43	1.2	0.
2400	31	9	-43	1.2	0.
2460	30	9	-43	1.1	0.
2520	30	9	-43	1.2	0.
2580	29	9	-43	1.2	0.
2640	29	8	-43	1.2	0.

資料 3.186　流出量・降雨量および水路水位

DISCHARGE & R.I. 27 -1 -9, 531121, 2=100 0 AREA=636.M**2 QMAX= 59.4MM/H 27 -1 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	7	3	1	0.0	113.6	540	82	25	9	12.6	0.												
10	7	3	1	-0.2	113.6	550	80	24	9	11.7	0.												
20	7	3	1	-0.1	83.8	560	79	24	9	11.5	0.												
30	6	3	1	0.1	74.6	570	78	23	9	11.2	0.												
40	6	3	0	0.3	67.8	580	76	23	9	10.7	0.												
50	7	3	0	0.4	69.2	590	75	22	8	10.3	0.												
60	7	3	0	0.8	78.7	600	74	21	8	9.9	0.												
70	7	3	0	1.4	108.7	660	67	19	7	7.4	0.												
80	8	5	3	2.3	91.8	720	62	17	6	6.0	0.												
90	9	8	9	3.6	84.0	780	57	15	5	4.9	0.												
100	11	12	16	5.8	85.8	840	53	14	4	4.0	0.												
110	14	16	21	9.2	100.0	900	49	13	3	3.3	0.												
120	19	21	26	12.7	94.5	960	46	13	3	2.9	0.												
130	26	27	30	16.7	90.1	1020	44	11	3	2.6	0.												
140	37	33	34	21.3	92.0	1080	42	11	2	2.3	0.												
150	49	38	36	26.7	97.4	1140	39	10	2	1.9	0.												
160	62	42	37	32.2	93.7	1200	38	10	2	1.9	0.												
170	76	47	39	37.3	90.2	1260	37	10	2	1.8	0.												
180	92	53	40	43.8	89.6	1320	36	10	2	1.6	0.												
190	106	57	42	50.5	88.7	1380	34	9	2	1.7	0.												
200	118	60	43	55.7	27.7																		
210	126	62	42	58.9	20.0																		
220	133	65	42	61.0	20.0																		
230	137	65	40	61.7	19.5																		
240	140	65	39	62.1	14.6																		
250	142	64	37	61.7	14.6																		
260	142	63	35	59.5	14.6																		
270	141	61	33	57.2	14.6																		
280	140	59	32	54.6	0.																		
290	138	57	30	52.1	0.																		
300	136	54	29	49.3	0.																		
310	133	51	29	45.5	0.																		
320	130	50	28	42.8	0.																		
330	128	48	27	40.4	0.																		
340	125	45	25	38.1	0.																		
350	122	43	23	35.3	0.																		
360	119	42	21	33.2	0.																		
370	116	40	19	30.8	0.																		
380	113	39	18	28.8	0.																		
390	110	37	17	26.8	0.																		
400	108	36	16	25.2	0.																		
410	105	35	15	23.7	0.																		
420	103	35	14	22.3	0.																		
430	100	34	13	21.0	0.																		
440	98	33	13	20.4	0.																		
450	97	31	12	19.6	0.																		
460	95	30	12	18.6	0.																		
470	93	30	12	17.7	0.																		
480	92	29	11	16.8	0.																		
490	89	28	11	16.0	0.																		
500	88	27	11	15.1	0.																		
510	86	26	10	14.1	0.																		
520	85	26	9	13.9	0.																		
530	83	25	9	13.1	0.																		

資料 3.187　流出量・降雨量および水路水位

DISCHARGE & R.I.,　27 -2 -9,　531121,　i=120　0 AREA=636.M**2　QMAX=118.9MM/H　　27 -2 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	26	6	1	0.9	87.1	540	187	96	56	118.7	109.8	1080	187	94	53	116.3	14.6	1620	65	18	5	6.7	4.3
10	26	6	1	0.9	87.1	550	187	96	56	118.7	119.1	1090	-	-	-	-	14.6	1630	-	-	-	-	4.3
20	26	6	1	1.0	86.3	560	187	96	56	118.7	117.2	1100	-	-	-	-	14.6	1640	-	-	-	-	4.3
30	26	6	2	1.5	81.2	570	187	96	56	118.3	114.2	1110	-	-	-	-	14.6	1650	-	-	-	-	4.3
40	26	7	4	2.3	85.6	580	187	96	55	118.3	113.1	1120	-	-	-	-	14.6	1660	-	-	-	-	4.3
50	26	7	6	3.5	99.9	590	187	95	55	118.2	111.7	1130	-	-	-	-	14.6	1670	-	-	-	-	4.3
60	28	10	9	6.4	116.9	600	187	95	55	118.3	112.3	1140	172	76	35	88.8	14.6	1680	59	17	4	5.4	2.3
70	30	13	14	9.5	113.7	610	187	95	56	118.2	110.3	1150	-	-	-	-	14.6	1690	-	-	-	-	2.3
80	34	18	20	13.7	118.2	620	187	96	56	117.7	109.5	1160	-	-	-	-	14.6	1700	-	-	-	-	2.3
90	43	24	28	19.4	121.9	630	187	95	56	117.6	114.9	1170	-	-	-	-	24.7	1710	-	-	-	-	2.3
100	52	31	34	25.2	109.9	640	187	96	56	117.1	116.6	1180	-	-	-	-	27.3	1720	-	-	-	-	2.3
110	65	38	39	32.6	103.0	650	187	96	56	117.2	115.7	1190	-	-	-	-	27.3	1730	-	-	-	-	2.3
120	81	46	42	39.8	106.7	660	186	95	57	116.7	137.3	1200	144	55	25	54.3	24.6	1740	55	16	4	4.6	2.3
130	96	53	44	48.5	106.7	670	186	95	57	116.8	134.4	1210	-	-	-	-	22.8	1750	-	-	-	-	2.3
140	112	58	46	58.1	131.7	680	186	96	57	116.7	115.3	1220	-	-	-	-	22.8	1760	-	-	-	-	2.3
150	125	65	48	65.8	111.3	690	186	95	57	116.8	116.2	1230	-	-	-	-	22.8	1770	-	-	-	-	2.3
160	137	69	50	73.5	110.5	700	186	94	56	116.8	110.0	1240	-	-	-	-	21.1	1800	52	14	3	4.0	0.
170	146	73	51	79.6	99.0	710	186	95	56	116.3	95.6	1250	-	-	-	-	18.5	1860	49	14	3	3.5	0.
180	153	75	53	85.0	95.2	720	186	94	56	116.4	96.2	1260	121	42	19	34.3	18.2	1920	46	13	2	3.2	0.
190	158	78	54	88.2	102.1	730	186	95	56	116.4	103.9	1270	-	-	-	-	15.0	1980	45	13	2	2.8	0.
200	163	80	55	92.9	109.1	740	186	94	56	116.6	113.5	1280	-	-	-	-	15.0	2040	42	12	2	2.4	0.
210	168	82	55	97.7	106.9	750	186	95	56	117.1	114.2	1290	-	-	-	-	15.6	2100	41	11	2	2.3	0.
220	171	84	55	100.1	111.6	760	186	95	56	117.2	111.8	1300	-	-	-	-	16.0	2160	39	11	2	2.1	0.
230	174	86	55	103.9	113.7	770	187	96	56	117.8	109.4	1310	-	-	-	-	14.6	2220	38	10	2	2.0	0.
240	176	87	55	106.1	109.7	780	187	96	56	117.7	108.6	1320	106	36	15	25.0	14.6	2280	37	10	1	1.7	0.
250	178	89	55	108.4	106.0	790	187	96	56	118.3	110.5	1330	-	-	-	-	14.6	2340	36	10	1	1.6	0.
260	180	90	55	109.9	109.1	800	187	97	56	118.7	117.2	1340	-	-	-	-	14.6	2400	34	10	1	1.6	0.
270	181	91	55	112.0	109.5	810	187	96	56	118.8	115.2	1350	-	-	-	-	14.6	2460	34	9	1	1.5	0.
280	182	91	56	112.9	111.5	820	187	97	57	119.2	116.0	1360	-	-	-	-	14.6	2520	32	9	1	1.3	0.
290	183	93	56	113.6	119.2	830	187	97	57	119.1	120.9	1370	-	-	-	-	14.6	2580	32	9	1	1.4	0.
300	184	93	56	115.1	119.4	840	188	97	57	119.6	122.9	1380	96	31	13	19.8	11.1	2640	31	9	1	1.4	0.
310	185	93	56	115.5	117.2	850	188	97	57	119.5	115.0	1390	-	-	-	-	8.9						
320	185	94	55	116.4	113.9	860	188	97	57	119.5	115.9	1400	-	-	-	-	8.9						
330	185	94	55	116.0	113.1	870	188	96	56	119.3	122.5	1410	-	-	-	-	8.9						
340	186	94	56	116.9	112.1	880	188	96	56	119.3	120.0	1420	-	-	-	-	9.0						
350	186	95	56	117.2	110.7	890	188	96	56	119.3	121.3	1430	-	-	-	-	10.3						
360	186	95	56	117.2	110.9	900	187	95	56	118.8	116.7	1440	88	27	12	15.5	10.3						
370	186	94	56	117.0	111.1	910	-	-	-	-	154.8	1450	-	-	-	-	10.3						
380	186	95	56	116.9	111.5	920	-	-	-	-	97.3	1460	-	-	-	-	10.3						
390	186	95	56	117.0	111.7	930	-	-	-	-	102.7	1470	-	-	-	-	10.3						
400	186	94	56	117.0	113.7	940	-	-	-	-	115.2	1480	-	-	-	-	10.3						
410	186	95	56	117.0	110.4	950	-	-	-	-	114.6	1490	-	-	-	-	10.3						
420	187	94	56	117.5	108.3	960	187	96	56	119.0	108.4	1500	80	24	8	11.9	10.3						
430	187	94	56	117.6	113.4	970	-	-	-	-	113.4	1510	-	-	-	-	10.3						
440	187	95	57	117.7	115.8	980	-	-	-	-	122.3	1520	-	-	-	-	4.3						
450	187	95	57	117.7	114.8	990	-	-	-	-	120.0	1530	-	-	-	-	4.3						
460	187	95	57	118.2	116.3	1000	-	-	-	-	121.4	1540	-	-	-	-	4.3						
470	187	95	57	118.8	115.3	1010	-	-	-	-	127.6	1550	-	-	-	-	4.3						
480	187	96	57	119.3	110.5	1020	188	96	56	120.4	114.5	1560	72	20	6	8.9	4.3						
490	187	95	57	119.2	113.9	1030	-	-	-	-	111.9	1570	-	-	-	-	4.3						
500	188	96	57	119.6	121.4	1040	-	-	-	-	124.7	1580	-	-	-	-	4.3						
510	188	96	57	119.4	114.2	1050	-	-	-	-	121.5	1590	-	-	-	-	4.3						
520	188	96	57	119.4	110.1	1060	-	-	-	-	91.3	1600	-	-	-	-	4.3						
530	188	96	56	119.3	111.0	1070	-	-	-	-	32.6	1610	-	-	-	-	4.3						

資料 3.188　流出量・降雨量および水路水位

DISCHARGE & R.I.　27 -3 -9,　531121,　1 -70　0 AREA=636.M**2　QMAX= 86.8MM/H　　27 -3 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	7	1	1.2	48.1	540	165	78	47	86.7	68.5	1080	166	80	48	88.1	73.0	1620	162	77	44	82.7	73.3
10	29	7	1	1.2	48.1	550	165	78	48	86.7	68.1	1090	-	-	-	-	80.4	1630	-	-	-	-	78.0
20	29	7	1	1.2	48.1	560	165	80	48	86.8	72.8	1100	-	-	-	-	80.7	1640	-	-	-	-	78.6
30	29	7	1	1.2	48.1	570	165	79	47	86.8	75.1	1110	-	-	-	-	75.3	1650	-	-	-	-	79.5
40	29	8	2	1.3	48.1	580	165	79	47	86.8	73.3	1120	-	-	-	-	73.8	1660	-	-	-	-	78.2
50	29	9	3	1.6	59.3	590	165	79	47	86.8	72.8	1130	-	-	-	-	74.8	1670	-	-	-	-	73.2
60	29	10	3	2.2	60.8	600	165	79	47	86.8	73.7	1140	166	79	45	86.8	74.8	1680	163	78	45	83.7	74.0
70	29	11	6	2.8	74.2	610	165	79	47	86.7	79.5	1150	-	-	-	-	71.9	1690	-	-	-	-	73.0
80	30	15	8	3.8	74.9	620	165	79	47	86.7	79.0	1160	-	-	-	-	77.2	1700	-	-	-	-	71.9
90	32	18	11	5.8	76.8	630	165	78	47	86.7	72.9	1170	-	-	-	-	79.3	1710	-	-	-	-	70.3
100	34	22	14	7.7	80.8	640	165	78	47	86.3	72.1	1180	-	-	-	-	81.3	1720	-	-	-	-	74.5
110	37	25	18	10.6	80.9	650	165	78	47	86.3	72.4	1190	-	-	-	-	78.7	1730	-	-	-	-	74.5
120	43	29	22	13.3	80.5	660	165	78	47	86.3	72.1	1200	164	77	42	84.3	74.6	1740	163	77	44	84.2	71.5
130	49	34	26	17.1	82.0	670	165	78	47	86.4	71.3	1210	-	-	-	-	74.9	1750	-	-	-	-	58.3
140	58	38	29	21.4	86.0	680	165	78	47	86.4	73.0	1220	-	-	-	-	77.0	1760	-	-	-	-	45.8
150	65	42	32	25.0	83.8	690	165	78	47	86.4	77.1	1230	-	-	-	-	75.6	1770	-	-	-	-	45.8
160	76	47	35	30.2	83.6	700	165	78	46	86.4	81.3	1240	-	-	-	-	73.1	1780	-	-	-	-	6.8
170	86	51	37	34.4	82.2	710	165	78	46	86.4	81.9	1250	-	-	-	-	74.5	1790	-	-	-	-	4.0
180	96	55	38	39.9	78.4	720	165	78	46	86.4	82.3	1260	163	76	47	83.7	79.3	1800	162	75	42	80.3	4.0
190	106	57	40	44.6	83.4	730	165	78	46	86.4	78.0	1270	-	-	-	-	79.3	1810	-	-	-	-	4.0
200	115	60	41	49.7	89.4	740	165	78	46	86.4	78.0	1280	-	-	-	-	78.7	1820	-	-	-	-	4.0
210	122	63	42	53.7	88.6	750	165	78	46	86.4	78.3	1290	-	-	-	-	77.4	1830	-	-	-	-	4.0
220	128	65	43	57.8	87.8	760	165	78	46	86.4	78.7	1300	-	-	-	-	78.9	1840	-	-	-	-	4.0
230	134	67	44	61.4	85.1	770	165	78	46	86.5	73.5	1310	-	-	-	-	78.8	1850	-	-	-	-	4.0
240	139	69	44	64.5	81.4	780	165	78	46	86.5	72.2	1320	165	79	47	86.3	81.3	1860	148	61	29	60.2	4.0
250	143	71	45	67.6	84.0	790	165	78	46	86.5	72.2	1330	-	-	-	-	94.3	1870	-	-	-	-	4.0
260	146	72	45	70.1	95.9	800	165	79	46	87.0	81.0	1340	-	-	-	-	91.2	1880	-	-	-	-	4.0
270	149	73	45	72.9	95.4	810	165	79	46	87.0	102.7	1350	-	-	-	-	70.2	1890	-	-	-	-	4.0
280	152	74	45	75.1	88.3	820	165	80	46	87.0	81.9	1360	-	-	-	-	70.2	1900	-	-	-	-	4.0
290	154	74	45	76.7	88.8	830	166	80	46	87.3	82.9	1370	-	-	-	-	76.8	1910	-	-	-	-	4.0
300	156	75	45	78.3	92.2	840	166	80	48	87.4	83.5	1380	165	79	47	85.9	82.4	1920	126	45	21	38.3	4.0
310	157	75	45	78.7	93.2	850	166	80	48	87.4	82.9	1390	-	-	-	-	80.6	1930	-	-	-	-	4.0
320	158	76	45	79.9	90.3	860	166	80	48	87.3	88.0	1400	-	-	-	-	66.5	1940	-	-	-	-	4.0
330	159	76	46	80.8	87.1	870	166	80	47	87.7	84.7	1410	-	-	-	-	67.7	1950	-	-	-	-	4.0
340	160	77	47	81.6	87.8	880	166	80	47	87.6	82.7	1420	-	-	-	-	71.7	1960	-	-	-	-	4.0
350	161	77	47	82.1	88.2	890	166	80	47	87.6	82.0	1430	-	-	-	-	71.7	1970	-	-	-	-	4.0
360	161	78	47	83.0	84.3	900	166	80	47	87.6	81.0	1440	164	79	47	85.5	70.4	1980	111	37	18	28.2	4.0
370	162	78	47	84.1	78.7	910	-	-	-	-	81.7	1450	-	-	-	-	78.8	1990	-	-	-	-	4.0
380	163	78	48	84.4	78.7	920	-	-	-	-	84.1	1460	-	-	-	-	77.4	2000	-	-	-	-	4.0
390	163	78	48	84.2	75.6	930	-	-	-	-	78.4	1470	-	-	-	-	75.6	2010	-	-	-	-	4.0
400	163	78	48	84.6	74.6	940	-	-	-	-	72.5	1480	-	-	-	-	75.0	2020	-	-	-	-	4.0
410	163	79	48	84.9	74.5	950	-	-	-	-	71.1	1490	-	-	-	-	77.8	2030	-	-	-	-	4.0
420	164	79	48	85.3	83.6	960	166	78	45	87.2	80.3	1500	164	78	45	85.3	79.8	2040	97	34	17	20.0	4.0
430	165	80	48	86.5	84.7	970	-	-	-	-	107.8	1510	-	-	-	-	80.5	2050	-	-	-	-	4.0
440	165	80	48	86.4	84.7	980	-	-	-	-	82.3	1520	-	-	-	-	80.5	2060	-	-	-	-	4.0
450	165	80	48	86.5	89.6	990	-	-	-	-	84.2	1530	-	-	-	-	75.5	2070	-	-	-	-	4.0
460	165	80	48	86.3	98.1	1000	-	-	-	-	84.8	1540	-	-	-	-	73.0	2080	-	-	-	-	4.0
470	165	79	48	86.3	98.4	1010	-	-	-	-	88.7	1550	-	-	-	-	70.7	2090	-	-	-	-	4.0
480	165	80	48	87.1	82.5	1020	166	80	48	87.3	88.3	1560	163	76	43	83.2	66.8	2100	90	30	13	16.9	4.0
490	166	79	48	87.5	73.3	1030	-	-	-	-	81.7	1570	-	-	-	-	67.8	2110	-	-	-	-	4.0
500	166	80	47	87.4	73.3	1040	-	-	-	-	80.3	1580	-	-	-	-	67.8	2120	-	-	-	-	3.6
510	166	79	47	87.2	75.7	1050	-	-	-	-	80.3	1590	-	-	-	-	68.5	2130	-	-	-	-	2.5
520	166	78	47	87.1	75.2	1060	-	-	-	-	74.8	1600	-	-	-	-	70.2	2140	-	-	-	-	2.5
530	165	78	47	86.7	71.1	1070	-	-	-	-	71.0	1610	-	-	-	-	70.4	2150	-	-	-	-	2.5

資料 3.189　流出量・降雨量および水路水位

DISCHARGE & R.I.,　27 -3 -9,　531121,　1 -70　0 AREA=636.M**2　QMAX= 86.8MM/H　　27 -3 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
2160	81	27	12	13.3	2.5	2700	-	-	-	-	1.7												
2170	-	-	-	-	2.5	2710	-	-	-	-	1.7												
2180	-	-	-	-	2.5	2720	-	-	-	-	1.7												
2190	-	-	-	-	2.5	2730	-	-	-	-	1.7												
2200	-	-	-	-	2.5	2740	-	-	-	-	1.7												
2210	-	-	-	-	2.5	2750	-	-	-	-	1.7												
2220	79	25	11	13.0	2.5	2760	-	-	-	-	1.7												
2230	-	-	-	-	2.5	2770	-	-	-	-	1.7												
2240	-	-	-	-	2.5	2780	-	-	-	-	1.7												
2250	-	-	-	-	2.5	2790	-	-	-	-	1.7												
2260	-	-	-	-	2.5	2800	-	-	-	-	1.7												
2270	-	-	-	-	2.5																		
2280	75	23	9	11.0	2.5																		
2290	-	-	-	-	2.5																		
2300	-	-	-	-	2.5																		
2310	-	-	-	-	2.5																		
2320	-	-	-	-	2.5																		
2330	-	-	-	-	2.5																		
2340	71	22	7	9.9	2.5																		
2350	-	-	-	-	2.5																		
2360	-	-	-	-	2.5																		
2370	-	-	-	-	2.5																		
2380	-	-	-	-	2.5																		
2390	-	-	-	-	2.5																		
2400	70	20	6	9.3	2.5																		
2410	-	-	-	-	2.5																		
2420	-	-	-	-	2.5																		
2430	-	-	-	-	2.5																		
2440	-	-	-	-	2.5																		
2450	-	-	-	-	2.5																		
2460	64	29	4	6.6	2.5																		
2470	-	-	-	-	2.5																		
2480	-	-	-	-	2.5																		
2490	-	-	-	-	2.5																		
2500	-	-	-	-	2.5																		
2510	-	-	-	-	2.5																		
2520	60	28	3	5.9	2.5																		
2530	-	-	-	-	1.7																		
2540	-	-	-	-	1.7																		
2550	-	-	-	-	1.7																		
2560	-	-	-	-	1.7																		
2570	-	-	-	-	1.7																		
2580	57	27	3	5.2	1.7																		
2590	-	-	-	-	1.7																		
2600	-	-	-	-	1.7																		
2610	-	-	-	-	1.7																		
2620	-	-	-	-	1.7																		
2630	-	-	-	-	1.7																		
2640	54	16	3	5.4	1.7																		
2650	-	-	-	-	1.7																		
2660	-	-	-	-	1.7																		
2670	-	-	-	-	1.7																		
2680	-	-	-	-	1.7																		
2690	-	-	-	-	1.7																		

資料 3.190　流出量・降雨量および水路水位

DISCHARGE & R.I., 27 -4 -9, 531121, 1 -40 0 AREA=636.M**2 QMAX= 42.6MM/H 27 -4 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	30	8	1	1.3	27.4	540	124	50	29	42.6	39.6	1080	127	52	30	45.3	40.9	1680	62	18	5	6.6	0.
10	30	8	1	1.2	27.4	550	124	50	29	42.6	37.9	1090	-	-	-	-	39.9	1740	58	17	4	5.6	0.
20	30	8	1	1.2	27.4	560	124	50	29	42.6	44.5	1100	-	-	-	-	39.9	1800	55	17	3	4.9	0.
30	30	8	1	1.2	27.4	570	124	50	29	42.6	47.4	1110	-	-	-	-	39.9	1860	52	15	3	4.3	0.
40	30	9	1	1.2	27.4	580	124	50	29	42.6	46.1	1120	-	-	-	-	14.6	1920	50	15	2	4.0	0.
50	30	9	1	1.4	27.4	590	124	50	29	42.6	44.3	1130	-	-	-	-	14.6	1980	48	14	2	3.6	0.
60	30	9	2	1.4	32.2	600	124	50	29	42.6	44.3	1140	127	51	29	44.3	14.6	2040	46	13	2	3.2	0.
70	30	9	2	1.5	34.3	610	124	50	29	42.6	46.5	1150	-	-	-	-	14.6	2100	45	13	2	2.9	0.
80	30	9	3	1.8	35.6	620	124	50	29	42.6	47.0	1160	-	-	-	-	8.2	2160	43	12	2	2.5	0.
90	30	10	4	2.3	36.6	630	124	50	29	42.6	43.4	1170	-	-	-	-	7.5	2220	41	12	2	2.4	0.
100	30	10	5	2.5	36.0	640	124	50	29	42.9	39.5	1180	-	-	-	-	7.5	2280	40	12	1	2.2	0.
110	31	11	6	3.1	36.0	650	124	50	29	42.9	39.3	1190	-	-	-	-	7.5	2340	39	11	1	2.0	0.
120	33	13	8	4.2	36.0	660	124	50	29	42.9	38.4	1200	122	47	23	38.1	7.5	2400	37	11	1	1.6	0.
130	33	15	11	5.2	36.4	670	124	50	29	42.7	38.1	1210	-	-	-	-	7.5	2460	36	10	1	1.7	0.
140	35	16	12	6.2	37.8	680	124	50	29	42.7	39.3	1220	-	-	-	-	7.5	2520	35	10	1	1.5	0.
150	38	19	14	7.5	38.7	690	124	50	29	42.7	39.3	1230	-	-	-	-	7.5	2580	33	10	1	1.5	0.
160	42	21	16	9.3	40.9	700	124	50	29	42.5	40.5	1240	-	-	-	-	7.5	2640	33	10	1	1.7	0.
170	45	23	18	11.1	40.2	710	124	50	29	42.5	41.7	1250	-	-	-	-	7.5						
180	50	25	19	12.5	40.2	720	124	50	29	42.5	41.1	1260	108	36	17	26.2	7.5						
190	54	28	21	14.8	41.3	730	124	50	29	42.6	40.6	1270	-	-	-	-	7.5						
200	60	30	22	16.9	46.1	740	124	50	29	42.6	39.0	1280	-	-	-	-	7.5						
210	65	32	23	18.9	47.3	750	124	50	29	42.6	40.1	1290	-	-	-	-	7.5						
220	72	34	25	21.4	47.2	760	124	51	29	42.6	41.2	1300	-	-	-	-	7.5						
230	77	36	25	23.4	48.4	770	124	51	29	42.6	42.9	1310	-	-	-	-	7.0						
240	83	38	25	26.1	50.3	780	124	51	29	42.6	43.2	1320	95	31	14	18.5	7.0						
250	88	40	26	27.4	50.3	790	124	51	29	42.6	43.2	1330	-	-	-	-	7.0						
260	94	40	27	29.6	51.9	800	124	51	27	42.6	43.2	1340	-	-	-	-	7.0						
270	98	42	27	31.0	53.5	810	124	51	27	42.6	44.9	1350	-	-	-	-	7.0						
280	102	43	28	32.5	51.1	820	124	51	29	42.6	45.7	1360	-	-	-	-	7.0						
290	105	44	28	33.7	48.8	830	124	50	29	42.6	45.7	1370	-	-	-	-	7.0						
300	108	45	28	35.1	47.9	840	124	50	29	42.6	45.4	1380	86	27	12	14.7	7.0						
310	110	46	28	35.7	47.6	850	124	50	29	42.6	45.8	1390	-	-	-	-	7.0						
320	112	46	28	36.9	46.5	860	124	51	29	42.6	46.9	1400	-	-	-	-	7.0						
330	114	48	28	37.8	44.6	870	124	51	29	42.9	46.9	1410	-	-	-	-	7.0						
340	115	47	28	38.4	42.1	880	124	51	30	43.0	46.3	1420	-	-	-	-	7.0						
350	117	47	28	38.8	40.7	890	124	51	30	43.0	44.3	1430	-	-	-	-	7.0						
360	118	49	28	39.4	48.4	900	124	51	30	43.0	44.3	1440	78	25	11	12.2	7.0						
370	119	49	28	39.7	48.4	910	-	-	-	-	44.3	1450	-	-	-	-	7.0						
380	119	49	28	40.0	49.9	920	-	-	-	-	46.0	1460	-	-	-	-	7.0						
390	120	49	28	40.2	47.3	930	-	-	-	-	54.3	1470	-	-	-	-	5.3						
400	121	49	28	40.6	47.3	940	-	-	-	-	61.5	1480	-	-	-	-	5.3						
410	121	49	28	40.9	46.6	950	-	-	-	-	59.7	1490	-	-	-	-	5.3						
420	122	49	28	41.1	44.5	960	125	51	29	43.5	56.8	1500	77	22	9	11.3	5.3						
430	122	49	28	41.3	44.5	970	-	-	-	-	56.2	1510	-	-	-	-	5.3						
440	122	49	28	41.3	44.5	980	-	-	-	-	55.3	1520	-	-	-	-	5.3						
450	122	49	28	41.5	45.0	990	-	-	-	-	55.9	1530	-	-	-	-	5.3						
460	122	49	28	41.8	44.1	1000	-	-	-	-	57.3	1540	-	-	-	-	2.6						
470	123	50	28	42.4	44.1	1010	-	-	-	-	57.3	1550	-	-	-	-	2.6						
480	123	49	28	42.6	44.1	1020	125	51	30	43.7	94.6	1560	68	21	8	7.9	2.6						
490	124	50	28	42.8	42.8	1030	-	-	-	-	95.7	1570	-	-	-	-	2.6						
500	124	50	28	42.8	40.7	1040	-	-	-	-	39.1	1580	-	-	-	-	2.6						
510	124	50	28	42.7	40.7	1050	-	-	-	-	41.8	1590	-	-	-	-	2.6						
520	124	50	29	42.6	40.9	1060	-	-	-	-	44.5	1600	-	-	-	-	2.6						
530	124	50	29	42.6	41.2	1070	-	-	-	-	42.2	1620	65	20	7	7.5	0.						

資料 3.191　流出量・降雨量および水路水位

DISCHARGE & R.I.　27 -5 -9,　531121,　2=150　0 AREA=636.M**2　QMAX=123.0MM/H　27 -5 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	6	0	0.4	94.7	540	96	30	10	18.7	0.												
10	19	6	0	0.2	94.7	550	93	29	9	17.4	0.												
20	19	6	1	0.4	93.0	560	92	28	8	16.5	0.												
30	19	6	2	0.7	97.1	570	89	28	8	15.2	0.												
40	18	6	3	1.0	122.2	580	88	27	8	14.8	0.												
50	19	7	6	2.1	155.0	590	86	26	7	13.9	0.												
60	20	8	9	3.6	157.5	600	84	25	7	13.3	0.												
70	21	12	17	7.1	159.6	660	75	22	5	9.6	0.												
80	25	18	26	10.9	158.1	720	67	20	4	7.4	0.												
90	29	28	33	15.6	154.3	780	62	18	4	6.1	0.												
100	39	35	40	22.5	136.4	840	57	17	3	4.9	0.												
110	52	41	46	29.9	137.5	900	53	16	3	4.4	0.												
120	67	53	51	38.7	144.3	960	51	15	4	3.9	0.												
130	86	62	55	48.3	145.0	1020	48	14	3	3.2	0.												
140	107	70	57	60.2	143.1	1080	45	13	2	3.0	0.												
150	125	77	58	72.5	139.5	1140	44	13	2	2.9	0.												
160	141	81	58	83.2	141.4	1200	43	12	2	2.5	0.												
170	153	86	59	92.1	145.5	1260	40	12	2	2.1	0.												
180	161	90	59	97.9	138.2	1320	39	11	2	2.2	0.												
190	168	93	58	103.6	141.5	1380	38	11	4	2.1	0.												
200	174	96	58	108.9	141.2	1440	37	11	2	1.7	0.												
210	178	99	58	113.3	143.9	1500	36	10	1	1.7	0.												
220	183	101	59	118.1	84.5	1560	35	10	2	1.6	0.												
230	186	102	59	120.9	39.2	1620	34	9	1	1.5	0.												
240	188	102	59	122.8	20.0	1680	33	9	1	1.4	0.												
250	189	101	57	122.9	20.0	1740	32	9	1	1.3	0.												
260	190	100	54	122.6	20.0	1800	32	9	1	1.5	0.												
270	189	96	50	119.3	17.8																		
280	188	93	46	115.2	16.8																		
290	184	89	43	108.2	16.8																		
300	181	85	41	101.5	16.8																		
310	177	81	38	94.6	2.9																		
320	172	78	37	87.8	2.9																		
330	167	73	35	79.8	2.9																		
340	162	70	33	73.5	2.9																		
350	157	67	31	66.7	2.9																		
360	152	63	29	61.4	2.9																		
370	147	60	27	56.5	2.9																		
380	142	55	25	51.2	2.9																		
390	137	53	24	46.4	2.9																		
400	134	50	23	43.5	2.9																		
410	129	47	22	39.5	2.9																		
420	125	46	21	36.8	2.9																		
430	122	44	20	34.1	2.9																		
440	119	43	19	32.7	0.																		
450	116	41	18	30.4	0.																		
460	113	40	17	28.7	0.																		
470	111	38	16	27.4	0.																		
480	108	37	14	25.4	0.																		
490	105	35	13	24.4	0.																		
500	103	35	12	23.1	0.																		
510	101	34	11	21.9	0.																		
520	100	33	11	21.1	0.																		
530	98	32	9	19.8	0.																		

資料 3.192　流出量・降雨量および水路水位

DISCHARGE & R.I. 27 -6 -9, 531121, 1-150 0 AREA=636.M**2 QMAX=152.0MM/H 27 -6 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	28	7	1	1.1	103.9
10	28	7	1	0.6	103.9
20	27	7	1	1.1	101.5
30	27	8	2	1.3	101.9
40	27	8	4	2.3	126.8
50	28	9	6	4.1	150.0
60	29	13	12	6.1	155.4
70	32	18	19	10.0	158.9
80	37	25	25	14.6	156.7
90	43	31	34	19.8	152.8
100	55	38	39	27.9	154.1
110	69	50	44	35.9	159.0
120	84	59	49	44.9	144.3
130	104	66	53	56.7	156.0
140	122	75	55	69.0	166.4
150	137	80	58	81.1	172.9
160	151	85	58	91.3	165.5
170	161	91	59	100.3	145.7
180	170	95	59	107.9	140.4
190	177	98	59	115.7	137.9
200	182	101	60	120.3	124.5
210	187	102	60	126.1	138.3
220	191	105	60	130.1	148.9
230	193	105	60	133.7	135.7
240	195	108	60	135.2	135.7
250	197	108	60	138.0	148.4
260	199	109	60	139.5	155.3
270	200	109	60	141.3	147.8
280	200	109	60	141.4	148.2
290	201	111	60	142.3	170.4
300	201	110	60	142.8	158.8
310	202	111	61	144.0	148.0
320	202	111	61	145.0	140.0
330	204	112	61	147.2	145.9
340	204	112	61	147.6	149.8
350	204	112	61	148.0	140.3
360	204	112	61	147.6	141.3
370	205	113	61	148.1	153.6
380	205	112	61	147.9	165.0
390	205	112	61	147.9	153.2
400	205	112	60	147.8	150.0
410	204	112	60	147.3	146.4
420	204	111	60	147.3	149.6
430	204	112	60	147.3	164.5
440	205	112	60	148.1	174.5
450	205	113	61	148.1	170.0
460	205	113	61	148.2	151.8
470	205	113	61	148.7	153.3
480	205	112	61	148.7	154.6
490	205	112	61	149.2	152.7
500	205	112	61	149.2	156.5
510	205	112	60	149.2	161.4
520	205	112	60	149.3	152.1
530	206	112	60	149.9	143.6
540	206	112	60	149.9	147.9
550	206	112	60	151.1	151.7
560	206	112	60	151.2	144.5
570	206	113	60	151.2	146.3
580	206	113	61	151.0	149.7
590	207	113	61	152.1	152.8
600	207	113	61	152.1	149.0
610	207	113	61	152.1	142.3
620	207	113	61	152.0	134.6
630	207	113	61	152.0	134.6
640	207	113	61	152.0	144.6
650	207	113	61	152.0	145.6
660	207	113	61	151.9	156.9
670	207	113	61	151.9	150.0
680	207	113	60	151.9	138.9
690	206	113	60	151.3	138.1
700	206	113	60	151.3	147.4
710	206	113	60	151.2	151.3
720	206	113	60	151.4	167.1
730	206	113	60	151.5	169.0
740	206	113	61	150.9	176.4
750	206	113	61	151.5	153.9
760	207	113	61	152.0	140.9
770	207	113	61	152.1	146.6
780	207	113	61	152.0	143.0
790	207	113	61	152.0	145.3
800	207	113	61	152.0	152.9
810	207	114	61	152.0	160.8
820	207	114	60	151.9	160.9
830	207	114	61	151.9	140.5
840	207	114	61	151.8	141.8
850	206	114	61	151.2	150.0
860	206	115	61	151.1	140.7
870	206	115	61	150.5	139.9
880	206	114	61	150.4	142.5
890	206	114	61	149.7	134.4
900	206	112	61	149.8	136.5
910	-	-	-	-	135.0
920	-	-	-	-	136.7
930	-	-	-	-	132.3
940	-	-	-	-	120.5
950	-	-	-	-	130.3
960	204	112	61	146.5	131.5
970	-	-	-	-	132.3
980	-	-	-	-	143.3
990	-	-	-	-	141.4
1000	-	-	-	-	141.1
1010	-	-	-	-	131.3
1020	204	114	61	147.7	137.6
1030	-	-	-	-	140.4
1040	-	-	-	-	154.0
1050	-	-	-	-	150.1
1060	-	-	-	-	144.0
1070	-	-	-	-	156.9
1080	206	113	61	151.4	142.9
1090	-	-	-	-	143.5
1100	-	-	-	-	77.1
1110	-	-	-	-	60.6
1120	-	-	-	-	45.6
1130	-	-	-	-	30.6
1140	204	105	54	143.5	28.9
1150	-	-	-	-	25.9
1160	-	-	-	-	22.9
1170	-	-	-	-	22.9
1180	-	-	-	-	22.9
1190	-	-	-	-	22.9
1200	181	81	36	100.7	22.9
1210	-	-	-	-	12.2
1220	-	-	-	-	12.2
1230	-	-	-	-	12.2
1240	-	-	-	-	12.2
1250	-	-	-	-	12.8
1260	149	59	25	58.8	10.2
1270	-	-	-	-	10.2
1280	-	-	-	-	10.2
1290	-	-	-	-	10.2
1300	-	-	-	-	10.2
1320	124	46	18	35.9	0.
1380	106	34	12	24.1	0.
1440	93	29	9	17.3	0.
1500	83	25	6	12.7	0.
1560	74	22	5	9.7	0.
1620	68	20	4	7.7	0.
1680	62	18	4	6.3	0.
1740	58	17	3	5.4	0.
1800	55	16	3	6.1	0.
1860	61	15	3	6.6	0.
1920	49	14	2	2.1	0.
1980	47	14	2	3.3	0.
2040	45	14	2	3.0	0.
2100	43	13	2	2.6	0.
2160	42	12	2	2.4	0.
2220	40	12	1	2.3	0.
2280	39	12	1	2.3	0.
2340	38	11	1	2.0	0.
2400	37	11	1	1.8	0.
2460	36	11	1	1.9	0.
2520	36	10	1	1.7	0.
2580	35	10	1	1.5	0.
2640	33	10	1	1.7	0.

資料 3.193　流出量・降雨量および水路水位

DISCHARGE & R.I.　27 -7 -9,　531121,　2-120　0 AREA=636.M**2　QMAX= 94.9MM/H　　27 -7 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	9	1	1.2	112.8	540	92	31	12	17.5	0.												
10	29	9	2	1.2	112.8	550	90	30	11	16.4	0.												
20	29	10	2	1.3	84.5	560	89	29	10	16.0	0.												
30	29	10	3	1.6	87.0	570	87	28	9	15.0	0.												
40	29	11	4	2.2	96.1	580	85	27	9	14.4	0.												
50	30	12	7	3.1	112.1	590	84	26	8	13.7	0.												
60	31	14	9	4.8	115.0	600	83	26	7	13.2	0.												
70	33	17	14	7.3	118.8	660	75	24	6	10.2	0.												
80	35	23	20	11.4	115.8	720	69	21	4	8.3	0.												
90	40	28	27	14.6	114.2	780	64	20	4	6.7	0.												
100	48	34	34	20.0	116.5	840	59	18	3	5.5	0.												
110	61	41	39	27.1	119.6	900	55	17	3	4.6	0.												
120	70	49	42	32.8	118.9	960	52	16	3	3.9	0.												
130	84	56	45	41.1	112.9	1020	48	14	3	3.3	0.												
140	100	62	47	48.6	112.5	1080	46	13	2	3.1	0.												
150	114	67	49	58.2	108.9	1140	45	13	2	2.9	0.												
160	129	72	50	67.9	111.6	1200	43	12	2	2.4	0.												
170	138	77	52	74.1	121.0	1260	41	12	2	2.2	0.												
180	147	80	53	80.0	123.5	1320	39	12	2	2.1	0.												
190	154	83	54	84.3	122.4	1380	38	11	1	2.0	0.												
200	159	85	54	88.3	54.5	1440	36	11	1	1.7	0.												
210	164	86	54	92.7	10.7	1500	36	11	1	1.8	0.												
220	167	87	52	94.8	10.7	1560	35	10	1	1.5	0.												
230	169	87	50	95.4	10.7	1620	33	10	1	1.5	0.												
240	171	86	48	95.7	10.7	1680	33	10	1	1.5	0.												
250	171	85	45	94.6	10.7	1740	32	10	1	1.2	0.												
260	170	82	42	91.8	10.7	1800	32	10	1	1.5	0.												
270	168	81	39	87.4	10.7																		
280	166	77	37	83.3	11.2																		
290	163	74	34	78.2	15.5																		
300	160	70	32	73.9	15.5																		
310	155	67	30	67.2	15.5																		
320	151	64	28	61.7	15.5																		
330	147	61	26	56.5	15.4																		
340	143	57	25	52.4	14.6																		
350	138	54	24	48.1	14.6																		
360	134	51	22	44.7	14.6																		
370	130	48	22	41.1	14.6																		
380	127	46	21	38.3	14.8																		
390	123	45	21	35.3	3.7																		
400	120	44	20	33.3	3.7																		
410	117	43	19	31.5	3.7																		
420	114	42	18	29.8	3.7																		
430	112	40	17	28.6	3.7																		
440	109	39	16	27.0	3.7																		
450	107	38	16	25.8	3.7																		
460	105	37	16	24.6	3.7																		
470	103	36	15	23.4	3.7																		
480	102	35	15	22.6	3.7																		
490	99	34	14	21.3	3.7																		
500	98	33	14	20.6	3.7																		
510	96	33	14	19.8	3.7																		
520	95	33	13	19.0	3.7																		
530	93	32	13	18.3	3.7																		

資料 3.194　流出量・降雨量および水路水位

DISCHARGE & R.I. 27 -8 -9, 531121, 2-100 0 AREA=636.M**2 QMAX= 73.3MM/H 27 -8 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	27	8	1	1.0	86.8	540	88	28	9	15.8	0.												
10	27	8	1	1.0	86.8	550	87	28	8	15.0	0.												
20	27	8	2	1.1	86.8	560	86	28	8	14.5	0.												
30	27	9	2	1.2	77.6	570	85	27	8	14.4	0.												
40	27	10	4	1.8	81.5	580	83	26	7	13.7	0.												
50	28	10	5	2.2	79.7	590	82	25	6	13.4	0.												
60	28	12	7	3.3	80.4	600	81	25	6	12.9	0.												
70	29	15	10	4.6	85.3	660	75	23	5	10.1	0.												
80	31	18	13	7.1	88.3	720	68	20	4	7.9	0.												
90	34	22	17	9.9	89.1	780	63	18	3	6.6	0.												
100	38	26	22	13.1	86.7	840	58	17	3	5.3	0.												
110	46	31	27	17.4	88.3	900	54	16	3	4.5	0.												
120	54	36	30	21.9	95.3	960	52	15	3	4.1	0.												
130	65	42	35	27.4	94.8	1020	48	15	2	3.2	0.												
140	75	47	38	32.4	90.0	1080	46	14	2	3.0	0.												
150	88	52	40	38.2	88.0	1140	44	13	2	2.8	0.												
160	100	56	41	44.7	89.4	1200	42	13	2	2.4	0.												
170	112	60	43	51.2	89.4	1260	41	12	2	2.3	0.												
180	121	63	44	56.1	78.3	1320	39	12	2	2.1	0.												
190	129	67	45	61.2	62.2	1380	38	11	2	2.1	0.												
200	136	68	45	64.5	33.6	1440	37	11	1	1.9	0.												
210	141	71	46	67.9	27.6	1500	36	11	1	1.7	0.												
220	146	73	46	70.8	27.6	1560	35	10	1	1.6	0.												
230	149	74	45	72.4	27.6	1620	34	10	1	1.5	0.												
240	152	74	44	74.1	28.3	1680	33	10	1	1.4	0.												
250	153	74	42	74.6	28.8	1740	32	10	1	1.5	0.												
260	154	72	39	73.5	28.8	1800	33	9	1	1.6	0.												
270	154	71	37	72.6	28.8																		
280	153	68	35	70.2	33.9																		
290	152	67	34	67.3	28.5																		
300	149	64	32	63.2	6.3																		
310	147	62	31	59.8	6.3																		
320	144	59	30	55.9	6.3																		
330	140	57	29	52.1	6.3																		
340	137	55	27	48.8	6.3																		
350	134	53	26	45.7	6.3																		
360	131	51	25	42.8	6.3																		
370	128	49	24	40.1	7.0																		
380	124	47	22	37.2	8.0																		
390	122	44	20	35.4	8.0																		
400	118	43	19	32.6	8.0																		
410	116	42	17	30.5	8.0																		
420	113	40	17	28.6	8.0																		
430	110	38	16	27.0	8.0																		
440	107	37	15	25.0	8.0																		
450	105	36	14	23.6	8.0																		
460	103	35	13	22.5	8.0																		
470	100	34	13	21.4	8.0																		
480	99	33	12	20.8	8.0																		
490	97	32	11	20.1	8.0																		
500	95	31	10	18.9	8.0																		
510	93	30	10	18.0	8.0																		
520	92	29	9	17.4	0.																		
530	90	29	9	16.5	0.																		

資料 3.195　流出量・降雨量および水路水位

DISCHARGE & R.I.　27 -9 -9,　531121,　1 -30　0 AREA=636.M**2　QMAX= 33.3MM/H　　27 -9 -9

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	29	8	0	1.2	28.1	540	109	43	25	31.1	31.8	1080	112	44	25	33.0	37.8						
10	29	8	0	1.2	28.1	550	109	43	25	31.4	31.3	1090	-	-	-	-	37.8						
20	29	8	0	1.2	28.1	560	109	43	25	31.4	30.9	1100	-	-	-	-	37.8						
30	29	8	1	1.2	28.1	570	109	43	25	31.5	30.5	1110	-	-	-	-	36.2						
40	29	8	1	1.2	28.1	580	110	43	25	32.0	30.5	1120	-	-	-	-	33.7						
50	29	8	1	1.2	28.1	590	110	43	25	32.0	30.5	1130	-	-	-	-	33.1						
60	29	8	2	1.2	29.0	600	110	43	25	32.3	30.6	1140	112	42	25	33.0	33.1						
70	29	8	2	1.2	29.0	610	111	43	25	33.3	30.9	1150	-	-	-	-	33.1						
80	29	8	2	1.5	28.9	620	111	44	25	33.3	31.4	1160	-	-	-	-	33.1						
90	29	8	3	1.7	28.9	630	112	43	25	33.4	31.7	1170	-	-	-	-	33.3						
100	29	9	4	2.2	29.1	640	112	43	25	33.2	31.7	1180	-	-	-	-	35.4						
110	30	9	5	2.8	29.8	650	112	44	25	33.2	31.7	1190	-	-	-	-	35.4						
120	30	10	6	3.5	29.8	660	112	43	25	33.2	32.2	1200	112	43	25	33.0	35.4						
130	32	11	7	4.6	29.8	670	112	44	25	33.1	32.2	1210	-	-	-	-	35.4						
140	34	12	9	5.4	30.1	680	112	44	25	33.1	34.9	1220	-	-	-	-	24.5						
150	36	14	10	6.4	30.9	690	112	44	25	33.4	35.2	1230	-	-	-	-	23.4						
160	38	15	11	7.3	31.1	700	112	44	25	33.4	34.9	1240	-	-	-	-	23.4						
170	42	16	13	8.4	33.6	710	112	44	25	33.4	33.5	1250	-	-	-	-	23.4						
180	45	18	14	9.7	33.6	720	112	44	25	33.3	33.5	1260	112	44	25	33.0	23.4						
190	48	20	15	10.9	33.6	730	112	44	25	33.3	34.6	1270	-	-	-	-	11.1						
200	52	22	17	11.9	34.4	740	112	44	25	33.3	34.7	1320	112	41	22	32.0	0.						
210	56	23	17	13.1	34.7	750	112	44	25	33.3	34.7	1380	105	36	17	25.4	0.						
220	60	25	18	14.6	34.7	760	112	44	25	33.3	35.2	1440	94	31	15	18.2	0.						
230	64	27	19	16.1	34.7	770	112	44	25	33.3	35.9	1500	84	27	13	13.8	0.						
240	68	29	20	17.0	34.7	780	112	44	25	33.3	36.3	1560	78	25	11	11.7	0.						
250	72	30	20	18.2	34.3	790	112	44	25	33.3	35.5	1620	73	22	9	10.0	0.						
260	77	31	21	19.6	34.0	800	112	44	25	33.3	35.5	1680	68	20	8	8.2	0.						
270	80	33	22	20.5	34.0	810	112	44	25	33.3	35.6	1740	64	19	6	6.9	0.						
280	83	34	22	21.8	31.6	820	112	43	25	33.3	34.9	1800	59	17	6	5.7	0.						
290	86	34	22	22.4	31.6	830	112	43	25	33.3	34.8	1860	56	16	5	5.1	0.						
300	89	35	22	23.7	31.9	840	112	43	25	33.2	34.8	1920	54	16	5	4.7	0.						
310	92	35	23	24.7	32.3	850	112	43	25	33.2	34.8	1980	51	15	4	4.2	0.						
320	94	36	23	25.4	32.3	860	112	43	25	33.2	35.8	2040	49	14	3	3.7	0.						
330	96	36	23	26.1	32.3	870	112	43	25	32.9	37.2	2100	47	14	3	3.4	0.						
340	97	36	23	26.4	32.3	880	112	43	25	33.0	37.2	2160	45	14	2	3.1	0.						
350	99	38	23	27.0	32.0	890	112	43	25	33.0	37.2	2220	44	13	2	2.8	0.						
360	100	38	24	27.3	31.6	900	112	43	25	33.0	38.1	2280	42	12	2	2.6	0.						
370	102	38	24	28.3	31.6	910	-	-	-	-	39.6	2340	41	12	2	2.4	0.						
380	103	40	24	28.4	31.6	920	-	-	-	-	38.7	2400	39	12	1	2.2	0.						
390	103	40	25	28.4	31.6	930	-	-	-	-	38.7	2460	39	11	1	2.2	0.						
400	104	40	25	28.9	30.5	940	-	-	-	-	34.3	2520	38	11	1	2.0	0.						
410	105	40	25	29.3	31.7	950	-	-	-	-	34.3	2580	37	10	1	1.8	0.						
420	105	40	25	29.3	32.8	960	112	43	25	33.0	34.3	2640	36	10	1	2.0	0.						
430	106	40	25	29.6	33.7	970	-	-	-	-	35.4												
440	106	40	25	30.0	33.7	980	-	-	-	-	36.7												
450	107	41	25	30.4	34.5	990	-	-	-	-	37.7												
460	108	41	25	30.8	34.1	1000	-	-	-	-	37.7												
470	108	42	25	31.1	34.1	1010	-	-	-	-	38.3												
480	108	42	25	31.0	34.1	1020	112	44	25	33.0	37.4												
490	109	42	25	31.0	34.1	1030	-	-	-	-	37.6												
500	109	42	25	31.1	32.9	1040	-	-	-	-	37.9												
510	109	42	25	31.3	32.5	1050	-	-	-	-	37.9												
520	109	42	25	31.3	32.4	1060	-	-	-	-	37.9												
530	109	42	25	31.2	32.4	1070	-	-	-	-	37.9												

資料 3.196　流出量・降雨量および水路水位

DISCHARGE & R.I. 28 -1-10, 531127, 2-100 0 AREA=323.M**2 QMAX= 59.5MM/H 28 -1 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	8	6	6	0.1	58.4	540	66	21	13	12.5	0.												
10	8	6	6	0.4	58.4	550	65	21	13	12.3	0.												
20	8	6	6	0.4	58.4	560	64	20	12	11.5	0.												
30	8	6	6	0.3	46.8	570	63	20	12	11.5	0.												
40	8	6	6	0.5	43.9	580	61	20	11	10.8	0.												
50	8	6	8	0.5	43.9	590	60	19	11	10.1	0.												
60	8	6	9	1.1	46.2	600	59	19	11	9.8	0.												
70	9	6	11	2.0	49.6	660	53	17	10	6.6	0.												
80	9	6	13	3.5	49.6	720	47	17	9	4.6	0.												
90	10	6	19	6.2	52.8	780	43	16	8	3.8	0.												
100	12	6	22	9.9	55.0	840	39	16	8	3.0	0.												
110	14	6	29	15.4	68.5	900	37	15	8	2.8	0.												
120	19	26	33	20.3	78.2	960	34	15	7	2.2	0.												
130	25	30	36	25.8	78.6	1020	32	14	7	2.0	0.												
140	34	34	38	31.6	82.7	1080	30	14	7	1.4	0.												
150	42	36	41	36.7	80.4	1140	28	13	7	1.1	0.												
160	52	38	42	41.9	72.6	1200	27	13	6	1.3	0.												
170	61	41	43	45.1	73.5	1260	25	13	6	1.1	0.												
180	70	42	44	50.3	78.3	1320	25	13	6	1.0	0.												
190	78	44	45	54.0	80.4	1380	23	12	6	0.8	0.												
200	85	46	47	56.6	65.0	1440	23	12	6	0.9	0.												
210	92	46	47	61.0	59.9	1500	22	9	6	0.8	0.												
220	97	47	47	62.7	61.2	1560	22	9	6	0.7	0.												
230	101	49	45	64.2	61.2	1620	20	9	6	0.4	0.												
240	105	48	42	64.6	61.2	1680	20	9	6	0.7	0.												
250	107	45	41	63.5	21.0	1740	19	9	6	0.5	0.												
260	107	46	40	61.5	26.5	1800	19	9	6	0.8	0.												
270	108	44	38	59.7	26.5																		
280	107	44	37	56.4	26.5																		
290	107	43	37	54.2	28.1																		
300	105	41	36	50.4	28.1																		
310	103	39	34	47.5	28.1																		
320	102	38	33	44.7	23.6																		
330	100	37	31	42.2	22.5																		
340	97	37	30	38.8	22.5																		
350	96	36	29	36.3	22.5																		
360	94	35	29	34.4	0.																		
370	91	34	27	32.0	0.																		
380	89	33	27	30.5	0.																		
390	88	31	26	29.1	0.																		
400	85	31	25	27.0	0.																		
410	85	30	24	27.3	0.																		
420	83	30	22	26.2	0.																		
430	81	29	21	25.4	0.																		
440	81	28	19	25.0	0.																		
450	80	28	19	24.2	0.																		
460	78	26	18	22.6	0.																		
470	78	26	17	21.6	0.																		
480	76	25	16	20.0	0.																		
490	74	25	15	18.3	0.																		
500	73	24	15	16.2	0.																		
510	71	24	14	14.9	0.																		
520	69	23	14	14.1	0.																		
530	68	22	13	13.6	0.																		

資料 3.197　流出量・降雨量および水路水位

DISCHARGE & R.I.　28 -2-10,　531127,　1-200　0 AREA=318.M**2　QMAX=192.8MM/H　28 -2 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	16	8	6	0.6	100.1
10	16	8	8	0.9	100.1
20	16	9	10	3.1	100.1
30	16	10	13	4.8	141.7
40	16	12	18	8.9	161.0
50	19	17	24	14.7	160.0
60	23	24	33	23.4	168.0
70	29	31	45	33.0	158.6
80	39	40	54	43.2	142.9
90	52	48	61	57.2	155.5
100	66	56	63	70.7	157.0
110	82	62	63	86.1	158.6
120	100	68	64	102.7	151.8
130	116	74	66	120.3	161.2
140	129	78	65	137.2	157.1
150	138	80	66	145.7	176.6
160	146	83	66	156.4	160.1
170	153	86	67	165.2	167.1
180	157	88	67	169.2	160.3
190	162	89	67	177.6	156.6
200	164	91	66	180.6	166.7
210	166	91	66	184.6	159.3
220	168	92	66	185.9	147.8
230	169	93	66	188.0	154.7
240	170	93	66	188.7	166.5
250	170	93	66	189.0	172.4
260	170	93	66	189.5	166.8
270	171	93	65	191.2	169.3
280	172	93	66	193.5	154.2
290	172	94	67	195.7	147.9
300	173	95	67	197.0	150.5
310	174	95	67	200.2	148.5
320	175	96	66	202.5	150.0
330	175	96	66	201.9	142.7
340	175	96	66	201.0	144.2
350	175	95	66	199.6	150.3
360	175	95	66	198.5	156.5
370	175	95	66	197.4	161.8
380	173	94	66	193.9	162.6
390	173	94	66	193.0	165.0
400	173	94	66	192.3	167.6
410	173	94	66	192.7	161.3
420	172	94	66	191.8	155.2
430	172	93	66	192.2	185.8
440	172	93	66	190.5	161.7
450	171	93	66	190.2	169.8
460	172	93	66	191.0	169.8
470	172	93	67	191.4	170.7
480	172	95	67	193.4	156.0
490	172	95	67	193.4	158.2
500	172	95	66	193.4	176.6
510	172	95	66	193.0	179.9
520	173	95	66	194.0	182.2
530	173	95	66	194.0	179.0
540	173	95	66	193.9	166.9
550	173	95	66	194.5	164.0
560	173	95	66	194.5	165.5
570	173	95	66	193.7	172.0
580	173	95	66	193.5	160.0
590	173	95	66	193.5	162.5
600	173	95	66	193.5	171.4
610	173	95	66	193.5	171.8
620	173	95	66	193.5	200.0
630	172	95	66	192.6	172.5
640	172	95	66	192.6	162.0
650	172	95	66	192.6	151.1
660	172	95	66	192.8	155.4
670	172	95	66	192.8	180.1
680	172	94	66	192.8	183.0
690	172	94	66	192.8	174.3
700	172	94	66	192.8	175.0
710	172	94	66	192.8	184.2
720	172	93	66	192.8	175.8
730	172	93	66	192.8	185.3
740	172	94	66	192.8	178.2
750	172	94	66	192.8	174.2
760	172	94	66	192.8	157.3
770	172	94	67	193.0	165.0
780	172	94	67	193.2	180.3
790	172	94	67	193.4	178.7
800	173	94	66	194.4	186.8
810	173	95	66	195.3	205.6
820	173	95	66	196.2	178.6
830	174	95	66	196.9	178.0
840	174	95	66	196.7	180.0
850	174	95	66	196.5	183.7
860	174	95	66	196.3	174.8
870	174	95	66	196.3	182.4
880	174	95	66	196.0	196.7
890	174	95	66	196.0	173.0
900	174	95	66	195.9	157.3
910	-	-	-	-	151.5
920	-	-	-	-	177.1
930	-	-	-	-	171.5
940	-	-	-	-	177.9
950	-	-	-	-	175.3
960	173	94	66	193.3	175.0
970	-	-	-	-	190.8
980	-	-	-	-	182.4
990	-	-	-	-	181.2
1000	-	-	-	-	168.3
1010	-	-	-	-	173.5
1020	172	95	66	192.7	192.5
1030	-	-	-	-	177.7
1040	-	-	-	-	126.8
1050	-	-	-	-	127.7
1060	-	-	-	-	120.0
1070	-	-	-	-	38.6
1080	172	91	64	185.5	21.4
1090	-	-	-	-	21.4
1100	-	-	-	-	18.7
1110	-	-	-	-	14.6
1120	-	-	-	-	14.6
1130	-	-	-	-	14.6
1140	148	65	44	115.8	0.
1200	116	44	30	55.8	0.
1260	94	34	23	32.7	0.
1320	81	28	19	23.1	0.
1380	72	24	16	17.3	0.
1440	65	21	13	12.5	0.
1500	57	18	10	8.9	0.
1560	52	16	9	6.8	0.
1620	47	15	8	4.9	0.
1680	43	14	8	4.2	0.
1740	40	13	7	3.5	0.
1800	37	12	7	3.0	0.
1860	35	12	6	2.7	0.
1920	34	12	6	2.4	0.
1980	32	11	6	2.0	0.
2040	30	11	6	1.8	0.
2100	29	10	6	1.6	0.
2160	28	10	5	1.7	0.
2220	27	10	5	1.4	0.
2280	26	10	5	1.2	0.
2340	25	10	5	1.7	0.

資料 3.198　流出量・降雨量および水路水位

DISCHARGE & R.I.　28 -3-10,　531127,　2-100　0 AREA=323.M**2　QMAX= 74.2MM/H　　28 -3 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	23	9	6	1.4	86.1	540	68	23	16	14.7	0.												
10	23	9	6	1.6	86.1	550	67	22	15	14.5	0.												
20	23	9	7	1.8	86.1	560	66	22	14	13.6	0.												
30	23	10	8	2.1	72.2	570	64	21	13	13.0	0.												
40	23	10	10	3.3	72.2	580	64	21	12	12.4	0.												
50	24	11	12	5.0	77.3	590	63	20	11	11.6	0.												
60	24	14	15	7.0	85.8	600	62	20	11	11.1	0.												
70	26	16	19	11.3	88.8	660	55	17	9	7.7	0.												
80	29	20	23	15.6	89.6	720	50	16	8	5.9	0.												
90	32	24	29	21.0	90.8	780	45	15	7	4.6	0.												
100	39	28	34	26.8	103.6	840	42	14	7	3.7	0.												
110	46	33	37	31.7	121.1	900	38	13	7	3.0	0.												
120	54	36	40	38.6	84.8	960	36	12	6	2.8	0.												
130	63	39	42	43.6	85.0	1020	34	12	6	2.4	0.												
140	70	42	44	48.8	88.2	1080	32	11	6	2.2	0.												
150	78	45	45	54.2	98.5	1140	31	11	6	2.0	0.												
160	86	47	47	59.2	99.6	1200	30	10	6	1.7	0.												
170	93	49	49	65.3	93.7	1260	29	10	6	1.6	0.												
180	100	51	50	69.8	89.4	1320	27	10	6	1.4	0.												
190	105	53	50	73.5	46.4	1380	26	10	6	1.3	0.												
200	110	54	50	76.9	13.0	1440	25	9	5	1.1	0.												
210	113	55	50	78.2	13.0	1500	24	9	5	1.0	0.												
220	116	55	49	78.6	13.0	1560	24	9	5	1.2	0.												
230	118	55	48	77.8	13.5	1620	23	9	5	1.1	0.												
240	118	54	45	75.7	14.3	1680	23	9	5	0.9	0.												
250	118	52	43	72.8	14.3	1740	22	9	5	0.9	0.												
260	118	51	41	70.0	14.3	1800	22	9	5	1.2	0.												
270	116	49	40	65.7	15.4																		
280	114	47	37	62.1	20.0																		
290	112	45	36	57.5	20.0																		
300	110	43	34	53.2	18.4																		
310	107	42	33	49.0	12.2																		
320	105	40	32	45.9	12.2																		
330	102	39	31	42.3	12.2																		
340	99	37	28	39.0	12.2																		
350	97	36	27	37.0	11.0																		
360	95	35	25	34.7	8.2																		
370	92	34	24	32.6	8.2																		
380	90	33	23	30.3	8.2																		
390	88	32	23	29.1	8.2																		
400	86	30	22	26.9	8.2																		
410	84	30	21	25.9	8.2																		
420	83	29	21	24.9	8.2																		
430	81	28	20	23.7	0.																		
440	80	28	20	23.1	0.																		
450	78	27	19	21.7	0.																		
460	77	26	19	21.7	0.																		
470	76	26	18	20.0	0.																		
480	74	25	18	19.4	0.																		
490	74	25	17	18.5	0.																		
500	72	25	16	17.7	0.																		
510	71	24	16	17.0	0.																		
520	70	24	16	16.1	0.																		
530	69	23	16	15.8	0.																		

資料 3.199　流出量・降雨量および水路水位

DISCHARGE & R.I.　28 -4-10,　531127,　2=120　0 AREA=323.M**2　QMAX= 93.1MM/H　　28 -4 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	10	6	6	0.2	110.8	540	70	23	13	15.3	0.												
10	10	6	6	0.5	110.8	550	68	22	12	14.4	0.												
20	10	6	6	0.7	107.9	560	67	22	12	13.7	0.												
30	10	6	7	1.0	98.4	570	66	22	11	12.7	0.												
40	10	6	9	2.1	96.0	580	64	21	11	12.0	0.												
50	11	8	11	3.8	103.0	590	63	20	11	11.6	0.												
60	11	10	15	6.3	105.1	600	62	20	10	10.7	0.												
70	13	14	21	10.2	121.2	660	55	18	9	7.4	0.												
80	16	21	27	16.3	121.5	720	50	16	8	5.9	0.												
90	20	25	34	22.5	111.9	780	45	15	7	4.7	0.												
100	27	31	41	29.4	109.9	840	42	14	7	4.0	0.												
110	37	37	44	36.9	108.6	900	39	13	6	3.1	0.												
120	47	40	47	45.0	115.7	960	36	13	6	2.6	0.												
130	59	45	49	52.4	116.9	1020	34	12	6	2.5	0.												
140	70	48	51	59.8	107.6	1080	33	12	6	2.2	0.												
150	82	52	53	67.9	109.6	1140	31	12	6	1.9	0.												
160	92	54	54	74.3	108.6	1200	30	11	6	1.7	0.												
170	102	57	55	81.8	107.0	1260	29	11	5	1.6	0.												
180	110	59	56	88.0	106.9	1320	27	10	5	1.5	0.												
190	116	61	57	92.9	79.0	1380	27	10	5	1.5	0.												
200	121	62	57	95.3	67.1	1440	26	10	5	1.2	0.												
210	125	63	57	97.2	13.2	1500	25	10	5	1.1	0.												
220	128	63	55	97.5	13.2	1560	24	10	5	1.0	0.												
230	129	62	53	97.1	13.2	1620	23	10	5	1.1	0.												
240	129	61	50	93.3	13.2	1680	23	10	5	1.0	0.												
250	129	59	48	89.7	13.2	1740	22	9	5	0.9	0.												
260	128	57	45	83.9	13.2	1800	22	9	5	1.2	0.												
270	125	54	42	78.2	13.2																		
280	123	51	40	71.9	13.2																		
290	120	49	37	65.9	13.2																		
300	117	47	36	60.1	13.2																		
310	113	44	34	54.1	18.4																		
320	110	42	31	49.4	20.6																		
330	106	40	31	44.9	20.6																		
340	103	38	29	41.4	20.6																		
350	99	37	27	37.7	7.6																		
360	97	36	25	35.6	7.6																		
370	94	35	24	33.2	7.6																		
380	92	33	24	31.7	7.6																		
390	89	32	23	28.8	7.6																		
400	87	31	23	28.2	7.6																		
410	85	31	22	26.7	2.2																		
420	83	30	22	25.6	2.2																		
430	83	30	22	25.6	2.2																		
440	81	30	22	24.5	2.2																		
450	80	29	21	24.2	2.2																		
460	79	28	20	23.0	2.2																		
470	78	28	19	22.3	2.2																		
480	77	27	18	21.9	0.																		
490	75	27	17	20.3	0.																		
500	74	26	16	19.8	0.																		
510	74	25	15	19.1	0.																		
520	72	24	14	17.5	0.																		
530	71	24	14	16.6	0.																		

資料 3.200　流出量・降雨量および水路水位

DISCHARGE & R.I. 28 -5-10, 531127, 1=120 0 AREA=318.M**2 QMAX=114.9MM/H 28 -5 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	20	9	5	1.0	94.9	540	140	68	58	114.9	104.1	1080	136	62	49	99.5	12.3						
10	20	9	5	1.0	94.9	550	140	68	58	114.9	100.2	1090	-	-	-	-	12.3						
20	20	9	5	1.3	94.9	560	140	68	58	114.9	112.2	1100	-	-	-	-	12.3						
30	20	9	6	1.6	96.0	570	140	68	58	114.9	106.8	1110	-	-	-	-	12.3						
40	20	10	9	3.0	100.8	580	140	68	58	114.9	101.3	1120	-	-	-	-	12.3						
50	21	11	11	4.9	107.4	590	140	68	58	114.9	100.3	1130	-	-	-	-	12.3						
60	21	14	15	7.3	113.9	600	140	68	58	115.1	100.9	1140	117	46	33	61.5	21.9						
70	24	17	20	12.0	126.2	610	140	68	58	115.1	99.7	1150	-	-	-	-	26.0						
80	27	21	27	17.5	115.4	620	140	68	58	115.1	103.9	1160	-	-	-	-	26.0						
90	30	26	35	24.6	110.8	630	140	68	58	115.8	114.5	1170	-	-	-	-	18.5						
100	38	33	40	30.3	110.8	640	140	68	58	115.8	103.5	1180	-	-	-	-	15.3						
110	46	37	44	37.2	141.8	650	140	68	58	115.8	102.4	1190	-	-	-	-	15.3						
120	57	41	47	46.7	100.8	660	140	68	58	115.6	107.5	1200	97	35	25	36.4	15.3						
130	66	46	49	53.5	96.1	670	140	68	58	115.6	103.7	1210	-	-	-	-	15.3						
140	75	50	51	59.9	100.6	680	140	68	58	115.6	102.4	1220	-	-	-	-	15.3						
150	86	52	53	68.1	107.2	690	140	68	58	115.6	108.3	1230	-	-	-	-	15.4						
160	96	55	55	76.8	108.2	700	140	68	58	115.6	110.1	1240	-	-	-	-	16.2						
170	104	58	55	82.7	112.7	710	140	68	58	115.4	109.3	1250	-	-	-	-	16.2						
180	112	60	57	89.5	108.9	720	140	68	58	115.4	113.8	1260	84	31	21	26.7	16.2						
190	117	61	57	92.8	115.0	730	140	68	58	115.2	105.0	1270	-	-	-	-	16.2						
200	121	62	59	97.5	116.9	740	140	68	58	114.5	99.6	1280	-	-	-	-	17.9						
210	125	63	59	99.4	109.0	750	140	68	58	114.5	103.2	1290	-	-	-	-	7.9						
220	128	65	59	103.2	105.6	760	140	68	58	113.9	105.1	1300	-	-	-	-	7.9						
230	131	65	59	105.3	99.7	770	140	68	58	114.1	101.6	1310	-	-	-	-	7.9						
240	132	66	59	105.3	101.1	780	140	68	58	114.1	106.2	1320	77	27	18	21.9	7.9						
250	134	67	59	108.1	110.7	790	140	68	58	114.1	108.8	1330	-	-	-	-	7.9						
260	135	67	60	108.2	115.8	800	140	68	58	114.1	104.8	1340	-	-	-	-	7.9						
270	136	68	60	109.6	107.0	810	140	68	58	113.9	99.4	1350	-	-	-	-	7.9						
280	137	68	60	110.5	106.7	820	139	68	58	113.3	100.5	1360	-	-	-	-	7.9						
290	137	68	60	111.6	107.3	830	139	68	58	113.3	107.3	1370	-	-	-	-	7.9						
300	138	68	60	111.6	107.1	840	139	68	58	112.6	103.6	1380	71	24	16	17.5	4.4						
310	138	69	60	112.7	110.3	850	139	68	58	112.8	100.2	1390	-	-	-	-	4.4						
320	138	69	59	113.3	114.2	860	139	68	58	112.8	99.2	1400	-	-	-	-	4.4						
330	138	69	59	113.1	103.4	870	139	68	58	113.0	99.0	1440	65	23	13	13.8	0.						
340	139	69	58	114.2	99.8	880	139	68	58	113.0	100.4	1500	59	19	10	10.2	0.						
350	140	69	58	115.2	99.6	890	139	68	58	113.0	101.6	1560	53	17	9	7.1	0.						
360	140	69	58	115.2	100.1	900	139	68	58	113.0	103.6	1620	48	16	8	5.6	0.						
370	140	68	58	115.5	98.6	910	-	-	-	-	107.2	1680	44	15	8	4.4	0.						
380	140	68	58	115.1	99.7	920	-	-	-	-	104.7	1740	41	14	7	3.8	0.						
390	140	68	58	115.1	101.9	930	-	-	-	-	98.1	1800	38	13	6	3.2	0.						
400	140	68	59	114.9	101.2	940	-	-	-	-	99.0	1860	36	12	6	3.0	0.						
410	140	68	59	114.9	101.2	950	-	-	-	-	105.8	1920	34	12	5	2.5	0.						
420	140	68	59	114.9	101.8	960	139	68	58	112.9	97.6	1980	33	12	5	2.3	0.						
430	140	68	59	114.9	109.8	970	-	-	-	-	101.1	2040	31	12	5	1.9	0.						
440	140	68	59	114.9	109.7	980	-	-	-	-	110.9	2100	29	12	5	1.9	0.						
450	140	68	59	114.9	110.9	990	-	-	-	-	102.5	2160	29	11	5	1.8	0.						
460	140	68	58	114.9	110.8	1000	-	-	-	-	93.2	2220	28	10	5	1.6	0.						
470	140	68	58	114.9	107.4	1010	-	-	-	-	100.7	2280	27	10	5	1.6	0.						
480	140	68	58	114.9	108.3	1020	139	68	58	111.3	98.3	2340	26	10	5	1.9	0.						
490	140	68	58	114.9	105.0	1030	-	-	-	-	88.5												
500	140	68	58	114.9	103.7	1040	-	-	-	-	36.8												
510	140	68	58	114.9	102.2	1050	-	-	-	-	12.3												
520	140	68	58	114.9	105.3	1060	-	-	-	-	12.3												
530	140	68	58	114.9	115.3	1070	-	-	-	-	12.3												

資料 3.201　流出量・降雨量および水路水位

DISCHARGE & R.I.　28 -6-10,　531127,　2-200　0 AREA=323.M**2　QMAX=187.6MM/H　　28 -6 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	22	9	5	1.2	107.8	540	70	23	12	15.2	0.												
10	22	9	5	1.5	107.8	550	69	23	12	14.1	0.												
20	22	9	7	3.2	109.7	560	68	22	11	13.2	0.												
30	22	11	9	5.3	130.4	570	66	22	11	13.1	0.												
40	22	13	15	8.6	172.4	580	64	22	11	12.7	0.												
50	25	17	21	16.1	163.0	590	63	21	10	12.3	0.												
60	29	24	29	22.7	174.0	600	63	21	10	11.8	0.												
70	34	33	41	33.2	178.0	660	57	19	9	9.1	0.												
80	46	40	49	46.8	187.9	720	52	17	8	6.6	0.												
90	56	47	59	55.8	190.8	780	47	16	7	5.2	0.												
100	71	57	62	71.3	172.9	840	43	15	7	4.0	0.												
110	90	63	63	88.0	155.2	900	40	14	6	3.6	0.												
120	102	68	63	101.3	156.7	960	38	13	6	3.3	0.												
130	117	74	64	117.1	166.1	1020	36	13	6	2.6	0.												
140	129	78	65	129.2	168.5	1080	33	12	6	2.4	0.												
150	138	81	65	141.9	179.6	1140	33	12	5	2.4	0.												
160	146	84	65	151.9	174.5	1200	31	12	5	1.8	0.												
170	152	87	65	160.3	192.3	1260	30	11	5	1.8	0.												
180	157	90	66	167.3	197.5	1320	29	11	5	1.6	0.												
190	161	92	66	175.2	191.5	1380	27	10	5	1.4	0.												
200	164	93	65	180.2	187.3	1440	26	10	5	1.5	0.												
210	167	94	66	183.9	172.1	1500	26	10	5	1.5	0.												
220	169	96	66	185.1	139.8	1560	25	10	5	1.2	0.												
230	172	95	66	189.7	72.4	1620	25	10	5	1.2	0.												
240	172	93	65	186.4	32.0	1680	24	10	4	1.2	0.												
250	170	89	63	178.4	26.0	1740	24	10	4	1.2	0.												
260	168	86	60	167.8	26.0	1800	23	10	4	1.4	0.												
270	165	81	56	157.2	6.0																		
280	161	77	51	143.9	6.0																		
290	156	71	49	129.7	6.0																		
300	150	67	45	115.8	6.0																		
310	145	62	43	103.8	6.0																		
320	139	59	40	92.0	6.0																		
330	134	55	37	81.1	0.																		
340	129	51	36	72.9	0.																		
350	123	48	34	64.5	0.																		
360	118	46	32	56.9	0.																		
370	114	44	29	52.1	0.																		
380	110	41	28	47.0	0.																		
390	106	39	27	42.9	0.																		
400	102	37	26	39.1	0.																		
410	99	36	24	35.8	0.																		
420	96	35	23	33.6	0.																		
430	93	33	21	31.0	0.																		
440	90	32	20	28.8	0.																		
450	88	30	18	27.1	0.																		
460	85	29	17	25.2	0.																		
470	83	28	16	23.5	0.																		
480	81	28	16	22.0	0.																		
490	79	26	15	20.9	0.																		
500	77	26	14	19.6	0.																		
510	75	25	14	17.9	0.																		
520	74	24	13	17.0	0.																		
530	73	24	13	16.4	0.																		

資料 3.202　流出量・降雨量および水路水位

DISCHARGE & R.I. 28 -7-10, 531127, 1 -70 0 AREA=318.M**2 QMAX= 91.6MM/H 28 -7 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	20	9	5	1.0	62.7	540	127	60	52	90.0	93.6	1920	28	12	5	1.7	0.						
10	20	9	5	1.0	62.7	550	127	60	52	89.5	89.9	1980	27	11	5	2.0	0.						
20	20	9	5	1.2	62.7	560	127	60	52	88.7	89.2												
30	20	9	6	1.4	63.3	570	126	60	52	87.5	85.4												
40	20	10	7	2.0	65.6	580	126	60	52	87.1	82.4												
50	20	10	9	2.6	70.6	590	126	60	52	86.7	77.9												
60	21	11	10	4.3	85.2	600	125	60	52	86.6	80.6												
70	22	13	14	6.0	87.4	610	125	60	52	86.8	80.6												
80	23	16	18	8.6	81.9	620	125	60	51	87.0	81.7												
90	25	19	22	13.5	75.2	630	125	60	51	87.2	82.2												
100	28	24	23	17.4	76.7	640	125	59	51	87.2	81.7												
110	32	26	30	21.8	96.8	650	125	59	50	87.2	81.4												
120	40	30	34	26.9	98.5	660	125	59	50	87.2	82.0												
130	46	34	37	32.5	105.1	670	125	59	50	87.2	78.2												
140	53	35	39	36.6	97.4	680	125	59	50	87.2	75.8												
150	61	39	41	40.4	93.5	690	125	59	50	87.2	75.8												
160	69	41	44	45.3	81.3	700	125	59	50	87.0	78.0												
170	75	44	46	50.3	83.8	710	125	59	50	86.6	79.1												
180	82	46	47	54.3	83.9	720	125	59	51	86.4	81.5												
190	88	48	47	57.9	84.3	730	125	59	51	85.7	81.8												
200	95	50	49	64.2	88.1	740	124	59	51	84.4	82.8												
210	100	52	49	67.7	85.2	750	124	59	51	83.7	86.4												
220	104	53	50	70.0	80.7	760	124	59	51	83.5	84.3												
230	108	54	50	73.2	89.1	770	123	59	51	83.6	72.9												
240	111	55	51	76.4	90.0	780	123	59	52	83.4	71.8												
250	114	55	50	78.1	93.2	790	123	59	52	84.3	77.3												
260	116	56	50	80.2	89.1	800	124	59	52	85.2	96.2												
270	118	57	52	81.6	87.3	810	124	59	52	86.2	100.5												
280	119	57	52	82.6	85.3	820	124	59	51	85.4	99.6												
290	121	58	52	83.8	85.3	830	125	59	51	84.6	91.1												
300	122	58	52	85.2	84.9	840	125	59	51	83.7	81.6												
310	122	59	52	85.8	88.0	850	123	58	50	79.2	80.7												
320	123	59	52	85.6	89.4	860	121	58	49	74.7	85.0												
330	124	59	52	87.7	88.3	870	119	58	48	69.9	51.6												
340	125	59	52	88.5	83.2	880	117	57	47	65.6	12.2												
350	125	59	52	89.1	83.8	890	116	57	46	62.5	12.2												
360	125	59	51	88.3	89.1	900	113	56	45	58.5	12.2												
370	126	59	51	88.5	90.9	910	-	-	-	-	12.2												
380	126	60	52	89.0	106.2	960	97	46	34	37.3	0.												
390	126	60	52	89.8	103.1	1020	83	35	26	25.4	0.												
400	126	60	52	89.6	96.9	1080	75	30	23	20.4	0.												
410	127	60	52	90.3	92.3	1140	69	28	20	16.6	0.												
420	127	60	52	90.9	95.9	1200	64	26	17	13.8	0.												
430	127	61	52	90.9	98.3	1260	60	23	14	11.4	0.												
440	127	61	52	91.8	84.5	1320	56	21	13	9.1	0.												
450	128	61	52	92.1	84.9	1380	51	19	11	6.9	0.												
460	128	60	52	92.1	86.5	1440	47	17	9	4.0	0.												
470	128	61	52	91.8	85.9	1500	38	16	8	1.5	0.												
480	128	60	52	91.6	85.0	1560	36	15	7	2.9	0.												
490	128	60	52	91.4	86.6	1620	34	14	6	2.4	0.												
500	128	60	52	91.4	92.2	1680	32	14	6	2.3	0.												
510	128	60	52	91.4	90.5	1740	31	13	5	2.4	0.												
520	127	60	52	90.6	91.7	1800	30	12	5	1.9	0.												
530	127	60	52	90.4	95.2	1860	29	12	5	1.6	0.												

資料 3.203　流出量・降雨量および水路水位

DISCHARGE & R.I.　28 -8-10,　531127,　1 -50　0 AREA=318.M**2　QMAX= 52.0MM/H　　28 -8 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	21	9	4	1.1	72.6	540	101	44	39	51.6	56.0	1380	62	22	16	12.5	0.						
10	21	9	5	1.1	72.6	550	101	44	39	51.6	53.6	1440	57	20	13	9.9	0.						
20	21	9	6	1.1	72.6	560	101	44	39	51.8	52.8	1500	53	18	11	8.2	0.						
30	21	10	6	1.3	54.0	570	101	44	39	52.0	52.8	1560	50	17	9	6.8	0.						
40	21	10	7	1.5	49.0	580	101	44	39	52.0	51.8	1620	46	15	8	5.4	0.						
50	21	10	8	1.7	49.0	590	102	44	39	52.4	52.5	1680	43	15	8	4.6	0.						
60	21	11	9	2.9	48.4	600	102	44	39	52.2	51.9	1740	40	14	8	3.8	0.						
70	22	12	11	3.9	44.7	610	102	44	39	52.2	51.1	1800	38	14	7	3.4	0.						
80	22	14	13	5.5	46.9	620	102	44	39	52.0	50.0	1860	37	14	6	3.4	0.						
90	24	16	15	7.5	46.9	630	102	44	39	52.0	48.3	1920	35	13	6	2.8	0.						
100	25	18	18	9.6	46.9	640	102	44	38	51.9	48.3	1980	34	12	6	2.6	0.						
110	28	20	20	11.6	44.4	650	102	44	38	51.7	50.2	2040	32	12	5	2.3	0.						
120	31	23	22	15.3	44.3	660	102	44	38	51.9	57.9	2100	31	12	5	2.2	0.						
130	35	25	24	18.7	44.3	670	101	44	38	51.1	57.5	2160	30	11	5	1.9	0.						
140	37	26	27	20.4	44.3	680	101	44	38	50.5	52.5	2220	29	11	5	1.8	0.						
150	44	28	28	24.0	50.1	690	101	44	38	50.9	51.3	2280	28	10	5	1.7	0.						
160	50	30	30	26.9	51.6	700	101	44	38	50.7	51.4	2340	27	10	5	1.6	0.						
170	54	31	31	30.1	51.6	710	100	44	38	50.7	52.5	2400	26	10	5	1.3	0.						
180	59	33	32	31.5	51.6	720	100	44	38	50.7	52.7	2460	25	10	5	1.3	0.						
190	64	34	33	32.8	51.6	730	101	44	38	52.0	52.7	2520	25	10	5	1.4	0.						
200	69	35	33	35.7	51.6	740	101	44	38	52.8	51.3	2580	24	10	5	1.3	0.						
210	73	36	34	37.7	51.2	750	102	44	38	53.4	51.3	2640	24	10	5	1.5	0.						
220	77	37	35	38.9	52.5	760	102	44	38	53.2	51.3												
230	80	38	36	40.5	55.4	770	102	44	38	53.4	51.2												
240	83	39	36	42.0	55.4	780	103	44	38	53.4	51.9												
250	85	39	36	42.5	54.0	790	102	44	38	52.8	51.9												
260	88	39	37	44.3	49.7	800	102	44	38	52.5	51.9												
270	90	41	37	45.3	49.7	810	102	44	38	51.9	48.9												
280	91	41	37	45.9	49.5	820	102	44	38	52.1	48.1												
290	93	41	37	47.0	50.6	830	102	44	38	51.9	48.1												
300	94	41	37	47.2	54.6	840	102	44	38	52.0	48.1												
310	95	42	37	47.6	54.6	850	102	44	38	52.2	49.2												
320	96	42	38	48.1	54.0	860	102	44	38	52.8	49.3												
330	97	42	38	49.0	48.4	870	102	44	38	53.0	49.3												
340	98	42	38	49.7	48.4	880	102	44	38	53.2	50.0												
350	98	42	38	49.7	49.0	890	102	44	38	53.1	50.5												
360	99	42	38	49.9	49.5	900	103	44	38	53.5	50.5												
370	99	43	38	50.5	52.0	910	-	-	-	-	50.5												
380	100	43	38	51.0	52.0	920	-	-	-	-	51.4												
390	100	43	38	50.7	52.0	930	-	-	-	-	51.7												
400	100	43	38	50.8	49.6	940	-	-	-	-	51.7												
410	100	43	38	50.5	48.8	950	-	-	-	-	47.2												
420	100	43	38	50.5	49.7	960	103	44	38	53.2	49.4												
430	100	43	38	50.9	49.7	970	-	-	-	-	51.9												
440	100	43	38	50.9	51.3	980	-	-	-	-	52.3												
450	100	43	38	50.9	53.1	990	-	-	-	-	51.6												
460	101	43	38	51.1	53.1	1000	-	-	-	-	51.3												
470	101	43	38	51.1	52.6	1010	-	-	-	-	51.3												
480	101	43	38	51.1	49.0	1020	103	44	38	52.8	17.9												
490	101	43	38	50.9	49.0	1080	101	42	33	48.3	0.												
500	101	43	38	50.9	49.0	1140	93	35	26	35.7	0.												
510	101	43	38	51.1	49.7	1200	82	29	22	24.1	0.												
520	101	44	39	51.1	54.7	1260	73	26	20	18.1	0.												
530	101	44	39	51.1	54.7	1320	66	24	18	14.7	0.												

資料 3.204　流出量・降雨量および水路水位

DISCHARGE & R.I. 29 -1-10, 531128, 2=150 0 AREA=323.M**2 QMAX=119.1MM/H 29 -1 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	14	4	5	0.4	101.1	540	69	21	12	13.9	0.												
10	14	4	5	0.4	101.1	550	68	21	11	13.2	0.												
20	14	4	5	0.4	96.1	560	66	20	11	12.4	0.												
30	14	4	5	0.6	112.3	570	64	20	11	11.5	0.												
40	14	4	5	0.8	113.7	580	63	20	10	11.6	0.												
50	14	4	5	1.1	130.7	590	62	19	10	10.6	0.												
60	14	4	9	2.3	145.1	600	61	18	10	10.2	0.												
70	14	8	13	4.8	146.8	660	54	16	9	7.0	0.												
80	15	12	21	9.2	140.5	720	48	14	8	5.0	0.												
90	17	18	28	14.8	129.5	780	44	13	7	4.1	0.												
100	21	25	36	22.8	119.5	840	40	12	6	3.4	0.												
110	28	33	44	31.3	121.5	900	37	12	6	2.9	0.												
120	37	39	49	40.3	141.0	960	35	12	6	2.5	0.												
130	50	44	52	50.6	140.3	1020	33	11	6	2.2	0.												
140	63	50	54	60.3	135.0	1080	32	10	6	2.0	0.												
150	76	54	57	69.9	144.2	1140	30	10	5	1.6	0.												
160	90	58	58	79.7	150.0	1200	29	10	5	1.6	0.												
170	102	62	61	89.5	151.4	1260	28	10	5	1.5	0.												
180	112	65	61	97.8	140.5	1320	26	10	5	1.2	0.												
190	120	67	62	105.0	144.4	1380	25	9	5	1.2	0.												
200	127	69	62	110.8	150.2	1440	25	9	5	1.1	0.												
210	132	71	62	115.6	145.0	1500	24	9	5	1.1	0.												
220	136	73	63	118.9	127.4	1560	23	8	5	1.0	0.												
230	139	74	62	121.9	23.9	1620	23	8	5	0.9	0.												
240	141	73	61	122.1	23.9	1680	22	8	5	0.9	0.												
250	143	72	59	121.5	23.9	1740	22	8	5	0.8	0.												
260	143	70	54	118.6	23.5	1800	21	8	5	1.1	0.												
270	142	67	51	114.4	23.4																		
280	141	65	48	108.8	23.4																		
290	139	62	45	101.2	6.3																		
300	136	58	42	93.6	6.3																		
310	132	55	39	84.8	6.3																		
320	128	51	37	76.7	6.3																		
330	124	49	35	69.2	6.3																		
340	120	46	33	61.9	6.3																		
350	116	43	32	56.5	6.3																		
360	112	41	31	51.7	6.3																		
370	107	40	29	45.6	6.3																		
380	104	38	28	41.8	6.3																		
390	101	36	26	38.8	6.3																		
400	98	35	24	36.4	6.3																		
410	96	33	22	34.0	0.																		
420	93	32	21	31.3	0.																		
430	90	31	19	29.4	0.																		
440	88	30	18	27.0	0.																		
450	85	29	17	25.4	0.																		
460	84	27	16	23.6	0.																		
470	81	26	16	22.4	0.																		
480	79	26	15	21.1	0.																		
490	77	24	14	19.1	0.																		
500	76	24	13	18.5	0.																		
510	74	23	13	17.3	0.																		
520	73	22	12	16.6	0.																		
530	71	22	12	15.4	0.																		

資料 3.205　流出量・降雨量および水路水位

DISCHARGE & R.I.,　29 -2-10,　531128,　1-150　0 AREA=318.M**2　QMAX=152.0MM/H　　29 -2 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	18	8	5	0.8	158.4	540	157	82	63	152.9	138.0	1080	119	46	34	62.9	3.4						
10	18	8	5	1.1	158.4	550	157	82	63	152.3	140.3	1090	-	-	-	-	3.4						
20	18	8	7	2.4	129.3	560	157	82	63	152.3	142.1	1100	-	-	-	-	3.4						
30	18	9	9	2.7	141.6	570	157	83	63	152.3	139.7	1110	-	-	-	-	3.4						
40	19	11	12	5.3	143.3	580	156	83	63	150.8	138.1	1120	-	-	-	-	3.4						
50	21	13	17	10.5	145.4	590	156	83	63	150.6	131.9	1130	-	-	-	-	3.4						
60	22	18	24	15.6	164.5	600	156	81	63	150.6	143.6	1140	98	35	26	36.8	3.4						
70	26	24	34	23.1	146.1	610	156	81	63	150.8	131.8	1150	-	-	-	-	3.4						
80	34	32	43	31.4	143.3	620	156	81	63	150.1	134.4	1160	-	-	-	-	3.4						
90	42	39	48	40.9	149.0	630	156	81	63	149.9	135.4	1170	-	-	-	-	3.4						
100	54	44	51	49.2	147.0	640	156	81	63	149.1	133.5	1180	-	-	-	-	3.4						
110	66	50	54	60.5	139.7	650	156	81	63	149.1	130.2	1190	-	-	-	-	3.4						
120	79	55	60	72.2	130.9	660	155	81	63	148.4	124.5	1200	84	29	20	26.2	3.4						
130	89	60	62	78.8	131.0	670	155	81	63	148.4	136.8	1210	-	-	-	-	3.4						
140	103	63	62	92.6	159.3	680	155	81	63	147.6	139.0	1220	-	-	-	-	3.4						
150	115	66	63	104.3	143.1	690	155	81	63	147.6	122.6	1230	-	-	-	-	3.4						
160	122	68	63	112.6	133.4	700	155	81	63	146.9	131.5	1240	-	-	-	-	3.4						
170	129	71	63	117.8	141.3	710	155	81	63	147.1	147.4	1250	-	-	-	-	3.4						
180	134	72	63	121.6	155.5	720	154	81	63	146.3	123.2	1260	76	26	17	20.6	3.4						
190	139	74	63	126.6	157.1	730	154	81	63	146.5	125.4	1270	-	-	-	-	3.4						
200	142	75	63	128.7	146.4	740	154	81	63	146.5	139.0	1280	-	-	-	-	3.4						
210	144	76	63	131.9	148.5	750	154	81	63	146.7	172.5	1290	-	-	-	-	3.4						
220	145	76	63	132.8	160.8	760	154	81	63	146.7	162.5	1300	-	-	-	-	3.4						
230	147	76	63	134.6	169.9	770	154	81	63	146.9	161.7	1310	-	-	-	-	3.4						
240	148	77	63	137.5	145.4	780	154	81	63	147.1	156.5	1320	69	24	16	16.2	3.4						
250	150	78	63	140.8	150.4	790	154	81	63	147.3	153.5	1380	63	20	11	12.5	0.						
260	151	79	63	143.3	159.0	800	155	81	63	148.2	149.9	1440	57	17	7	8.9	0.						
270	153	79	63	145.9	142.4	810	155	81	63	149.2	160.8	1500	52	15	7	6.8	0.						
280	154	80	64	147.2	134.1	820	155	81	63	149.9	145.2	1560	47	15	7	5.2	0.						
290	154	81	64	148.5	129.8	830	156	81	63	150.5	135.1	1620	44	14	6	4.6	0.						
300	154	81	64	147.9	169.0	840	156	81	63	150.8	140.2	1680	40	13	6	3.6	0.						
310	154	81	64	147.5	191.3	850	156	81	63	150.6	152.2	1740	38	12	5	3.3	0.						
320	155	81	64	149.5	122.8	860	156	81	63	150.3	148.8	1800	36	12	5	3.1	0.						
330	156	82	63	151.2	122.6	870	156	81	63	149.3	140.2	1860	34	11	5	2.6	0.						
340	156	82	63	152.0	126.8	880	156	80	63	149.6	134.2	1920	33	11	5	2.3	0.						
350	156	82	63	152.2	148.1	890	155	80	63	148.8	148.7	1980	31	11	4	2.1	0.						
360	157	82	63	152.5	143.9	900	155	80	63	148.9	102.0	2040	30	11	4	2.0	0.						
370	157	82	63	152.3	142.4	910	-	-	-	-	100.0	2100	29	11	4	1.6	0.						
380	157	82	63	152.1	150.6	920	-	-	-	-	96.9	2160	28	10	4	1.9	0.						
390	157	82	63	152.0	148.3	930	-	-	-	-	91.8	2220	28	10	4	1.8	0.						
400	157	82	63	152.0	151.5	940	-	-	-	-	85.1	2280	27	10	4	1.2	0.						
410	157	82	63	152.0	154.4	950	-	-	-	-	34.3	2340	25	9	4	1.1	0.						
420	157	82	63	152.0	146.2	960	156	81	63	146.4	34.3	2400	25	9	4	1.6	0.						
430	157	82	63	152.0	155.0	970	-	-	-	-	34.3	2460	25	9	4	1.7	0.						
440	157	82	63	152.0	164.2	980	-	-	-	-	3.4												
450	157	82	63	152.0	146.1	990	-	-	-	-	3.4												
460	157	82	63	152.0	140.7	1000	-	-	-	-	3.4												
470	157	82	63	152.0	144.4	1010	-	-	-	-	3.4												
480	157	82	63	152.0	152.4	1020	145	65	48	113.6	3.4												
490	157	82	63	152.1	153.6	1030	-	-	-	-	3.4												
500	157	82	63	152.1	150.6	1040	-	-	-	-	3.4												
510	157	82	63	152.1	132.1	1050	-	-	-	-	3.4												
520	157	82	63	152.9	135.1	1060	-	-	-	-	3.4												
530	157	82	63	152.9	138.3	1070	-	-	-	-	3.4												

資料 3.206　流出量・降雨量および水路水位

DISCHARGE & R.I. 29 -3-10, 531128, 2-150 0 AREA=323.M**2 QMAX=129.8MM/H 29 -3 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	23	9	5	1.4	182.8	540	69	22	11	14.3	0.												
10	23	9	6	2.3	182.8	550	68	21	11	13.6	0.												
20	23	10	7	3.4	133.6	560	66	21	11	12.9	0.												
30	24	12	9	5.2	136.3	570	64	21	10	11.9	0.												
40	24	14	14	8.2	142.5	580	63	20	10	12.0	0.												
50	26	18	21	13.8	147.5	590	62	20	9	11.3	0.												
60	30	23	30	20.3	133.6	600	61	19	9	11.0	0.												
70	34	31	40	28.5	130.4	660	55	17	8	8.1	0.												
80	43	36	46	37.4	129.7	720	50	16	7	6.2	0.												
90	53	42	50	46.6	127.7	780	46	14	7	4.9	0.												
100	66	48	53	58.4	131.1	840	42	14	6	4.0	0.												
110	78	55	57	69.1	131.1	900	39	13	6	3.5	0.												
120	90	60	61	79.3	121.3	960	37	12	6	3.3	0.												
130	102	64	62	90.7	117.0	1020	35	12	5	2.8	0.												
140	114	67	62	102.0	122.4	1080	34	12	5	2.5	0.												
150	122	70	63	110.2	131.2	1140	32	11	5	2.3	0.												
160	130	72	63	117.3	124.6	1200	31	11	5	2.1	0.												
170	135	73	63	122.1	127.0	1260	30	10	5	1.9	0.												
180	139	74	63	125.4	147.4	1320	29	10	5	1.6	0.												
190	142	75	63	127.3	142.7	1380	27	10	5	1.5	0.												
200	145	77	63	130.2	154.0	1440	27	10	4	1.7	0.												
210	146	77	64	131.7	76.9	1500	26	10	4	1.5	0.												
220	148	77	62	131.8	27.4	1560	26	10	4	1.3	0.												
230	148	75	60	129.6	27.4	1620	25	10	4	1.2	0.												
240	148	75	56	125.9	27.4	1680	24	9	4	1.2	0.												
250	146	70	52	119.5	27.4	1740	24	9	4	1.2	0.												
260	144	66	49	113.3	26.3	1800	23	9	4	1.4	0.												
270	141	64	45	104.7	21.9																		
280	137	60	43	95.7	21.9																		
290	134	57	40	87.4	21.9																		
300	130	54	38	80.1	18.5																		
310	126	51	35	72.9	17.6																		
320	121	47	33	65.0	17.6																		
330	118	44	32	58.9	17.6																		
340	114	42	30	53.6	4.3																		
350	110	41	29	49.7	5.9																		
360	106	39	29	44.9	8.3																		
370	103	37	27	41.0	8.3																		
380	100	36	26	38.2	8.3																		
390	97	34	25	36.2	8.3																		
400	95	34	24	33.7	8.3																		
410	92	32	23	31.7	8.3																		
420	90	32	22	29.4	0.																		
430	88	31	21	27.9	0.																		
440	85	30	19	26.0	0.																		
450	84	29	18	24.9	0.																		
460	82	28	17	23.7	0.																		
470	80	27	16	22.2	0.																		
480	79	26	14	21.3	0.																		
490	77	24	14	19.7	0.																		
500	75	24	13	18.4	0.																		
510	74	23	13	17.1	0.																		
520	72	23	12	16.1	0.																		
530	70	22	12	15.4	0.																		

資料 3.207　流出量・降雨量および水路水位

DISCHARGE & R.I.,　29 -4-10,　531128,　1=100　0 AREA=318.M**2　QMAX= 98.4MM/H　　29 -4 -10

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	21	8	4	1.2	94.3
10	21	8	4	1.2	94.3
20	21	9	4	1.4	81.9
30	21	9	5	1.4	75.1
40	21	10	7	2.1	80.8
50	22	11	8	3.3	81.1
60	22	13	10	5.2	77.0
70	23	15	13	8.1	78.3
80	25	17	18	11.3	102.0
90	28	22	23	17.6	105.9
100	32	26	29	22.9	94.4
110	37	31	34	27.9	95.5
120	47	35	38	35.0	98.2
130	55	38	40	40.8	94.8
140	63	41	42	46.4	90.0
150	73	44	43	52.7	93.8
160	80	47	45	57.4	97.2
170	87	49	47	62.0	92.7
180	96	52	53	69.2	85.2
190	102	53	49	74.3	88.1
200	107	55	50	78.0	92.7
210	112	56	51	80.9	91.4
220	116	57	52	84.1	90.4
230	119	58	52	86.2	88.8
240	121	58	52	87.8	88.8
250	122	59	52	87.8	90.8
260	123	59	52	87.8	90.5
270	125	60	52	90.1	95.4
280	126	60	53	91.2	94.9
290	126	60	54	91.1	95.0
300	127	61	54	91.5	95.1
310	128	61	54	93.3	98.6
320	128	61	54	93.3	97.1
330	128	61	54	94.4	96.5
340	128	61	54	93.6	99.8
350	129	62	54	94.4	99.2
360	129	61	54	95.5	92.7
370	129	62	54	95.7	92.7
380	130	62	55	96.1	97.1
390	130	62	55	96.9	98.5
400	131	62	55	97.4	91.0
410	131	62	55	97.3	94.7
420	131	62	55	96.9	98.1
430	131	62	55	96.7	96.3
440	131	62	55	96.7	95.0
450	131	62	55	96.7	95.9
460	131	62	54	96.7	100.1
470	131	62	54	96.9	92.1
480	131	62	54	96.9	88.4
490	131	62	54	96.9	91.0
500	131	62	54	97.4	95.2
510	131	62	54	97.4	95.2
520	131	62	54	97.4	96.6
530	131	62	55	97.4	102.0
540	131	62	55	97.4	97.4
550	131	62	54	97.4	95.2
560	131	62	54	98.0	94.5
570	131	62	54	98.2	94.9
580	131	62	54	98.2	93.8
590	131	62	54	98.0	92.4
600	132	62	54	98.6	98.8
610	132	62	54	98.6	97.8
620	132	62	54	98.6	91.7
630	132	62	54	98.4	93.2
640	132	62	54	98.4	96.2
650	132	62	54	98.4	94.8
660	132	62	54	98.4	87.7
670	132	62	54	98.4	87.7
680	132	62	54	98.4	87.9
690	132	62	54	98.4	87.9
700	132	62	54	98.4	93.0
710	132	62	54	98.4	95.2
720	132	62	54	98.4	96.6
730	132	62	54	98.4	90.5
740	132	62	54	98.6	86.1
750	132	62	54	98.6	86.1
760	132	62	54	98.6	88.9
770	132	63	54	99.2	97.3
780	132	63	54	99.2	97.3
790	132	63	54	99.0	101.1
800	132	63	54	98.8	97.3
810	132	63	54	98.8	94.7
820	132	63	54	98.2	96.3
830	132	63	54	98.2	100.2
840	132	63	54	98.2	102.1
850	132	63	54	98.4	99.1
860	132	63	54	98.4	99.6
870	132	63	54	98.4	105.6
880	132	63	54	98.4	101.7
890	132	63	54	98.4	95.6
900	132	63	54	98.4	95.9
910	-	-	-	-	105.9
920	-	-	-	-	100.2
930	-	-	-	-	94.4
940	-	-	-	-	92.6
950	-	-	-	-	96.7
960	132	63	54	98.4	96.5
970	-	-	-	-	96.4
980	-	-	-	-	94.9
990	-	-	-	-	96.1
1000	-	-	-	-	94.6
1010	-	-	-	-	90.6
1020	132	62	54	98.3	96.7
1030	-	-	-	-	97.8
1040	-	-	-	-	95.4
1050	-	-	-	-	95.6
1060	-	-	-	-	98.6
1070	-	-	-	-	85.9
1080	131	63	54	97.2	71.2
1090	-	-	-	-	60.3
1100	-	-	-	-	45.9
1110	-	-	-	-	17.4
1120	-	-	-	-	17.4
1130	-	-	-	-	17.4
1140	129	58	47	88.9	17.4
1150	-	-	-	-	17.4
1160	-	-	-	-	17.4
1170	-	-	-	-	17.4
1200	113	44	32	57.6	0.
1260	95	34	26	35.1	0.
1320	84	30	20	25.9	0.
1380	74	25	16	19.2	0.
1440	68	23	14	15.3	0.
1500	62	20	11	11.7	0.
1560	56	18	9	9.1	0.
1620	52	16	8	7.4	0.
1680	47	16	7	5.5	0.
1740	44	14	6	4.7	0.
1800	41	14	6	4.0	0.
1860	39	13	5	3.5	0.
1920	37	13	5	3.1	0.
1980	35	12	5	2.7	0.
2040	33	11	5	2.4	0.
2100	32	11	4	2.3	0.
2160	31	11	4	2.4	0.
2220	30	11	4	1.9	0.
2280	29	10	4	1.7	0.
2340	28	10	4	1.8	0.
2400	27	10	4	1.6	0.
2460	26	10	4	1.4	0.
2520	26	10	4	1.4	0.
2580	25	9	4	1.4	0.
2640	25	9	4	1.7	0.

資料 3.208　流出量・降雨量および水路水位

DISCHARGE & R.I. 30 -1-11, 531129, 2-100 0 AREA=160.M**2 QMAX= 55.8MM/H 30 -1 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	0	3	3	0.0	73.7	540	50	13	11	10.8	0.												
10	0	3	3	0.0	73.7	550	48	12	11	9.7	0.												
20	0	4	3	0.5	73.7	560	47	12	10	8.5	0.												
30	0	4	3	0.8	73.5	570	46	12	10	8.6	0.												
40	0	4	3	1.5	73.4	580	45	11	10	8.3	0.												
50	0	4	3	1.9	66.0	590	44	11	9	7.6	0.												
60	0	4	6	2.3	69.1	600	44	11	9	7.5	0.												
70	0	3	7	4.6	72.9	660	39	9	8	4.6	0.												
80	0	3	9	6.1	79.7	720	35	9	7	3.6	0.												
90	1	3	12	9.9	80.0	780	32	8	6	2.8	0.												
100	3	4	18	10.7	85.5	840	30	8	6	2.9	0.												
110	4	12	23	19.8	86.9	900	29	7	5	2.5	0.												
120	8	13	29	26.8	89.7	960	26	6	5	1.9	0.												
130	9	14	34	32.6	90.8	1020	25	7	5	2.0	0.												
140	17	20	38	40.4	93.7	1080	24	7	4	1.5	0.												
150	23	21	40	46.7	95.8	1140	23	6	4	1.6	0.												
160	29	23	42	55.8	89.2	1200	22	6	4	1.5	0.												
170	36	25	43	57.7	86.0	1260	21	6	4	1.2	0.												
180	44	25	44	63.7	55.5	1320	20	6	4	1.0	0.												
190	51	29	46	66.6	38.0	1380	20	6	4	1.4	0.												
200	57	30	46	70.1	26.9	1440	19	6	4	1.2	0.												
210	64	30	46	72.1	13.3	1500	19	6	4	1.0	0.												
220	69	31	45	71.9	13.3	1560	18	6	4	0.6	0.												
230	73	31	43	72.7	13.3	1620	17	6	4	0.6	0.												
240	76	31	42	68.3	13.3	1680	17	6	3	0.7	0.												
250	78	31	40	65.3	13.3	1740	16	6	4	0.8	0.												
260	79	30	39	61.9	13.3	1800	16	5	4	1.2	0.												
270	79	29	37	57.4	24.2																		
280	79	28	36	53.2	31.4																		
290	78	27	34	49.7	28.5																		
300	77	26	32	45.7	24.2																		
310	76	26	31	44.2	24.2																		
320	75	24	29	41.2	4.2																		
330	74	24	28	38.7	0.																		
340	73	23	27	36.5	0.																		
350	71	22	26	33.4	0.																		
360	70	21	25	31.9	0.																		
370	69	20	23	29.3	0.																		
380	67	20	22	27.9	0.																		
390	66	19	21	26.2	0.																		
400	65	18	20	24.2	0.																		
410	64	18	20	23.4	0.																		
420	62	18	19	21.8	0.																		
430	61	17	19	20.7	0.																		
440	60	16	18	19.3	0.																		
450	59	16	17	17.1	0.																		
460	57	16	17	16.1	0.																		
470	56	15	17	15.9	0.																		
480	55	15	16	14.3	0.																		
490	54	15	16	13.8	0.																		
500	53	14	15	13.5	0.																		
510	52	14	14	13.8	0.																		
520	51	14	13	12.5	0.																		
530	50	13	12	11.6	0.																		

資料 3.209　流出量・降雨量および水路水位

DISCHARGE & R.I.　30 -2-11,　531129,　1=200　0 AREA=159.M**2　QMAX=214.6MM/H　30 -2 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	16	6	4	1.1	84.3
10	16	6	5	3.4	84.3
20	16	6	6	4.8	84.3
30	16	6	9	8.4	94.6
40	17	6	16	15.5	161.3
50	18	10	24	23.4	174.8
60	22	15	36	35.7	175.7
70	27	22	48	49.7	205.4
80	34	30	55	64.6	191.4
90	43	37	61	79.3	209.2
100	54	41	62	91.4	177.9
110	65	46	63	112.8	206.9
120	76	50	64	123.6	190.0
130	84	53	64	138.6	169.1
140	97	57	64	158.9	172.1
150	103	61	65	166.3	169.8
160	115	63	64	194.6	165.8
170	120	64	65	196.8	191.8
180	125	67	65	208.4	165.2
190	129	67	65	209.4	156.4
200	131	67	64	211.6	146.9
210	132	66	64	207.4	169.0
220	133	67	64	209.9	193.2
230	134	66	65	208.4	179.5
240	134	66	66	207.6	180.7
250	134	67	66	205.3	179.5
260	134	66	66	204.9	164.6
270	134	67	66	205.3	162.9
280	134	67	66	206.5	154.5
290	134	67	66	206.5	163.8
300	134	68	66	207.7	156.9
310	135	69	66	212.8	176.8
320	135	69	66	212.8	217.8
330	135	69	66	212.0	190.8
340	136	69	66	215.0	221.1
350	136	68	66	213.8	217.5
360	136	67	66	212.6	180.9
370	135	67	66	208.3	181.6
380	134	67	66	204.7	184.1
390	134	67	66	205.0	179.3
400	134	67	66	204.6	174.5
410	134	67	64	205.7	176.6
420	134	67	65	205.7	152.3
430	134	67	65	206.5	181.4
440	134	67	66	206.5	200.8
450	134	67	66	206.5	180.2
460	134	67	66	207.7	180.3
470	134	67	67	207.7	192.7
480	134	68	65	207.7	192.9
490	134	68	64	207.3	197.7
500	134	68	64	207.3	207.3
510	134	68	65	207.3	188.2
520	134	67	66	207.7	200.4
530	134	67	64	208.1	207.5
540	134	67	65	209.6	202.8
550	135	68	66	211.2	186.8
560	135	68	66	212.8	185.4
570	136	69	66	218.4	210.5
580	137	69	66	219.3	191.7
590	137	70	66	220.1	241.5
600	137	70	66	221.1	198.3
610	137	70	67	220.3	199.3
620	137	69	67	219.9	171.2
630	137	69	65	219.2	197.0
640	137	69	65	217.9	193.0
650	137	68	66	217.5	190.5
660	137	68	66	216.8	182.0
670	137	68	65	216.4	173.3
680	137	68	64	214.4	206.7
690	136	68	65	211.2	240.5
700	136	67	66	208.7	205.7
710	135	67	66	207.1	174.8
720	134	67	66	205.4	174.0
730	134	67	66	206.6	178.6
740	135	68	66	208.5	180.5
750	135	68	66	209.7	211.0
760	135	69	66	210.9	224.2
770	135	69	66	210.9	178.0
780	135	69	66	212.1	206.8
790	135	69	66	212.1	187.9
800	136	69	66	213.3	184.8
810	136	69	66	213.3	188.5
820	136	69	66	214.5	216.0
830	136	69	66	214.1	188.1
840	136	69	66	215.4	184.2
850	136	69	66	215.0	186.7
860	136	69	66	215.0	221.7
870	136	69	65	214.6	210.3
880	136	68	65	215.0	190.6
890	136	68	65	215.1	168.4
900	136	68	65	215.1	159.5
910	-	-	-	-	142.0
920	-	-	-	-	172.3
930	-	-	-	-	191.6
940	-	-	-	-	208.6
950	-	-	-	-	166.2
960	137	69	65	212.3	186.0
970	-	-	-	-	208.2
980	-	-	-	-	175.6
990	-	-	-	-	88.9
1000	-	-	-	-	80.8
1010	-	-	-	-	12.2
1020	128	59	61	164.8	12.2
1030	-	-	-	-	12.2
1040	-	-	-	-	4.8
1050	-	-	-	-	4.8
1060	-	-	-	-	4.8
1070	-	-	-	-	4.8
1080	103	39	42	81.1	4.8
1090	-	-	-	-	4.8
1100	-	-	-	-	4.8
1110	-	-	-	-	4.8
1120	-	-	-	-	4.8
1130	-	-	-	-	4.8
1140	84	27	28	43.3	4.8
1150	-	-	-	-	4.8
1160	-	-	-	-	7.0
1170	-	-	-	-	9.2
1180	-	-	-	-	9.2
1190	-	-	-	-	9.2
1200	68	20	20	23.1	9.2
1210	-	-	-	-	9.2
1260	58	16	14	15.2	0.
1320	50	13	10	10.3	0.
1380	44	12	9	7.3	0.
1440	40	11	7	7.6	0.
1500	39	10	7	6.4	0.
1560	34	10	6	2.1	0.
1620	31	9	6	3.2	0.
1680	29	8	5	2.7	0.
1740	28	8	5	2.6	0.
1800	27	8	5	2.6	0.
1860	25	8	4	2.2	0.
1920	24	8	4	2.3	0.
1980	24	7	4	1.9	0.
2040	23	7	4	1.7	0.
2100	22	7	4	1.8	0.
2160	21	7	3	1.7	0.
2220	21	7	3	1.9	0.
2280	21	7	3	1.4	0.
2340	20	7	3	1.1	0.
2400	19	6	3	1.2	0.
2460	19	6	3	1.6	0.
2520	19	6	3	1.5	0.
2580	19	6	3	1.9	0.
2640	19	6	3	1.8	0.

資料 3.210　流出量・降雨量および水路水位

DISCHARGE & R.I. 30 -3-11, 531129, 2-100 0 AREA=160.M**2 QMAX= 86.4MM/H 30 -3 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	6	4	1.7	79.2	540	55	16	14	14.6	0.												
10	19	6	4	1.7	79.2	550	55	16	13	14.3	0.												
20	19	6	5	1.7	79.2	560	53	14	13	13.1	0.												
30	19	6	5	2.9	71.9	570	52	14	12	12.3	0.												
40	19	7	6	3.6	71.4	580	51	14	12	12.0	0.												
50	19	7	8	5.5	74.1	590	50	14	12	11.3	0.												
60	20	9	10	7.2	83.5	600	49	14	12	10.5	0.												
70	20	10	14	11.2	85.2	660	44	12	10	7.4	0.												
80	22	13	18	15.4	79.8	720	39	11	8	5.8	0.												
90	23	15	22	19.9	78.9	780	37	10	7	5.1	0.												
100	26	18	27	25.9	85.9	840	34	10	6	4.1	0.												
110	29	21	32	31.6	90.0	900	32	9	6	3.8	0.												
120	34	24	36	38.9	89.0	960	30	8	5	3.2	0.												
130	39	27	39	46.1	89.2	1020	29	8	5	2.7	0.												
140	44	29	42	52.7	95.8	1080	27	8	4	2.5	0.												
150	50	31	43	57.5	100.2	1140	26	8	4	2.6	0.												
160	56	33	45	64.1	97.6	1200	25	8	4	2.3	0.												
170	62	33	46	69.0	96.5	1260	24	7	4	2.0	0.												
180	67	34	47	73.1	102.6	1320	23	7	4	1.9	0.												
190	71	36	48	75.2	101.9	1380	23	7	4	1.9	0.												
200	75	36	49	78.4	85.5	1440	22	7	4	1.7	0.												
210	80	38	49	82.6	85.5	1500	21	7	4	2.3	0.												
220	83	38	50	84.8	92.9																		
230	86	40	51	88.1	94.9																		
240	88	41	52	89.3	56.7																		
250	90	41	52	90.5	55.8																		
260	92	41	51	91.5	16.2																		
270	93	41	51	89.8	10.9																		
280	94	40	49	88.8	10.9																		
290	95	39	46	85.3	10.9																		
300	94	38	45	80.8	10.9																		
310	93	37	43	76.4	0.																		
320	91	35	40	68.2	0.																		
330	90	33	39	64.1	0.																		
340	88	33	37	59.4	0.																		
350	86	31	35	54.7	0.																		
360	85	30	33	52.2	0.																		
370	83	28	32	48.0	0.																		
380	80	28	30	43.8	0.																		
390	79	26	28	40.7	0.																		
400	76	25	26	37.4	0.																		
410	75	24	24	35.1	0.																		
420	73	23	22	32.3	0.																		
430	71	22	22	31.1	0.																		
440	70	21	22	28.3	0.																		
450	68	21	21	26.1	0.																		
460	66	20	20	24.4	0.																		
470	65	20	20	22.7	0.																		
480	63	19	19	21.5	0.																		
490	62	19	18	19.6	0.																		
500	60	18	17	19.2	0.																		
510	59	18	16	17.1	0.																		
520	58	17	15	16.8	0.																		
530	57	16	14	15.8	0.																		

資料 3.211　流出量・降雨量および水路水位

DISCHARGE & R.I.　30 -4-11,　531129,　1-100　0 AREA=159.M**2　QMAX=100.3MM/H　　30 -4 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	20	6	3	1.9	74.9	540	100	43	53	98.4	93.7	1080	73	24	25	33.7	3.0						
10	20	6	4	2.6	74.9	550	100	43	53	97.6	90.0	1090	-	-	-	-	3.0						
20	20	6	4	2.5	69.8	560	100	43	53	98.0	87.5	1100	-	-	-	-	3.0						
30	20	6	5	2.8	57.8	570	99	43	53	96.9	89.6	1140	65	20	20	24.6	0.						
40	20	6	6	3.5	60.6	580	99	43	52	97.2	90.7	1200	57	17	18	16.6	0.						
50	20	7	7	4.7	61.8	590	99	43	52	97.2	94.4	1260	51	15	13	12.4	0.						
60	20	8	9	7.1	72.1	600	99	43	52	96.9	93.4	1320	46	12	9	8.9	0.						
70	21	9	12	9.6	77.4	610	99	43	52	96.5	93.6	1380	41	12	8	6.3	0.						
80	22	11	17	14.4	80.1	620	99	42	52	96.5	92.9	1440	38	11	7	5.3	0.						
90	24	15	22	18.8	84.3	630	99	43	52	96.9	92.6	1500	35	10	6	4.6	0.						
100	26	15	25	23.6	87.3	640	99	43	52	96.1	91.1	1560	33	9	6	3.7	0.						
110	30	19	31	31.2	91.6	650	99	44	51	96.1	91.0	1620	31	9	5	3.5	0.						
120	33	22	35	35.8	91.6	660	99	44	51	96.1	92.9	1680	29	9	5	3.0	0.						
130	38	26	38	45.4	91.6	670	99	44	51	96.5	95.8	1740	28	8	4	2.8	0.						
140	44	27	41	50.5	93.6	680	99	44	52	96.5	94.7	1800	27	8	4	2.6	0.						
150	48	30	43	56.9	97.2	690	99	44	52	96.5	92.8	1860	25	8	4	2.2	0.						
160	56	32	45	64.3	97.9	700	99	44	52	96.5	93.5	1920	24	8	4	2.5	0.						
170	60	33	47	67.5	100.2	710	99	44	53	96.5	91.2	1980	24	8	4	2.2	0.						
180	66	34	48	73.9	102.8	720	99	44	53	96.5	89.7	2040	23	8	4	1.6	0.						
190	71	35	48	74.7	98.3	730	99	44	53	96.9	92.3	2100	22	8	4	2.0	0.						
200	75	35	49	78.8	96.2	740	99	44	53	96.9	95.5	2160	22	7	3	2.3	0.						
210	79	37	49	80.7	81.2	750	99	43	53	96.9	95.0	2220	22	7	3	2.5	0.						
220	82	38	50	84.2	84.1	760	99	43	53	97.6	91.4	2280	22	7	3	2.5	0.						
230	85	39	50	85.5	83.9	770	99	43	53	97.6	88.6	2340	22	7	3	2.5	0.						
240	87	39	50	88.4	80.3	780	99	43	53	98.0	93.2	2400	22	7	3	2.5	0.						
250	90	39	50	89.8	81.1	790	99	43	53	98.0	94.1	2460	22	7	3	2.5	0.						
260	91	39	50	90.4	84.2	800	99	43	53	98.0	90.2	2520	22	7	3	2.5	0.						
270	92	40	51	91.2	84.4	810	99	43	53	99.2	93.9	2580	22	7	3	2.5	0.						
280	93	41	51	91.4	85.1	820	100	43	53	99.9	96.6	2640	22	7	3	2.5	0.						
290	94	41	51	90.6	86.4	830	100	43	53	99.9	96.9												
300	95	41	51	93.0	93.7	840	100	43	53	100.7	93.0												
310	96	41	51	93.7	96.2	850	100	43	53	100.7	92.4												
320	96	41	51	94.4	93.6	860	100	43	53	100.7	95.8												
330	97	41	52	95.1	91.2	870	100	43	54	101.1	94.7												
340	97	42	52	95.8	89.4	880	101	43	54	99.8	93.9												
350	97	42	52	96.6	88.9	890	101	44	54	99.7	95.1												
360	97	43	53	95.8	90.7	900	101	44	54	99.3	98.6												
370	98	43	53	97.3	96.1	910	-	-	-	-	42.0												
380	98	43	53	98.0	96.4	920	-	-	-	-	10.0												
390	99	43	53	99.2	97.2	930	-	-	-	-	10.0												
400	99	43	53	99.2	94.8	940	-	-	-	-	10.0												
410	99	43	53	99.9	92.4	950	-	-	-	-	10.0												
420	100	43	53	100.3	94.2	960	98	39	45	85.4	10.0												
430	100	43	53	99.9	95.0	970	-	-	-	-	10.0												
440	100	43	53	100.7	90.6	980	-	-	-	-	10.0												
450	100	43	54	100.7	91.4	990	-	-	-	-	10.0												
460	100	43	54	100.7	94.1	1000	-	-	-	-	3.0												
470	100	44	57	101.1	95.2	1010	-	-	-	-	3.0												
480	101	44	57	101.5	89.6	1020	85	30	32	51.3	3.0												
490	101	44	54	101.5	89.3	1030	-	-	-	-	3.0												
500	101	44	54	100.7	91.7	1040	-	-	-	-	3.0												
510	100	44	53	99.6	93.4	1050	-	-	-	-	3.0												
520	100	43	53	99.2	93.2	1060	-	-	-	-	3.0												
530	100	43	53	98.4	92.9	1070	-	-	-	-	3.0												

資料 3.212　流出量・降雨量および水路水位

DISCHARGE & R.I. 30 -5-11, 531129, 2-150 0 AREA=160.M**2 QMAX=137.1MM/H 30 -5 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	20	7	3	1.9	97.9
10	20	7	4	2.5	97.9
20	20	7	4	3.3	97.9
30	20	7	6	5.0	120.0
40	20	9	9	7.7	127.5
50	21	11	12	11.7	134.2
60	22	13	18	18.5	149.2
70	24	16	26	26.4	152.2
80	28	22	37	37.0	141.2
90	33	28	45	49.1	131.8
100	39	32	51	59.8	134.1
110	48	36	54	73.1	140.9
120	57	40	56	85.7	135.5
130	65	43	58	96.9	147.0
140	75	46	61	108.1	148.1
150	83	49	62	116.4	148.2
160	90	51	62	125.9	149.5
170	97	52	62	134.0	130.8
180	102	53	63	139.4	134.0
190	106	54	62	141.9	139.2
200	109	55	62	143.2	143.3
210	111	56	62	143.8	107.0
220	113	56	61	143.1	29.2
230	114	53	59	140.5	8.5
240	114	51	56	133.1	8.5
250	113	49	53	126.3	8.5
260	112	47	49	116.6	8.5
270	109	44	46	104.8	8.5
280	106	41	43	94.9	8.5
290	102	39	41	82.0	14.3
300	99	36	39	72.7	23.1
310	96	34	37	64.9	23.1
320	93	33	34	59.8	0.
330	89	31	32	54.0	0.
340	86	30	31	49.1	0.
350	84	28	30	44.6	0.
360	82	27	29	43.2	0.
370	79	26	28	39.9	0.
380	76	25	27	35.9	0.
390	75	24	25	34.6	0.
400	73	23	24	32.8	0.
410	71	23	22	31.1	0.
420	70	22	21	28.4	0.
430	68	22	20	26.9	0.
440	66	21	20	24.8	0.
450	65	20	19	23.1	0.
460	64	20	18	22.2	0.
470	62	19	18	21.1	0.
480	61	18	17	20.0	0.
490	60	18	17	19.3	0.
500	59	18	16	18.2	0.
510	57	17	16	17.6	0.
520	56	17	15	17.0	0.
530	55	17	15	15.7	0.
540	55	16	15	15.4	0.
550	54	16	15	15.2	0.
560	53	16	14	14.4	0.
570	52	16	14	13.5	0.
580	51	15	13	12.8	0.
590	50	15	12	12.2	0.
600	50	15	11	11.8	0.
660	44	12	9	7.9	0.
720	40	12	7	6.0	0.
780	37	10	6	4.9	0.
840	34	10	6	3.9	0.
900	32	10	5	3.6	0.
960	30	9	5	2.9	0.
1020	28	9	5	2.8	0.
1080	27	8	4	2.5	0.
1140	26	8	4	2.3	0.
1200	25	8	4	2.3	0.
1260	24	8	4	2.2	0.
1320	23	7	4	2.1	0.
1380	23	7	4	2.0	0.
1440	22	7	4	1.5	0.
1500	21	7	4	1.5	0.
1560	21	7	3	1.6	0.
1620	20	7	3	1.7	0.
1680	20	7	3	1.6	0.
1740	20	7	3	1.7	0.
1800	20	7	3	1.9	0.

資料 3.213　流出量・降雨量および水路水位

DISCHARGE & R.I.　30 -6-11,　531129,　2-120　0 AREA=160.M**2　QMAX= 92.9MM/H　30 -6 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	11	4	3	0.5	75.7	540	53	16	15	14.7	0.												
10	11	4	3	0.5	75.7	550	52	16	15	14.5	0.												
20	11	4	3	0.5	75.7	560	51	16	14	13.2	0.												
30	11	4	4	1.3	77.5	570	50	15	12	12.4	0.												
40	11	4	4	2.4	78.9	580	50	15	12	12.4	0.												
50	11	5	6	3.6	89.4	590	49	14	12	11.1	0.												
60	12	6	8	6.3	113.9	600	48	14	10	10.5	0.												
70	13	7	12	9.8	116.6	660	43	12	9	7.0	0.												
80	14	10	17	14.9	113.9	720	39	11	7	5.0	0.												
90	16	13	23	20.9	110.3	780	36	10	7	4.5	0.												
100	19	16	29	27.2	110.2	840	33	10	6	3.7	0.												
110	23	21	35	36.6	108.1	900	31	9	5	3.4	0.												
120	28	25	40	44.0	108.6	960	29	9	5	2.6	0.												
130	34	29	42	52.6	107.8	1020	27	8	5	2.3	0.												
140	42	31	45	61.0	110.0	1080	26	8	4	2.4	0.												
150	49	33	48	67.7	108.9	1140	25	8	4	2.4	0.												
160	56	35	49	75.5	107.2	1200	24	8	4	1.9	0.												
170	64	37	52	81.9	102.3	1260	23	7	4	1.4	0.												
180	70	39	54	88.2	104.2	1320	22	7	4	1.8	0.												
190	76	42	55	92.8	109.8	1380	22	7	4	1.4	0.												
200	82	43	56	98.3	112.8	1440	21	7	4	1.4	0.												
210	87	44	56	101.6	35.3	1500	20	7	4	2.1	0.												
220	91	45	56	104.3	0.																		
230	94	44	55	103.3	0.																		
240	96	43	51	99.9	0.																		
250	97	41	48	95.6	0.																		
260	97	39	46	90.6	0.																		
270	96	37	43	82.4	0.																		
280	94	35	40	74.0	0.																		
290	92	34	38	66.8	0.																		
300	90	33	37	62.0	0.																		
310	88	31	35	57.1	0.																		
320	86	29	33	52.4	0.																		
330	84	28	31	47.4	0.																		
340	81	28	30	44.5	0.																		
350	79	26	28	41.0	0.																		
360	77	25	28	37.2	0.																		
370	75	24	26	35.9	0.																		
380	74	24	25	33.3	0.																		
390	72	23	22	31.5	0.																		
400	70	22	22	28.5	0.																		
410	68	21	21	26.2	0.																		
420	67	21	20	24.4	0.																		
430	65	20	19	22.7	0.																		
440	63	19	19	21.9	0.																		
450	62	19	18	20.3	0.																		
460	61	18	17	20.0	0.																		
470	60	18	17	19.3	0.																		
480	59	18	17	19.0	0.																		
490	57	17	16	17.6	0.																		
500	56	17	16	16.7	0.																		
510	55	17	16	16.4	0.																		
520	55	17	16	15.8	0.																		
530	54	16	16	16.0	0.																		

資料 3.214　流出量・降雨量および水路水位

DISCHARGE & R.I. 30 -7-11, 531129, 1-120 0 AREA=159.M**2 QMAX=123.4MM/H 30 -7 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	18	6	3	1.6	107.1	540	109	50	60	123.8	103.3	1200	50	16	12	12.8	0.						
10	18	7	4	2.2	107.1	550	109	50	60	124.2	105.0	1260	46	13	9	8.9	0.						
20	18	7	5	3.0	102.6	560	109	50	60	125.1	98.2	1320	41	12	8	6.1	0.						
30	19	8	6	4.7	99.6	570	109	50	60	125.1	97.0	1380	37	10	7	4.9	0.						
40	19	8	8	6.3	101.4	580	110	50	61	126.0	100.7	1440	34	10	6	4.1	0.						
50	19	10	11	9.1	113.5	590	110	51	61	125.6	109.1	1500	32	10	5	3.6	0.						
60	21	12	16	13.3	124.2	600	110	51	61	125.6	99.9	1560	30	9	5	3.5	0.						
70	22	15	21	18.9	115.1	610	110	51	61	125.2	93.1	1620	29	8	4	2.9	0.						
80	24	18	28	26.1	113.9	620	110	51	60	125.2	96.9	1680	27	8	4	2.5	0.						
90	28	22	35	34.1	118.2	630	110	51	60	125.2	140.1	1740	26	8	4	3.7	0.						
100	32	26	40	44.4	106.8	640	110	50	60	125.2	112.5												
110	38	30	44	52.1	105.8	650	110	50	59	125.2	106.3												
120	45	33	47	62.0	113.3	660	110	50	59	124.8	105.9												
130	53	35	50	71.3	111.2	670	110	50	59	124.8	103.9												
140	59	37	52	78.3	112.5	680	110	50	59	124.4	104.3												
150	67	40	53	84.3	110.3	690	109	50	59	123.6	105.9												
160	73	43	55	89.5	111.8	700	109	50	59	123.6	107.1												
170	80	44	56	98.4	107.8	710	109	50	59	122.7	106.9												
180	84	45	57	101.1	110.7	720	109	50	59	123.1	116.0												
190	89	46	58	106.9	118.6	730	109	50	59	123.1	117.0												
200	93	47	59	109.8	109.3	740	109	50	59	123.4	108.4												
210	96	47	59	113.9	106.9	750	109	50	59	123.4	101.2												
220	99	48	59	115.6	118.1	760	109	50	59	123.4	104.0												
230	101	48	59	113.7	114.3	770	109	49	58	123.4	109.1												
240	102	48	59	116.2	108.0	780	109	49	58	123.1	111.4												
250	103	48	59	115.5	110.0	790	109	49	58	123.1	109.2												
260	104	48	59	115.6	112.8	800	109	49	58	122.7	113.4												
270	105	48	59	117.3	100.8	810	109	49	58	121.8	79.5												
280	105	48	59	117.0	107.1	820	109	49	57	119.9	51.5												
290	106	48	59	118.7	131.9	830	108	49	57	116.7	19.1												
300	106	49	59	119.2	119.7	840	108	49	56	114.8	19.1												
310	106	49	59	119.2	108.1	850	107	47	54	108.6	19.1												
320	107	49	59	120.1	135.3	860	105	45	51	101.6	19.1												
330	107	50	59	120.5	93.4	870	103	43	48	94.8	19.3												
340	107	50	60	121.8	98.4	880	101	41	46	87.4	19.7												
350	108	50	60	123.1	110.3	890	100	39	43	82.5	19.7												
360	108	50	60	123.6	120.4	900	98	37	40	78.4	19.7												
370	109	50	60	124.1	113.7	910	-	-	-	-	19.7												
380	109	50	60	123.7	110.5	920	-	-	-	-	22.8												
390	109	50	60	123.3	109.5	930	-	-	-	-	35.2												
400	109	50	60	122.6	109.5	940	-	-	-	-	35.2												
410	109	50	60	123.4	109.9	950	-	-	-	-	48.0												
420	109	50	60	123.4	114.0	960	83	27	29	45.4	35.5												
430	109	50	60	122.9	113.1	970	-	-	-	-	23.0												
440	109	50	60	122.2	108.7	980	-	-	-	-	23.0												
450	109	50	60	122.6	110.0	990	-	-	-	-	23.0												
460	109	50	60	123.8	108.4	1000	-	-	-	-	20.2												
470	109	50	61	122.6	108.0	1010	-	-	-	-	17.5												
480	109	50	61	123.8	111.8	1020	70	22	21	28.7	17.5												
490	109	50	60	123.4	107.5	1030	-	-	-	-	17.5												
500	109	50	60	122.9	108.3	1040	-	-	-	-	9.5												
510	109	50	60	123.4	110.8	1050	-	-	-	-	9.5												
520	109	50	60	123.4	114.5	1080	61	19	17	20.8	0.												
530	109	50	60	124.2	103.9	1140	55	17	15	16.4	0.												

資料 3.215　流出量・降雨量および水路水位

DISCHARGE & R.I.,　30 -8-11,　531129,　2-200　0 AREA=160.M**2　QMAX=197.8MM/H　　30 -8 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	22	7	3	2.4	72.5	540	56	17	16	15.6	0.												
10	22	7	4	3.0	72.5	550	55	17	16	16.1	0.												
20	22	7	5	4.7	72.5	560	54	17	15	14.8	0.												
30	22	8	7	6.6	101.5	570	54	16	14	15.7	0.												
40	22	10	10	11.6	125.5	580	53	16	13	13.8	0.												
50	23	12	16	17.6	162.0	590	51	15	12	12.7	0.												
60	25	17	27	27.7	176.3	600	51	15	11	12.2	0.												
70	29	23	36	40.2	168.8	660	45	13	9	8.0	0.												
80	34	30	50	52.2	185.6	720	41	12	7	6.4	0.												
90	42	36	59	68.2	185.3	780	37	11	7	4.8	0.												
100	51	41	61	83.6	182.5	840	34	10	6	4.3	0.												
110	60	45	63	101.3	215.0	900	32	10	6	2.6	0.												
120	72	51	63	117.8	178.8	960	29	9	5	2.5	0.												
130	82	54	63	133.7	149.7	1020	29	9	5	3.8	0.												
140	94	57	64	152.7	149.7	1080	27	8	4	2.3	0.												
150	103	60	64	167.2	171.8	1140	26	8	4	2.6	0.												
160	111	63	64	179.9	152.9	1200	25	8	4	2.1	0.												
170	117	65	64	187.9	144.6	1260	24	8	4	1.9	0.												
180	122	66	64	195.7	141.0	1320	23	8	4	2.3	0.												
190	126	66	64	200.1	145.7	1380	23	8	3	2.2	0.												
200	128	66	64	202.4	132.8	1440	22	7	3	2.0	0.												
210	130	67	64	201.9	137.1	1500	22	7	3	2.5	0.												
220	131	67	64	200.4	149.9																		
230	132	67	64	198.9	157.4																		
240	132	66	64	194.7	45.0																		
250	132	64	63	188.3	0.																		
260	130	61	61	176.8	0.																		
270	127	57	59	161.4	0.																		
280	124	53	55	145.0	0.																		
290	120	50	51	128.8	0.																		
300	116	46	50	113.7	0.																		
310	112	43	44	100.4	0.																		
320	107	40	41	87.6	0.																		
330	103	37	38	75.9	0.																		
340	98	35	36	65.5	0.																		
350	95	34	34	59.7	0.																		
360	91	31	32	54.8	0.																		
370	88	30	30	48.9	0.																		
380	85	29	28	44.5	0.																		
390	82	27	27	42.1	0.																		
400	80	26	26	39.3	0.																		
410	77	25	25	35.4	0.																		
420	75	24	23	34.0	0.																		
430	74	23	22	31.7	0.																		
440	71	22	21	29.1	0.																		
450	70	22	20	26.8	0.																		
460	67	21	19	24.1	0.																		
470	66	20	19	23.2	0.																		
480	64	19	18	21.9	0.																		
490	63	19	17	20.3	0.																		
500	61	18	17	19.2	0.																		
510	60	18	16	18.1	0.																		
520	58	18	16	17.1	0.																		
530	57	17	16	16.9	0.																		

資料 3.216　流出量・降雨量および水路水位

DISCHARGE & R.I. 30 -9-11, 531129, 1-150 0 AREA=159.M**2 QMAX=156.5MM/H 30 -9 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	20	7	3	2.1	76.6	540	120	58	62	155.7	133.0	1680	25	8	4	2.2	0.						
10	20	7	3	2.1	76.6	550	120	58	62	155.3	132.0	1740	24	8	4	3.2	0.						
20	20	7	4	3.0	76.6	560	120	58	62	155.5	118.3												
30	20	8	6	4.0	94.0	570	120	58	62	154.3	117.5												
40	20	8	8	6.7	112.1	580	119	58	62	153.3	123.0												
50	21	10	12	11.0	155.7	590	120	58	62	156.1	123.3												
60	22	13	17	18.2	160.0	600	119	58	62	153.1	123.3												
70	24	17	25	27.2	157.3	610	119	58	62	153.9	117.4												
80	28	22	36	36.4	146.2	620	119	57	62	154.1	118.6												
90	33	28	45	51.1	143.5	630	119	57	62	155.2	120.7												
100	40	33	50	61.5	156.2	640	120	57	62	156.6	129.5												
110	47	38	56	74.0	156.9	650	120	57	62	156.3	131.5												
120	58	41	59	88.4	155.0	660	120	57	62	156.6	126.9												
130	66	46	61	98.3	156.2	670	120	57	62	157.3	135.9												
140	75	48	61	110.6	157.3	680	120	57	62	157.6	123.4												
150	84	51	61	119.1	138.8	690	120	57	62	158.7	117.7												
160	91	52	62	130.9	129.1	700	120	57	62	158.3	121.2												
170	97	54	62	137.5	129.4	710	121	57	62	159.3	130.6												
180	103	54	62	142.6	136.5	720	121	57	62	158.5	123.7												
190	107	56	62	148.2	169.4	730	121	57	62	158.5	122.4												
200	111	56	62	152.2	176.7	740	121	57	62	158.1	123.5												
210	113	56	62	152.9	184.8	750	120	57	62	157.1	131.5												
220	115	57	62	152.8	156.2	760	120	57	62	155.2	126.5												
230	116	56	61	150.2	149.8	770	120	57	62	153.3	114.6												
240	116	56	61	149.0	143.9	780	120	57	62	151.8	87.8												
250	116	55	61	146.7	138.6	790	119	57	62	144.4	84.2												
260	116	55	61	146.0	165.4	800	117	53	57	137.6	69.6												
270	116	55	61	145.0	144.8	810	116	51	54	130.8	47.6												
280	116	55	61	145.4	144.1	820	114	48	51	121.7	19.0												
290	116	56	62	146.2	146.0	830	112	46	49	116.0	19.0												
300	117	56	62	148.9	134.3	840	111	44	46	109.5	19.0												
310	117	57	62	150.2	142.3	850	106	42	44	95.4	3.4												
320	118	57	62	152.6	136.4	860	104	40	42	86.5	3.4												
330	118	57	63	153.6	141.9	870	101	38	40	76.2	3.4												
340	118	57	63	154.2	157.7	880	97	36	37	71.7	3.4												
350	119	58	63	154.4	139.5	890	94	33	35	63.5	3.4												
360	119	58	63	156.4	128.6	900	90	31	33	56.2	3.4												
370	119	58	62	155.6	123.7	910	-	-	-	-	3.4												
380	119	58	62	155.6	141.3	920	-	-	-	-	3.4												
390	120	58	62	155.9	135.0	930	-	-	-	-	3.4												
400	119	58	62	154.5	133.2	940	-	-	-	-	3.4												
410	120	58	63	155.5	128.5	950	-	-	-	-	3.4												
420	120	58	62	155.1	124.2	960	75	24	23	31.7	3.4												
430	119	58	62	155.2	138.8	1020	63	18	15	19.1	0.												
440	119	58	62	154.9	123.4	1080	54	15	11	11.4	0.												
450	119	58	62	155.2	121.4	1140	46	15	9	7.6	0.												
460	120	58	63	157.6	115.3	1200	41	13	8	6.3	0.												
470	120	58	63	157.6	117.6	1260	38	12	7	5.2	0.												
480	120	58	63	158.7	120.0	1320	35	11	6	4.5	0.												
490	120	58	63	157.9	127.3	1380	33	10	5	4.1	0.												
500	120	58	63	157.5	129.3	1440	31	10	5	3.3	0.												
510	120	58	62	157.1	135.6	1500	29	10	4	3.0	0.												
520	120	58	62	157.1	146.1	1560	28	9	4	2.8	0.												
530	120	58	62	155.7	136.6	1620	27	8	4	2.6	0.												

資料 3.217　流出量・降雨量および水路水位

DISCHARGE & R.I.　30-10-11,　531129,　1 -70　0 AREA=159.M**2　QMAX=113.2MM/H　30 -10 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	6	3	1.8	53.6	540	105	47	57	112.4	109.2	1080	67	21	22	25.8	29.9						
10	19	6	3	1.8	53.6	550	105	47	57	112.4	109.5	1090	-	-	-	-	29.9						
20	19	6	3	1.8	53.6	560	105	47	56	111.2	99.7	1100	-	-	-	-	24.9						
30	19	6	4	1.8	53.6	570	105	47	56	110.0	98.6	1110	-	-	-	-	21.5						
40	19	7	5	3.3	58.4	580	105	46	56	110.0	94.0	1120	-	-	-	-	21.5						
50	19	8	7	4.5	69.6	590	104	46	56	109.2	94.0	1130	-	-	-	-	21.4						
60	19	9	9	6.8	78.3	600	104	46	55	108.7	106.3	1140	59	18	20	18.5	27.7						
70	20	11	12	10.1	84.3	610	104	46	55	108.3	96.6	1150	-	-	-	-	27.7						
80	21	13	17	14.6	86.6	620	104	46	55	107.5	91.9	1160	-	-	-	-	23.6						
90	23	15	21	20.8	86.6	630	104	46	55	107.5	92.9	1170	-	-	-	-	17.6						
100	26	18	27	25.1	82.9	640	103	46	55	106.7	88.1	1180	-	-	-	-	17.6						
110	29	22	33	32.1	83.2	650	103	46	54	105.9	77.9	1190	-	-	-	-	17.6						
120	34	24	37	39.2	86.8	660	103	46	54	105.1	76.5	1200	53	16	15	14.8	17.6						
130	38	28	40	46.0	95.1	670	103	46	54	105.1	78.0	1210	-	-	-	-	4.6						
140	44	30	43	52.8	91.2	680	102	45	54	104.7	83.5	1220	-	-	-	-	4.6						
150	50	32	45	57.1	83.0	690	102	45	54	104.7	82.9	1230	-	-	-	-	4.6						
160	56	34	47	65.4	83.0	700	102	45	53	104.3	72.9	1240	-	-	-	-	4.6						
170	62	35	49	71.3	86.6	710	102	45	53	103.9	72.9	1250	-	-	-	-	4.6						
180	66	37	50	74.2	104.3	720	102	45	53	102.7	73.5	1260	49	15	14	12.8	4.6						
190	72	39	51	79.7	111.4	730	102	45	53	103.5	76.7	1270	-	-	-	-	4.6						
200	77	40	50	83.8	109.3	740	101	44	52	101.5	77.1	1280	-	-	-	-	4.6						
210	81	41	53	89.2	104.7	750	101	44	52	100.7	77.1	1290	-	-	-	-	4.6						
220	85	41	53	92.0	113.3	760	101	43	51	99.2	76.8	1300	-	-	-	-	4.6						
230	87	43	53	93.3	109.7	770	101	43	51	98.8	73.4	1310	-	-	-	-	4.6						
240	91	43	53	97.8	105.6	780	100	45	51	98.0	72.3	1320	46	14	12	11.0	4.6						
250	93	44	53	99.4	104.6	790	100	45	51	97.3	73.9	1330	-	-	-	-	4.6						
260	95	44	53	100.7	105.7	800	100	43	51	96.5	76.0	1340	-	-	-	-	4.6						
270	96	44	53	101.2	100.6	810	99	43	51	95.7	77.2	1350	-	-	-	-	4.6						
280	97	44	53	100.4	102.1	820	99	43	51	95.3	79.1	1360	-	-	-	-	4.6						
290	98	45	54	100.7	123.2	830	99	43	51	94.6	78.7	1370	-	-	-	-	4.6						
300	99	45	55	102.2	117.4	840	98	43	51	94.2	77.4	1380	43	13	12	9.1	4.6						
310	100	45	56	104.1	113.1	850	98	43	51	94.2	77.1	1440	40	12	9	7.0	0.						
320	100	46	56	103.8	118.2	860	98	42	51	93.5	79.8	1500	37	11	8	5.5	0.						
330	101	46	56	105.7	110.0	870	98	42	51	93.8	75.9	1560	35	10	6	5.0	0.						
340	101	46	58	107.7	109.4	880	98	42	50	88.8	70.5	1620	33	10	6	4.1	0.						
350	102	47	58	109.6	121.2	890	97	42	50	87.8	43.7	1680	31	9	5	3.1	0.						
360	103	47	58	110.5	120.3	900	97	41	50	87.1	27.9	1740	29	8	5	4.8	0.						
370	103	47	57	111.3	110.7	910	-	-	-	-	23.0												
380	103	47	56	111.7	109.7	920	-	-	-	-	22.5												
390	104	48	58	111.7	109.7	930	-	-	-	-	22.5												
400	105	48	56	113.8	110.0	940	-	-	-	-	28.0												
410	105	47	56	114.3	107.5	950	-	-	-	-	33.4												
420	105	47	56	113.9	108.6	960	90	34	36	65.3	31.6												
430	105	47	56	112.7	103.9	970	-	-	-	-	28.9												
440	105	47	57	112.3	99.6	980	-	-	-	-	28.9												
450	105	47	57	112.3	97.7	990	-	-	-	-	33.0												
460	105	48	57	112.3	105.8	1000	-	-	-	-	33.4												
470	105	48	57	112.3	132.2	1010	-	-	-	-	27.1												
480	105	48	57	112.7	110.7	1020	78	26	27	39.4	25.5												
490	105	48	57	112.7	117.1	1030	-	-	-	-	25.5												
500	105	48	57	112.7	98.6	1040	-	-	-	-	20.8												
510	105	47	57	113.6	88.9	1050	-	-	-	-	20.2												
520	105	47	57	113.6	94.4	1060	-	-	-	-	20.2												
530	105	47	57	113.2	100.2	1070	-	-	-	-	20.2												

資料 3.218　流出量・降雨量および水路水位

DISCHARGE & R.I. 30-11-11, 531129, 1 -50 0 AREA=159.M**2 QMAX= 53.5MM/H 30 -11 -11

TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H	TIME SEC	H1 MM	H2 MM	H3 MM	Q MM/H	R MM/H
0	19	6	2	1.7	46.0	540	77	30	37	53.0	37.8												
10	19	6	3	1.7	46.0	550	77	30	37	53.0	36.4												
20	19	6	3	1.7	46.0	560	77	30	37	53.4	36.2												
30	19	6	4	1.7	46.0	570	77	30	37	53.4	36.2												
40	19	6	5	2.4	46.0	580	77	30	37	53.4	30.6												
50	19	7	6	2.4	52.9	590	78	30	36	53.9	30.6												
60	19	8	6	4.3	54.8	600	78	30	36	53.9	30.6												
70	19	8	8	5.2	54.3	610	78	30	36	53.9	31.0												
80	19	10	10	7.9	51.1	620	78	30	36	53.5	31.6												
90	21	11	12	9.4	48.9	630	78	30	36	53.5	31.7												
100	21	12	15	12.3	48.9	640	78	30	37	53.5	31.8												
110	24	14	17	15.6	49.4	650	78	30	37	53.5	28.4												
120	24	15	19	16.6	49.5	660	78	30	37	53.5	28.4												
130	27	16	22	20.2	49.9	670	78	30	37	53.9	28.4												
140	29	18	24	22.3	49.5	680	78	30	37	53.9	28.4												
150	32	20	26	27.0	50.1	690	78	30	37	53.9	31.5												
160	34	21	28	28.8	52.0	700	78	30	37	54.4	32.3												
170	38	22	29	32.4	50.0	710	78	30	37	54.4	32.4												
180	42	23	30	36.1	47.9	720	78	30	37	54.4	31.5												
190	45	24	31	36.5	47.9	730	78	30	37	54.0	30.3												
200	49	24	32	39.5	48.2	740	78	30	37	54.0	30.3												
210	52	25	33	40.7	54.8	750	78	30	37	54.0	30.3												
220	53	26	33	41.5	61.3	760	78	30	37	54.0	30.6												
230	56	26	33	42.0	57.7	770	78	30	37	54.0	30.7												
240	59	26	34	43.9	51.4	780	78	30	37	54.0	30.7												
250	62	28	34	48.0	50.9	790	78	30	37	54.0	30.7												
260	63	28	34	47.2	50.9	800	78	30	37	54.0	16.7												
270	65	28	34	48.1	50.9	810	78	30	37	54.0	16.7												
280	67	29	35	49.1	47.5	820	78	30	37	53.7	16.7												
290	68	29	36	48.9	46.4	830	78	30	37	53.3	0.0												
300	70	29	36	49.5	46.8	840	78	30	37	52.9	0.0												
310	71	30	36	50.7	46.8	850	78	30	36	52.0	0.0												
320	71	30	36	50.8	46.8	860	77	30	35	51.1	0.0												
330	73	30	36	51.1	46.8	870	77	29	34	50.2	0.0												
340	74	30	36	51.1	90.8	880	77	29	33	46.3	0.0												
350	74	30	36	52.1	59.7	890	76	28	31	45.4	0.0												
360	74	30	36	51.3	56.2	900	76	28	30	44.5	0.0												
370	75	30	36	50.6	56.2	960	69	23	23	31.5	0.0												
380	75	30	36	51.5	50.2	1020	62	19	20	21.8	0.0												
390	75	30	36	53.3	50.2	1080	55	17	18	16.2	0.0												
400	75	30	36	52.9	50.2	1140	50	15	16	13.2	0.0												
410	76	30	36	54.1	52.8	1200	46	14	14	10.7	0.0												
420	77	30	36	54.4	53.9	1260	43	13	11	8.9	0.0												
430	77	30	36	54.7	53.9	1320	40	11	9	6.8	0.0												
440	77	30	36	53.6	52.5	1380	37	11	9	5.8	0.0												
450	77	30	36	52.8	52.0	1440	35	10	8	5.9	0.0												
460	77	30	36	53.4	52.0	1500	34	10	7	4.9	0.0												
470	77	30	36	53.4	52.1	1560	32	10	7	4.2	0.0												
480	77	30	36	53.4	50.7	1620	31	9	6	3.8	0.0												
490	77	30	36	53.0	49.3	1680	29	8	5	3.0	0.0												
500	77	30	36	53.0	29.3	1740	28	8	5	4.3	0.0												
510	77	30	36	53.0	29.3																		
520	77	30	37	53.0	31.9																		
530	77	30	37	53.0	38.1																		

資料 3.219　流出量・降雨量および水路水位

資料 4.1 ～ 4.3　貯水槽の減水深

左端の８数字（例：１７－３－６）：実験日 **No.** － **Run** －模型タイプ.

TIME ：測定時刻（分），実験開始からの経過時間

W. L.：貯水槽の減水深（*cm*）

貯水槽減水深（W.L.＝cm, TIME＝分） その①

		№ 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
17- 3- 6	TIME	0.	1.0	2.0	3.0	4.0	5.0	7.0	8.0	9.0	10.0	18.0	19.0	0.	0.	0.	0.	0.
	W.L.	0.	2.00	3.80	5.90	7.90	9.80	13.70	15.80	17.90	19.90	36.40	38.40	0.	0.	0.	0.	0.
17- 5- 6	TIME	2.0	3.0	7.0	13.0	14.0	21.0	22.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	W.L.	0.	0.40	2.40	5.30	5.80	9.30	9.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17- 6- 6	TIME	3.0	4.0	5.0	12.0	13.0	23.0	24.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	W.L.	0.	0.40	0.75	3.40	3.80	7.60	8.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17- 7- 6	TIME	5.0	6.0	11.0	12.0	17.0	18.0	26.0	27.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	W.L.	0.	0.30	1.80	2.10	3.55	3.80	6.15	6.40	0.	0.	0.	0.	0.	0.	0.	0.	0.
18- 3- 6	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	13.0	14.0	20.0	21.0	22.0	23.0	24.0	25.0	0.
	W.L.	0.	0.90	2.20	3.65	5.20	6.65	8.15	9.65	16.90	18.35	27.10	28.60	30.00	31.50	32.40	32.40	0.
18- 6- 6	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	12.0	13.0	19.0	20.0	21.0	22.0	23.0	0.	0.	0.
	W.L.	0.	0.55	1.50	2.45	3.40	4.30	5.30	10.05	11.00	16.80	17.70	18.70	19.70	19.80	0.	0.	0.
18- 7- 6	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	12.0	13.0	21.0	22.0	23.0	24.0	25.0	0.	0.	0.
	W.L.	0.	0.70	1.40	2.10	2.80	3.45	4.15	7.70	8.35	13.90	14.65	15.35	15.55	15.55	0.	0.	0.
19- 2- 6	TIME	1.0	2.0	3.0	4.0	5.0	9.0	10.0	19.0	20.0	21.0	23.0	27.0	28.0	0.	0.	0.	0.
	W.L.	0.	2.00	4.10	6.15	8.20	16.65	18.70	37.75	39.85	41.90	46.30	53.80	53.80	0.	0.	0.	0.
19- 3- 6	TIME	1.0	2.0	4.0	5.0	6.0	7.0	11.0	12.0	13.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0
	W.L.	0.	0.35	0.90	1.25	1.45	1.75	2.85	3.10	3.35	6.25	6.50	6.75	6.95	7.25	7.55	7.80	7.80
19- 4- 6	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	11.0	12.0	20.0	21.0	22.0	23.0	24.0	0.	0.	0.
	W.L.	0.	0.35	1.50	2.60	3.85	5.00	6.10	10.80	11.90	21.05	22.25	23.45	24.55	24.65	0.	0.	0.
19- 5- 6	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	9.0	11.0	12.0	13.0	22.0	23.0	24.0	26.0	0.	0.
	W.L.	0.	0.60	1.20	1.65	2.00	2.60	3.15	4.05	5.00	5.55	6.10	10.40	10.95	11.40	11.90	0.	0.
20- 3- 7	TIME	1.0	2.0	3.0	4.0	5.0	6.0	18.0	19.0	20.0	21.0	22.0	25.0	0.	0.	0.	0.	0.
	W.L.	0.	0.65	2.40	4.50	6.65	8.75	33.75	35.90	38.00	40.10	42.20	46.30	0.	0.	0.	0.	0.
20- 4- 7	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	18.0	19.0	20.0	21.0	22.0	0.	0.	0.
	W.L.	0.	0.20	0.80	1.80	2.95	3.70	4.70	5.65	6.65	15.20	16.20	17.10	18.05	18.35	0.	0.	0.
21- 6- 7	TIME	1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.0	22.5	23.0	24.0	25.0	26.0	27.0	29.0	0.	0.
	W.L.	0.	0.65	1.30	2.00	2.70	3.25	4.70	6.20	14.80	15.00	15.90	16.60	17.30	18.00	19.20	0.	0.
21- 3- 7	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	9.0	11.0	27.8	29.0	0.	0.	0.	0.	0.	0.
	W.L.	0.	0.90	2.40	3.75	5.20	6.75	8.10	11.00	13.90	38.10	38.75	0.	0.	0.	0.	0.	0.
21- 7- 7	TIME	1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.0	12.0	21.0	22.0	23.0	0.	0.	0.	0.	0.
	W.L.	0.	0.	0.85	1.35	1.85	2.35	3.30	4.20	5.25	9.60	10.10	10.35	0.	0.	0.	0.	0.
22- 3- 7	TIME	1.0	2.0	3.0	4.0	5.0	7.0	9.0	10.0	23.0	24.0	25.0	26.0	28.0	0.	0.	0.	0.
	W.L.	0.	0.40	0.65	0.90	1.20	1.80	2.40	2.70	6.45	6.70	6.95	7.20	7.50	0.	0.	0.	0.
22- 4- 7	TIME	1.0	2.0	3.0	4.0	5.0	7.0	8.0	24.0	25.0	27.0	0.	0.	0.	0.	0.	0.	0.
	W.L.	0.	1.10	2.35	3.55	4.70	6.95	8.10	27.55	28.75	29.25	0.	0.	0.	0.	0.	0.	0.
22- 5- 7	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	27.0	28.0	29.0	30.0	31.0	0.	0.	0.
	W.L.	0.	0.15	0.45	0.75	1.05	1.30	1.55	1.85	2.10	6.65	6.85	7.05	7.35	7.50	0.	0.	0.

資料 4.1　貯水槽の減水深

貯水槽減水深（W.L.＝cm，TIME＝分）　その②

		No. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
22- 6- 7	TIME	2.0	3.0	4.0	6.0	7.0	9.0	25.0	26.0	27.0	28.0	29.0	30.0	0.	0.	0.	0.	0.
	W.L.	0.	0.40	0.75	1.55	1.95	2.70	8.95	9.35	9.75	10.10	10.50	10.80	0.	0.	0.	0.	0.
23- 3- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	16.5	17.0	18.0	19.0	20.0	21.0	22.0	23.0	23.7
	W.L.	0.	1.50	3.60	5.55	7.65	9.75	11.80	13.85	31.65	32.70	34.75	36.90	39.05	41.15	43.25	45.45	48.55
23- 5- 8	TIME	2.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	27.8
	W.L.	0.	0.95	1.45	1.95	2.45	2.95	3.45	3.95	8.85	9.35	9.80	10.30	10.80	11.35	1.80	2.30	2.85
23- 6- 8	TIME	1.0	2.0	3.0	5.0	6.0	7.0	8.0	9.0	22.0	23.0	24.0	25.0	0.	0.	0.	0.	0.
	W.L.	0.	0.15	0.45	0.90	1.15	1.40	1.60	1.80	4.75	5.00	5.20	5.45	0.	0.	0.	0.	0.
24- 2- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	19.0	20.0	21.0	22.0	23.0	23.6	24.0	0.
	W.L.	0.	1.15	2.25	3.35	4.45	5.55	6.75	7.85	9.00	20.35	21.45	22.60	23.70	24.85	25.65	26.25	0.
24- 3- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	8.0	9.0	10.0	11.0	21.0	22.0	23.0	23.9	35.0	0.	0.
	W.L.	0.	0.05	0.40	0.65	0.95	1.20	1.80	2.10	2.40	2.70	5.55	5.80	6.10	6.40	6.45	0.	0.
24- 6- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	21.0	22.0	23.0	24.0	25.0	25.5	26.0	27.0
	W.L.	0.	1.30	2.65	4.15	5.55	6.95	8.35	9.80	11.20	28.55	30.05	31.45	32.90	34.35	35.20	35.75	36.55
24- 8- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	19.0	20.0	20.4	21.0	0.	0.	0.
	W.L.	0.	0.50	1.15	1.85	2.60	3.30	4.00	4.80	5.50	6.25	12.90	13.65	13.95	14.25	0.	0.	0.
24- 9- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	20.0	21.0	22.0	22.6	24.0	0.	0.
	W.L.	0.	0.30	0.60	1.00	1.40	1.80	2.20	2.60	2.95	3.35	7.20	7.60	8.00	8.20	8.40	0.	0.
25- 2- 8	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	29.0	30.0	31.0	32.0	33.0	0.	0.
	W.L.	0.	0.80	1.75	2.65	3.60	4.50	5.40	6.35	7.30	8.20	16.65	17.60	17.55	19.45	20.10	0.	0.
26- 2- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	19.0	20.0	21.0	22.0	22.8	24.0	0.	0.	0.	0.
	W.L.	0.	1.90	3.80	5.90	7.80	9.90	11.90	37.20	39.30	41.40	43.60	45.30	46.90	0.	0.	0.	0.
26- 5- 9	TIME	4.0	5.0	6.0	7.0	8.0	9.0	18.0	19.0	20.8	21.0	0.	0.	0.	0.	0.	0.	0.
	W.L.	0.	0.80	1.80	2.80	3.80	4.80	13.20	14.20	14.90	15.20	0.	0.	0.	0.	0.	0.	0.
26- 7- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	19.0	20.0	21.0	21.8	22.0	0.	0.	0.
	W.L.	0.	0.50	0.95	1.45	2.00	2.45	2.90	3.45	3.95	9.00	9.50	10.00	10.45	10.55	0.	0.	0.
26- 8- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	20.0	21.0	22.0	22.8	24.0	0.	0.	0.	0.
	W.L.	0.	0.35	0.55	0.80	1.05	1.25	1.50	1.70	4.55	4.80	5.05	5.25	5.35	0.	0.	0.	0.
27- 2- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	16.5	17.0	18.0	19.0	20.0	21.0	0.	0.
	W.L.	0.	0.40	1.45	2.60	3.65	4.75	5.90	7.00	8.05	16.55	17.10	18.25	19.35	20.05	21.15	0.	0.
27- 3- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	27.5	28.0	29.0	30.0	31.0	31.2	32.0
	W.L.	0.	0.40	1.20	2.00	2.75	3.50	4.35	5.10	5.90	6.70	20.90	21.25	22.10	22.90	23.65	23.90	24.40
27- 4- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	18.0	19.0	20.0	20.6	21.0	0.	0.	0.
	W.L.	0.	0.	0.35	0.80	1.15	1.55	1.95	2.40	2.75	6.25	6.60	13.00	7.25	7.40	0.	0.	0.
27- 6- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	17.0	18.0	19.0	19.6	21.0	0.	0.	0.	0.
	W.L.	0.	1.20	2.50	3.90	5.40	6.80	8.20	9.60	22.40	23.80	25.20	26.10	27.30	0.	0.	0.	0.
27- 9- 9	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	26.0	27.0	27.6	28.0	0.	0.	0.	0.
	W.L.	0.	0.30	0.65	0.95	1.20	1.50	1.75	2.05	2.35	5.85	6.15	6.35	6.40	0.	0.	0.	0.

資料 4.2　貯水槽の減水深

貯水槽減水深（W.L.＝cm，TIME＝分）　その③

		No. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
28- 2-10	TIME	2.0	3.0	4.0	5.0	6.0	7.0	15.5	16.0	17.0	18.0	18.5	19.0	20.0	0.	0.	0.	0.
	W.L.	0.	1.80	3.70	5.75	7.80	9.90	27.50	28.60	30.65	32.70	33.80	34.70	35.90	0.	0.	0.	0.
28- 5-10	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	16.0	17.0	17.7	19.0	0.	0.	0.	0.	0.
	W.L.	0.	1.15	2.30	3.35	4.55	5.65	6.80	7.95	17.10	18.20	18.65	19.75	0.	0.	0.	0.	0.
28- 7-10	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	16.0	16.4	17.0	0.	0.	0.	0.	0.
	W.L.	0.	0.60	1.50	2.35	3.20	4.00	4.95	5.85	6.80	12.85	13.20	13.60	0.	0.	0.	0.	0.
28- 8-10	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	15.5	16.0	17.0	18.0	19.0	19.1	20.0	0.	0.
	W.L.	0.	0.55	1.15	1.65	2.15	2.65	3.20	3.70	7.55	7.80	8.30	8.80	9.25	9.30	9.50	0.	0.
29- 2-10	TIME	1.0	2.0	4.0	5.0	6.0	7.0	8.0	9.0	14.0	15.0	16.0	17.0	17.3	18.0	19.0	20.0	0.
	W.L.	0.	1.05	3.75	5.15	6.60	8.05	9.55	11.00	19.15	19.55	21.00	22.45	22.95	23.75	24.45	24.55	0.
29- 4-10	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	19.0	20.0	20.2	21.0	22.0	23.0	0.	0.
	W.L.	0.	0.20	1.05	1.95	2.90	3.85	4.75	5.70	6.65	16.05	17.00	17.30	17.80	18.10	18.10	0.	0.
30- 2-11	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	12.0	13.0	14.0	15.0	16.0	17.0	17.1	18.0	18.5	0.
	W.L.	0.	1.55	3.40	5.30	7.40	9.40	11.35	21.45	23.50	25.50	27.45	29.60	31.60	31.90	33.60	34.30	0.
30- 4-11	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	15.0	16.0	17.0	17.2	18.0	0.	0.	0.
	W.L.	0.	0.30	1.20	2.10	2.95	3.85	4.80	5.80	6.75	12.35	13.30	14.20	14.40	15.00	0.	0.	0.
30- 7-11	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	13.0	14.0	14.5	15.0	16.0	0.	0.	0.	0.
	W.L.	0.	0.95	2.05	3.25	4.40	5.55	6.65	7.85	13.65	14.75	15.50	16.05	16.55	0.	0.	0.	0.
30- 9-11	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	12.0	13.0	14.0	15.0	0.	0.	0.	0.	0.	0.
	W.L.	0.	1.00	2.30	3.70	5.10	6.50	8.00	15.30	16.80	18.20	19.50	0.	0.	0.	0.	0.	0.
30-10-11	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	13.5	14.0	15.0	16.0	16.6	17.0	18.0	0.
	W.L.	0.	0.30	1.05	1.95	2.80	3.70	4.65	5.60	6.60	11.45	11.90	12.90	13.85	14.40	14.70	15.20	0.
30-11-11	TIME	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	14.0	15.0	15.3	16.0	0.	0.	0.	0.
	W.L.	0.	0.35	1.05	1.55	2.00	2.65	3.10	3.55	4.05	6.65	7.15	7.40	7.60	0.	0.	0.	0.

資料 4.3　貯水槽の減水深

資料 5.1 ～ 5.3　斜面の平衡時湛水深

資料 6.1 ～ 6.8　従水路の平衡時水位

資料 7.　集水路の平衡時水位

資料 8.　準集水路の平衡時水位

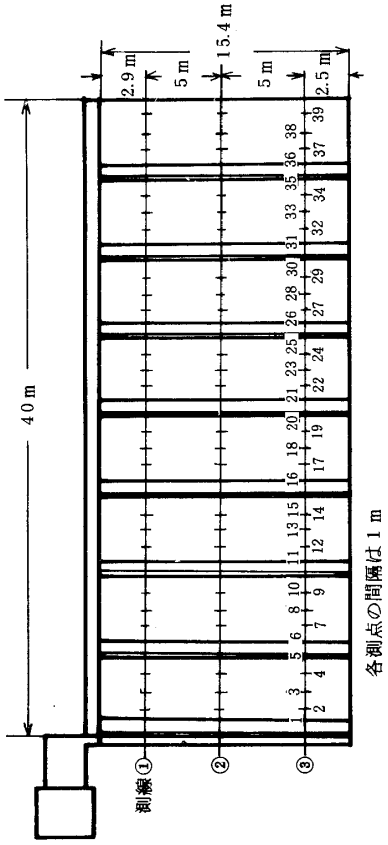
左端の８数字（例：１－１－１）：実験番号；実験日 **No.－Run－**模型タイプ

単位は㎜

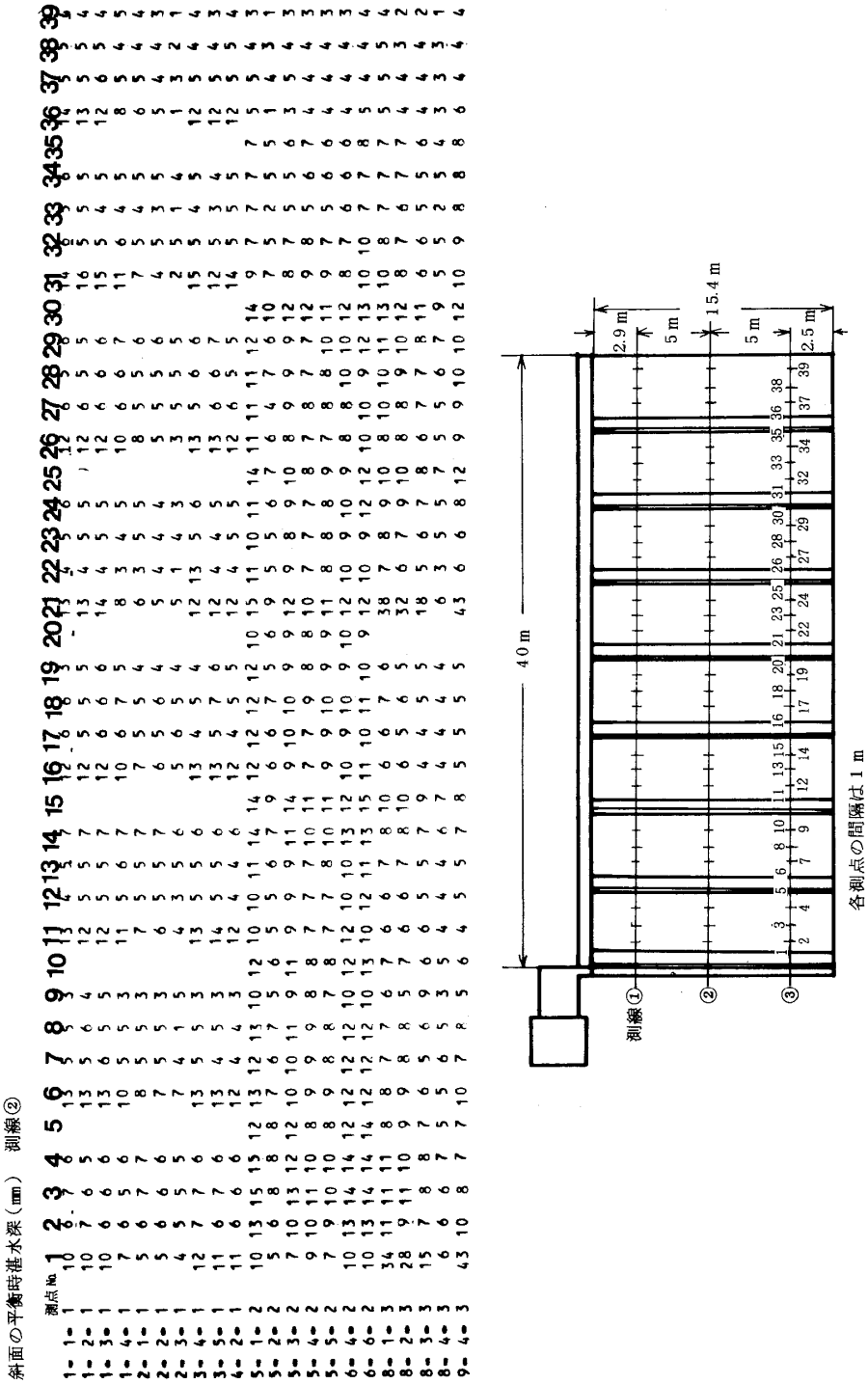
表中０は欠測

斜面の平衡時湛水深（mm）　測線①

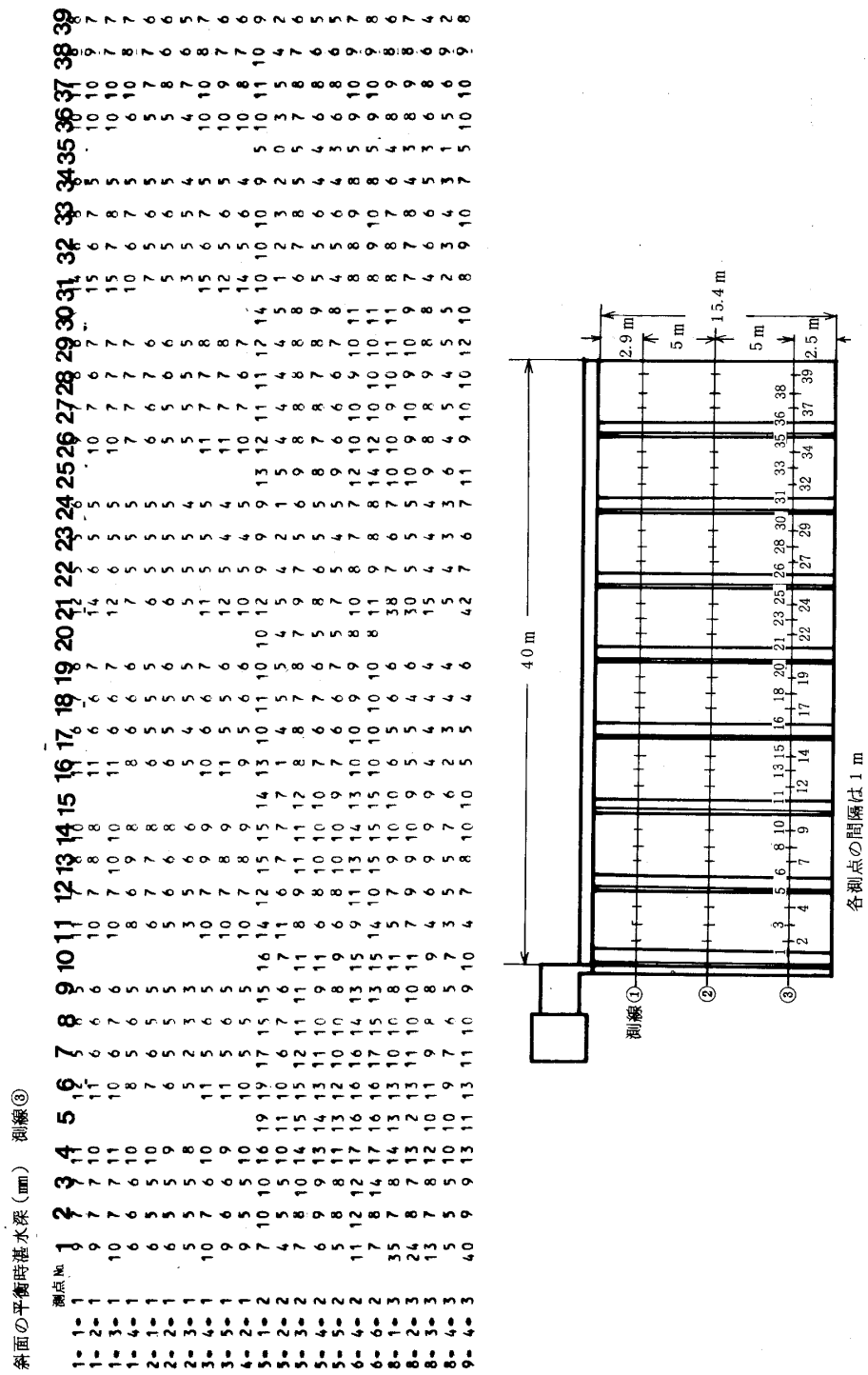
測点No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
1-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1-2	1	7	5	4	5	11	5	6	5	10	5	5	5	6	5	5	5	5	6	5	5	4	4	4	4	6	5	5	5	5	5	1	3	5	5	5	4	4	4
1-3	1	12	4	5	5	12	5	5	5	5	5	3	3	5	5	5	5	5	5	6	13	5	4	4	12	6	5	4	5	5	12	1	3	5	6	12	5	7	6
1-4	1	11	3	5	4	10	5	4	3	6	9	3	3	5	5	5	5	4	5	5	7	5	3	3	9	5	5	5	6	7	1	3	5	5	7	5	5	6	6
2-1	1	4	3	5	3	5	3	4	4	3	3	3	3	5	5	5	5	5	5	5	6	5	3	3	4	5	5	5	6	2	0	4	6	6	6	4	6	6	7
2-2	1	3	6	5	5	3	4	5	4	3	3	4	4	5	5	5	5	5	5	5	13	5	3	3	12	5	5	5	6	2	0	3	5	5	6	3	6	4	5
2-3	1	0	2	2	4	3	1	1	1	1	1	1	1	1	1	1	4	3	4	3	4	1	1	0	3	2	3	4	5	1	0	5	4	2	2	5	2	4	5
3-1	1	12	5	6	4	11	4	6	4	5	12	5	5	6	5	6	12	5	5	6	13	5	5	5	12	6	5	6	5	12	2	5	5	5	5	13	5	6	7
3-2	1	11	5	6	5	11	5	5	4	5	10	3	5	7	5	5	11	5	5	5	12	5	4	4	11	5	4	5	5	11	1	4	5	5	5	13	5	6	6
3-3	1	12	3	5	5	10	4	5	4	3	12	3	5	7	5	5	10	4	5	6	12	6	5	5	12	6	5	5	6	12	1	5	6	6	6	13	5	6	9
4-1	2	11	12	15	14	18	14	13	14	16	14	11	13	16	16	17	17	14	14	12	15	15	13	14	16	11	11	10	10	11	5	4	9	10	4	9	6	7	9
5-1	2	4	4	5	6	4	4	4	3	7	4	3	3	5	6	6	6	5	6	4	8	6	4	4	9	1	5	4	5	5	1	0	4	5	1	6	4	5	5
5-2	2	7	8	10	10	11	10	10	9	13	10	10	10	11	12	13	13	10	11	8	11	11	9	10	12	10	10	10	9	10	4	3	8	9	4	10	8	9	8
5-3	2	8	8	10	9	10	7	9	8	9	9	8	8	10	11	10	10	10	9	9	10	10	8	7	11	8	8	7	2	9	2	1	7	7	3	9	6	7	7
5-4	2	5	6	9	9	10	6	6	7	10	8	7	6	9	10	10	10	8	9	7	10	7	7	8	10	6	7	7	6	7	2	1	5	8	7	5	5	7	8
5-5	2	10	10	11	11	14	11	12	10	12	11	10	9	9	12	12	10	10	10	9	12	10	10	10	13	9	9	8	9	10	5	3	8	8	5	10	7	7	9
6-4	2	14	12	14	12	15	12	13	12	12	10	12	11	13	16	16	13	14	11	11	12	12	13	14	16	13	12	11	11	12	5	4	9	10	4	11	10	10	12
6-6	3	35	6	10	9	11	10	8	8	6	9	9	6	7	9	9	10	7	5	37	9	9	10	13	10	10	10	9	10	11	4	3	9	9	4	10	8	8	10
8-1	3	26	6	10	10	11	9	8	8	7	10	7	5	5	9	9	9	7	6	27	9	8	9	12	9	9	6	7	9	10	3	3	8	8	8	10	5	7	8
8-2	3	15	5	8	8	10	9	5	7	5	8	5	4	5	7	8	8	7	5	18	5	6	6	9	6	7	7	6	7	8	2	1	5	8	2	8	5	5	6
8-3	3	1	2	2	3	5	4	2	3	3	5	3	1	1	3	3	3	2	3	4	4	3	3	5	3	3	3	3	4	5	1	0	4	4	0	5	2	3	4
8-4	3	41	11	13	12	14	14	11	12	10	12	10	8	12	13	12	10	8	7	43	11	12	11	15	12	12	12	12	13	13	4	5	9	10	5	11	10	9	10



資料 5.1　斜面の平衡時湛水深



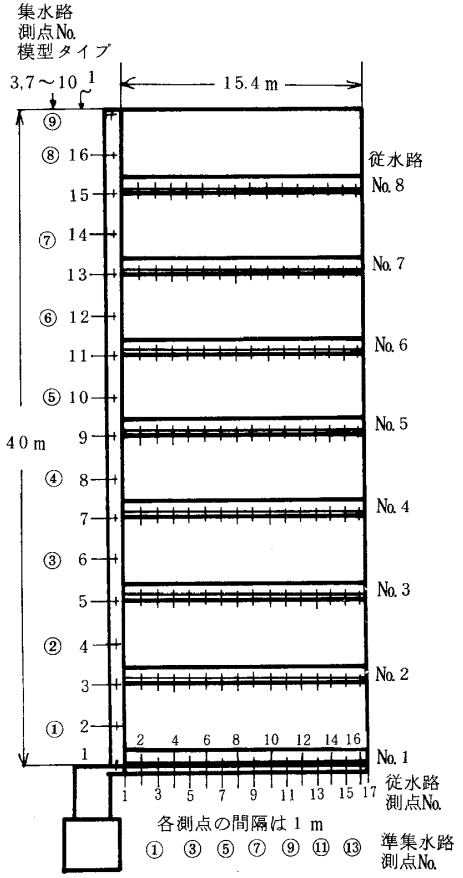
資料 5.2　斜面の平衡時湛水深



資料 5.3　斜面の平衡時湛水深

従水路平衡時水位（mm）　水路No.1

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1- 1- 1	0	0	67	0	68	0	63	0	61	0	57	0	60	0	55	0	0
1- 2- 1	0	0	68	0	67	0	64	0	61	0	57	0	60	0	56	0	0
1- 3- 1	0	0	65	0	66	0	64	0	60	0	58	0	60	0	55	0	0
1- 4- 1	0	0	58	0	62	0	59	0	55	0	53	0	55	0	51	0	0
2- 1- 1	0	0	50	0	54	0	53	0	50	0	47	0	50	0	46	0	0
2- 2- 1	0	0	43	0	45	0	43	0	40	0	37	0	40	0	33	0	0
2- 3- 1	0	0	23	0	27	0	25	0	20	0	17	0	19	0	15	0	0
3- 4- 1	0	0	70	0	72	0	70	0	60	0	60	0	62	0	60	0	0
3- 5- 1	0	0	63	0	70	0	68	0	63	0	60	0	60	0	58	0	0
4- 2- 1	0	0	68	0	70	0	65	0	61	0	58	0	59	0	58	0	0
8- 1- 3	0	0	85	0	89	0	86	0	87	0	82	0	83	0	81	0	75
8- 2- 3	0	0	75	0	78	0	78	0	77	0	75	0	76	0	75	0	68
8- 3- 3	0	0	65	0	71	0	70	0	67	0	63	0	65	0	61	0	57
8- 4- 3	0	0	52	0	60	0	55	0	55	0	50	0	50	0	48	0	40
8- 5- 3	0	0	115	0	117	0	114	0	107	0	105	0	107	0	104	0	0
9- 4- 3	0	0	92	0	98	0	96	0	92	0	88	0	88	0	83	0	80
9- 5- 3	0	0	95	0	97	0	93	0	87	0	85	0	85	0	82	0	76
20- 3- 7	55	87	91	92	92	88	82	82	82	80	83	80	77	75	74	78	85
20- 4- 7	43	73	72	77	75	72	65	65	65	64	68	65	61	60	55	57	67
21- 3- 7	49	82	82	84	84	80	76	76	77	74	77	71	69	67	63	65	74
21- 6- 7	40	67	68	72	70	64	58	57	61	60	61	60	56	56	51	51	63
21- 7- 7	33	54	63	66	63	63	56	53	56	53	59	55	53	51	45	45	55
22- 3- 7	27	53	57	60	60	55	46	45	45	42	45	42	40	36	33	32	41
22- 4- 7	43	74	77	78	77	75	70	68	71	69	73	71	66	65	60	63	71
22- 5- 7	22	43	46	49	49	45	35	34	33	29	31	26	22	20	17	17	29
22- 6- 7	30	60	60	65	66	62	55	55	58	56	59	56	53	50	45	47	58
23- 3- 8	45	71	73	76	73	72	66	66	69	66	70	67	65	65	61	61	72
23- 5- 8	23	45	53	53	55	48	39	37	36	33	36	31	27	26	21	21	34
23- 6- 8	13	27	29	31	27	21	14	10	10	8	10	7	5	5	10	10	20
24- 2- 8	37	63	67	67	60	59	59	60	57	63	60	56	55	50	49	50	59
24- 3- 8	19	38	40	43	42	37	28	25	25	22	25	21	16	14	13	15	25
24- 6- 8	38	66	68	70	67	65	59	59	60	58	63	60	56	55	50	50	63
24- 8- 8	29	57	58	63	61	56	50	50	51	48	52	48	42	41	36	36	47
24- 9- 8	22	48	52	42	33	50	53	57	60	55	53	51	47	42	34	29	20
25- 2- 8	42	67	68	68	67	64	57	55	57	57	59	57	55	53	47	48	57
26- 2- 9	33	63	66	68	65	61	53	52	54	52	56	52	45	45	40	41	61
26- 5- 9	24	44	46	50	51	47	40	39	36	33	37	34	30	29	24	24	38
26- 7- 9	15	30	35	35	35	30	21	19	19	15	17	15	12	11	11	12	24
26- 8- 9	9	21	21	24	21	16	9	6	7	6	9	6	8	7	9	10	20
27- 2- 9	27	47	52	56	56	52	43	42	42	40	42	37	34	32	26	26	37
27- 3- 9	24	42	46	50	50	45	36	34	33	29	31	26	21	19	14	14	25
27- 4- 9	14	30	31	32	30	25	15	12	13	10	13	10	10	10	11	12	22
27- 6- 9	30	57	59	62	60	57	50	50	50	46	50	46	42	41	36	36	48
27- 9- 9	11	23	25	26	24	19	10	8	9	6	8	6	6	6	8	10	21
28- 2-10	33	61	63	65	62	59	52	52	53	52	59	55	52	52	46	46	57
28- 5-10	24	52	54	58	55	52	44	43	42	40	42	40	36	33	28	28	38
28- 7-10	22	45	49	50	49	45	36	32	34	30	31	29	25	23	18	19	29
28- 8-10	16	32	34	37	34	30	22	19	18	16	18	11	11	10	12	12	22
29- 2-10	31	54	59	61	60	55	49	47	50	48	49	47	42	40	35	35	46
29- 4-10	23	47	51	52	52	50	42	40	40	35	40	35	32	30	26	26	37
30- 2-11	34	63	65	68	63	58	51	51	52	48	53	54	50	46	42	45	59
30- 4-11	23	47	49	51	52	48	40	38	38	35	37	33	30	29	23	24	25
30- 7-11	27	53	52	59	59	57	49	48	46	43	47	43	39	35	30	31	40
30- 9-11	31	58	62	63	63	62	53	50	50	49	51	47	44	42	36	36	49
30-10-11	24	48	51	54	53	50	42	40	38	35	37	33	30	25	21	21	35
30-11-11	16	32	35	37	34	30	22	19	18	15	19	15	15	15	13	14	23

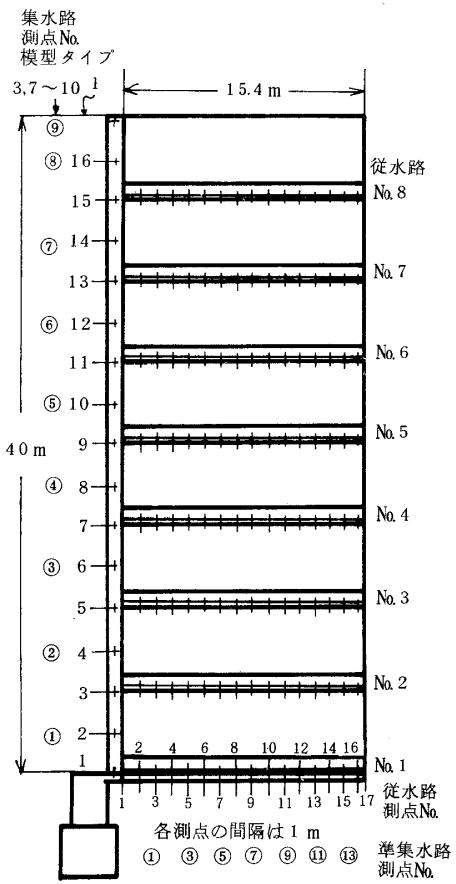


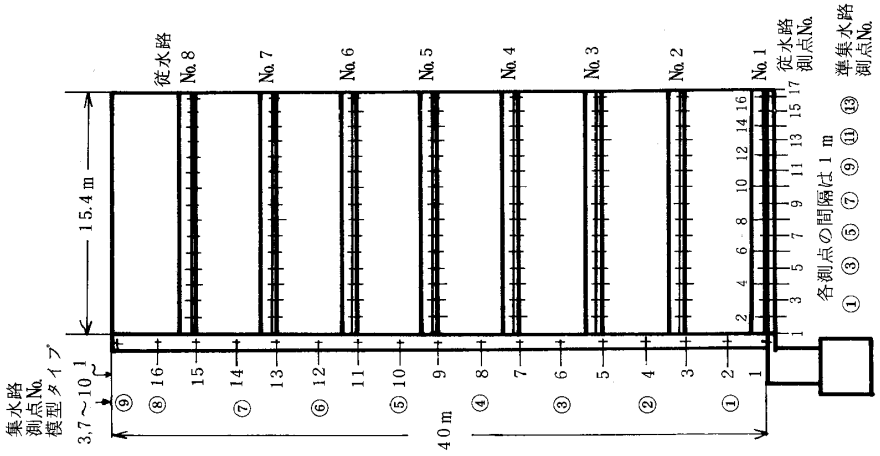
資料6.1　従水路の平衡時水位

資料 6.2　従水路の平衡時水位

従水路平衡時水位（mm）　水路No.2

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1- 1- 1	0	0	68	0	66	0	63	0	65	0	65	0	62	0	59	0	0
1- 2- 1	0	0	68	0	65	0	63	0	64	0	64	0	60	0	55	0	0
1- 3- 1	0	0	67	0	65	0	65	0	63	0	64	0	62	0	58	0	0
1- 4- 1	0	0	59	0	59	0	59	0	58	0	59	0	55	0	51	0	0
2- 1- 1	0	0	52	0	53	0	52	0	53	0	53	0	48	0	43	0	0
2- 2- 1	0	0	43	0	42	0	42	0	43	0	42	0	40	0	33	0	0
2- 3- 1	0	0	25	0	21	0	22	0	22	0	21	0	17	0	13	0	0
3- 4- 1	0	0	70	0	64	0	66	0	66	0	64	0	63	0	60	0	0
3- 5- 1	0	0	67	0	65	0	63	0	63	0	60	0	60	0	58	0	0
4- 2- 1	0	0	67	0	63	0	62	0	62	0	62	0	59	0	55	0	0
8- 1- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 2- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 3- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 4- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 5- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 4- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 5- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20- 3- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20- 4- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 3- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 6- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 7- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 3- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 4- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 5- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 6- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23- 3- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23- 5- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23- 6- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 2- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 3- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 6- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 8- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 9- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25- 2- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26- 2- 9	33	56	59	62	62	65	63	60	58	58	55	51	51	54	54	51	47
26- 5- 9	22	40	44	48	47	51	55	51	49	49	44	40	40	41	40	38	30
26- 7- 9	14	29	30	33	32	35	36	33	29	28	23	21	21	21	19	16	9
26- 8- 9	7	14	17	19	20	20	21	17	12	11	6	8	10	11	9	5	1
27- 2- 9	26	41	48	50	53	55	54	54	51	51	46	44	43	44	41	36	31
27- 3- 9	19	27	32	39	40	45	50	46	44	41	36	33	32	34	30	29	21
27- 4- 9	14	24	28	30	31	32	33	30	25	25	20	18	19	21	19	15	5
27- 6- 9	29	49	55	60	60	62	59	58	56	55	51	47	50	49	48	45	39
27- 9- 9	12	20	20	21	23	26	26	24	20	19	14	12	15	15	14	9	5
28- 2-10	32	59	60	67	65	65	65	62	59	59	55	52	52	57	57	55	45
28- 5-10	26	47	48	56	53	57	59	58	54	54	50	47	44	47	43	42	35
28- 7-10	23	36	39	44	43	48	50	48	44	43	38	36	34	35	32	31	24
28- 8-10	15	23	28	31	35	34	37	28	29	30	24	20	20	21	20	16	10
29- 2-10	30	50	53	61	62	65	63	66	55	55	52	47	47	48	47	45	39
29- 4-10	21	36	42	46	47	52	56	53	49	49	43	41	40	40	34	35	29
30- 2-11	32	64	62	65	66	67	67	64	62	63	57	55	53	57	57	52	46
30- 4-11	22	36	39	43	46	49	53	51	48	48	42	39	38	40	37	33	28
30- 7-11	26	45	50	53	56	61	62	58	54	55	50	46	46	48	47	43	37
30- 9-11	30	52	55	61	65	65	64	60	58	59	54	50	50	52	49	46	39
30-10-11	24	38	43	50	50	53	59	56	50	50	45	40	40	41	40	36	29
30-11-11	13	27	30	35	33	35	35	33	30	30	25	21	21	21	20	18	10

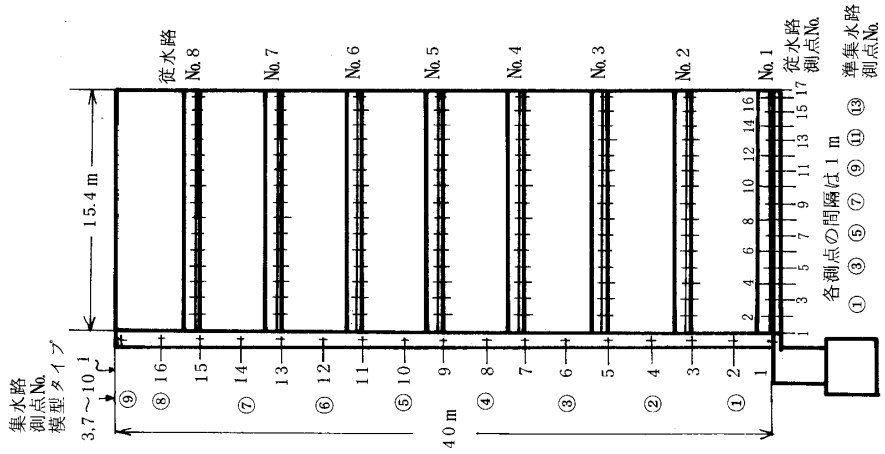




従水路平衡時水位（mm）　水路No.3

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1-1-1	0	0	59	0	62	0	65	0	62	0	59	0	59	0	60	0	0
1-2-1	0	0	60	0	55	0	59	0	62	0	65	0	65	0	60	0	0
1-3-1	0	0	58	0	62	0	64	0	60	0	59	0	58	0	59	0	0
1-4-1	0	0	55	0	60	0	61	0	59	0	56	0	52	0	58	0	0
2-1-1	0	0	47	0	52	0	55	0	53	0	52	0	50	0	50	0	0
2-2-1	0	0	35	0	42	0	47	0	45	0	41	0	40	0	40	0	0
2-3-1	0	0	17	0	22	0	23	0	22	0	20	0	20	0	18	0	0
3-4-1	0	0	63	0	66	0	66	0	64	0	63	0	63	0	62	0	0
3-5-1	0	0	60	0	62	0	66	0	63	0	60	0	60	0	60	0	0
4-2-1	0	0	60	0	64	0	64	0	62	0	59	0	58	0	58	0	0
8-1-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-2-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-3-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-7-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-5-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-3-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-5-8	45	70	66	70	76	80	79	76	73	74	65	66	71	70	64	0	65
23-6-8	23	33	33	35	46	53	58	58	54	53	47	35	35	38	35	27	29
23-8-8	15	20	19	21	26	30	35	36	32	29	25	13	16	19	16	9	9
23-9-8	35	60	63	60	62	66	72	72	66	66	60	50	50	54	52	45	44
24-3-8	20	28	26	26	37	42	46	45	40	40	35	25	25	27	23	16	15
24-6-8	36	68	69	60	65	71	75	76	70	69	63	52	55	61	58	50	50
24-8-8	29	46	43	42	57	60	65	64	61	62	58	47	46	50	46	40	40
24-9-8	20	29	31	30	38	50	55	54	53	51	45	33	32	35	32	25	25
25-2-8	40	53	56	47	58	64	69	68	65	63	58	48	48	51	49	41	42
26-2-9	43	57	58	52	62	69	70	70	64	63	58	51	53	55	56	52	50
26-5-9	31	34	36	36	44	53	58	59	54	54	51	38	38	40	37	29	29
26-7-9	22	25	26	24	29	38	42	43	38	35	32	18	20	23	20	12	11
26-8-9	8	10	11	11	16	20	25	26	21	18	11	5	11	12	11	5	5
27-2-9	25	37	33	35	44	54	62	64	61	59	52	43	41	41	40	33	32
27-3-9	22	31	29	31	42	46	53	53	52	50	44	32	31	34	31	23	22
27-4-9	13	18	19	19	26	30	35	29	30	28	23	7	9	18	14	7	6
27-6-9	27	47	45	41	56	61	64	63	62	59	53	45	43	47	44	36	40
27-9-9	12	16	17	17	21	26	30	30	26	24	20	6	15	15	15	7	9
28-2-10	30	50	51	45	54	63	67	66	62	62	58	45	47	55	56	47	46
28-5-10	26	39	37	38	50	55	62	62	59	58	54	42	42	45	41	34	33
28-7-10	24	36	33	36	46	52	59	58	54	52	47	36	36	39	36	27	28
28-8-10	20	25	23	23	33	40	44	40	39	36	30	20	21	24	20	14	14
29-2-10	25	45	40	40	55	63	66	64	60	59	58	43	43	46	43	46	37
29-4-10	22	34	30	32	44	53	56	55	54	51	46	36	35	39	35	29	29
30-2-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-4-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-7-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-9-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-11-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

資料 6.3　従水路の平衡時水位



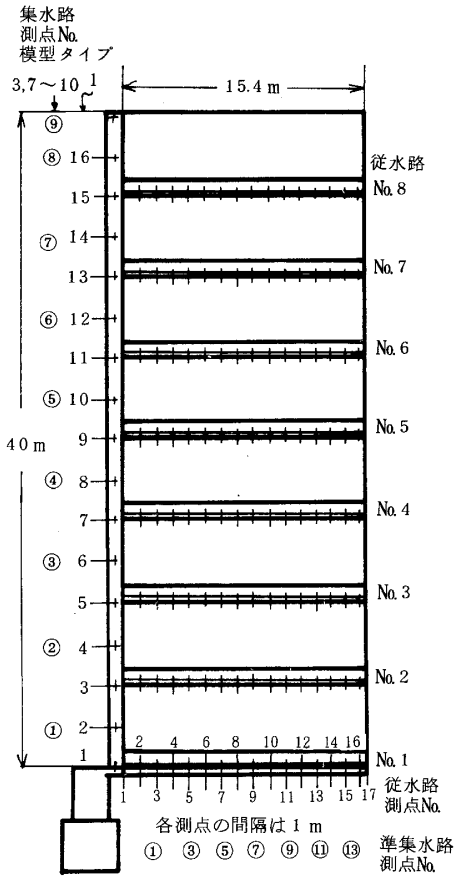
従水路平衡時水位（mm）　水路No.4

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1-1-1	0	0	59	0	62	0	65	0	62	0	59	0	59	0	60	0	0
1-2-1	0	0	59	0	60	0	60	0	56	0	56	0	53	0	52	0	0
1-3-1	0	0	57	0	60	0	59	0	56	0	56	0	56	0	55	0	0
1-4-1	0	0	50	0	55	0	57	0	52	0	55	0	52	0	52	0	0
2-1-1	0	0	43	0	48	0	50	0	48	0	47	0	48	0	47	0	0
2-2-1	0	0	35	0	41	0	41	0	38	0	38	0	40	0	37	0	0
2-3-1	0	0	22	0	26	0	28	0	23	0	23	0	23	0	23	0	0
2-4-1	0	0	57	0	60	0	60	0	56	0	57	0	60	0	60	0	0
3-5-1	0	0	57	0	60	0	60	0	56	0	58	0	58	0	58	0	0
4-2-1	0	0	57	0	60	0	60	0	55	0	54	0	55	0	55	0	0
8-1-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-2-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-3-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-7-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-5-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-3-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-5-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-6-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-2-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-3-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-6-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-8-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-9-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-2-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-2-9	43	62	64	67	68	63	63	62	62	59	60	56	60	55	54	53	52
26-5-9	32	48	55	57	59	57	54	53	51	51	51	50	48	39	40	40	36
26-7-9	22	32	33	39	40	36	33	33	33	32	31	29	28	20	18	16	13
26-8-9	10	19	22	26	26	20	19	17	18	16	16	13	12	6	7	6	4
27-2-9	28	46	53	55	56	54	52	52	53	53	53	51	51	45	42	40	36
27-3-9	23	39	43	47	47	44	44	41	44	40	41	40	40	31	30	27	23
27-4-9	15	26	30	33	34	30	28	26	27	25	26	23	22	14	14	12	8
27-6-9	34	55	60	60	64	60	57	59	59	58	57	55	55	47	46	45	43
27-9-9	16	24	28	30	30	25	23	22	23	21	22	20	20	13	11	10	8
28-2-10	38	58	62	64	64	60	59	60	60	59	60	59	60	54	53	53	47
28-5-10	34	52	58	60	60	57	55	55	55	54	55	53	52	46	44	42	38
28-7-10	26	43	47	51	52	47	46	46	46	44	45	43	41	34	32	30	28
28-8-10	18	30	35	37	37	33	32	31	31	30	30	28	27	20	19	17	14
29-2-10	35	55	60	62	63	60	59	59	60	58	58	55	55	48	45	44	43
29-4-10	31	48	53	57	59	55	53	52	51	50	50	49	47	41	39	39	36
30-2-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-4-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-7-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-9-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-11-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

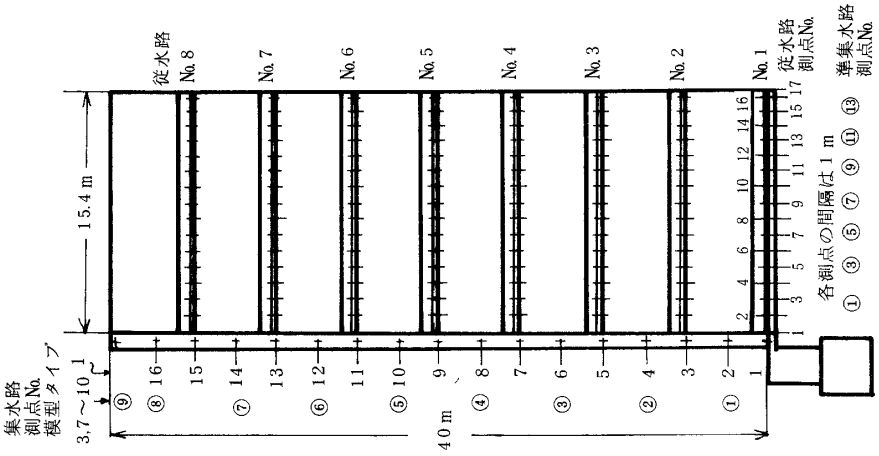
資料 6.4　従水路の平衡時水位

従水路平衡時水位（mm）　水路No.5

	No.1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1- 1- 1	0	0	58	0	58	0	60	0	58	0	53	0	55	0	55	0	0
1- 2- 1	0	0	65	0	66	0	65	0	63	0	62	0	62	0	63	0	0
1- 3- 1	0	0	60	0	64	0	63	0	63	0	60	0	58	0	59	0	0
1- 4- 1	0	0	54	0	57	0	59	0	57	0	55	0	57	0	57	0	0
2- 1- 1	0	0	47	0	50	0	51	0	51	0	50	0	50	0	50	0	0
2- 2- 1	0	0	37	0	40	0	43	0	40	0	38	0	40	0	40	0	0
2- 3- 1	0	0	22	0	23	0	26	0	23	0	23	0	22	0	22	0	0
3- 4- 1	0	0	62	0	63	0	62	0	64	0	62	0	62	0	63	0	0
3- 5- 1	0	0	60	0	61	0	63	0	62	0	60	0	60	0	57	0	0
4- 2- 1	0	0	60	0	60	0	59	0	60	0	64	0	63	0	63	0	0
8- 1- 3	0	0	86	0	88	0	88	0	87	0	85	0	85	0	84	0	76
8- 2- 3	0	0	78	0	83	0	82	0	81	0	80	0	78	0	78	0	73
8- 3- 3	0	0	65	0	68	0	70	0	68	0	68	0	67	0	65	0	60
8- 4- 3	0	0	45	0	50	0	56	0	52	0	50	0	50	0	48	0	45
8- 5- 3	0	0	110	0	110	0	110	0	108	0	105	0	103	0	105	0	100
9- 4- 3	0	0	92	0	95	0	96	0	96	0	92	0	90	0	87	0	81
9- 5- 3	0	0	95	0	94	0	94	0	92	0	89	0	88	0	88	0	82
20- 3- 7	60	74	70	75	90	92	88	93	85	88	90	85	81	81	78	74	70
20- 4- 7	53	64	61	65	78	75	70	73	70	70	71	68	66	65	61	55	51
21- 3- 7	55	70	67	70	83	80	78	78	75	78	77	75	72	72	68	64	60
21- 6- 7	46	60	58	61	73	72	68	69	67	67	67	63	62	62	58	53	50
21- 7- 7	39	55	56	58	70	67	61	64	60	62	60	59	55	56	53	48	44
22- 3- 7	33	43	36	50	63	60	57	57	54	55	55	53	51	50	46	40	38
22- 4- 7	48	66	63	75	80	78	73	78	74	75	74	73	70	70	68	63	60
22- 5- 7	25	34	25	41	53	52	49	50	46	46	46	44	41	40	37	32	28
22- 6- 7	35	49	51	55	66	64	60	62	58	60	59	56	53	53	50	45	42
23- 3- 8	45	64	60	64	78	75	72	73	71	73	72	71	70	69	66	62	58
23- 5- 8	23	38	29	46	61	58	53	56	54	53	53	51	50	49	46	41	36
23- 6- 8	18	25	18	30	40	38	33	36	29	32	31	30	27	26	22	18	14
24- 2- 8	37	58	56	59	70	68	63	65	60	60	60	59	58	58	55	50	45
24- 3- 8	25	30	25	39	50	50	46	48	43	44	45	42	40	39	35	30	26
24- 6- 8	41	60	60	62	72	69	65	67	60	64	63	61	59	60	58	54	49
24- 8- 8	34	46	46	53	65	60	55	56	55	53	56	53	50	52	48	44	40
24- 9- 8	26	36	28	43	59	58	50	55	49	50	51	49	46	45	42	37	33
25- 2- 8	33	56	53	56	68	65	59	63	58	60	60	58	56	55	52	48	44
26- 2- 9	35	52	53	58	68	65	60	61	56	57	58	56	55	54	51	49	44
26- 5- 9	25	38	30	45	60	57	51	54	49	51	52	50	49	49	45	40	36
26- 7- 9	18	26	19	30	40	39	35	35	31	32	33	30	29	28	20	20	17
26- 8- 9	15	19	15	22	30	29	24	26	20	21	21	20	17	17	13	9	5
27- 2- 9	28	40	30	47	61	59	54	55	52	54	54	52	50	50	47	42	39
27- 3- 9	25	33	26	42	53	53	50	51	46	47	47	44	42	41	37	34	30
27- 4- 9	19	25	19	30	40	38	34	35	30	31	32	30	28	28	23	20	15
27- 6- 9	30	45	42	52	65	63	56	59	56	58	57	56	53	54	51	45	42
27- 9- 9	15	20	17	28	38	33	30	32	27	28	27	25	23	23	19	15	11
28- 2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28- 5-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28- 7-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28- 8-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29- 2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29- 4-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 2-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 4-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 7-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 9-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-11-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



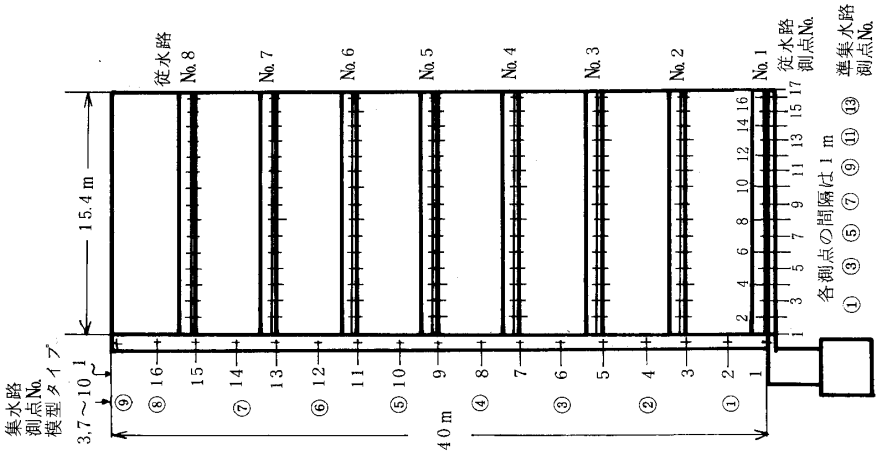
資料6.5　従水路の平衡時水位



従水路平衡時水位（mm）　水路No. 6

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1-1-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-2-1	0	0	66	66	66	0	65	0	63	0	61	0	56	0	55	0	0
1-3-1	0	0	65	65	65	0	64	0	64	0	65	0	59	0	57	0	0
1-4-1	0	0	61	61	61	0	61	0	60	0	58	0	51	0	55	0	0
2-1-1	0	0	50	50	57	0	55	0	55	0	55	0	53	0	51	0	0
2-2-1	0	0	40	40	45	0	50	0	46	0	48	0	50	0	50	0	0
2-3-1	0	0	20	20	22	0	22	0	20	0	20	0	41	0	41	0	0
3-4-1	0	0	65	65	66	0	65	0	60	0	60	0	16	0	12	0	0
3-5-1	0	0	63	63	65	0	62	0	60	0	60	0	59	0	58	0	0
4-2-1	0	0	68	68	67	0	67	0	64	0	63	0	58	0	53	0	0
8-1-3	0	0	0	0	0	0	0	0	0	0	0	0	59	0	58	0	0
8-2-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-3-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-7-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-5-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-3-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-5-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-6-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-2-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-3-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-6-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-8-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-9-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-2-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-2-9	31	48	63	60	57	65	61	59	53	55	54	50	50	50	48	40	38
26-5-9	26	44	48	51	48	53	49	49	46	44	42	40	32	31	29	22	19
26-7-9	16	30	33	32	31	36	30	28	23	11	20	17	9	9	6	6	4
26-8-9	9	18	22	21	15	11	14	12	5	12	10	9	5	6	4	4	4
27-2-9	26	44	53	54	54	54	54	52	48	49	47	43	38	36	32	32	24
27-3-9	25	40	45	45	42	48	43	41	37	36	34	30	23	21	19	13	10
27-4-9	14	24	28	29	25	30	23	21	17	18	14	13	6	6	5	4	4
27-6-9	31	52	59	58	58	57	57	56	52	52	50	47	41	39	37	32	29
27-9-9	12	22	28	24	22	25	20	18	15	15	13	10	5	6	5	5	4
28-2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-5-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-7-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-8-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-4-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-2-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-4-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-7-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-9-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-11-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

資料 6.6　従水路の平衡時水位



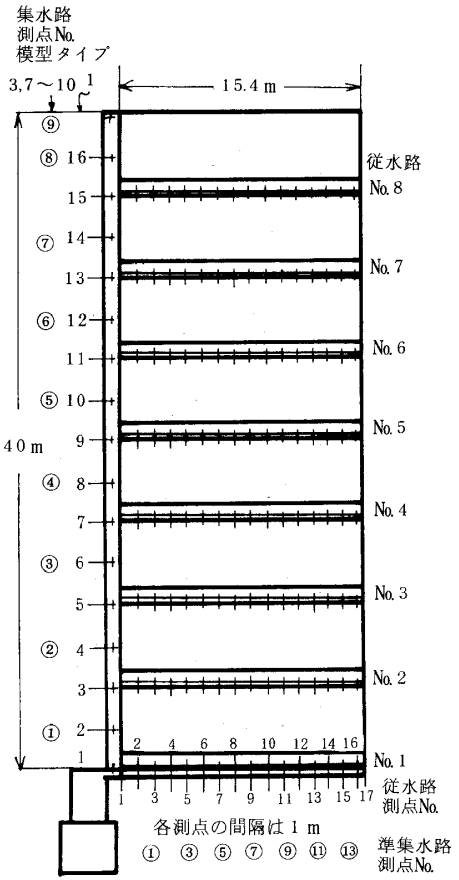
従水路平衡時水位（mm）　水路No. 7

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1-1-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-2-1	0	0	65	0	63	0	68	0	66	0	65	0	67	0	61	0	0
1-3-1	0	0	65	0	62	0	67	0	65	0	64	0	65	0	60	0	0
1-4-1	0	0	55	0	55	0	60	0	58	0	59	0	59	0	50	0	0
2-1-1	0	0	47	0	49	0	57	0	55	0	57	0	57	0	49	0	0
2-2-1	0	0	37	0	40	0	46	0	45	0	45	0	44	0	40	0	0
2-3-1	0	0	23	0	21	0	28	0	26	0	25	0	25	0	18	0	0
2-4-1	0	0	63	0	63	0	67	0	64	0	63	0	62	0	57	0	0
3-5-1	0	0	61	0	60	0	65	0	64	0	63	0	64	0	57	0	0
4-2-1	0	0	62	0	60	0	65	0	63	0	64	0	64	0	58	0	0
8-1-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-2-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-3-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-4-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-5-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-7-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-3-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-4-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-5-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-6-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-3-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-5-8	47	81	83	75	70	74	78	85	83	82	78	78	71	69	64	59	49
23-6-8	22	55	60	50	50	56	61	68	67	63	60	58	52	50	42	38	34
24-2-8	14	15	27	18	16	27	28	32	33	28	25	23	16	14	8	5	4
24-3-8	36	70	71	66	60	63	67	75	70	68	66	62	58	50	48	45	35
24-6-8	16	37	38	30	26	40	42	49	48	44	41	39	35	30	26	21	12
24-6-8	40	75	76	70	65	66	69	76	75	72	69	66	62	59	53	49	46
24-8-8	36	70	70	63	58	59	63	72	69	67	68	61	55	54	47	42	33
24-9-8	19	39	45	50	48	43	35	34	34	30	31	28	24	21	18	19	20
25-2-8	36	68	70	64	57	61	64	72	70	66	64	62	56	54	48	42	34
25-2-9	36	69	70	64	59	64	64	70	69	65	63	64	57	54	53	51	38
26-5-9	25	47	53	48	45	51	54	64	62	58	56	54	49	47	39	36	28
26-7-9	18	37	38	31	23	38	38	57	44	42	39	37	31	29	23	19	8
26-8-9	8	15	18	11	10	18	20	25	21	17	13	11	5	6	4	4	4
27-2-9	26	56	60	57	53	59	60	68	65	62	69	57	52	49	43	38	28
27-3-9	27	47	51	45	40	50	50	60	58	55	52	50	45	43	37	32	23
27-4-9	19	35	36	25	22	38	38	44	42	37	33	31	26	24	18	13	4
27-6-9	39	70	69	61	57	63	65	70	67	64	60	57	54	52	47	41	32
27-9-9	15	28	28	18	16	29	30	36	34	30	27	25	19	17	11	6	4
28-2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-5-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-7-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-8-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-4-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-2-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-4-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-7-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-9-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-11-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

資料 6.7　従水路の平衡時水位

従水路平衡時水位（mm）　水路No.8

No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1- 1- 1	0	0	65	0	64	0	64	0	67	0	65	0	66	0	60	0	0
1- 2- 1	0	0	68	0	66	0	66	0	67	0	65	0	66	0	61	0	0
1- 3- 1	0	0	65	0	64	0	65	0	67	0	65	0	65	0	60	0	0
1- 4- 1	0	0	55	0	59	0	60	0	61	0	60	0	60	0	55	0	0
2- 1- 1	0	0	47	0	51	0	55	0	58	0	56	0	56	0	51	0	0
2- 2- 1	0	0	40	0	46	0	47	0	48	0	46	0	44	0	38	0	0
2- 3- 1	0	0	22	0	25	0	26	0	26	0	24	0	25	0	19	0	0
3- 4- 1	0	0	64	0	64	0	65	0	65	0	64	0	66	0	60	0	0
3- 5- 1	0	0	64	0	65	0	64	0	65	0	63	0	65	0	60	0	0
4- 2- 1	0	0	66	0	65	0	64	0	65	0	64	0	66	0	60	0	0
8- 1- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 2- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 3- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 4- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 5- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 4- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 5- 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20- 3- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20- 4- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 3- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 6- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 7- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 3- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 4- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 5- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22- 6- 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23- 3- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23- 5- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23- 6- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 2- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 3- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 6- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 8- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24- 9- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25- 2- 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26- 2- 9	35	57	57	57	55	63	60	60	54	55	50	49	52	53	53	49	48
26- 5- 9	22	37	36	38	34	43	45	42	37	35	30	29	29	28	25	20	14
26- 7- 9	12	27	25	24	21	29	28	24	19	18	11	13	16	17	14	9	5
26- 8- 9	8	13	10	8	9	14	12	7	6	5	7	7	7	6	5	4	3
27- 2- 9	24	41	42	42	40	48	49	47	41	40	34	35	36	34	32	30	24
27- 3- 9	25	35	35	35	32	39	40	37	32	31	26	25	25	24	20	16	12
27- 4- 9	16	20	20	18	16	22	22	18	13	13	8	9	9	9	7	4	2
27- 6- 9	34	51	55	50	50	58	59	58	51	50	44	44	42	41	39	35	32
27- 9- 9	12	20	18	15	16	19	18	15	10	10	9	10	12	11	8	5	3
28- 2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28- 5-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28- 7-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28- 8-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29- 2-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29- 4-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 2-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 4-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 7-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30- 9-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-11-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



資料 6.8　従水路の平衡時水位

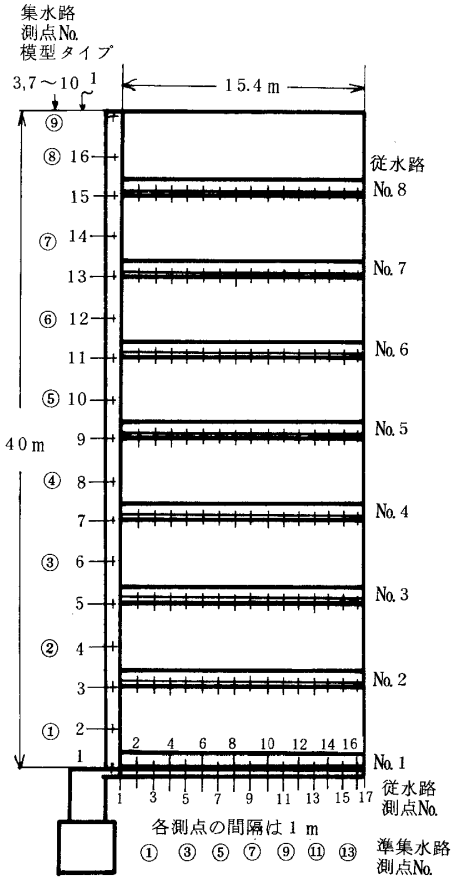
集水路平衡時水位（mm）

	No. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1- 1- 1	135	130	130	130	133	135	138	138	138	138	138	138	128	125	122	120
1- 2- 1	140	145	145	140	150	145	145	150	145	140	140	140	125	122	120	120
1- 3- 1	135	135	135	135	135	140	140	138	130	135	130	130	118	110	110	110
1- 4- 1	100	105	100	105	108	110	110	105	105	105	100	95	85	85	85	85
2- 1- 1	70	70	65	75	80	80	80	80	80	80	80	80	72	68	68	65
2- 2- 1	55	55	55	55	65	65	65	65	60	60	60	60	50	50	50	45
2- 3- 1	30	30	30	30	35	35	35	35	30	30	30	30	20	20	20	20
2- 6- 1	100	105	100	105	108	110	110	110	105	105	100	95	85	85	85	85
3- 4- 1	115	115	125	120	135	135	135	135	135	135	135	135	122	120	122	122
3- 5- 1	110	110	115	115	125	122	125	125	130	130	130	130	110	110	110	110
4- 2- 1	120	120	124	125	130	132	138	128	134	135	140	136	124	125	126	128
8- 1- 3	123	120	122	115	117	116	120	117	116	0	0	0	0	0	0	0
8- 2- 3	100	99	96	91	96	94	97	93	94	0	0	0	0	0	0	0
8- 3- 3	67	66	62	56	59	59	61	60	58	0	0	0	0	0	0	0
8- 4- 3	36	35	35	27	33	32	31	31	31	0	0	0	0	0	0	0
8- 5- 3	100	99	96	91	96	94	97	93	94	0	0	0	0	0	0	0
9- 4- 3	142	146	146	134	138	139	141	140	134	0	0	0	0	0	0	0
20- 3- 7	152	126	116	97	101	88	60	49	0	0	0	0	0	0	0	0
20- 4- 7	97	72	65	46	60	45	18	7	0	0	0	0	0	0	0	0
21- 3- 7	123	98	94	73	80	65	42	30	0	0	0	0	0	0	0	0
21- 6- 7	85	54	51	38	49	35	11	5	0	0	0	0	0	0	0	0
21- 7- 7	68	44	42	35	39	22	5	5	0	0	0	0	0	0	0	0
22- 3- 7	50	25	32	26	28	11	5	5	0	0	0	0	0	0	0	0
22- 4- 7	115	87	82	61	70	52	28	17	0	0	0	0	0	0	0	0
22- 5- 7	39	16	25	20	14	5	4	5	0	0	0	0	0	0	0	0
22- 6- 7	61	34	38	29	32	17	5	5	0	0	0	0	0	0	0	0
23- 3- 8	145	120	136	118	115	98	81	68	0	0	0	0	0	0	0	0
23- 5- 8	64	31	51	32	40	28	21	10	0	0	0	0	0	0	0	0
23- 6- 8	36	19	30	17	16	12	5	4	0	0	0	0	0	0	0	0
24- 2- 8	106	84	95	73	70	55	44	32	0	0	0	0	0	0	0	0
24- 3- 8	51	22	40	24	25	18	10	5	0	0	0	0	0	0	0	0
24- 6- 8	124	94	106	86	87	70	52	40	0	0	0	0	0	0	0	0
24- 8- 8	79	48	68	50	47	32	30	19	0	0	0	0	0	0	0	0
24- 9- 8	58	32	49	34	30	21	18	6	0	0	0	0	0	0	0	0
25- 2- 8	92	65	80	60	55	40	35	23	0	0	0	0	0	0	0	0
26- 2- 9	130	120	125	118	108	101	82	72	0	0	0	0	0	0	0	0
26- 5- 9	86	67	75	64	56	50	33	30	0	0	0	0	0	0	0	0
26- 7- 9	60	30	50	37	28	26	18	18	0	0	0	0	0	0	0	0
26- 8- 9	8	36	18	29	17	13	11	8	6	0	0	0	0	0	0	0
26- 9- 9	45	25	37	26	19	17	12	11	0	0	0	0	0	0	0	0
27- 2- 9	95	79	87	75	68	60	43	38	0	0	0	0	0	0	0	0
27- 3- 9	79	62	70	57	49	43	30	26	0	0	0	0	0	0	0	0
27- 4- 9	52	27	43	30	24	21	15	13	0	0	0	0	0	0	0	0
27- 6- 9	115	98	105	96	85	78	58	51	0	0	0	0	0	0	0	0
28- 2-10	93	77	78	61	0	0	0	0	0	0	0	0	0	0	0	0
28- 5-10	67	50	51	36	0	0	0	0	0	0	0	0	0	0	0	0
28- 7-10	58	40	40	26	0	0	0	0	0	0	0	0	0	0	0	0
28- 8-10	43	24	28	16	0	0	0	0	0	0	0	0	0	0	0	0
29- 2-10	81	66	63	49	0	0	0	0	0	0	0	0	0	0	0	0
29- 4-10	63	45	43	30	0	0	0	0	0	0	0	0	0	0	0	0

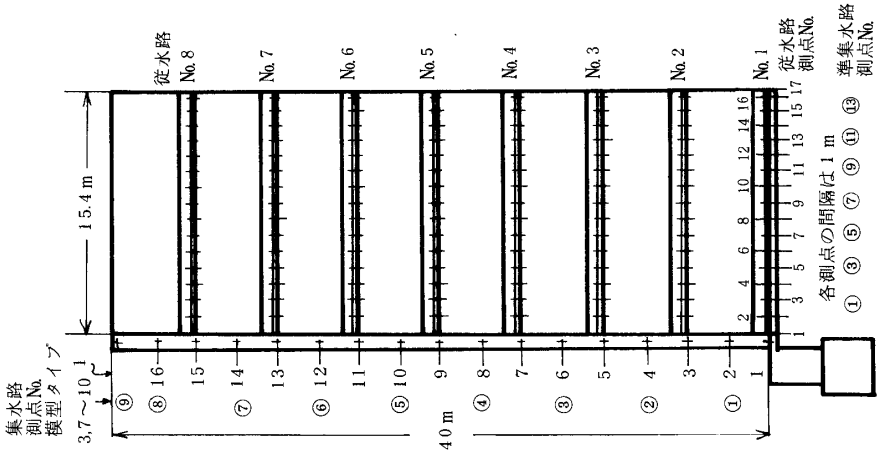
	測点No. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
29 -1-10	30	65	63	63	59	50	55	45	45	40	42	46	38	43	40	30	37	33	30	30	28
24 -6 -8	106	128	120	124	119	110	105	95	94	87	98	107	99	106	103	95	94	88	86	90	89

	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
24 -6 -8	91	92	87	90	80	81	76	70	64	62	58	60	52	47	53	50	41	40	35	19

測点間隔は下流端から1mおき



資料7　集水路の平衡時水位



準集水路平衡時水位（mm）

	No. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
5-1-2	117	125	134	138	138	138	138	138	135	132	133	130	130	130		
5-2-2	20	22	28	29	30	31	31	32	30	27	27	28	25	20		
5-3-2	80	80	87	90	92	93	96	97	93	92	90	90	90	88		
5-4-2	60	60	65	68	70	72	72	77	75	73	70	70	70	68		
5-5-2	56	50	52	61	60	60	60	60	60	57	55	53	55	53		
6-4-2	103	103	112	120	121	121	0	122	120	118	118	117	115	113		
6-6-2	116	120	128	136	138	142	141	140	138	135	138	140	142	130	15	16
17-3-6	73	0	115	114	122	124	130	132	132	125	120	118	114	112	111	98
17-5-6	32	40	48	41	49	49	50	48	48	43	39	39	35	32	28	20
17-6-6	30	40	43	36	42	44	44	40	40	35	30	30	27	25	20	11
17-7-6	25	30	35	30	36	35	36	33	34	29	25	25	20	19	15	7
18-3-6	60	80	93	90	97	98	103	100	100	97	91	91	87	83	79	70
18-6-6	52	61	72	68	75	76	78	75	76	73	68	69	65	63	59	50
18-7-6	40	51	60	54	61	62	64	61	61	58	52	54	50	48	43	35

資料 8　準集水路の平衡時水位

資料 9.1 ～ 9.21　ハイドログラフ

横軸：経過時間（分）

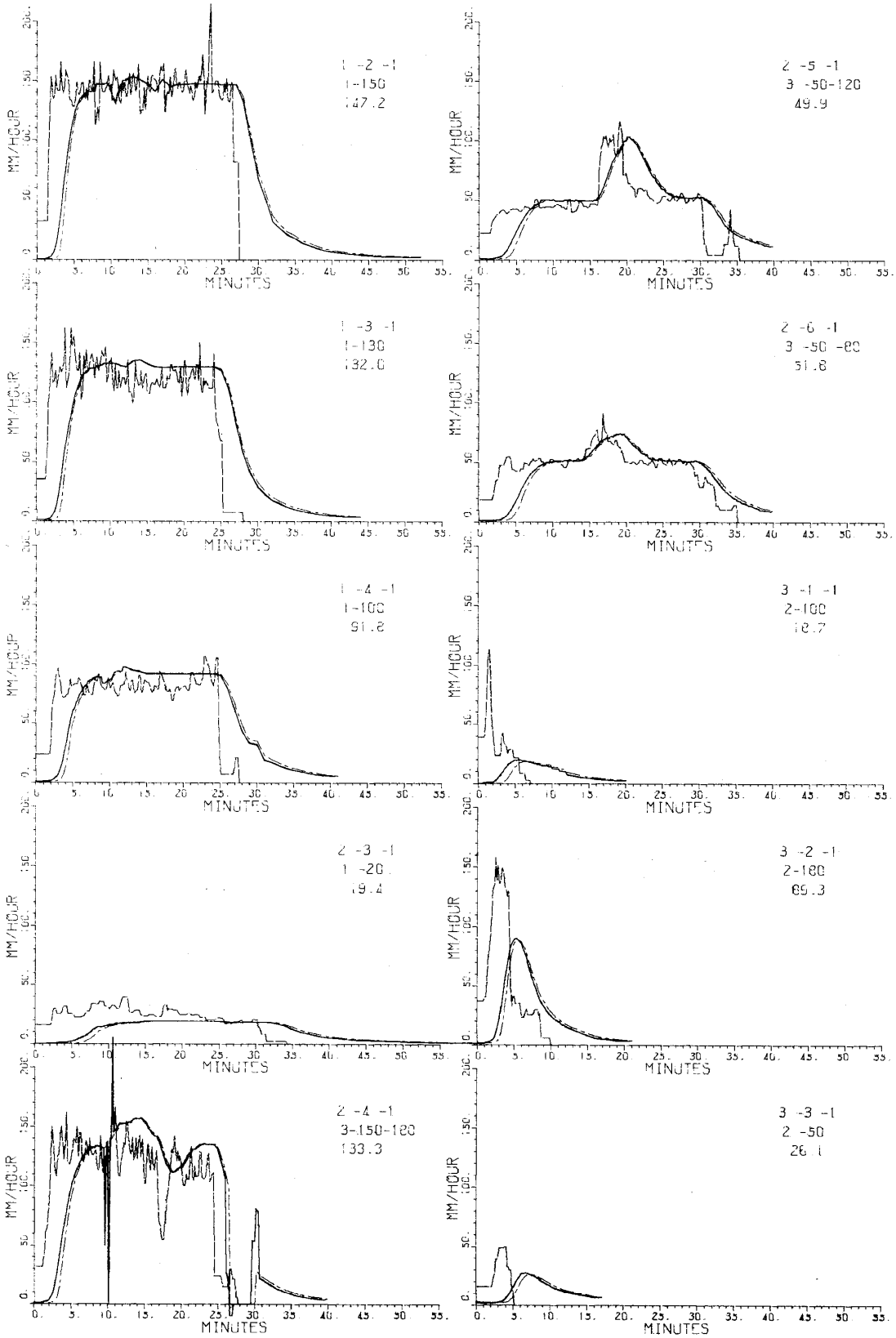
縦軸：流出高と降雨量（mm/h）

右上の１番上の数字列：実験番号

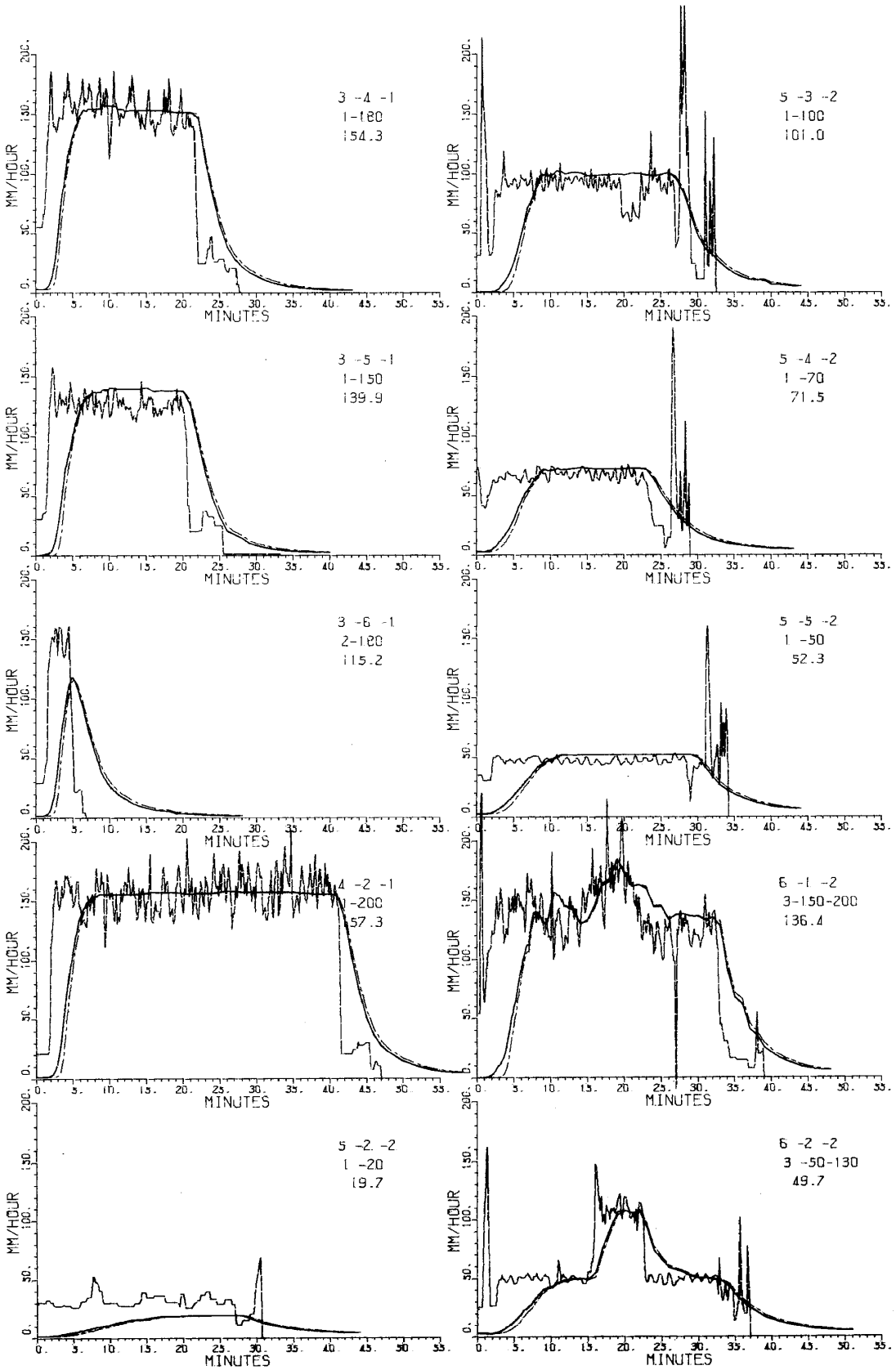
右上の２番目の数字列：降雨入力波形

右上の３番目の数字列：ステップ波の場合は平衡時流出高，パルス波の場合はピーク流出高

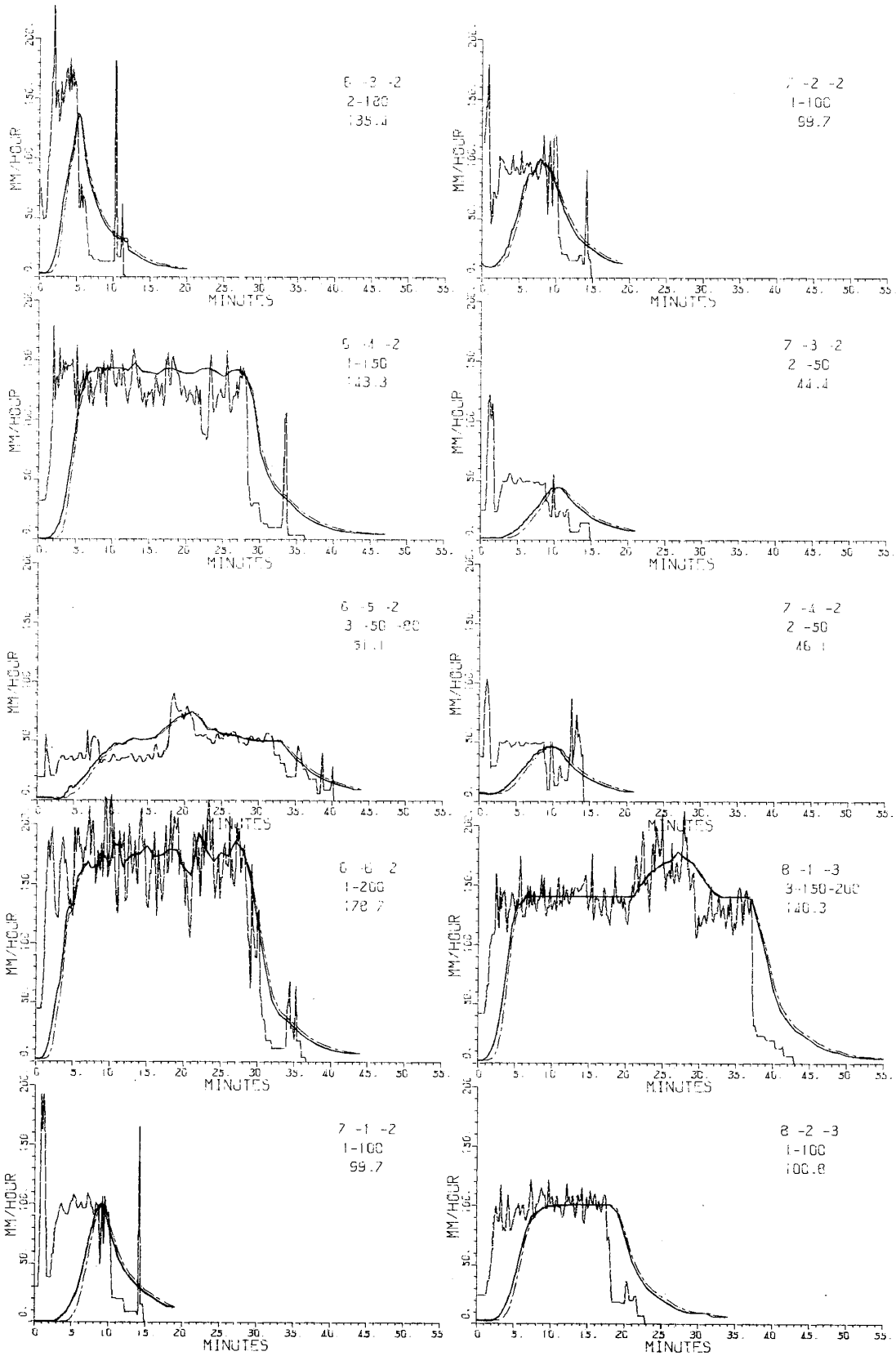
実線はせき整流槽の貯留効果を補正した値．１点鎖線は補正していない値であり，破線は降雨量を示す．



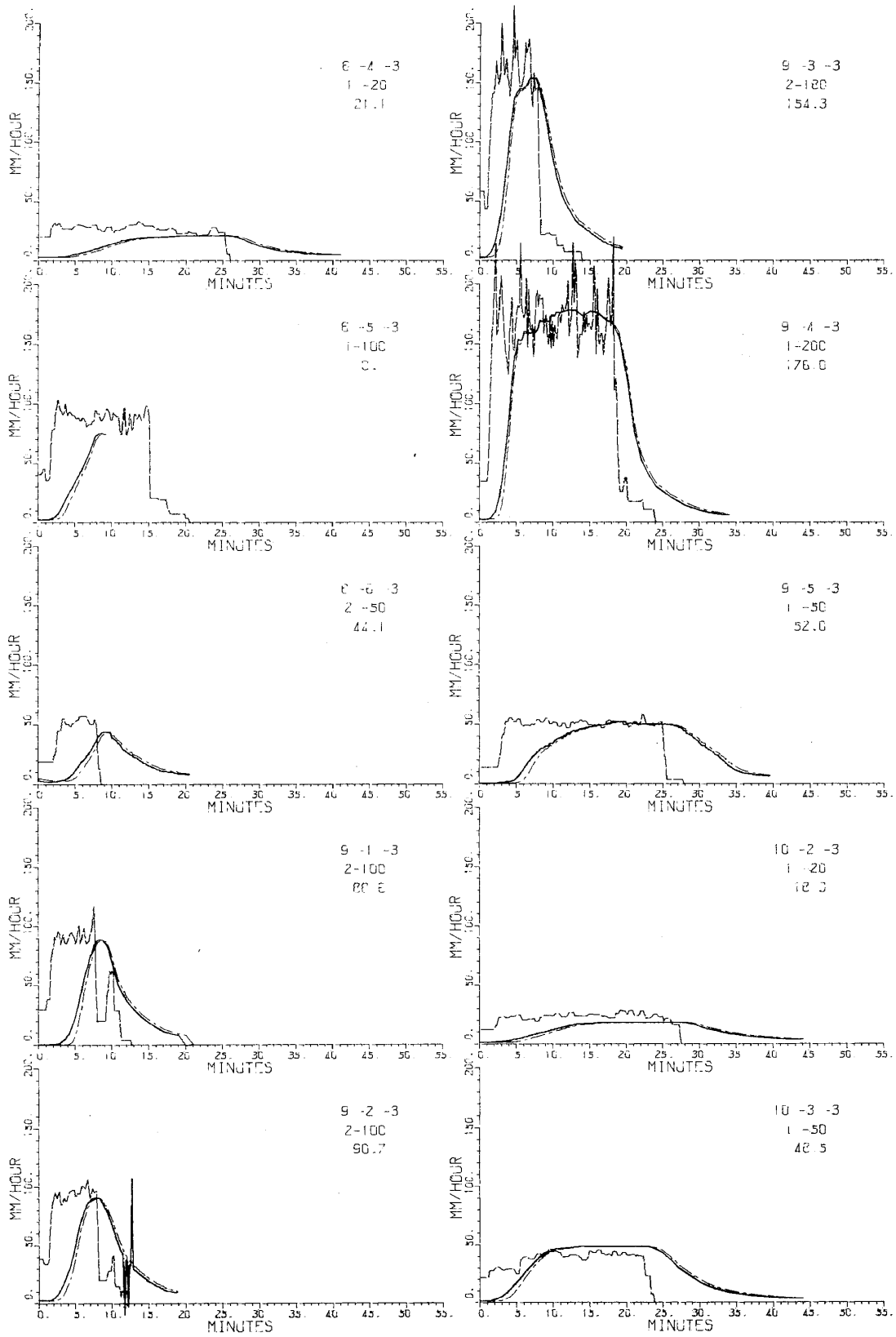
資料 9.1　ハイドログラフ



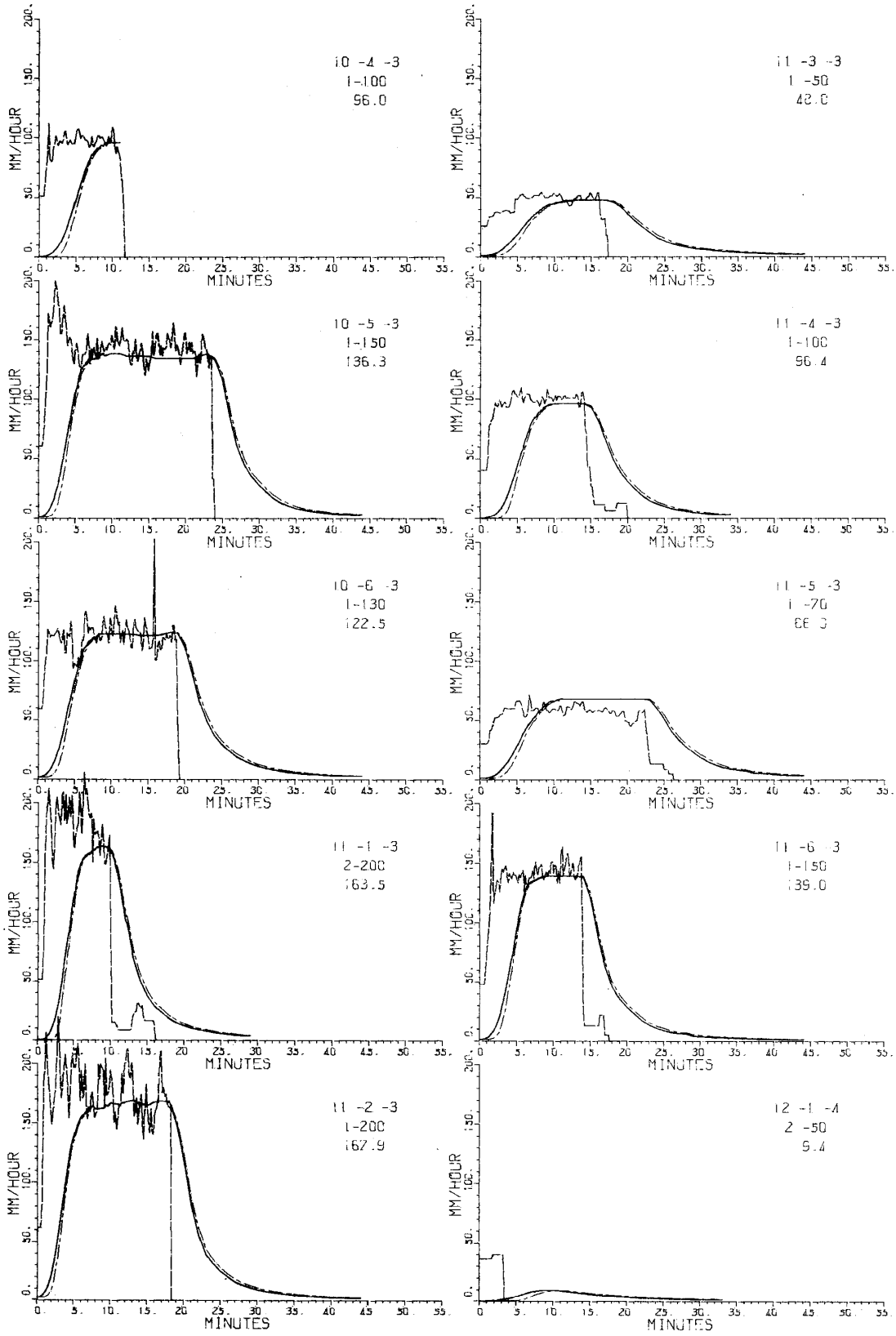
資料9.2　ハイドログラフ



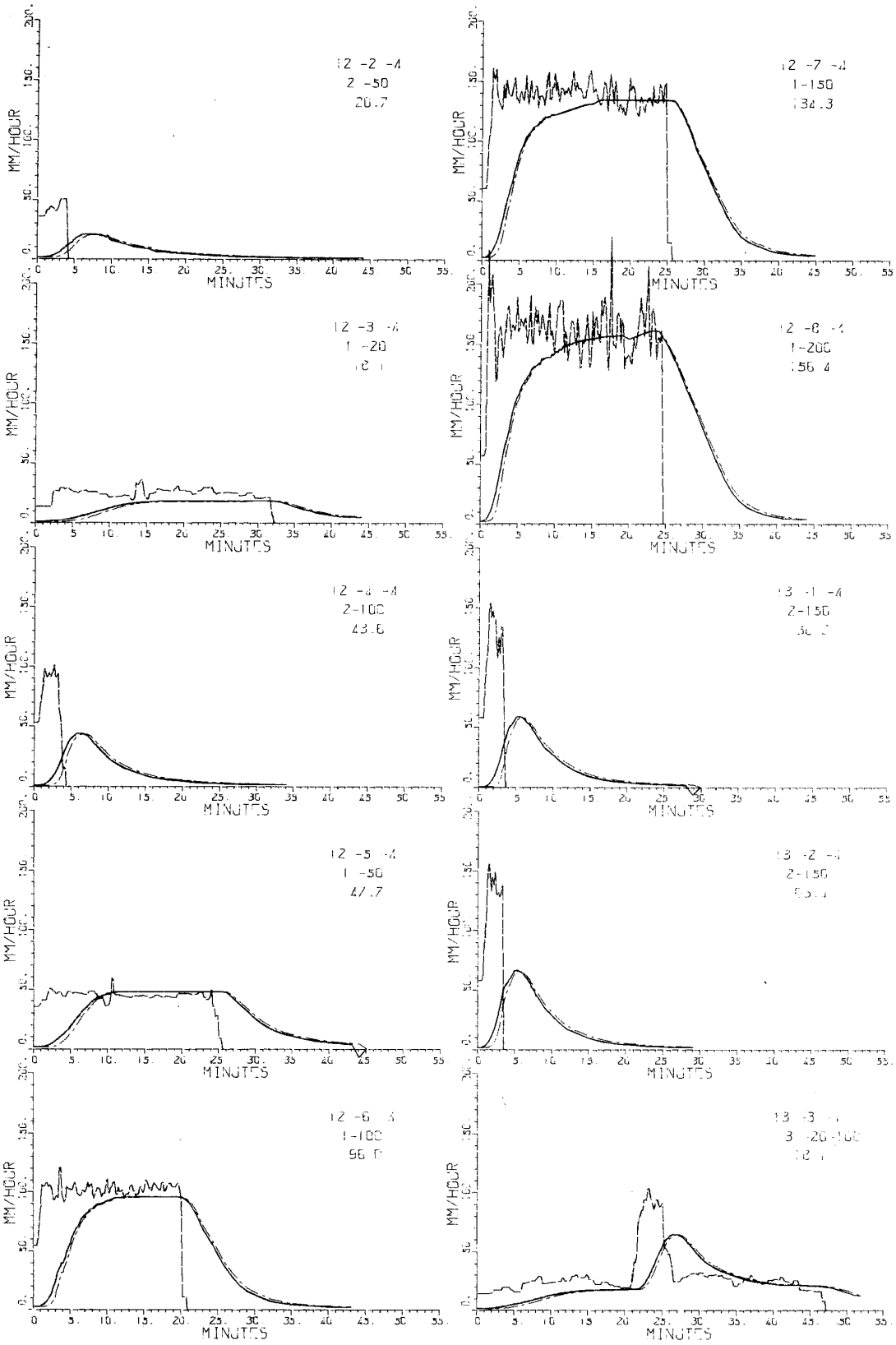
資料 9.3　ハイドログラフ



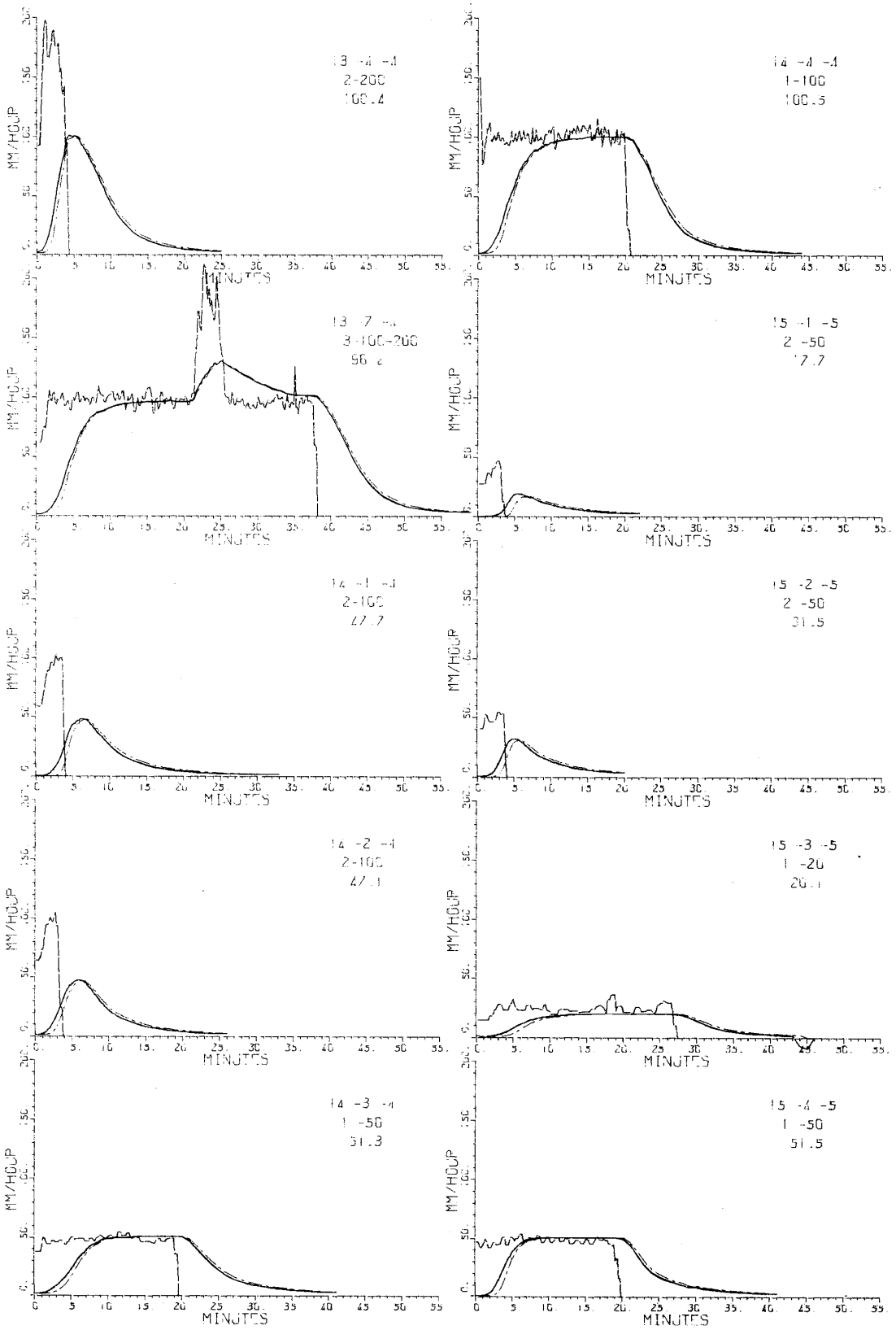
資料 9.4　ハイドログラフ



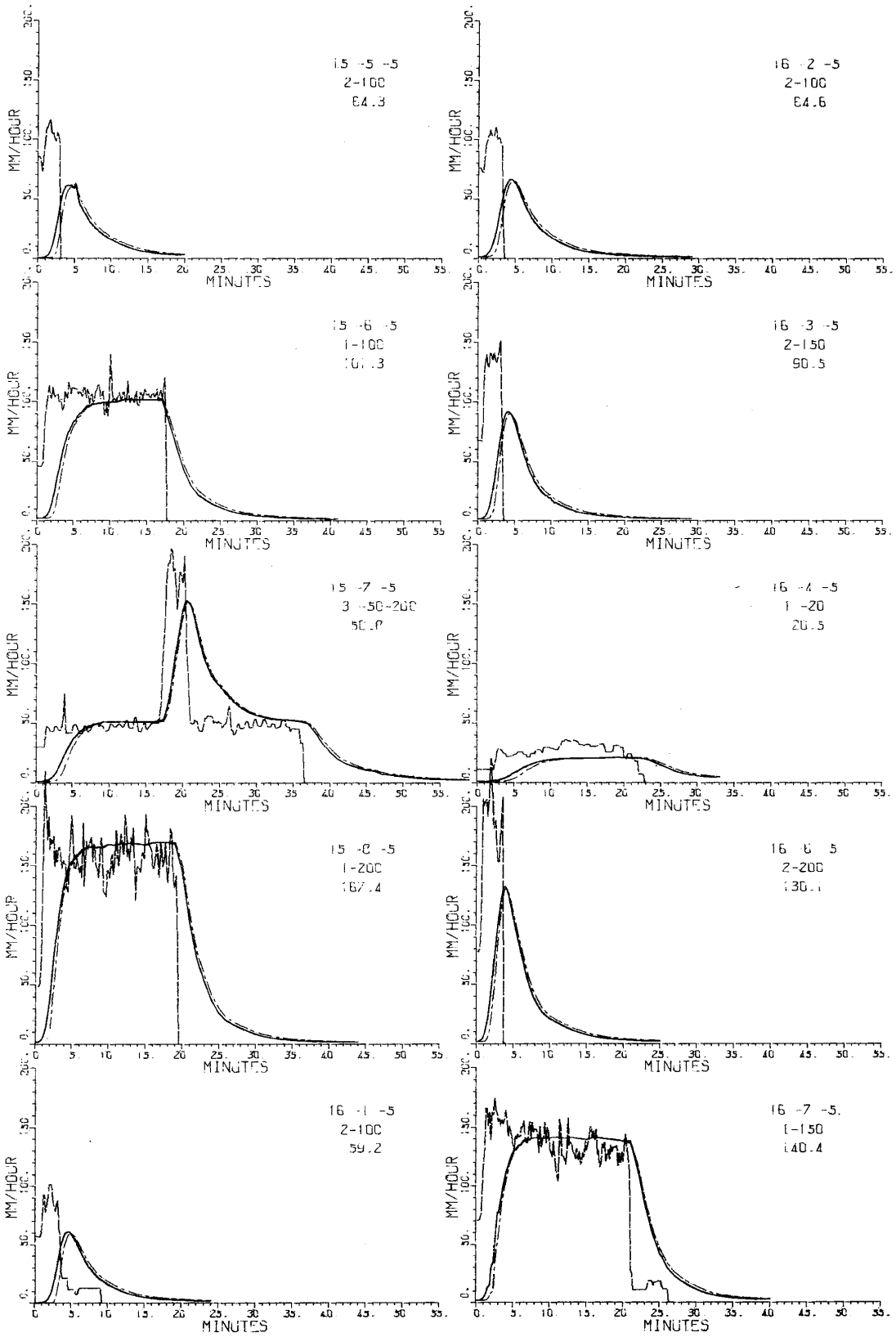
資料 9.5　ハイドログラフ



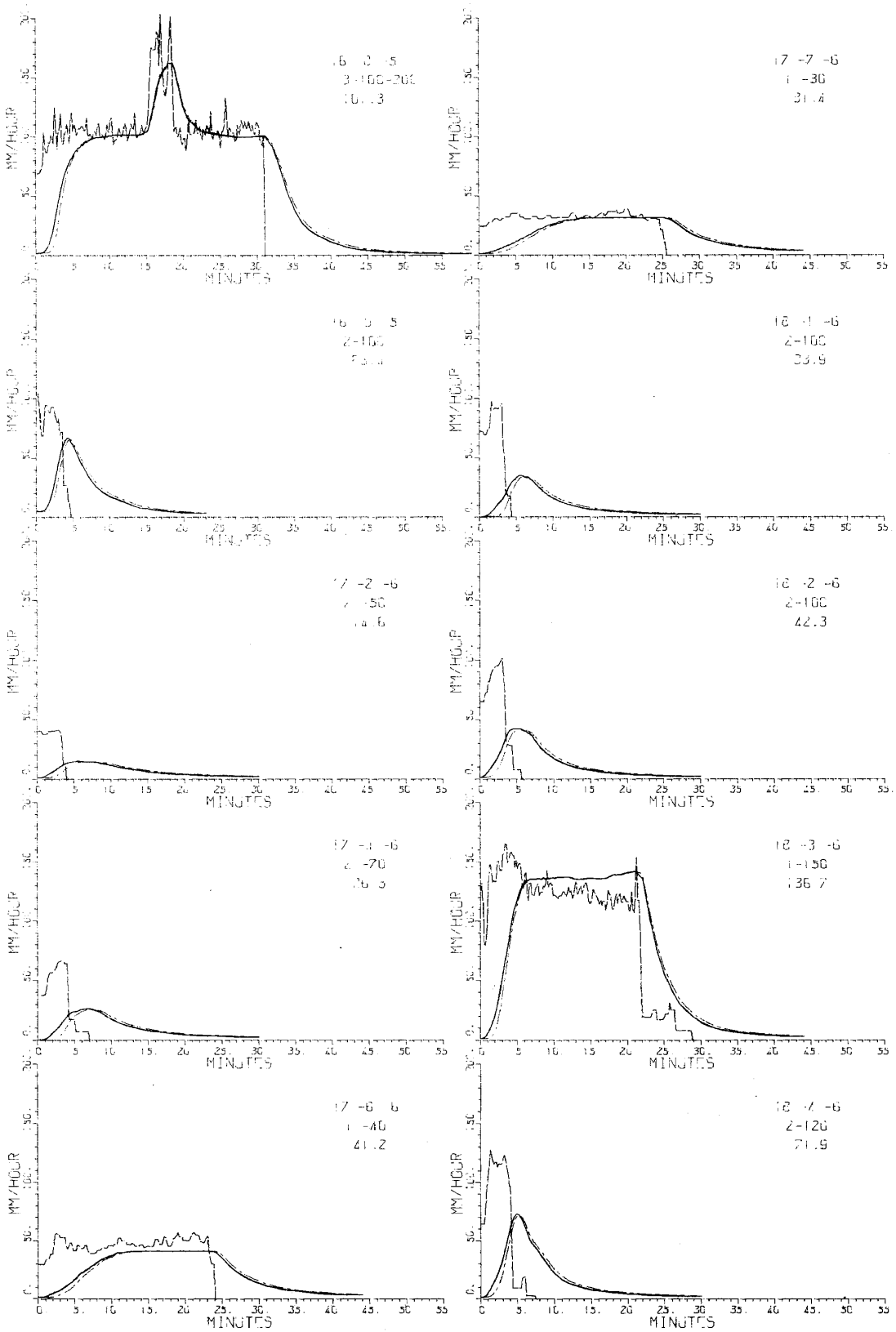
資料 9.6　ハイドログラフ



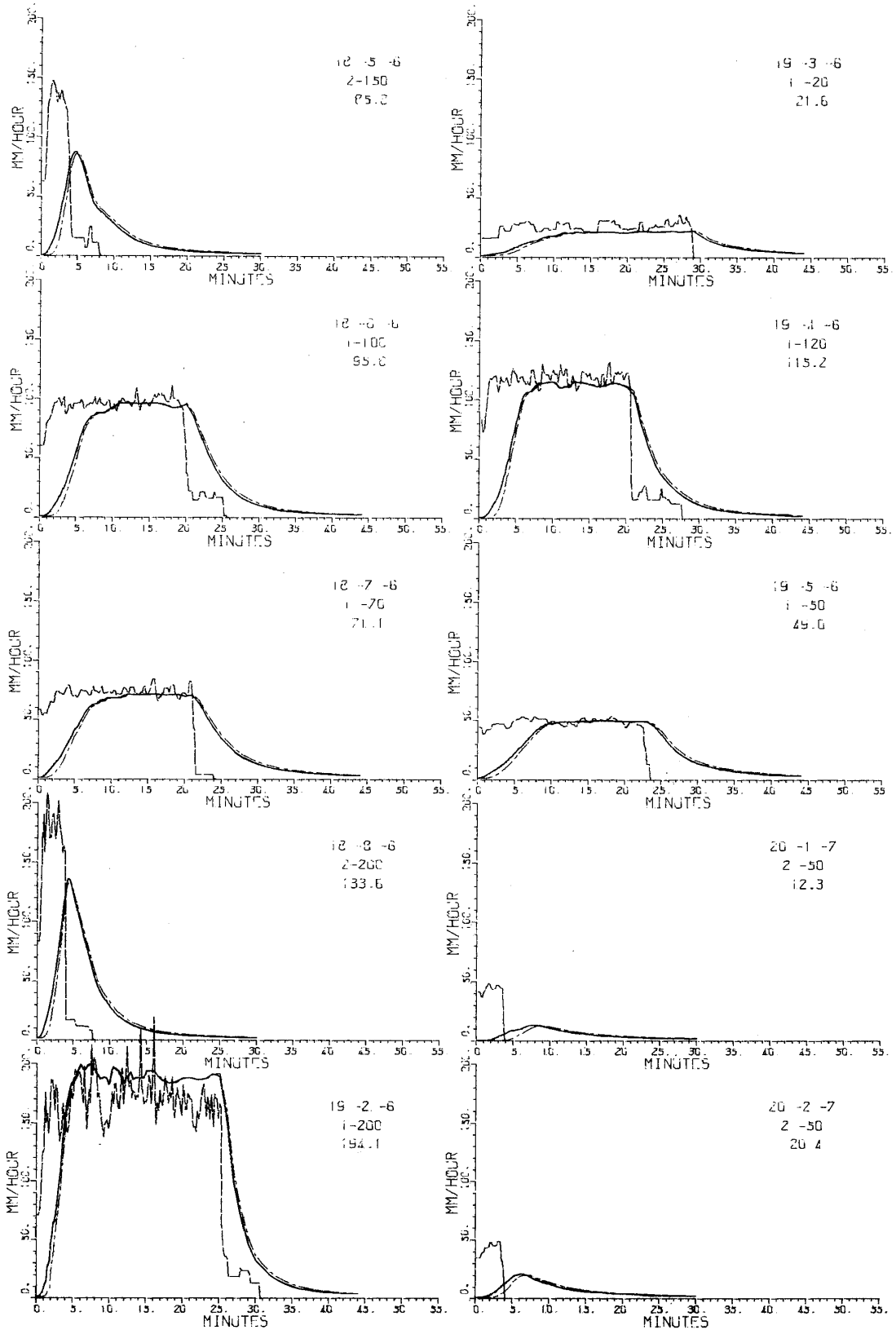
資料 9.7　ハイドログラフ



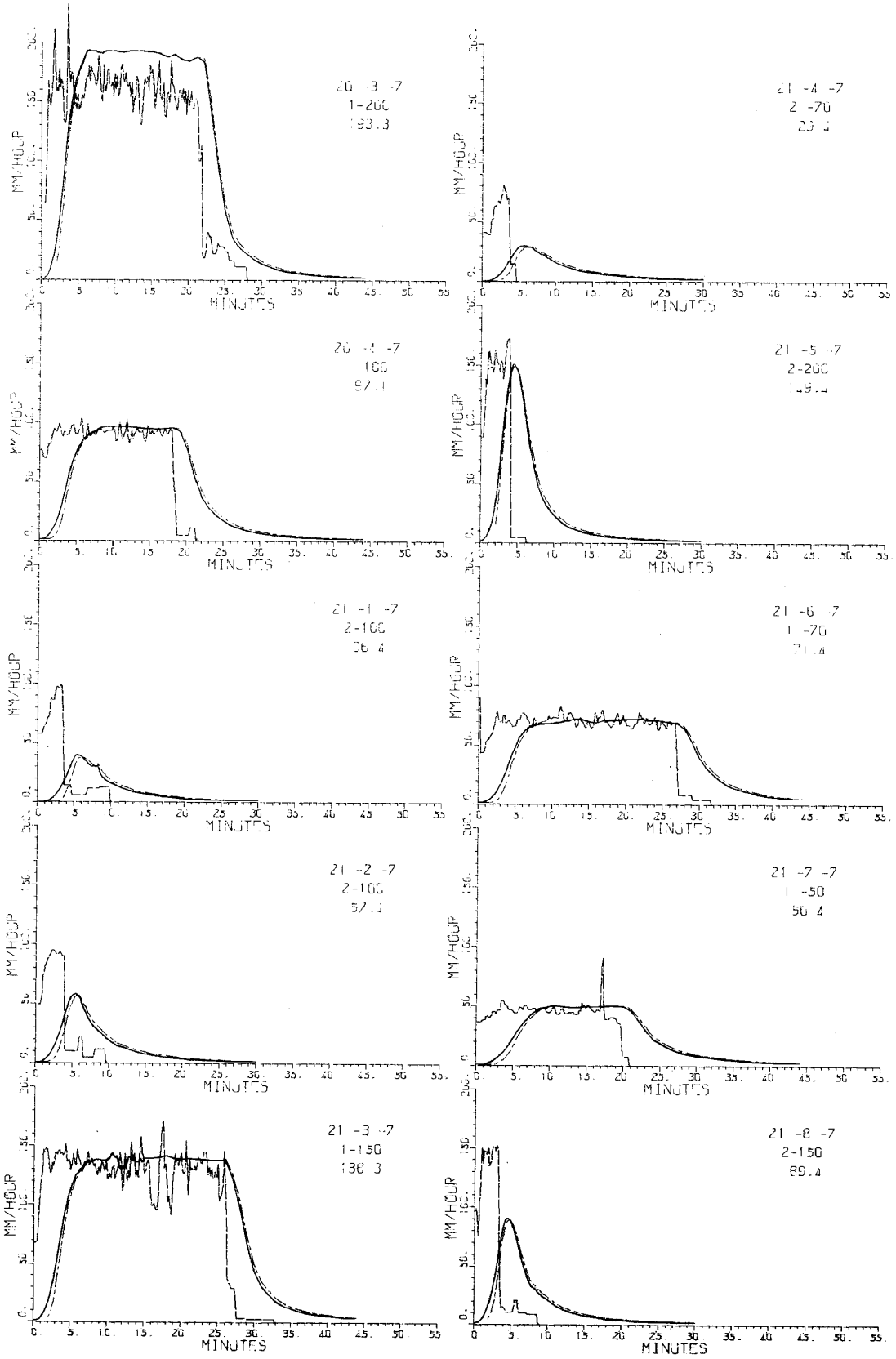
資料 9.8　ハイドログラフ



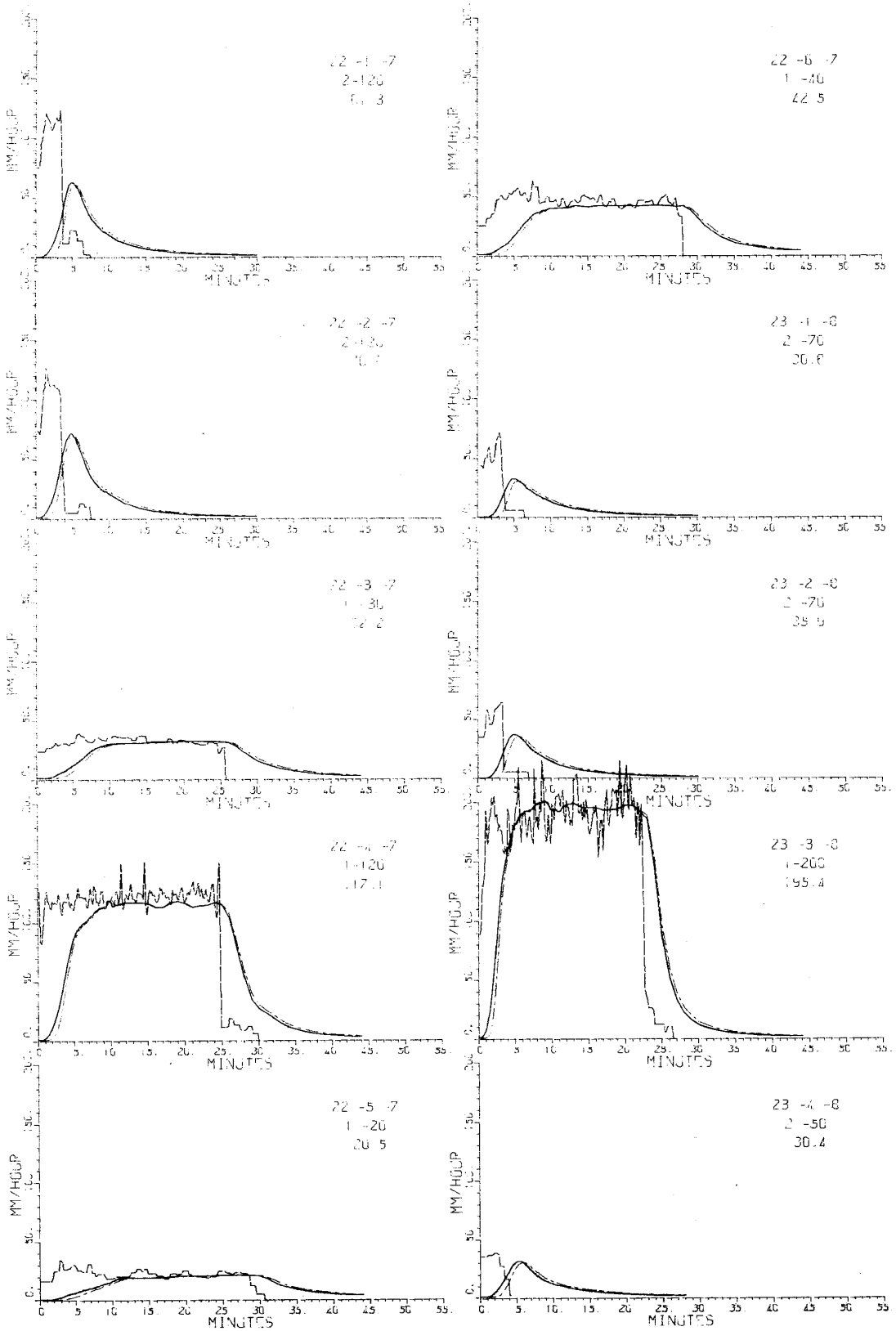
資料 9.9　ハイドログラフ



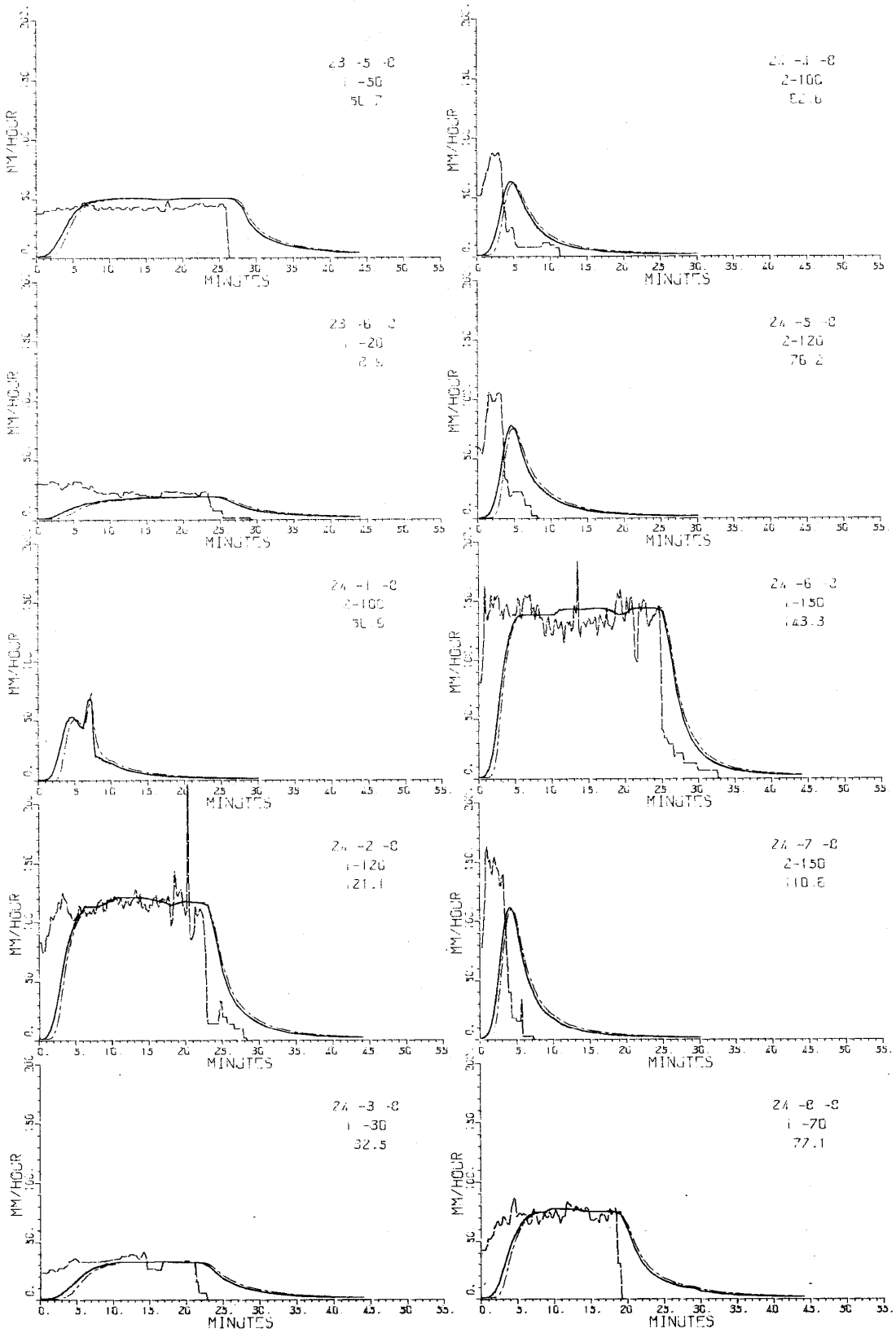
資料 9.10　ハイドログラフ



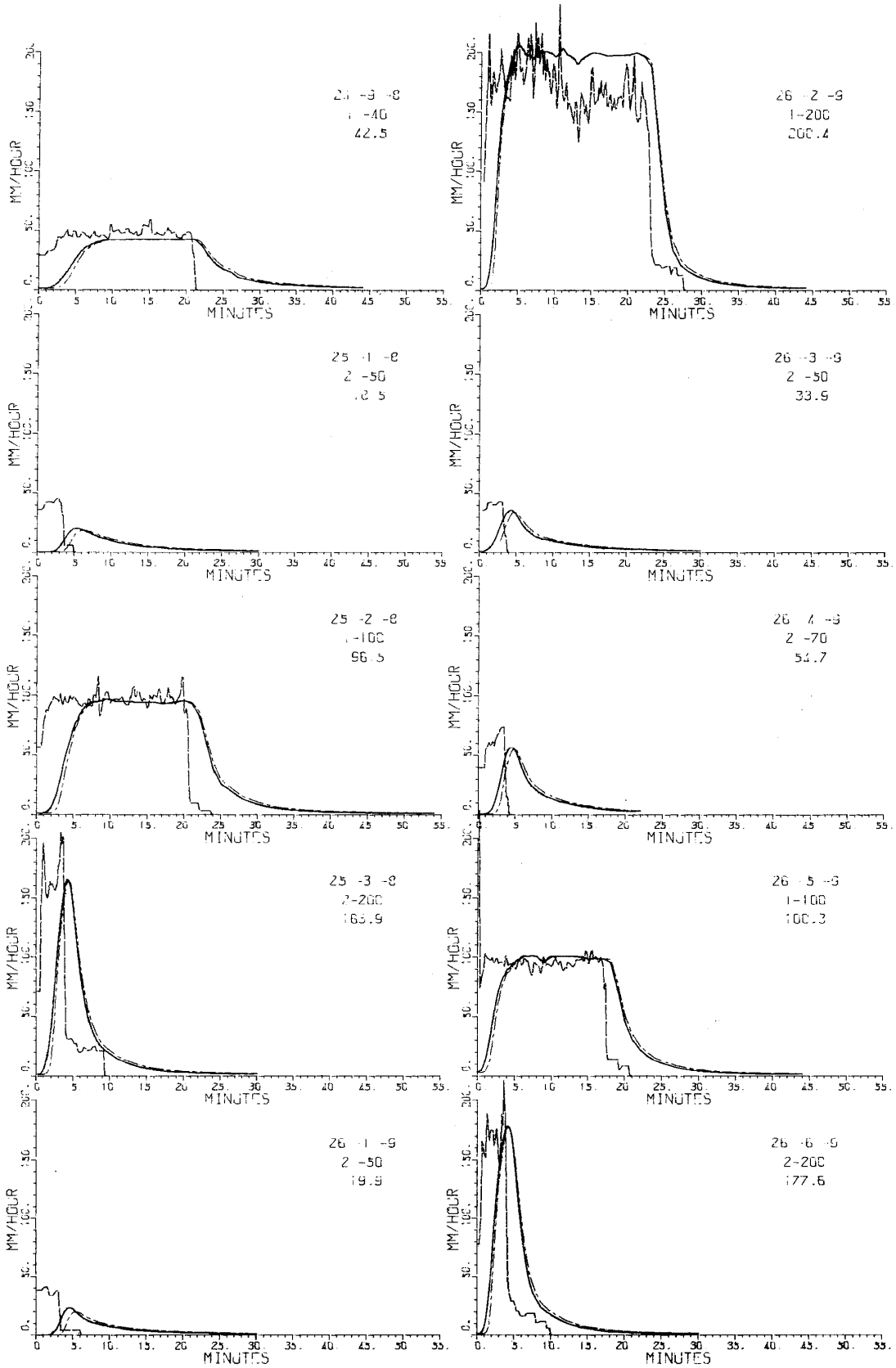
資料 9.11　ハイドログラフ



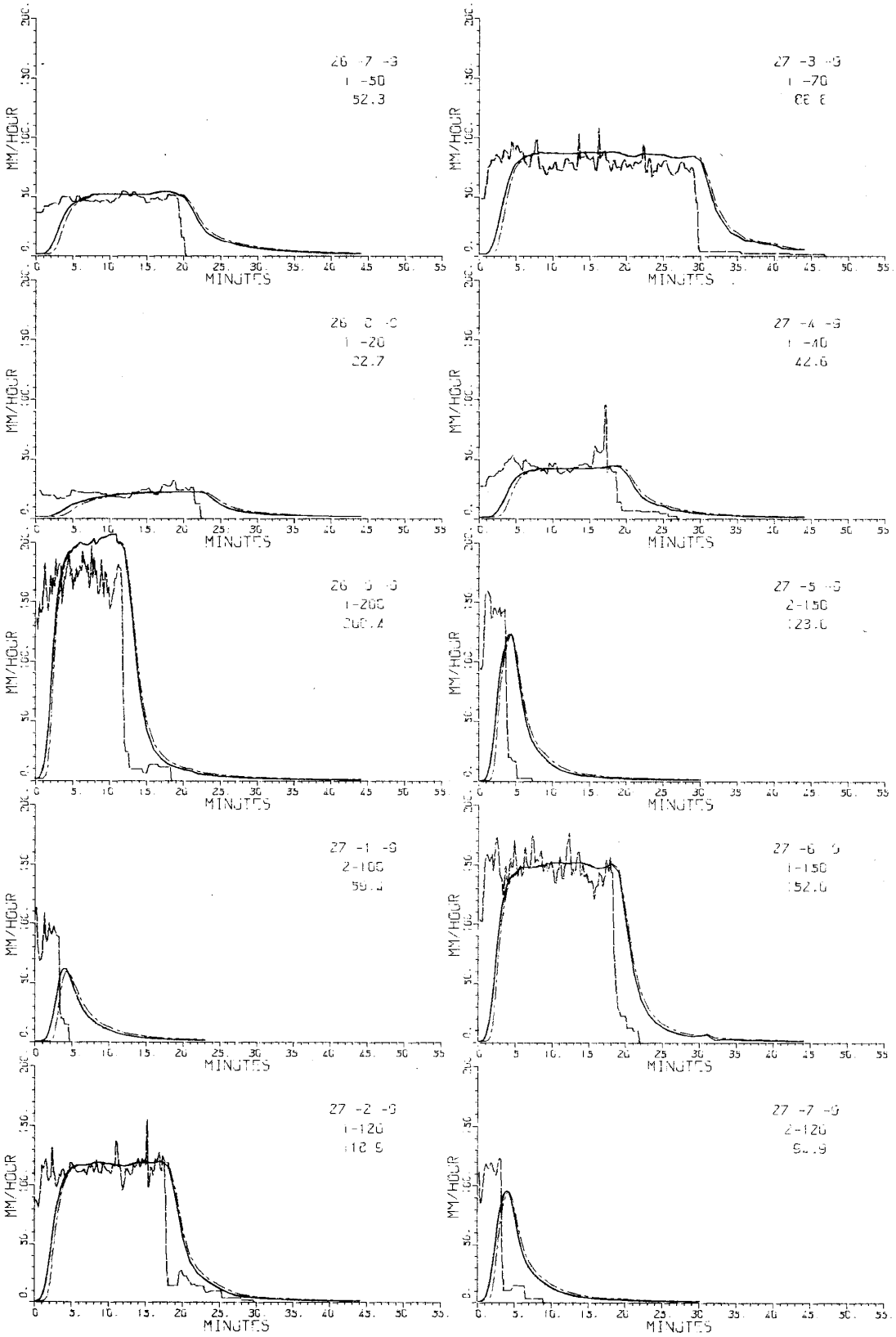
資料 9.12　ハイドログラフ



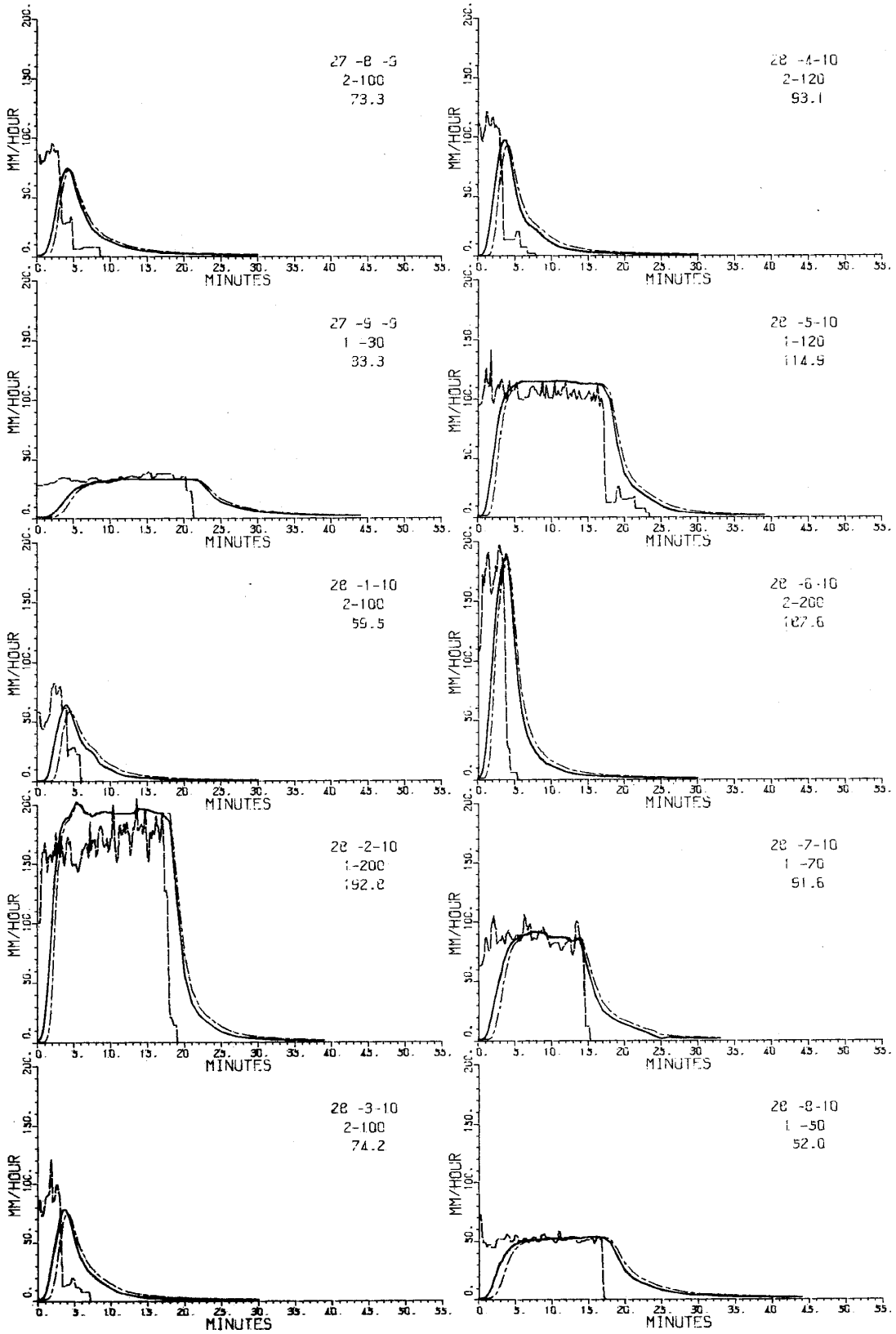
資料 9.13　ハイドログラフ



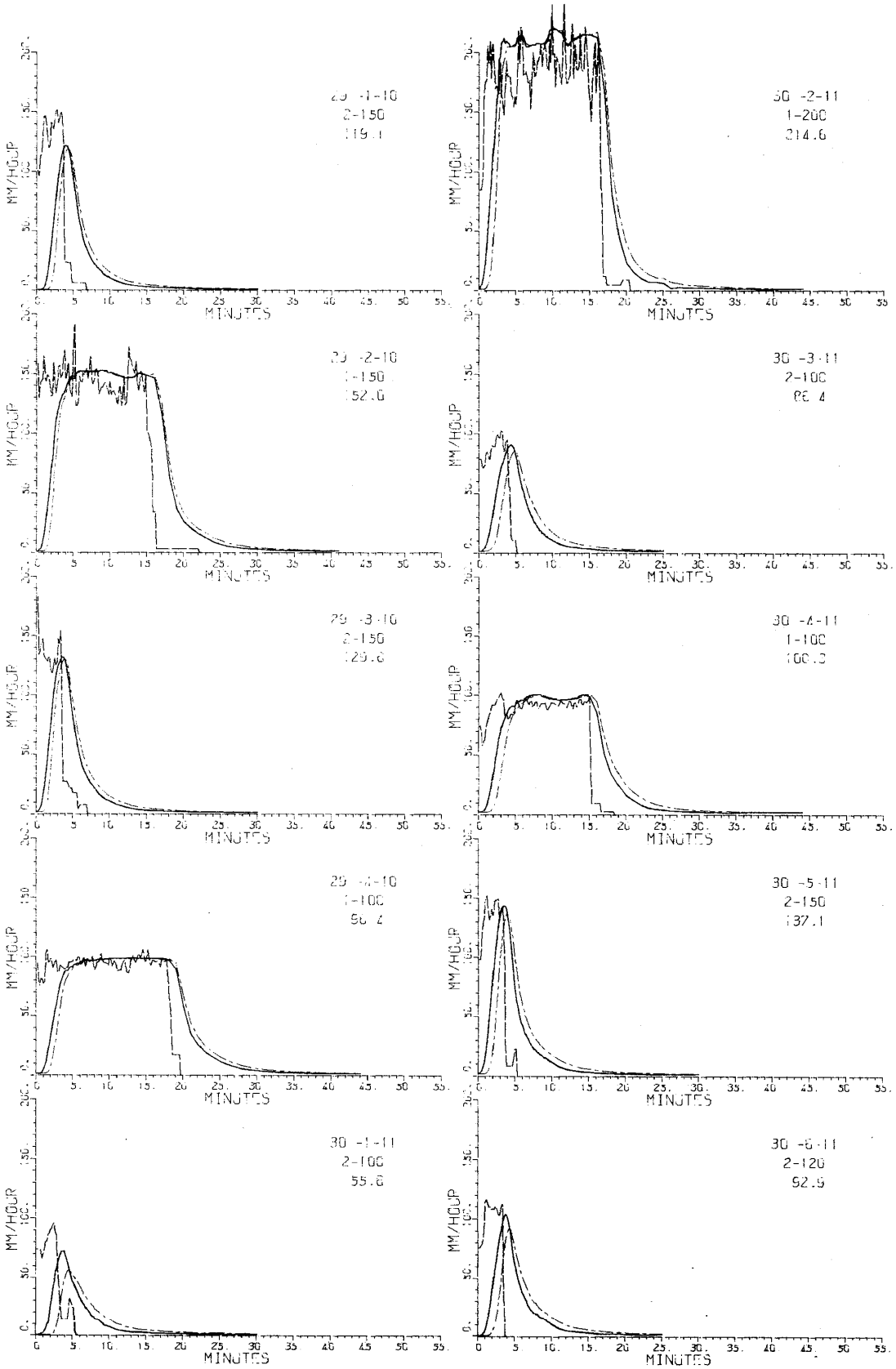
資料 9.14　ハイドログラフ



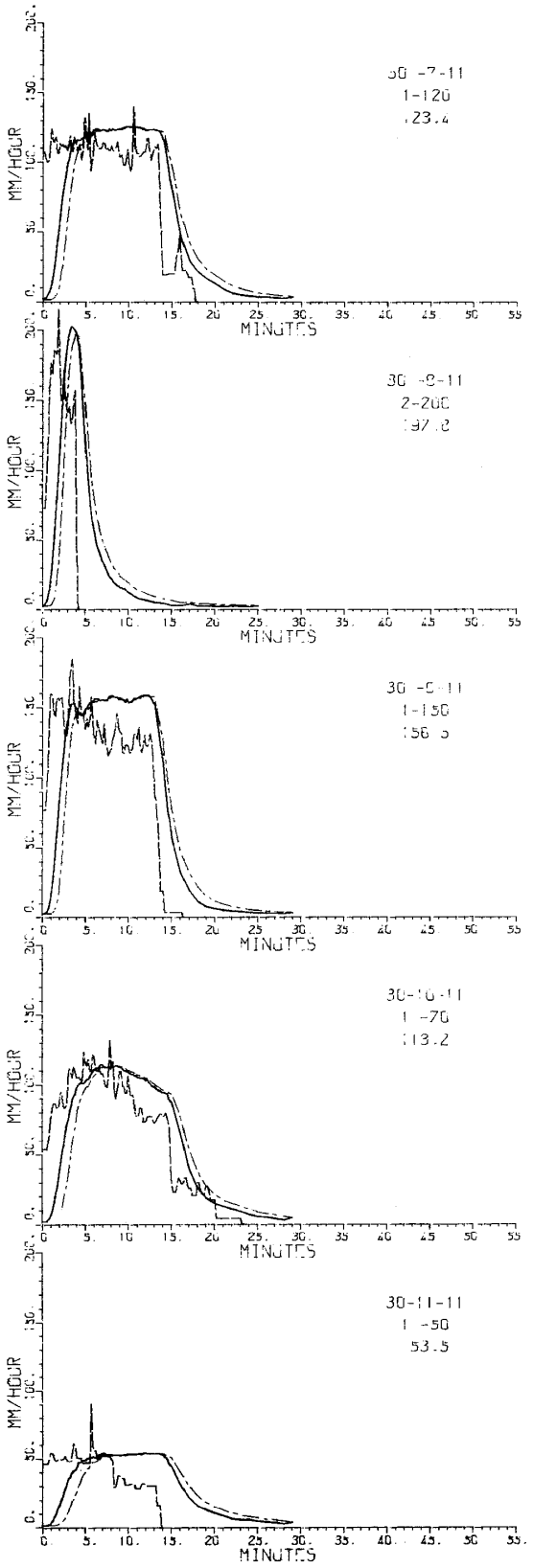
資料 9.15　ハイドログラフ



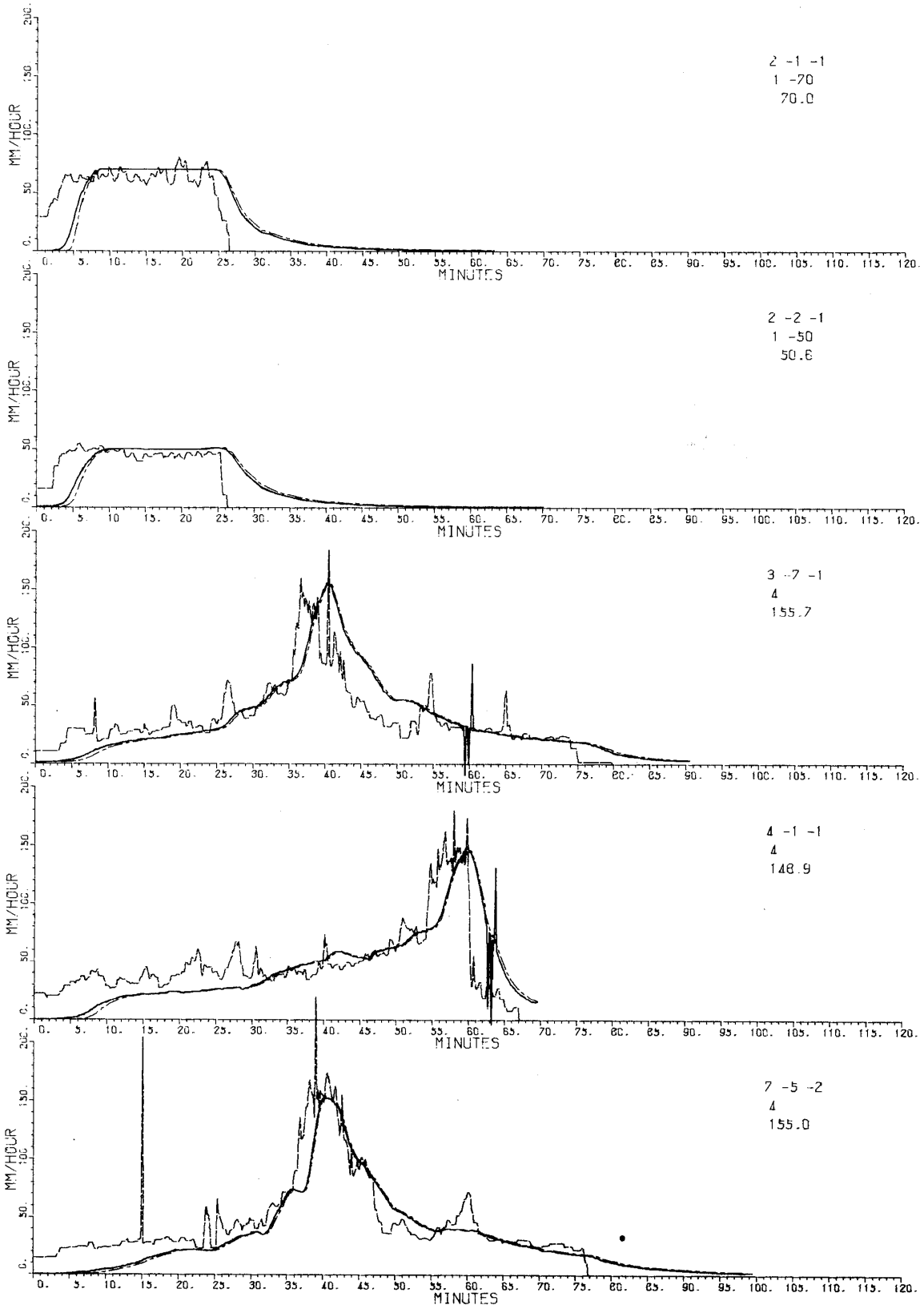
資料 9.16　ハイドログラフ



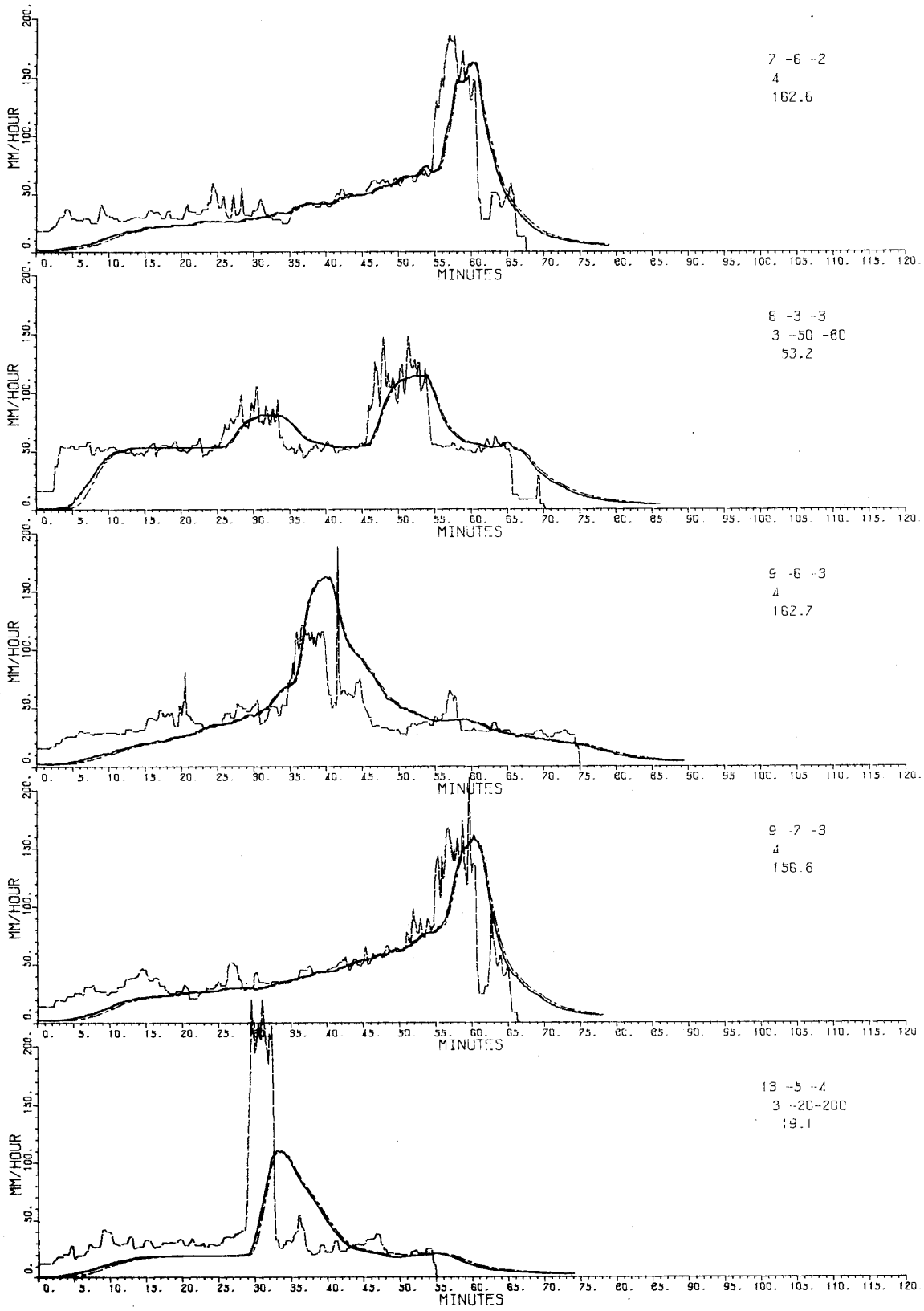
資料 9.17　ハイドログラフ



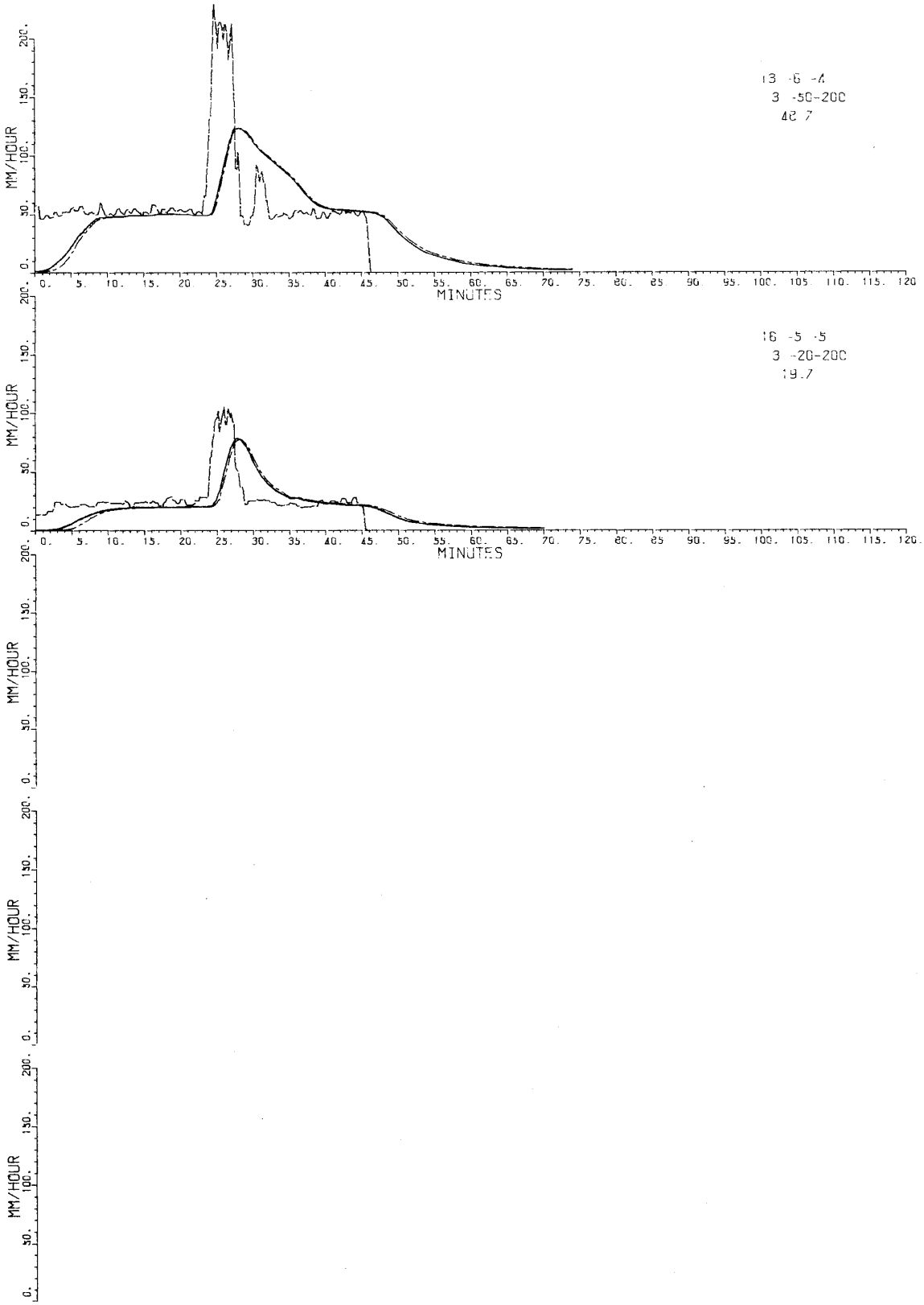
資料9.18　ハイドログラフ



資料 9.19　ハイドログラフ



資料 9.20　ハイドログラフ



資料 9.21　ハイドログラフ