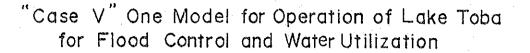
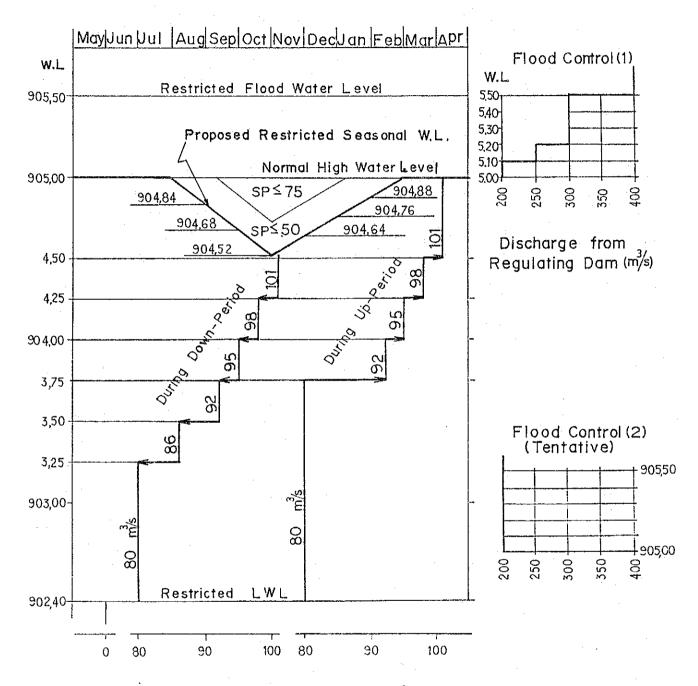
TABLE I - 4

OPERATION OF LAKE TOBA

CASE V





Discharge for Power Generation (m³/sec)

-I.67-

230 ' Operation of Lake Toba	
231 1	
235 IF WL>=5.5 THEN R=101:SP=400~R	
240 IF WLK 5.5 THEN R=101:SF=300-R	
244 IF WL< 5.2 THEN SP=250-R	
245 IF WL< 5.1 THEN SP=200-R	
250 IF WLK 5! THEN	
IF WL>RWL(MT,JN)+.2 THEN SP=75 ELSE	
IF WL>RWL (MT, JN) THEN SP=50 ELSE SP=0	
261 '	
262 IF Q=101 THEN IF WL<4.25 THEN R= 98	ELSE R=101
264 IF Q= 98 THEN IF WL<4 THEN R= 95 ELSE IF WL>4.5 THEN R=101	ELSE R= 98
266 IF Q= 95 THEN IF WL<3.75 THEN R= 92 ELSE IF WL>4.25 THEN R= 98	ELSE R= 95
268 IF Q= 92 THEN IF WL<3.5 THEN R= 86 ELSE IF WL>4 THEN R= 95	ELSE R= 92
270 IF $Q=$ 86 THEN IF WL<3.25 THEN R= 80 ELSE IF WL>3.75 THEN R= 92	ELSE R= 86
274 IF Q= 80 THEN IF WL $\langle 2.4$ THEN R= 0 ELSE IF WL $\rangle 3.75$ THEN R= 92	ELSE R= 80
276 IF Q=0 THEN IF WL>2.4 THEN R= 80	ELSE R= 0
287 RETURN	
297 KETUNN 299 '	
277	

Restricted Lake Water Level

.

	<u>10th</u>	<u>20th</u>	end of <u>month</u>
Jan.	4.80	4.84	4.88
Feb.	4.92	4.96	5.00
Mar.	5.00	5.00	5.00
Apr.	5.00	5.00	5.00
May	5.00	5.00	5.00
June	5.00	5.00	5.00
July	5.00	5.00	5.00
Aug.	4,95	4.90	4.84
Sept.	4.79	4.74	4.68
Oct.	4.63	4.58	4.52
Nov.	4.56	4.60	4.64
Dec.	4.68	4.72	4.76

			a a a		·····
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1915 Dec. 31				904.00	4.76
1916 Jan.			:		
1-10	71.92	95.0		3.98	4.80
11-20 21-31	133.30 109.38			4.01 4.02	4.84
•		9	5.0		
Feb. 1-10	-45.92	95.0		3.91	4.92
11-20	50.12	п.		3.88	4.95
21-29	29.14	"	= ^	3.83	5.00
Mar .		73	5.0		
1-10	71.34	95.0		3.81	5.00
11-20 21-31	137.52 207.67	11		3.85 3.94	5.00 5.00
	207107	9	5.0	2	0100
Apr. 1-10	1.56	95.0		3.87	5.00
11-20	281.88	у С ТО Н		4.02	5.00
21-30	-15.09		- A	3.93	5.00
May		43	5. 0		
1-10	144.10	95.0		3.97	5.00
11-20 21-31	-9.06 186.68			3.89 3.97	5.00 5.00
10 11	100.00	9	5.0		0.00
June 1-10	0/ 45			3.96	5.00
11-10 11-20	86.45 -74.21	95,0		3.83	5.00
21-30	123.51			3.85	5.00
July	<u>.</u>	93	5.Q		
1-10	60.26	95.0		3.82	5.00
11-20 21-31	178,55 19,90	11 27		3.89 3.82	5.00 5.00
2.1 01	17.70	95	5.0	0.01	0.00
Aug.	59 04	95 0		3.79	4.95
1-10 11-20	59.04 -32.26	95.0 "		3.70	4.90
21-31	222.60	92.0		3.81	4.84
Sept.		93	5.9		
1-10	62.75	92.0		3.78	4.79
11-20 21-30	6.98 -136.85	. U 14		3.72 3.54	4.74 4.68
	199109		2.0		
Oct. 1-10	770 7 7	92.0		3.65	4.63
1-10	229.77 149.35			3.69	4.53
21-31	-35.68	"		3.58	4.52
Nov.		9.	2.0	:	
1-10	63,55	92.0		3,54	4.56
11-20 21-30	204.93 68.06	н		3.69 3.63	4.60 4.64
· · · ·	00.00	92	2.0		1 - 1 2"7"
Dec.	070 <i>47</i>	89.0			A 7 G
1-10 11-20	239.43 335.52	92.0		3.74 3.94	4.68 4.72
21-31	148.90	· ++	·	3.99	4.76
		92	2:0 93.9		
		-1.69-	/ U • /	· · · · ·	5
					4
			• • . •		

· · ·						
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1917	Jan.					
	1-10	-64.18	92.0		3.86	4,80
	11-20	217.87	0		3.96	4.84
	21-31	127.05	41		3.99	4.88
				2.0		
	Feb.					
	1-10	97.27	92.0		4.00	4.92
•	11-20	196.42	н. Ф г . А		4.08	4.96
	21-28	427.67	95.0	2.9	4.29	5.00
	Mar.		7	2.7		
	1~10	273.38	98.0		4.43	5.00
	11-20	43.90	19		4.38	5.00
	21-31	-87.15	й н с		4.22	5.00
			5	8.0		
	Apr.	· · · · · · · · · · · · · · · · · · ·				
	1-10	242.11	98.0 "		4.34	5.00
	11-20 21-30	-5.01 221.15	н 11		4.26 4.35	5.00
	£1-00	221.1J		8.0	4.33	5.00
	May		1	0.0		
÷	1-10	284.82	98.0		4.50	5.00
	11-20	3.91	п.		4.43	5.00
	21-31	26.41	• **		4.36	5.00
			9	8.0		
	June	CD 4 4 4				·
	1-10 11-20	94.64 -1.58	78.0 "		4.36	5.00 5.00
	21-30	8.55	11		4.21	5.00
		0.00	9	8.0	- T * Z I	0100
	July					
	1-10	216.35				
	11-20	-58.61				
	21-31	53.72				
	Au	4				
	Aug. 1-10	407.64	· .			
	11-20	-67.55			й. С	
	21-31	48.95				
	Sept.					
	1-10	-2.19				
	11-20 21-30	161.63 61.74			•	
	×1.00	01.74			•	
	Oct.			· .		
	1-10	81.67				
	11-20	110.03				
	21-31	-11.34				
	Neu					
	Nov. 1−10	26.85				
	11-20	239.77		ан сайта. Стала стала стал		
	21-30	-7.73				
	Dec.			· .		
	1-10	221.43		1		
	11-20	171.22			÷ .	
	21-31	79.73				

···· ··· ·				•	
	Net Inflow	Discharge	Spill out	WL at en	d RWL
	(cms)	(cms)	(cms)	(m)	————— (雨)
1919 Jan.					
1-10	-				
11-20 21-31					
			·		
Feb. 1-10					
11-20	_				
21-28					
Mar.					
1-10					
11-20 21-31	-				
		•			· · · ·
Apr. 1-10	-				• ·
11-20					
21-30					
May					
1-10 11-20					
21-31					
June					
1-10					
11-20 21-30	-				
July i-10	125.86	98.0		4 07	5.00
11-20	89.61	н		4.23 4.23	5.00
21-31	88.04	" 98.	0	4.07	5.00
Aug.			0		
1-10 11-20	7.75 91.27	98.0 95.0		4.00	4,95
21-31	-63.06	9.J.O II		3.99 3.86	4.90 4.84
Past		96.	0		
Sept. 1-10	214,66	95.0		3,95	4.79
11-20	203.59	13 11		4.04	4.74
21-30	42,94	95,	Ō	4.00	4.68
Oct.	4 mg 1 mg 1				.
1-10 11-20	-13.54 313.36	95.0 "		3.91 4.08	4.63 4.58
21-31	12.05	"	-	4.01	4.52
Nov.		95.	0	· · ·	· · · · · · · · · · · · · · · · · · ·
1-10	92.27	95.0		4.01	4.56
11-20 21-30	-3.09 434.44	28 88		3.93 4.20	4.60
	en a constante de la constante	95.	Ō ·	-7 KU	T.Q4
Dec. 1+10	109.37	95.0		4.21	A 40
11-20	284.71	U .		4.21	4.68 4.72
21-31	302.16	98,Ŭ	· ·	4.53	4.76
		96.	1 76.0		
		-1.71-			
· · ·					and and a second se

			·	· · · · · · · · · · · · · · · · · · ·	
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1920					
Jan.	7/7 10	101.0			
1-10 11-20	363.14 144.60	101.0		4.74	4.80 4.84
21-31	164.57			4.83	4.88
		101.	.0		
Feb. 1-10	33.92	101.0		4.78	4.92
11-20	142.60	н.		4.81	4.96
21-29	208.02	14		4.88	5.00
Max		101.	.0		
Mar. 1-10	81.14	101.0		4.87	5.00
11-20	154.63	n		4.91	5,00
21-31	49.41	а 101		4.87	5.00
Apr.		101.	.0		
i-10	226.02	101.0		4.96	5.00
11-20	91.87	а ^с		4.96	5.00
21-30	359.20	n LOI		5.16	5.00
May		101.	, U		
1-10	-43.87	101.0	59	5.00	5.00
11-20	-16.48	- 15 ,	•	4.91	5.00
21-31	229.95	101.	o ¹	5.02	5.00
June		101.			
1-10	36.25	101.0		4.97	5.00
11-20	157.26	11 11		5.01	5.00
21-30	-9.75		0	4.93	5.00
July					
1-10	-45.61	101.0		4.81	5.00
11-20 21-31	-42.18 9.34	- 11		4.70	5.00
×1 31	7.04	101.	0	4.62	5.00
Aug.					
1-10	23.87 -22.02	101.0		4.56	4.95
11-20 21-31	52.39	И		4.46 4.42	4.90 4.84
		101.	, Ó		
Sept.	M4 47	101 A		A	
1-10 11-20	21.16 134.71	101.0		4.36 4.38	4.79 4.74
21-30	6.77	, D		4.38	4.48
		101.	0		
Oct. 1-10	-73.81	101.0		4.17	4.63
11-20	45.78	98.0		4.17	4.58
21-31	142.69	- 11		4.17	4.52
Nov.		99.	0		
NOV. 1-10	89.53	78.0		4.16	4,56
11-20	286.55	U :		4.31	4.60
21-30	66.32	н Т		4.29	4.64
Dec.		98.	0		
1-10	-5.00	98,0	· ·	4.21	4.68
11-20	68.20	'n		4.18	4,72
21-31	45.34	"	8	4.14	4.76
			0.3	÷	
		-I.72-			
·		± • 1 4		·	

•		·			·····
	Net Inflow	Discharg	n Smill out	WL at end	54.0
	term define from many range many pang many saine tang many pang			• • • • • • • • • • • • • • • • • • •	RWL
921	(cms)	(cms)	(cms)	(m)	(m)
Jan.					
1~10	103.14	98. 0		4.14	4.80
11-20 21-31	66.97 129.25			4.12 4.14	4.84 4.88
			98.0	-1 2 -1	Υ· ΟΟ
Feb.	194 00				
1-10 11-20	124.09 152.26	98.0		4.16 4.21	4.92 4.96
21-28	39.68	н		4.17	5.00
			98.0		
Mar. 1-10	00 10	00 Å		4 4 7	E 00
11-20	98.18 165.74	98.0 "		4.17	5.00 5.00
21-31	141.29			4.26	5.00
•			98.0		· · ·
Арг. 1-10	84.55	78. 0		A	E 00
11-20	109.33	78.V		4.25 4.26	5.00 5.00
21-30	163.09	23		4.31	5.00
Maria			98.0		
. May 1−10	270.23	78. 0		4.45	5.00
11-20	29.01			4.39	5.00
21-31	150,48	21		4.44	5.00
June		4	78. Q		
1-10	52.21	78. 0		4.40	5.00
11-20	~51.85	,010		4.28	5.00
21-30	4.10	17		4.21	5.00
July		(78, 0		
1-10	63.49	98.0		4.18	5.00
11-20	10.56	ч		4.11	5.00
21-31	-12.18	41		4.02	5.00
Aug.		C.	78.0		
1-10	27.02	98.0		3.96	4.95
11-20	75.45	95.0		3,95	4,90
21-31	85.75		24.0	3.94	4.84
Sept.		· · · ·	76.0		
1-10	-3,04	95.0		3,86	4,79
11-20	83.58	F2		3,85	4.74
21-30	113.89	н с	75.0	3.87	4.68
Oct.			10.0		
1-10	59.47	95.0		3.84	4.63
11-20	247.91	13		3.96	4.58
21-31	205.74		25.0	4.06	4.52
Nov.					
1-10	55,45	95.0		4.02	4.56
11-20 21-30	48.68	н и		3,99	4.60
21-00	136.58		25.0	4.02	4.64
Dec.					
1-10	8.71	95.0		3.95	4.68
11-20 21-31	177.22	и. И		4.02 4.06	4.72 4.76
ZI -1	140.01	5	5.0	4.VQ	4.70
			96.8		
		-I.73-			

Mar

· May

Net Inflow

	Net tilltow	ласна де	opiri ouc	WE at end	INWE.
	(cms)	(cms)	(cms)	(m)	(m)
Jan.		· .			
1-10	337.37	95.0		4.25	4.80
11-20	178.46	78.0		4.32	4.84
21-31	160.21	ц		4.37	4.88
		97	.0		
Feb.	1				
1-10	14.65	98.Ŭ		4.30	4.92
11-20	82.74	· · · · · ·		4.29	4.96
21-28	173.04			4.34	5.00
		98	.0		
Mar.					
1-10	121.23	78.0		4.36	5.00
11-20	437.69	11		4.62	5.00
21-31	78.15	101.0		4.60	5,00
		99	. 1		
Apr.					
1-10	99.Ŭ4	101.0		4.60	5.00
11-20	47.41	ы		4.56	5.00
21-30	~38.18	0		4.45	5.00
		101	.0		
May					
1-10	255.15	101.0		4.57	5,00
11-20	106.47	п		4.58	5.00
21-31	115.91	12		4.59	5.00
	1. 1 ¹	101	.0		
June			• •		
1-10	-38.08	101.0		4.48	5.00
11-20	68.71			4.46	5.00
21~30	2.45	84		4.38	5.00
	· .	101	.0		
July					
1-10	-1.33	101.0		4.30	5.00
11-20	-22.06	н		4.20	5,00
21-31	-41.75	98.0		4.08	5.00

Discharge Spill out WL at end

RWL

5.00

4.95

4.90

4.84

4.79

4.74

4.68

4.63

4.58

4.52

4.56

4.60

4.64

4.68

4.72

4.76

4.08

4.00

3,95

4.01

3.89

3,80

3.75

3.95

3,87

3.94

3.92

3.86

3.87

3.94

4.03

4.13

	and a street	
21-31	-41.75	98.0
Aug.		
1-10	1.78	78. 0
11-20	26.28	54
21-31	163.46	95.0
Sept.		
1-10	-50.25	95.0
11-20	-18.76	· • •
21-30	30.96	
Oct.		
1-10	339.64	95.0
11-20	2.66	11
21-31	171.56	11

70.69

13.80

144.23

147.47

215.69

205.22

95.0 "		
	95.0	
95.0		
	95,0	
95.0		
н		
	95.0	

99.9

96.9

95.0		
1 — 1 — Н		
Ú.		
	95.0	•.

Nov.

Dec.

1-10

11-20

21-30

1~10

11-20

21-31

	· · · · · · · · · · · · · · · · · · ·				
	Net Inflow	Discharge	Spill out	WL at end	RWL
4 10 10 10	(cms)	(cms)	(cms)	(m)	(m)
1923 Jan.			÷ .		
1-10	106.36	95.0		4.14	4.80
11-20 21-31	126.22 195.18	11 12		4.16	4.84
. 21-91	170.10		5.0	4.25	4.88
Feb.					
1-10 11-20	70.11 158.23	95.0		4.23	4.92 4.96
21-28	27.06	98.Ŭ		4.23	5.00
Maria.		95	5.9		
Mar. 1-10	170.86	78. 0		4.29	5.00
11-20	84.14	ч.		4.28	5.00
21-31	153.66	и ()		4.33	5.00
Apr.		75	3.0		
1-10	56.47	98.0		4.29	5.00
11-20 21-30	158,93 87,34	0		4.34 4.33	5.00 5.00
11 00	07.0-7	96	3.0	4.20	0.00
May	20.01	<u></u>			
1-10 11-20	28.91 65.31	98.0 "		4.28 4.25	5.00 5.00
21-31	113,21	21		4.27	5.00
June		98	1.0		
1-10	-13.17	98.0		4.18	5.00
i 1 -20	4.23	n 1 1		4.11	5.00
21-30	-14.83		8.0	4.02	5,00
July					
1-10	31.35	98.0		3.96	5.00
11-20 21-31	16.25 29.06	95.0	•	3.90 3.80	5,00 5,00
		96	. Ó		
Aug. 1-10	-18.03	95.0		3.71	4.95
11-20	27.39	92.0		3.66	4.90
21-31	122.12	"		3.68	4.84
Sept.		43	.0		
1-10	157.67	92.0		3.73	4.79
11-20 21-30	-45.20 75.72	н 11	· .	3.63 3.61	4.74 4.68
21 QV	13:12		.0	3.01	4.00
Oct.	4 ger an				· · -
1-10 11-20	159.33 19.21	92.0		3.67 3.61	4.63 4.58
21-31	210.25	н		3.71	4.52
Nov.		92	.0		
NOV. 1-10	-65.59	92.0		3.59	4.56
11-20	287.63	н. ^с		3.74	4.60
21-30	160.28	" 92	.0	3.80	4.64
Dec.			• • • • • • • • • • • • • • • • • • •		
1-10	4.35	92.0	2	3.73	4.68
11-20 21-31	279.91 -15.88	14		3.87 3.78	4.72 4.76
		92	.0	~= (₩	
			95.0		
		-1.75-			
•••••	÷	· • • • •			

÷				·		· · · · ·
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(ເທຣ)	(cms)	(m)	(m)
1924	Jan.	а.				
	1-10	345.01	92.0		3.98	4.80
	11-20	47.29	14 11		3.94	4.84
	21-31	27.64		. 0	3.89	4.88
	Feb.	•				
	1-10 11-20	147.04 71.27	92.0		3.93	4.92
	21-29	136.74	28		3.92 3.95	4.96 5.00
			92.	. 0		0100
	Mar. 1-10	137.10	92.0		7 00	E 00
	11-20	550.42	92.0		3.98 4.34	5.00 5.00
	21-31	211.66	95.0		4.44	5.00
	Apr.	н. 1917 - Элерения 1917 - Элерения	93.	. 1		
	1-10	288.18	98.0		4.59	5,00
	11-20	83.67	101.0		4.58	5,00
	21-30	84.27	" 100.	n	4.57	5.00
	May		100.			
	1-10	288.58	101.0		4.71	5.00
	11-20 21-31	-68.60 47.71	n ·		4.58 4.53	5.00 5.00
			101.	0	7.00	3.00
	June .					
	1-10 11-20	59.24 148.56	101.0		4.50 4.54	5.00 5.00
	21-30	126.10	14		4.56	5.00
	July		101.	0.		
	1-10	57.74	101.0		4,53	5.00
	11-20	-37.38	11		4.42	5.00
	21-31	62.52	» 101.	0	4.38	5.00
	Aug.			0		·
-	1-10	40.94	101.0		4.34	4.95
e.	11-20 21-31	63.91 110.89			4.31 4.32	4.90 4.84
		110107	101.	0	-7 a v. 24	4.04
	Sept. 1-10					
	11-10	35.24 164.79	101.0		4.26 4.31	4.79 4.74
	21-30	24.34	U .		4.25	4.68
	Oct.		101.	0		
	1-10	-60.01	101.0		4.13	4.63
	11-20	262.17	98.0		4.26	4.58
	21-31	. 62.64	" 99,	0	4.23	4.52
:	Nov.		77,	w.		
	1-10	148.56	98 <u>.</u> 0		4.27	4.56
	11-20 21-30	-18.94	11 . 13		4.17	4.60 4.64
		, an 2 ± 17 T	98.	0	4.12	7.04
	Dec.				· · · ·	
	1-10 11-20	254.44 147.29	98.0	· .	4.24 4.28	4.68 4.72
	21-31	136.63			4.28	4.72
			98.		÷	
				98.1		
	· .		-I.76-			

the stand RWL

		Discharge			
1925	(cms)	(cms)	(cms)	(m)	(m)
Jan.					
1-10	113.83	98.0		4.33	4.80
11-20	299.57	н		4.49	4.84
21-31	110.82	11		4.50	4.88
		98	. o		
Feb.	·				
1-10	454.22	98. 0		4.78	4.92
11-20	55.61	101.0		4.74	4.95
21~28	82.51	13	_	4.73	5.00
		95	.9		
Mar.					5.00
1-10	270.85	101.0		4.86 4.87	5.00
11-20	111.64	· •	· · · · ·	4.93	5,00
21-31	172.72	101	^	4.7.2	0.00
0		101	•0	÷	
Apr. 1-10	259.68	101.0		5.06	5,00
11-20	196.33	101.0	99	5.05	5.00
21-30	419.86	11		5.23	5.00
21-00	717.00	101		~	
May					
1-10	124.51	101.0	199	5.09	5.00
11-20	15.65	0.	24	5.00	5.00
21-31	55.41	EI .		4.96	5.00
		101	.0		
June					
1-10	143.30	101.0		5.00	5.00
11-20	107.31	u		5.00	5.00
21-30	-13.88	18		4.91	5.00
4		101	.0		
July					-
1-10	-34.61	101.0		4.81	5.00
11-20	20.75	14		4.74	5.00
21-31	202.20	и - С.	_	4.83	5.00
		101	• 0		
Aug.	77 /0	101.0		4.72	4,95
1-10	-33.68 76.01	10110		4.70	4.90
11-20	-30.16	H		4.59	4.84
21-31	~00.10	101	0	-7 * C1 7	1101
Sept.	н н	101			
i-10	88.32	101.0		4.58	4.79
11-20	335.12			4.77	4.74
21-30	203.22	11	50	4,81	4,68
		101			
Oct.					
1-10	159.49	101.0	50	4.81	4.63
11-20	226.35	11	75	4.85	4.58
21-31	324.64	12	75	4.98	4.52
	•	101	.0		
Nov.	· · · ·	1			
1-10	208.66	101.0	75	5.01	4.56
11-20	369.74	· · · · ·	59	5.14	4.60
21-30	108.77	11	149	5.03	4.64
е - стала с		101	O	1.	
Dec.			مدين	F F	
1-10	464.36	101.0	99	5.24	4,68
11-20	-21.07	11	199	4,98	4.72
21-31	163.64	H	75	4.97	4.76
		101			
			100.7		
		-I,77-			

	Net Inflow	Discharge	Spill out	WL at end	RWL.
	(cms)	(cms)	(cms)	 (m)	(m)
1926	(Clus)	(Clinity)	1 Martin and 7		
Jan.	•				
1-10	99.34	101.0	50	4.93	4.80 4.84
11-20			50 45	4.99 4.88	4.88
21-31	19.66		1.0	4,00	7.00
Feb.					
1-10	35.42	101.0		4.83	4.92
11-20	262.98	п.		4.96	4.96
21-28	157.75	18		4.99	5.00
		10	1.0		
Mar.	76.91	101.0		4.97	5.00
1-10 11-20	215.26	10110 U		5.06	5.00
21-31	8.66	0		4.78	5.00
		10	1.0		
Apr.					-
1-10	64.71	101.0		4.96	5.00
11-20	193.63	11	74	5.03 5.00	5.00 5.00
21-30	141.30		1.0	3.00	0.00
May		10	1 • 1'		
1-10	-2.25	101.0		4.92	5.00
11-20	136.60	0		4.95	5.00
21-31	-21.28	17		4.84	5.00
		10	1.0		
June				4.78	5.00
1-10	19,15	101.0		4.75	5.00
11-20 21-30	65.87 75.71	U ¹		4.73	5.00
21-50	/0./1	10	1.0		
July					
1-10	49.14	101.0		4.69	5.00
11-20	109.70	38		4.70	5.00
21-31	14.32	11		4.62	5.00
		10	1.0		
Aug. 1-10	-14.69	101.0		4.53	4.95
11-20	-34.07			4.43	4.90
21-31	126.29	11		4.45	4.84
		10	1.0		
Sept.	· · ·				
1-10	93.20	101.0		4.44	4.79
11-20	131.03	11		4.46 4.32	4.74 4.68
21-30	-77.51		1.0	. ~ * ⊮ ∪∠	. 4.00
Oct.					
1-10	46.90	101.0		4.28	4.63
11-20	17.37	. 17		4.22	4.58
21-31	340.37	98.0	· · · · · ·	4.43	4.52
		5	9.9		
Nov.	80 EN	00 Å		4.38	4.56
1-10	42.52 330.02	98.0		4.56	4.60
11-20 21-30	76.74	101.0		4.54	4.64
21-50	7.647.7		79.0		
Dec.					
1-10	78.34	101.0		4.53	4.68
11-20	287.34	n		4.67	4.72
21-31	256.16	11	N 0	4.81	4.76
		- 10	01.0		and the second second

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101.0 100.7

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					:
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)		 (m)
1927					
Jan.					
1-10	138.43	101.0	45	4.80	4.80
11-20	238.08	н		4.91	4.84
21-31	164.54		50	4.92	4.88
		101.	·0		
Feb.		•		ана. 1997 — Прила Парала, 1997 —	
1-10	212.04	101.0	50	4.97	4.92
11-20	96.33	H.C.	5	4.96	4.96
21-28	100.75	81	_	4.96	5.00
		101.	, 0		
Mar.		:			
1-10	92.46	101.0		4.95	5.00
11-20	90.30			4.95	5.00
21-31	91.51			4.94	5,00
<u> </u>		101.	. 0		•
Apr.	77 00	4.54 5		1 00	E A A
1-10	73.04	101.0		4.92	5.00
11-20 21-30	276.88	11	44	5.05	5.00
21-30	80.17	101.		5.00	5.00
May		101.			
1-10	11.32	101.0		4.93	5.00
11-20	68.07	н.			5.00
21-31	35.98	1		4.85	5.00
		101.	0		0.00
June			-		
· i-i0	8.45	101.0		4.78	5.00
11-20	-10.78	15.		4.69	5.00
21-30	-17.23	1 in 1		4.60	5.00
		101.	0		
July					
1-10	4.03	101.0		4.52	5.00
11-20	-41.96	· · · · ·		4.41	5.00
21-31	-14.50	н .		4.31	5.00
_		101.	¢		
Aug.		· · · · · · · · · · · · · · · · · · ·			
1-10	49.69	101.0		4.27	4.95
11-20	34.21			4.22	4.90
21-31	-0.53	78.0	0	4.13	4.84
Sent		. 99.	7		
Sept. 1-10	272.75	78. 0		4.27	4.79
11-20	146.31	78.0		4.27 4.31	4.79
21-30	108.02	44		4.31	4.68
		98 .	0	THUL .	-1.00
Oct.					
1-10	-32.98	98.0		4.21	4.63
11-20	144.26	,010		4.25	4.58
21-31	390,24	н		4.50	4.52
·	-	98.	0		
Nov.				· · · · · · · ·	
1-10	488.34	101.0		4.80	4.56
11-20	-47.81	11	75	4.63	4.60
21-30	7.65	н		4.56	4.64
		101.	Ö .		
Dec.		8			
1-10	93.77	101.0		4.55	4.68
11 00	213.35	U		4.64	4.72
11-20 21-31	254.25	. н		·	4.76

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Net Inflow Discharge Spill out WL at end RWL

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	Net Inflow	Discharge	Spill out	WL at end	f
1928	(cms)	(cms)	(CMS)	(m)	1
Jan.					
1-10	336.60	101.0		4.96	4
11-20 21-31	4.19 153.24	**	50	4.84 4.89	6
1. U.	100.24	101.	0	4.07	Ĺ
Feb.					
1-10 11-20	-15.85 156.19	101.0		4.79 4.84	2
21-29	6.16	11		4.77	- 5
		101.	0		
Mar. 1-10	60.47	101.0		4.74	5
11-20	238.21	11		4.85	1 12 1
· 21-31	-49.77	H	<u>_</u>	4.72	5
Apr.		101.	U .		
1-10	120.63	101.0		4.73	E L
11-20	116.20	12		4.74	. 5
21-30	95.37		Ö ·	4.74	5
May			•		
1-10	162.23	101.0		4.79	6
11-20 21-31	72.81 -31.34			4.76 4.65	07 8.
		101.	O .		-
June	10.00	101.0		4 50	-
1-10 11-20	10.90 47.77	101.0		4.58 4.46	
21-30	-4.02	0		4.38	5
July		101.	0		
July 1-10	96.58	101.0		4.38	Ē
11-20	-99.42			4.22	5
21-31	-10.36	98.0	n :	4.13	0
Aug.	· · · · · ·	99.	4		
1~10	2.47	98. 0		4.05	4
11-20 21-31	39.80	02 . 11		4.00	4
21-31	15.95	78.	0	3.93	4
Sept.					
1~10 11-20	46.17 7.47	95.0		3.90	4
21-30	-9.09	12		3.83 3.74	4
-		95.	0		
Bct. 1-10	120.55	92.0		3.77	Д
11-20	35.05	H .		3.77 3.72	4
21-31	187.36	Ð		3.80	4
Nov.		92.0	0		
1-10	364.15	92.0		4.02	4
11-20	64.43	95.0		3,99	4
21-30	133.04	. 94. (0	4.02	4
Dec.	:	/****	.		
1-10	235.14	95.0		4.13	4
11-20 21-31	266.20 18.55	98. 0		4.27 4.20	4
Z1 - 01	14.44	96.0	1.	7.20	. 4
			- 78.4		
		-I.80-			

					. <u>.</u>
	Net Inflow	Discharge	Spill out	WL at end	RWL.
	(cms)			(m)	(m)
1929	(Cms)	(cms)	(Cm5)	VIII 7	(107
Jan.		·			
1-10	110.53	98.0 "		4.21	4.80
11-20 21-31	-19.73 55.33	μ		4.12 4.08	4.84 4.88
	00.00	98	•0	, , , , , , , , , , , , , , , , , , , 	
Feb.					
1-10	179.06	98.0		4.14 4.18	4.92
11-20 21-28	145.06 14.12	11		4.18	4.96 5.00
Ange and spectrum		98	.0		
Mar.					
1-10 11-20	65.11 277.58	98.0 "		4.10 4.24	5,00 5,00
21-31	207.81			4.34	5.00
		78	.0	,	
Apr.				a → A	
1-10 11-20	53.77 209.05	. 98.0		4.31 4.39	5.00 5.00
21-30	112.50	u –		4.40	5.00
		98	.0		
May		00 0		4 40	F 00
1-10 11-20	208.82 62.07	98.0		4.49 4.46	5.00 5.00
21-31	69.79	н		4.44	5.00
		98	.0		
June	4 05			4 77	5.00
1-10 11-20	4.05 114.83	98.0		4.37 4.38	5.00
21-30	-37.77	U		4.27	5.00
4 .		98	.0		
July 1-10	-34.10	78.0		4.17	5.00
11-20	-41.39	10.0		4.06	5.00
21-31	-61.05	ц¥		3.92	5.00
•		98	.0		•
Aug. 1-10	47.65	95 O		3,88	4.95
11-20	-7.35	,810		3.80	4.90
21-31	-4.03	11		3.72	4,84
Cant		95	.0		
Sept. 1-10	35.52	92.0		3.67	4.79
11-20	88.92	41		3.67	4.74
21-30	117.76	11		3.69	4.68
Oct.		- 92	.0		
1-10	14.65	92.0		3.63	4.63
11-20	37.05	н		3.59	4.58
21-31	217.42	n D	<i>.</i>	3.70	4.52
Nov.		92	.0	· · · .	
1-10	200.98	92.0		3.78	4.56
11-20	154.45	н		3.83	4.60
21-30	222.51	"	0	3.93	4.64
Dec.		92			
1-10	117.05	92.0	н Н	3.95	4.68
11-20	107.11	ΰ U		3.96	4.72
21-31	235.05	"	0	4.09	4.76
		92.	.0 95.7		
		-1,81-	· • •		

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	(cms)	(cms) (((m)	(m)
1930				
Jan. 1-10	-28.08	95.0	7 60	4 00
11-20	145.56	40.0 H	3.99	4.80
.21-31	168.98	· · · · ·	4.03 4.10	4.84
د دب ال ند .	100.70	95.0	4.10	4.88
Feb.		90.0		
1-10	i28.96	95.0	4.12	4.92
11-20	-40.43	и.	4.02	4.96
21-28	162.00	11	4.06	5.00
		95.0		0.00
Mar.				
1-10	-6.34	95.0	3.98	5.00
11-20	164.18	н	4.03	5.00
21-31	108.69	11	4.04	5.00
		95.0		
Apr.				
1-10	120.38	75.O	4.06	5.00
11-20	163.26	11	4,12	5.00
21-30	138.99	1 9	4.15	5.00
	i.	95.0		
May				
1-10	174.36	95.0	4.21	5.00
11-20	-63.48	н.	4.09	5.00
21-31	~5.58	ti .	4.00	5.00.
		95. 0		
June				
1-10	155.72	95.0	4,05	5.00
11-20	153.89	êż	4.10	5.00
21-30	-97.73	n	3.95	5.00
		95.0		:
July				
1-10	-17.85	95.0	3.86	5.00
11-20	-23.60	11	3.76	5.00
21-31	-30,85	11	3.66	5.00
0	· · ·	95.0		
Aug.	10 70	92.0		a
1-10 11-20	42.32 27.77	92.0 U	3.62	4.95
21-31	161.05	13	3.57	4.90
21 34	101.03	92.0	3.63	4.84
Sept.		72.0		
1-10	72.47	92.0	3.61	4.79
11-20	-72.32	, , , , , , , , , , , , , , , , , , , ,	3.48	4.74
21-30	22.25	86.0	3.43	4.68
		90.0		
Oct.				
1-10	165.76	86.0	3.49	4.63
11-20	263.91	н 1	3.63	4.58
21-31	381.42	n	3.87	4.52
		86.0	-	- -
Nov.				
1-10	113.14	92.0	3.91	4.56
11-20	390,28	a	4.14	4.60
21-30	645.46	95.0	4.57	4.64
		93.0		
Dec.				
1-10	52.68	98.0	4.54	4.68
11-20	242.35	101.0	4.65	4.72
21-31	428,60	H L L	4,93	4.76
		100.0	· · · ·	
		93.8		4 · · ·
		-1.82-		
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en e				

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	Marken Track Damage		Contil out	hit stand	RWL
	Net Inflow	Discharge	Spill out	WL at end	
1931	(cms)	(cms)	(cms)	(m)	(m)
Jan.				•	
1-10	240.89	101.0	50	5.00	4.80
11-20	468.92	н -	99	5.21	4.84
21-31	379.28	" 101	199	5.28	4.88
Feb.			•••		
1-10	-26.04	101.0	199	5.02	4.92
11-20	105.91	н.	84	4.96	4.96
21-28	33.02	" 101	0	4.92	5.00
Mar.		104			
1-10	69,85	101.0		4.90	5,00
11-20	170.90	. 11		4.95	5.00
21-31	132.05	\$1		4.98	5.00
•		101	.0		
Apr. 1-10	147.87	101.0		5.01	5.00
11-20	119.61	"	34	5,00	5.00
21-30	438.16	**	99	5.19	5.00
		101	.0		÷
May	FO 00	101.0	149	5.04	5.00
1-10 11-20	58.82 152.07	101.0	147 99	5.00	5.00
21-31	172.09	44	69	5.00	5.00
		101	.o.		
June	11. I.				
1-10	26.75	101.0.		4.94 4.89	5.00 5.00
11-20 21-30	28.29 -15.51	(I		4.80	5.00
21-00	10,01	101	1.0		
July					
1-10	-0.15	101.0		4.72	5.00
11-20	484.65		44	5.02 5.00	5.00 5.00
21-31	128.58	101		3.00	0100
Aug.					
1-10	23.79	101.0		4.94	4.95
11-20	-77.74			4.80 4.68	4.90 4.84
21-31	-35.13		L.O	7,00	4.04
Sept.					
i-10	334.30	101.0		4.87	4.79
11-20	412.96	11	50	5,07	4.74
21-30	-137.79		99 L.O	4.81	4.68
Oct.		. 10.			
1-10	-36.11	101.0	50	4.66	4.63
11-20	-17.55	н	:	4.57	4.58
21-31	343,82	"	50	4.73	4.52
Nov.		103	1.0	,	
NOV. 1-10	236.05	101.0	50	4,80	4.56
11-20	212.19	U .	75	4.83	4.60
21-30	184.99	н	50	4.86	4.64
-		10:	1.0		
Dec. 1-10	L10 07	101.0	50	5,22	4.6B
1-10 11-20	618.93 320.55	101.0	199	5.24	4.72
1 1 ZV		11	199	5.34	4.76
21-31	416.93	<i></i>	1//	-U+U+	

-I.83-

932 Jan. 1-10 11-20 21-31 Feb. 1-10 11-20 21-29	(cms) 12.26 76.75 70.47 270.42 185.53 29.87	(cms) 101.0 " 101.0	(cms) 199 149 50	(m) 5.11 4.98 4.91	4.80 4.84
Jan. 1-10 11-20 21-31 Feb. 1-10 11-20 21-29	76.75 70.47 270.42 185.53	u 101	149 50	4.98	
11-20 21-31 Feb. 1-10 11-20 21-29	76.75 70.47 270.42 185.53	u 101	149 50	4.98	
21-31 Feb. 1-10 11-20 21-29	70.47 270.42 185.53	" 101	50		4.84
Feb. 1-10 11-20 21-29	270.42 185.53	101		4.91	4.88
1-10 11-20 21-29	185.53			** * *	4.00
1-10 11-20 21-29	185.53	101.0	* M		
11-20 21-29	185.53			5.04	4.92
21-29		0.	99	5.03	4.96
	27.0/	0		4.98	5.00
Maria.		101	.0	а. С	
Mar.			· · ·		- 00
1-10	78.78	101.0		4.96	5.00
11-20	199.89	. H.	99	5.04 5.05	5,00
21-31	209.21			3.00	0.00
		101	•••		
Apr. 1-10	253.39	101.0	99	5.09	5.00
11-20	190.53		99	5.08	5.00
21-30	135.21	11	99	5.03	5.00
	_	101	.0		
May				P • • •	e
1-10	366.47	101.0	99	5.16	5,00
11-20	105.31	10. 18	149	5.05 4.94	5.00 5.00
21-31	-26.49	101	0	**• 7**	0.00
June		101			
1~10	-70.37	101.0		4.80	5.00
11-20	-17.61			4.71	5.00
21-30	208.36	Į k		4.80	5.00
•		101	1.0		
July	:			a (ca)	E 00
1-10	-48.87	101.0		4.68 4.58	5.00 5.00
11-20	-22.58			4.42	5.00
21-31	-89.78		1.0	-1+ 12	0.00
Aug.		10.			
1-10	124.23	101.0		4.43	4.95
11-20	206.12	н		4.52	4.90
21-31	143.24	**		4.55	4.84
		10	1.0		
Sept.	- -			4.47	4.79
1-10	-9.71	101.0		4.33	4,74
11-20 21-30	-72.04 333.77	11		4.51	4.68
21-00		10	1.0		
Oct.					
1-10	21.58	101.0		4.45	4.63
11-20	61.87	12		4.42	4.58
21-31	-0.08	н 1 А.А.		4.33	4.52
N		. 10	1.0		
No∨. 1-10	130.46	101.0		4.36	4.56
11-10	315,30	"		4.52	4.60
21-30	151.69	81		4.56	4.64
		10	1.0		
Dec.					_
1-10	267.35	101.0		4.69	4.68
11-20	151.86			4.73	4.72
21-31	78.52	и.		4.71	4.76
		··· 10	1.0		
			101.0		
		-1,84-			

105/	(cms)	(cms)	(cms)	·(m)	(m)
1956 Jan.					
1-10 11-20 21-31	-				
Feb.					
1-10 11-20 21-29					
Mar. 1-10 11-20 21-31	·				
Apr. 1-10 11-20 21-30					
May 1-10 11-20 21-31	-				
June 1-10 11-20 21-30					
July		•			
1-10 11-20 21-31	- - -				
Aug. 1-10 11-20 21-31					
Sept. 1-10 11~20 21-30	- 			. *	
Oct. 1-10 11-20 21-31	-				
Nov. 1-10 11-20 21-30					
Dec. 1-10 11-20 21-31	53.21 270.16 253.87				

-I.85-

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	· · · · · ·					
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1957						
	Jan. 1-10	42.73	101.0		4.67	4.80
	11-20	78.94	44		4.65	4.84
	21-31	179.49	" 101.	<u>o</u>	4.72	4.88
	Feb.		101.	. •		
·	1-10	16.85	101.0		4.65	4.92
	11-20 21-28	23.44 116.20	41		4.59 4.60	4.96 5.00
			101	.0		
	Mar.	· · · · · · · · · · · · · · · · · · ·	101.0		4.55	5.00
	1-10	33.93 405.40	101.0		4.00	5.00
	21-31	106.56	11		4.79	5,00
	Apr.		101	.0		
	1-1Ŏ	259.54	101.0		4.92	5.00
	11-20	119.90	n H		4.93 5.11	5.00 5.00
	21-30	329.57	101	.0	5.11	0.00
•	May					F 65
	1-10 11-20	302.78 206.36	101.0	149	5.15 5.12	5.00 5.00
	21-31	303,01	н. н. Н	149	5.17	5.00
	ан алан алан алан алан алан алан алан а		101	.0		
	June 1-10	-14.28	101.0	94	5.00	5.00
	11-20	16.12	11		4.93	5.00
	21-30	-4.37	" 101	Ó	4.85	5.00
	July		101	• •		
	1-10	-92.02	101.0		4.70	5.00
	11-20 21-31	100.57 -36.80	: 11		4.70 4.58	5.00 5.00
			101	.0		
	Aug. 1~10	18.10	101.0		4.52	4.95
	11-20	67.51	**		4.38	4.90
	21-31	21.77	"		4.31	4.84
	Sept.		101	.0		
	1-10	123.97	101.0		4.33	4.79
4	11+20 21-30	-92.08 186.35	98.0		4.18	4.74 4.68
	21-00	100.00	100	.0	4.20	1.00
	Oct.				4 99	4 4 7
	1-10 11-20	59,99 136,62	78.0 "		4.22 4.25	4.63 4.58
	21-31	396.28	H		4.51	4.52
· .	Nov.		- 78	.0	• •	
	1-10	157.69	101.0		4.55	4.56
	11-20	278.89	63		4.69	4.60
	21-30	174.94	101	.0	4.71	4.64
	Dec.		e e trans			
	1-10 11-20	226.02 323.17	101.0	50 · 50	4.77 4.91	4.68 4.72
	21-31	6.84		50	4.78	4.76
			101			
				100.7		

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	Net Inflow ·	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1958 Jan.					
1-10	145.17	101.0		4.82	4.80
11-20	80.35	62 11		4.80 4.84	4.84 4.88
21-31	152.28	101	.0	4.04	4.00
Feb.		-			4 00
1-10 11-20	258.90 109.68	101.0	15	4.97 4.96	4.92 4.96
21-28	56.62			4.93	5.00
M		101	.0		
Mar. 1-10	79.79	101.0		4.92	5.00
11-20	144.03	18		4.95	5.00
21-31	46.87	. 101	.0	4.91	5.00
Apr.					
1-10	150.47 59.75	101.0		4.94 4.91	5.00 5.00
11-20 21-30	71.00	31		4.89	5.00
.		101	. O		
May 1-10	174.60	101.0		4.95	5.00
11-20	134.96	14 -		4.97	5.00
21-31	-42.20	." 101	0	4.85	5,00
June	1		•••		
1-10	-31.85	101.0		4.74 4.80	5.00
11-20 21-30	171.78	t#	÷	4.69	5.00
		101	.0		
July 1-10	-135.39	101.0		4.51	5.00
11-20	-82.58	¥I		4.36	5.00
21-31	-40.86	101	0	4.24	5.00
Aug.		A V 8			
1-10	5.05	98.0 "		4.17 4.07	4.95 4.90
11-20 21-31	-23.87 -140.68			3.87	4,84
		98	3. <u>0</u>		
Sept. 1-10	-43.31	95.0		3.76	4.79
11-20	14.84	11		3.69	4,74
21-30	125.73	92.0	1.0	3.72	4.68
Oct.		:		· · ·	
1-10	153.32	92.0 "		3.77 3.58	4.63 4.58
11-20 21-31	-155.55 188.07	11		3.66	4.52
	-	92	2.0		
No∨. 1-10	301.45	92.0	• •	3.82	4.56
11-20	236.80	n		3.94	4.60
21-30	74.44		2.0	3.92	4.64
Dec.	· · · ·	74	• • • •	ананан сайтаран сайта Сайтаран сайтаран сайт	
1-10	375.01	92.0		4.14	4.68
11-20 21-31	195.73 168.25	95.Q		4.22 4.29	4.72 4.76
	a wrwr y astw	94	1.0		
			98.1		
		-1.87-			
		· · ·			•••••

	(cms)	(cms)	(cms)	(m)	(m)
2					
Jan.				· ·	
1-10	233.60	98.0 "		4.39	4.80
11-20	43.51			4.35	4.84
21-31	-50.56			4.22	4.88
Feb.		71	3.0		
i-10	124.11	98.0		4.24	4.92
11-20	135.48	, O. C		4.27	4 98
21-28	-80.45	41		4.16	5.00
		98	3.0		0.00
Mar.					
1-10	49.67	78. 0		4.12	5.00
11-20	148.43	п		4.16	5.00
21-31	127.11			4.19	5.00
		91	3.0		
Apr.					
1-10	301.60	78, 0		4.35	5.00
11-20	329.79	u		4.53	5.00
21-30	143.25	101.0		4.56	5.00
• •		91	7.0		
May					1 12 1 12
1-10	264.61	101.0	н.	4.69	5.00
11-20	257.69	и И		4.81	5.00
21-31	-18.73			4.71	5.00
June		101	1.0	•	
1-10	73.18	101.0		4.69	5.00
11-10	279.55	101.0		4.83	5.00
21-30	-37.90	11		4.83	5.00
and the free of the	~~ • • • • •	10	1.0		
July					
1-10	-74.37	101.0		4.58	5.00
11-20	57.29	н		4.55	5.00
21-31	-0.67	n		4.46	5.00
		10:	1.0		
Aug.		-			_
1-10	75.59	101.0		4.44	4.95
11-20	-2.95			4.36	4.90
21-31	-50,23			4.23	4.84
Sept.		10.	1.0		
1~10	57.77	78. 0		4.20	4.75
11-20	275.92	76.U M		4.34	4.74
21-30	-26.21	0		4.24	4,68
		. 98	3.0	r a Ju F	7 4 1 0 L
Oct.					
1-10	331.91	98.0		4,42	4.63
11-20	124.77	, u		4,44	4,58
21-31	390.74	14		4.70	4.52
		98	3.Û		
Nov.					
1-10	214.75	101.0	50	4.75	4.56
11-20	232.91	0	50	4.81	4.60
21-30	292.04	H .	50	4.92	4.64
D.m.m.		101	.0		
Dec. 1-10	117 70	101.0	. 76		A 1 /
1-10 11-20	113.39	101.0	75	4.87	4.68
21-31	140.46		50	4.86	4.72
	00.00		50 L.O	4.80	4.76
		10.	99.6		
					•
		-I.88-			
· • .					

	Net Inflow	Discharge	Spill out	WL at end	RWL.
	(cms)	(cms)	(cms)	(m)	(m)
50 1 - T					
Jan. 1-10	5,62	101.0		4.73	4,80
11-20	92.79			4.72	4.84
21-31	162.20	11		4.77	4.88
		10:	1.0		
Feb.		•			
1-10	322.91	101.0		4.95	4.92
11-20	151.64	н., Р		4.99	4.96
21-29	70.01	Ħ		4.97	5.00
		10	1.0		
Mar.	85.08	101.0		4.95	5.00
1-10 11-20	5,19	10110		4.88	5.00
21-31	210.72	н		4.97	5.00
2.1 UI	2101/2	10	1.0		
Арг.					
1-10	195.78	101.0		5.05	5.00
11-20	176.42	. t ł	99	5.03	5.00
21-30	242.24	**	99	5.06	5.00
		10	1.0		
May		4.5.4 5		5.00	5.00
1-10	104.50	101.0	79	5.00	5.00
11-20	102.84	ti i	. 4	4.87	5.00
21-31	-50,96		1.0	··· 07	0.00
ปันกต		10	1.0		
1-10	-95.27	101.0		4.72	5.00
11-20	-42.63		·	4,60	5.00
21-30	-24.33	17		4.50	5,00
		10	1.0		
July					
1-10	5.46	101.0		4.43	5.00
11-20	340.80	22		4.62	5.00
21-31	-191.88			4.36	5.00
		10	1.0		
Aug.		101.0		4.21	4.95
1-10 11-20	-94.71 -52.39	98.0		4,09	4.90
21-31	350.89	1010		4.31	4.84
21 01	000107	9	9.0		
Sept.					
1-10	-20.66	98.0		4.22	4.75
11-20	-44.00	U		4.11	4.74
21-30	-13.25	U		4.02	4.68
		- 9	8.0		
Oct.				7 01	4.6
1-10	-41.25	98.0		3.91	4.58
11-20	359.06	95.O "		4.12 4.32	4.52
21-31	331.41		6.0	7:04	78 22
Nov.			U • V		
1~10	202.89	98.0		4.40	4.56
11-20	277.44	,		4.55	4.60
21-30	84,92	101.0	- · · ·	4.53	4.64
			9.0	1.00	
Dec.	•	.*	•		_ ····
1-10	178.86	101.0		4.59	4 68
11-20	44.00	U	:	4.55	4.72
21-31	404.27	15		4.81	4.76
· · ·	· ·	- 10	1.0		
			100.0		
		-1.89-			

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		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1961	Jan.					
	1-10	-30.43	101.0		4.71	4.80
	11-20	215.08	4k 61		4.80	4.84
	21-31	57.06	101	.0	4.76	4.88
	Feb.					
	1-10	-24.83	101.0		4.66	4.92
	11-20	75.47 300.18			4.64 4.77	4.96 5.00
	21-28	300.10	101	.0		
	Mar.	·			4 00 1	5 00
	1-10	172.65 -51.53	101.0		4.82 4.70	5.00 5.00
	11-20 21-31	~8.87	n -		4.61	5.00
			101	.0		
	Apr.	123.62	101.0		4.62	5.00
	1-10 11-20	72.80	101.0		4,60	5.00
	21-30	324.31	н		4.78	5.00
			101	.0		
	May 1-10	23.92	101.0		4.72	5.00
	11-20	-8,99	н.	:	4.63	5.00
	21-31	-203.47	н		4.37	5.00
	7		101	.0		
	June 1-10	-5.76	101.0		4,28	5.00
	11-20	13.59	11		4.22	5.00
	21-30	-39.93	78. 0 100		4.11	5.00
	July		100	.0		
	1-10	-75.69	98.0		3.97	5.00
	11-20	75.17	95.0 "		3.96	5.00
	21-31	37.99			3.91	5.00
	Aug.		, .			
	1-10	25.77	95.0		3.85	4.95
	11-20	-135.84	" 92.0		3.67 3.57	4.90 4.84
	21-31	-23.33		5.9	0.0/	1:01
	Sept.					
	1-10	110.56	92.0		3.59 3.54	4.79 4.74
	11-20 21-30	32.62 193.21	n		3.62	4.68
				2.0		
	Oct. 1-10	3.03	92.0		3,55	4.63
	11-10	64.87	72.0		3.53	4.58
	21-31	221.99	11		3.64	4.52
	N lass a		92	2.0		
	Nov. 1-10	155.28	92.0	· . ·	3.69	4.56
	11-20	142.39	u -		3.73	4.60
	21-30	138.51	"	2 0	3.76	4.64
	Dec.		95	2.0		
	1-10	143.72	92.0		3.81	4.68
	11-20	387.72			4.04	4.72
	21-31	184.77	95.0	3.1	4.12	4.76
			7.	97.0		
			-1,90-			

			· ·		·
				:	· · · ·
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1962					
Jan.	21.89	95.Ŭ		4.06	4.80
1-10 11-20	418.07	,010		4.31	4.84
21-31	-77.83	98.0 ·		4.16	4,88
		96	. 1		
Feb.	4			4.08	4.92
1-10	-1.00	98.0		4.06	4.95
11-20 21-28	71.76 48.37			4.03	5.00
21-20	40107	78	, O		
Mar.					
1-10	109.01	78. 0		4.04	5.00
11-20	107.76	H		4.05 4.24	5,00 5,00
21-31	326.63	98	0	4.24	0.00
Apr.		70			
1-10	231.88	78 .0		4.35	5.00
11-20	117.00	11		4.36	5.00
21-30	206.32	"	~	4.45	5.00
Marke		98	• 0		
May 1-10	161.29	98. 0		4.50	5,00
11-20	152.36	11 ·		4.54	5.00
21-31	-28.37	101.0		4.43	5.00
"		99	- 1		
June 1-10	76.31	101.0		4.41	5,00
11-20	189.79			4.48	5.00
21-30	26.78	п.,		4.42	5.00
· · ·		101	.0		
Julý	44 00	101.0		4.31	5.00
1-10 11-20	-44.28 -53.17	101.0		4.19	5.00
21-31	35.59	98. 0		4.13	5.00
			. 7		
Aug.	:			4 00	4.95
1-10	24.48	98.0 "		4.08 4.21	4.90
11-20 21-31	267.20 -20.38	41		4.11	4.84
21-01	10.00	98	.0		
Sept,					,
1-10	0.08	98.0 "		4.03	4.79 4.74
11-20	97.84	11		4.03 3.95	4.74 4.68
21-30	-5,50		.0	0.70	,
Oct.					
1-10	118.99	95.0		3.97	4.63
11-20	85.41	18		3.96	4.58
21-31	80.36			3.95	4.52
Nov.		7.	1 * **		·
NOV. 1-10	19,30	95.0		3.89	4.56
11-20	187.45	11		3.96	4.60
21-30	189.38	"	·	4.03	4.64
-		95	i.o		
Dec.	26.45	95.0		3.98	4.68
1-10 11-20	151.93	7 . .0		4.02	4.72
21-31	256.35	· II		4.16	4.76
		95	i. 0		
			97.6		
		~1.91-			

	Net Inflow	Discharg	e Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1963					
Jan.	· · · · · · · ·				
1-10	-17.17	95.0		4.08	4,80
11-20	173.13	- 11		4.14	4.84
21-31	64.33		OF A	4.11	4.88
Feb.			95.0		
res. 1-10	215.88	95.0		4.21	4.92
11-20	-27.83	1010		4.11	4.96
21-28	64.03	0		4.07	5.00
			95.0		
Mar.					
1-10	95.46	95.0		4,09	5,00
11-20	109.14	12		4.10	5.00
21-31	83.78	11		4.09	5.00
_			95.0		
Apr.				7 00	E 66
1-10	-35.53	95.0 "		3.99 3.89	5.00 5.00
11-20	-26.48			3.84	5.00
21-30	33.34		95.0	5.04	5.00
May			/0.0		
1-10	45.46	95.Ö		3.81	5.00
11-20	68.53	11		3.79	5.00
21-31	37.26	n		3.74	5.00
			95.0		. •
June					
1-10	-13.56	92.0		3.65	5.00
11-20	61.23			3.63	5.00
21-30	19.70	84		3,57	5,00
			92.0		
July	7 04	00 0		3.50	5.00
1-10	3.84	92.0		3.49	5.00
11-20 21-31	78.74	86.0		3 49	5.00
21-31	/7.00	00.0	89.9	0: T/	0.00
Aug.			G).)		
1-10	81.84	86.0	,	3.48	4.95
11-20	30.19	. 11		3.44	4,90
21-31	42,85	н		3.40	4.84
			86.0		
Sept.					<u> </u>
1~10	-13.23	86.0		3.32	4.79
11-20	78.56	ม		3,33	4.74
21-30	89.98	1)	0/ 0	3.34	4.68
			86.0		
Oct.	170 10	86.0		3.40	4.63
1-10 11-20	170.19	86.0		3.56	4.58
21-31	257.26	11		3.38	4.52
	1. (77 B 2. (4)		86.0		
Nov.	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -				
1-10	456.47	86.0		4.00	4.56
11-20	173.06	92.0		4.06	4,60
21-30	241.91	95.0		4.18	4.64
· · · ·			91.0	•	
Dec.					
1-10	408.99	95.0		4.42	4.68
11-20	190.23	98.0		4,50	4.72

91.9

~1,92-

	• • • • <u>•</u>			
	Net Inflow	Discharge Spill out	WL at end	RWL
·	(cms)	(cms) (cms)	(m)	(m)
1964				
Jan. 1-10	50.58	101.0	4.51	4.80
11-10	82.87	10110 U	4.50	4.84
21-31	0.69	н	4 41	4.88
		101.0		
Feb. 1-10	44.50	101.0	4.37	4 92
11-20	40.31	1	4.32	4.96
21-29	97.85		4.32	5,00
		101.0		
Mar. 1-10	172.43	101.0	4.37	5.00
11-10	91.74		4.37	5.00
21-31	33.62	11	4.31	5.00
_		101.0	1	
Apr. 1-10	59.87	101.0	4,28	5.00
11-20	123.53	101.0	4.29	5,00
21-30	123.33		4.31	5.00
L.		101.0		
May 1-10	48.34	101.0	4.27	5.00
11-20	-7.78	u.	4.18	5.00
21-31	-6.49	98.0	4.09	5.00
i i i i i i i i i i i i i i i i i i i		99.9		
June 1-10	28.68	98.0	4.04	5,00
11-20	13.90		3.97	5.00
21-30	139.41	95.0	4.01	5,00
July		97.0		
1-10	64,04	95.0	3,98	5.00
11-20	113.33	n	4.00	5.00 5.00
21-31	116.88	" 95.0	4.02	J.00
Aug.		/ Wa W		
1-10	-79.17	95.Ŭ	3.88	4.95
11-20	29.91	n N	3.83 3.79	4.90 4.84
21-31	55.22	95.0		1107
Sept.			1	
1-10	198.92	95.0	3.88	4.79
11-20	83.67	11 · · · · · · · · · · · · · · · · · ·	3.87 3.82	4.74 4.68
21-30	31.76	95.0		
Oct.				a ,
1-10	26,80	95.0 "	3.76 3.73	4.63 4.58
11-20 21-31	49.77 76.91	92.0	3.72	4.52
10 ° 1 ° 2		93.9		
Nov.			7 40	4.56
1-10	-56.91	92.0	3.60 3.52	4.58
11~20 21-30	-12.03 302.86		3.68	4.64
	· · · · · · ·	92.0		
Dec.		00.0	3.73	4.68
1-10 11-20	157.69	92.0	3.76	4.88
21-31	104.35	и. П	3.77	4.76
		92.0		
		97.0		
		-I.93-		
		· · · · · · ·	, san ing sa	

			0.111		OLU .
	Net Inflow	Discharge	Spill out	WL at end	RWL
965	(cms)	(cms)	(cms)	(m)	(m)
Jan.					
1-10	-7.42	92.0		3.69 3.62	4.80 4.84
11-20 21-31	0.79 3.63			3.54	4.88
		92	.0		
Feb.	10.07			3.48	4.92
1-10 11-20	18.23 149.26	92.0 86.0		3.53	4.96
21-28	102.43	12		3.54	5.00
		88	. 1		
Mar . 1-10	21.70	86.0		3.49	5.00
11-20	203.47	н		3.59	5.00
21-31	154.04	"	.0	3.65	5.00
Apr.		50	.0		
1-10	109.10	86.0		3.66	5.00
11-20	213.17	92.0		3.76 3.80	5.00 5.00
21-30	143.39		.0	0.00	J . (0
May					
1-10	134.54 120.53	92.0		3.84 3.86	5.00 5.00
11-20 21-31	40.05	11		3.81	5.00
		92			•
June	15.13	92.0		3.75	5,00
1-10 11-20	22.94	72.0 n		3.70	5.00
21-30	-4.36	н		3.62	5.00
7		92			•
July 1-10	66.45	92.0		3.60	5.00
11-20	-51.81	81	·	3.49	5.00
21-31	-10.68	86.0	9.9	3.41	5.00
Aug.			, /		
1-10	104.71	86.0		3.42	4.95
11-20 21-31	108.93 12.61	11 11		3.44 3.38	4.90 4.84 =
21-51	12.01	86	.0		1.0,
Sept.	·			-+ 44	4 70
1-10 11-20	122.48 65.80	86.0		3.41 3.39	4.79 4.74
21-30	158.20	: "		3.45	4.68
		84	,O		
Oct. 1-10	98.24	86.0		3.46	4.63
11-20	301.58	· •		3.63	4.58
21-31	209.43	· и	5. 0	3.73	4.52
Nov.) - C		
1-10	55.57	86.0		3.71	4.56
11-20	105.68	· · · · · · · · · · · · · · · · · · ·		3.72 3.76	4.60 4.64
21-30	133.47		s. O	2.70	7.04
Dec.		•		·	
1-10	149.16	92.0		3.81 3.91	4.68 4.72
11–20 21–31	228.46 150.90			3.91	4.72 4.76
an a 'a' a		92	2.0		
			88.7		
		-1,94-			÷

						•	
		Net Inflow	Dischar	.de	Spill out	WL at end	RWL
		(cms)	(cms)		(CALS)	(m)	(m)
1966					(2.112.)		(117
J	an. 1-10	131.61	92.0			4.00	4,80
	11-20	212.35	, , , , , ,			4.09	4.84
	21-31	123.52	95.0	93.1	I	4.11	4.88
F	eb.			70.1	L		
	1-10	139.16	95.0 ".			4.15	4.92
	11-20 21-28	112.60 48.78				4.16 4.13	4.96 5.00
				95.C)		0.00
M	ar. 1-10	113.20	95.0			4.15	5.00
	11-20	135.96	11			4.18	5.00
	21-31	244.04	n			4.31	5.00
A	D <i>r</i> .			95.0)		
	1-10	66.42	98.0			4.28	5.00
	11-20 21-30	142.96 226.55	N 11			4.32 4.42	5.00
	21 00	220:00		98. 0	>	4.42	5.00
M	ay 1to		00.0			4 70	- 00
	1-10	57.04 40.11	98.0			4.39 4.34	5.00 5.00
	21-31	19.32	u [']			4,28	5.00
.1				98. 0)		,
	1-10	111.00	98.0			4.29	5.00
	11-20 21-30	113.50 83.39				4.30	5.00
	21-30	00.07		98. 0)	4.29	5.00
J	lly					· · · ·	
	. 1−10 11−20	136.21 72.61	98.0 "			4.32 4.30	5.00 5.00
	21-31	60.25	11	÷		4.26	5.00
Δı	.ug.		•	98.0)		
	1-10	41.29	98. 0			4.22	4.95
	11-20	12.23	ti 17			4.15	4.90
	21-31	182.47		98.O		4.23	4.84
Se	ept.						
	1-10 11-20	35.84 114.48	98.0 "			4.18 4.19	4.79 4.74
	21-30	140.19	12			4.22	4 68
De	t.			98.0			
1.1	1-10	88.67	98.0			4.22	4.63
	11-20	271.21	н Л			4.35	4,58
	21-31	144.67		98.O		4.39	4.52
No			:				
	1-10 11-20	255.10 226.70	98.0 101.0		· · ·	4.52 4.61	4.56 4.60
	21-30	71.82				4.57	4.60
n-	۲.			100.0			н
D€	1-10	167.89	101.0		· · ·	4.64	4.68
	11-20	127.70	n n			4.66	4 72
	21-31	151.74		10110		4.71	4.76
			-1.95-				
						a da ser estas	· · · · · · · · · · · · · · · · · · ·

		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1967						
	Jan. 1-10	87.61	101.0		4.70	4 00
	11-20	155.16	101.0		4.70	4.80 4.84
	21-31	152.29	н		4.79	4.88
	· ·		10	1.0		4.00
	Feb.	·				
	1-10	114.87	101.0		4.80	4.92
	11-20	60.54	н.		4.77	4.96
	21-28	204.26	49		4.83	5.00
			10	1.0		
	Mar. 1-10	100 70	101.0		4 00	. –
	11-20	182.38 119.42	101.0		4.89 4.91	5.00
	21-31	45.89	H		4.86	5.00 5.00
	*** ···	10107	10	1.0		0.00
	Apr.					
	1-10	153.01	101.0		4.90	5.00
	11-20	192.86	II.		4.97	5.00
	21-30	238.90	п		5.08	5.00
			10	1.0		
	May	m / m / /				
	1-10	269.66	101.0	99	5.14	5.00
	11-20 21-31	198.48 40.97	11	149	5.10	5.00
	21-01	40.77		49	5.00	5.00
	June		10			
	1-10	11.04	101.0		4.93	5.00
	11-20	80.32	12		4.92	5.00
	21-30	-15.25	н		4.82	5,00
			10	1.0		
	July					
	1-10	-35.78	101.0	•	4.72	5.00
	11-20	8.43			4.63	5.00
	21-31	49.68		1.0	4.59	5.00
	Aug.		10	1.0		
	1-10	-53.61	101.0		4.47	4.95
	11-20	95.77		· · · · · · · · · · · · · · · · · · ·	4.46	4,90
	21-31	9.14	Ű		4.38	4.84
			10	1.0		
	Sept.					
	1-10	78,77	101.0		4.36	4.79
	11-20	133,03	17		4.39	4.74
	21-30	218.85		· ·	4.48	4.68
	Oct.		10.	1. <u>0</u>		
	1-10	80.87	101.0		4.47	4.63
	11-20	218.41	10110		4,56	4.58
	21-31	156.99	0	50	4.56	4.52
	and the second second	· .	10:	1.0		
	Nov.				· .	
	1-10	244.15	101.0	50	4.64	4.56
	11-20	187.62	. 0	50	4.67	4.60
	21-30	131.69	· H	50	4.65	4.64
	Door		10:	1.0		
	Dec. 1-10	AA 07	101.0			
	1-10 11-20	44.07 93.57	101.0		4.61	4.68
	21-31	138.72			4.60 4.63	4.72 4.76
	~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~	a nation of all		1.0	-T & O -2	7./0
				101.0		

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				· · · · · · · · · · · · · · · · · · ·	
	Net Inflow	Discharge	Spill out	WL at end	RWL
			(cms)	(m)	(m)
1968	(cms)	(cms)	(Cm5)	1017	· (0)
Jan.					
1-10	153.56	101.0		4.67	4.80
11-20	358.54	11		4.88	4.84
21-31	243.86			5.00	4.88
Feb.		101	.0		•
reo. 1-10	108.67	101.0	50	4.97	4,92
11-20	152.70	μ.	50	4.97	4.96
21-29	100.75	13		4.97	5.00
		101	.0		
Mar. 1-10	26.87	101.0		4.91	5.00
1-10	<u>∠</u> 0.07 67.08	10,1 • 0		4.88	5.00
21-31	127.58			4.91	5.00
		101	.0		
Apr.	ه به وجمعور			4 ME	E ^^
1-10	153.06	101.0		4.95 4.94	5.00 5.00
11-20 21-30	96.91 114.74			4.96	5.00
11 00		101	.0		
May					
i-10	67.64	101.0		4.93	5.00
11-20	78.07	te . 11		4.91 4.95	5.00 5.00
21-31	147.42	101	.0	4.75	0.00
June			• -		
1-10	130.00	101.0		4.97	5.00
11-20	141.33	89 - 12		5.01	5.00
21-30	39.21		0	4.96	5.00
July		101	.0		
1-10	110.10	101.0		4.96	5.00
11-20	68.21			4.94	5.00
21-31	-9.01	u		4.84	5.00
Aug.		101	.0		
HUG. 1-10	-14.08	101.0		4.75	4.95
11-20	-22.83	11		4.66	4.90
21-31	16.61	11		4.58	4.84
		101	.0	-	
Sept. 1-10	31.77	101.0		4.53	4.79
11-20	41.51			4.48	4.74
21-30	24.42	11		4,42	4.68
		101	.0		
Oct.	116 24	101.0		4.43	4.63
1-10 11-20	115.64 89.83	101.0		4.42	4.58
21-31	211.36	11		4.52	4.52
	•	101	.0		1999 - A. S.
Nov.	BA4	a na ini		0.10	4 = 1
1-10	201.33	101.0		4.60 4.71	4.56 4.60
11-20 21-30	240.70 151.93	21	50	4.71	4.64
		101			
Dec.	•			_	_ ·
1-10	181.64	101.0	50	4.73	4.68
11-20	217.35	11	50 50	4.79 4.77	4.72 4.76
21-31	137.75			7.//	7./0
	I.	101			
		-1.97-			
		·	ана — селото на селот	the second second	

	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(CW2)	(m)	(m)
969					
Jan.	115.70	101.0		4.79	4.80
1-10		I CI I C		4.79	4.84
21-31		11		4.85	4.88
ربې د عد	1/01/0	101.	Ō		
Feb.			•		
1-10) 209.42	101.0		4.94	4.92
11-20		н.		5.02	4.96
21-28		н	24	5.00	5.00
		101.	0		
Mar.					
1-10	50.21	101.0		4.96	5.00
11-20) 75.87	н		4.94	5.00
21-31	l 145.70	B .		4.98	5.00
		101.	0		
Apr.					,
1-10		101.0		4.97	5.00
11-20		47 · ·		5.02	5.00
21-30	239.08		. 99	5.05	5.00
		101.	O		
May		101 0	~~	E 67	F 00
1-10		101.0	99	5.03	5,00
11-20	-	n	99	5.03	5.00
21-3	156.97		89	5.00	5.00
7		101.	0	4 	
June		101.0		4.95	5.00
1-10		101-0		4.94	5.00
11-20				4:89	5.00
21-30	0 47.08	101.	0	7.07	0100
July		101.			
1-10	0 ~5.91	101.0		4.81	5.00
1120		0		4.74	5.00
21-3		11		4.65	5.00
		101.	0		
Aug.				1	
1-10	49.97	101.0		4.61	4.95
11-20		Li -		4.61	4.90
21-3	1 216.06	U		4.71	4.84
	:	101.	0		
Sept.			•		
1-10		101.0		4.74	4.79
11-20		. 11		4.65	4.74
21-30	23.01	11		4.59	4.68
		101.	, O		
Oct.				.	a
1-10		101.0		4.61	4.63
11-20		11	50	4.71	4.58
21-3	1 164.03	11 1	50	4.72	4.52
	·	101.	, Q		
Nov.	5 1777 EV	101.0	EA	A 7A	1 51
1-1		101.0	50	4.74 4.74	4.56
11-2			50	4.82	4.60
21-3	255.95		50	7.04	4.64
Dee	· · · ·	101			
Dec. 1-1:	9 412.89	101.0	50	5.02	4.68
11-20		101.0	99	5.25	4.72
21-3		n	199	5.15	4.76
. 41.0		101			

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	Net Inflow	Discharge	Spill out	WL at end	RWL.
	(cms)	(cms)	(cms)	 (m)	(m)
1970				· · · .	
Jan. 1-10	242.29	101.0	149	5.15	4.80
11-20	94.81		149	5.02	4.84
21-31	129.46	" 101	99	4.96	4.88
Feb.					
1-10	101.44	101.0	50	4.92	4.92
11-20 21-28	126.81 83.56			4,94 4,93	4.95 5.00
	······	101	.0		
Mar. 1-10	28.99	101.0		4.88	5.00
11-20	125.44	10110		4.90	5.00
21-31	212.08	· n	_	4.99	5.00
Apr.		101	.0	•	
1-10	71.01	101.0		4.97	5.00
11-20 21-30	80.94 214.49	11 11		4.95 5.04	5.00 5.00
21-00	214.47		.0	0.04	0.00
May	·			E aa	- 00 ·
1-10 11-20	76.61 52.78	101.0	29	5.00 4.96	5.00 5.00
21-31	123.25	1 II.		4.98	5.00
June		101	.0		
1-10	-7.55	101.0	. ,	4.90	5.00
11-20	9.22	11		4.82	5.00
21-30	23.98		.0	4.76	5,00
July	·				
1-10 11-20	21.38 27.91	101.0		4.70 4.64	5.00 5.00
21-31	112.48	н		4.65	5.00
	. ·	101	.0		
Aug. 1-10	68.31	101.0		4.63	4.95
11-20	-38.25	12 11		4.52	4,90
21-31	68.35	101	- 0	4.49	4.84
Sept.		101	• ~	·	
1-10	131.14	101.0		4.51 4.54	4.79
11-20 21-30	138.54 96.85	н		4.54	4.74 4.68
		101	.0		
Oct. 1-10	179.79	101.0		4.60	4.63
11-20	23.06	17		4.54	4,58
21-31	49.15	" 101	0	4.50	4.52
Nov.			• ••	· · · · · · · · · · · · · · · · · · ·	
1-10	94.55	101.0 "		4.49	4.56
11-20 21-30	188.92 76.94	12		4.56	4.60 4.64
		101	.0		
Dec. 1-10	-8.25	101.0		4.46	4.68
11-20	65.44	. u . '		4.43	4.72
21-31	222.86	и 1.61		4.53	4.76
		101	101.0		
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÷						
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1971						
	Jan.	313 41	101.0		4.70	4.80
	1-10 11-20	313.41 210.37			4.79	4.84
	21-31	59.01	11		4.75	4.88
			101	.0		
	Feb.	152.69	101.0		4,79	4.92
	1-10 11-20	161.89	101.0		4.84	4.96
	21-28	111.05	н		4.84	5.00
			101	.0		
	Mar.					F 00
	1-10 11-20	57.28 252.90	101.0		4.81 4.93	5.00 5.00
	21-31	176.17			4.99	5.00
			101	.0		
	Apr.					
	1-10	78.93	101.0		4.98	5.00
	11-20 21-30	76.62 149.06			4,96 5,00	5.00 5.00
	21 00	147.00	101	.0	3.00	3.00
·.	May					
	1-10	58.92	101.0		4.96	5.00
	11-20	54.33	0. A		4.93	5.00
	21-31	44.21	101	. 0	4.88	5.00
	ปีแก่อ			•		
	1-10	4.77	101.0		4.80	5.00
	11-20	61.11	11 14		4.77	5.00
	21-30	48.28	" 101	0	4.73	5.00
	July		101			
	1-10	-7.80	101.0		4.64	5.00
	11-20	-30,78	11		4.54	5.00
	21-31	9.00	́ н 101	0	4.46	5.00
	Aug.		101	.0		
	1-10	103.83	101.0		4.46	4.95
	11-20	135.07	. D2		4.49	4.90
	21-31	48.89	n 101	0	4.44	4.84
	Sept.		101			
	1-10	173.93	101.0		4.50	4.79
	11-20	229.56	11		4.60	4.74
	21-30	-23.31	8	~	4.50	4.68
	Oct.		101	• Q		
	1-10	-44.95	101.0		4.39	4.63
	11-20	39.92	18		4.34	4.58
	21-31	89.28	11	_	4.33	4.52
	Nov	· .	101	. O	· · ·	
	Nov. 1-10	115.44	101.0		4.34	4.56
	11-20	81.01			4.33	4.60
	21-30	40.67			4.28	4.64
	-		101	.0		
	Dec. 1-10	196.64	101 0		A 74	4.68
	11-10	235.76	101.0		4.35 4.46	4.68
	21-31	83.33	n		4.44	4.76
			101	- Ò	1	

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	Net Inflow	Discharge Sp	ill out	WL at end	RWL
	(cms)		(cms)	(m)	(m)
1972	((115)	1037	(Clinb)	\m/	C147
Jan. 1-10	25.48	101.0		4.38	4.80
11-20	-5.21	11 42		4.30	4,84
21-31	9.74	101.0		4.22	4.88
Feb.				4 07	4 00
1-10 11-20	154.02 95.56	98.0 		4.27 4.26	4.92 4.96
21-29	13.21	" 98.0		4.20	5.00
Mar.		78.0	•		
1-10 11-20	1.95	98.0 "		4.13 4.18	5.00 5.00
21-31	156.86 93.48	. U .		4,17	5.00
A==		98.Ò			
Apr. 1-10	122.68	98.0		4.19	5.00
11-20 21-30	111.46 269.41	11 11		4.20 4.34	5.00 5.00
	20/-11	98.0		1.01	0,00
May 1-10	149.30	98.0		4.38	5.00
11-20	203.68	н.		4.46	5.00
21-31	191.17	" 98.0		4.54	5.00
June					· ·
1-10 11-20	72.42 95.59	101.0		4.52 4.51	5.00 5.00
21-30	16.30			4.45	5.00
July		101.0			
1-10	-30.11	101.0		4.34	5.00
11-20 21-31	-10.90 -32.39			4.26	5.00 5.00
		101.0			
Aug. 1-10	-51.98	98.Ŭ		4.02	4.95
11-20	5.27	" 95.0		3.95 4.01	4.90 4.84
21-31	163.07	93.0		4.01	4.04
Sept. 1-10	139.93	95.0		4.04	4.79
11-20	26.94	¥1		3.99	4.74
21-30	100.54	" 95.0		3.99	4.68
Oct.					
1-10 11-20	130.33 79.31	95.0	<u>.</u>	4.02 4.01	4.63 4.58
21-31	213.40	n mm -		4.11	4.52
Nov.	. *	95.0			
1-10	243.89	95.0		4.23	4.56
11-20 21-30	297.02 217.28			4.39 4.48	4.60 4.64
	•	96.0			
Dec. 1-10	16.73	98.0		4.42	4.68
11~20	64.60	0 11		4.39	4.72
21-31	233.92	98.0	. · · · ·	4.51	4.76
		-I.101-	0		
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		n t 1	·		51.0
	Net Inflow	Discharge	Spill out	WL at end	RWL
1973	(cms)	(cms)	(cms)	(m)	(m)
Jan.					•
1-10	115.67	101.0		4.52	4.80
11-20 21-31	46.50 72.52	11		4.48 4.45	4.84 4.88
		101	.0		
Feb. 1-10	0.20	101.0		4.37	4.92
11-20	45.95	U		4.33	4.96
21-28	97,82	" 101	0	4.33	5.00
Mar.		101			
1-10	126.26	101.0		4.35	5.00
11-20 21-31	99.63 254.62	0 11		4.35 4.48	5.00 5.00
24 01	204,02	101	.0		5.00
Apr.				4 57	E 00
1-10 11-20	166.40 178.14	101.0		4.53 4.59	5.00 5.00
21-30	134.76			4.62	5.00
May		101	. O		
1-10	52.61	101.0		4.58	5.00
11-20	140.93	н. Н		4.61	5.00
21-31	115.77	101	.0	4.63	5.00
June					
1-10 11-20	223.84 14.73	101.0		4.72 4.65	5.00 5.00
21~30	~6.35	н		4.57	5.00
		101	• O = 1		:
July 1-10	-27.02	101.0		4.47	5.00
11-20	-47.57	11		4.35	5.00
21-31	136.02	и 101	.0	4.38	5.00
Aug.		7.7.7	• • •• •		
1-10	94.89	101.0		4.38	4.95
11-20 21-31	13.07 37.47			4.31 4.25	4.90 4.84
		101	.0		
Sept. 1-10	97.87	101.0		4.25	4.79
11-20	100.04	. N		4.25	4.74
21-30	22.02	u 101	О	4.19	4.68
Oct.		101			,
1-10	33.81	98.0		4.14	4.63
11-20 21-31	157.22 232.91	11 11		4.18 4.30	4.58 4.52
	L-L. / 1	98	1.0		, a casa
No∨. 1−10	55.45	78. 0		A	1 =/
11-10	-38.72	. #		4.27 4.16	4.56 4.60
21-30	245.74	1)		4.28	4.64
Dec.		98	8.0		
1-10	309.38	98.0	•	4.44	4.68
11-20	258.75	101.0		4.57	4.72
21-31	187.67	101.0 99	2.1	4.64	4.76
			100.3		
		-1.102-	· · · · · ·		
·					

1974 Jan. 1-10 11-20 21-31 Feb. 1-10 11-20 21-28	-0.82	Discharge (cms) 101.0	Spill out (cms)	WL at end (m)	RWL.
Jan. 1-10 11-20 21-31 Feb. 1-10 11-20	(cms) 122.81 -0.82	(cms) 101.0	and and una arts use bild any own and and any test		·
Jan. 1-10 11-20 21-31 Feb. 1-10 11-20	122.81	101.0	(cms)	(m)	(m)
Jan. 1-10 11-20 21-31 Feb. 1-10 11-20	-0.82				
1-10 11-20 21-31 Feb. 1-10 11-20	-0.82				
11-20 21-31 Feb. 1-10 11-20	-0.82			4.66	4.80
21-31 Feb. 1-10 11-20				4.58	4.84
Feb. 1-10 11-20		11		4.62	4.88
1-10 11-20		10	1.0		
11-20					4 00
		101.0		4.65	4.92
21-28				4.77	4:96
	109.98		1.0	4.77	5.00
Mar.		10	1.0		
1-10	95.70	101.0	•	4.77	5.00
11-20		101.0		4.75	5,00
21-31		. 11		4.71	5.00
		10	1.0		
Apr.					
1-10		101.0		4.76	5.00
11-20				4.74	5.00
21-30	23.45	81		4.68	5.00
M		10	1.0		
May 1-10	160.77	101.0		4.73	5,00
11-10		101.0		4.75	5.00
21-31		11		4.74	5.00
21 0.		10	1.0		
June					
1-10	-8.57	101.0		4.66	5.00
11-20		12		4.63	5.00
21-30	223.31			4.72	5.00
71		10	1.0		
July - 1-10	54.70	101.0		4.68	5.00
11-20				4.71	5.00
21-31		н с		4.70	5.00
		10	1.0		
Aug.	· .				
1-10		101.0		4.64	4.95
11-20		11		4.53	4.90
21-31	-16.29		1 0	4.43	4.84
Sept:		10	1.0		
sept. 1-10	164.24	101.0		4.48	4.79
11-20				4.50	4.74
21-30				4.61	4.68
		10	1.0		·
Oct.					
1-10		101.0		4.61	4.63
11-20		11		4.51	4.58
21-31	4.48		1.0	4.42	4.52
Nov.		10	1.0		
i-10	-19.73	101.0		4.32	4.56
11-20		101.0		4.36	4.60
21-30		11		4.38	4.64
		10	110		
Dec.	•				
1-10		101.0		4.50	4.68
11-20		41 		4.55	4.72
21-31	208.58		1.0	4.65	4.76

-I.103-

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	· · · · · · ·		·		
	Net Inflow	Discharge	Spill out	WL at end	RWL
1975	(cms)	(cms)	(cms)	(m)	(m)
Jan.					
1-10	152.08	101.0		4.69	4.80
11-20 21-31	-7.92 20.12			4.60 4.53	4.84 4.88
		101	.0		
Feb. 1-10	21.36	101.0		4.47	4,92
11-20	23.74	0		4.41	4.96
21-28	112.09	11		4.41	5.00
Mar.		101	.0		
1-10	199.69	101.0		4.49	5.00
11-20	121.93	11		4.51	5.00
- 21-31	84.80	101	.0	4.49	5.00
Apr.					- ••
1-10 11-20	163.71 154.75	101.0		4.54 4.59	5.00 5.00
21-30	327.42	н		4.76	5.00
bd		101	.0		
May 1-10	-6,64	101.0		4.68	5.00
11-20	3.00	63 .		4.60	5.00
21-31	32.19	" . 101	0	4.54	5.00
June		101	.0		
1-10	34,62	101.0		4.49	5.00
11-20 21-30	-10.85 -6.17	11 11		4.40 4.32	5.00 5.00
21 00	0.17	101	.0	4.01	0.00
July		101.0		4 0 4	F 00
1-10 11-20	2.28 183.62	101.0 98.0		4.24 4.31	5.00 5.00
21-31	61.13			4.28	5.00
Aug.		99	.0		
1-10	-51.50	78. 0		4.16	4.95
11-20	-31.54	н		4.06	4.90
21-31	-3.59		. 0	3.97	4.84
Sept.		,0	•••		
1-10	78.11	95.0 "		3.96	4.79
11-20 21-30	66.45 125.07			3.93 3.96	4.74 4.68
		95	.0		
Oct. 1-10	43.18	95.0		3.92	4.63
11-20	2.37	11		3.84	4.58
21-31	38.05	" 0°	0	3.79	4,52
Nov.		95	••		
1-10	-3.10	95.0		3.72	4.56
11-20 21-30	74.70 193.47	92.0		3.70 3.78	4.60 4.64
₹1-90	110171	93	.0	0.70	7 • O7
Dec.				- -	·
1-10 11-20	81.23 105.22	92.0	· .	3,78 3,79	4.68 4.72
21-31	114.75	11		3.81	4.76
		92			. *
		-1.104-	98.1		

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		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1976	Jan.					
	1-10	15.34	92.0		3.75	4.80
	11-20 21-31	185.27 19.71	13 - 11		3.82 3.76	4.84 4.88
	10 1.2	· · · · ·	92	.0		
	Feb. 1-10	172.11	92.0		3.82	4.92
	11-20	32,80	и.		3.77	4.96
	21-29	40.03	" 92	.0	3.74	5.00
	Mar.				-	F 00
	1-10 11-20	149.51 74.31	92.0		3.78 3.77	5.00 5.00
	21-31	124.32	Z1	_	3.79	5.00
	Apr.		92	.0		
	1-10	184.35	92.0		3.87	5.00
	11-20 21-30	192.47 157.69			3.95 4.00	5.00 5.00
			92	.0		
•	May 1-10	78.50	92.0		3.99	5.00
	11-20	146.35	H s		4.03	5.00
	21-31	20.99	95.0 93	. 1	3.97	5.00
	June				4.04	5,00
	1-10 11-20	194.93 41.35	95.0		4.00	5.00
	21-30	-2.25		~	3.93	5.00
	July			.0		
	1-10	72.68	95.0		3.91 3.87	5.00 5.00
	11-20 21-31	45.77 -13.19	18		3.87	5.00
	· · · · ·	· :	95	.0		
	Aug. 1-10	-28.82	95.0		3.48	4.95
	11-20	83.60	92.0		3.67 3.68	4.90 4.84
	21-31	78.68	93	.0	0.00	
	Sept. i~i0	-7.46	92.0		3.60	4.79
	i1-20	-0.06	If		3.53	4.74
	21-30	100.19	97	.0	3.53	4.68
	Oct.					a
	1-10 11-20	116.89 134.89	92.0		3.55 3.59	4.63 4.58
	21-31	85.14	H		3.58	4.52
	Nov.		92	.0		
	1-10	315.39	92.0		3.76	4.56
	11-20 21-30	191.46 155.21	n 11		3.84 3.88	4.60 4.64
	21.00	100.21	92			
	Dec. 1-10	90.13	92.0		3.88	4.68
	11-20	214.86	It		3.98	4.72
	21-31	295.19	" 92		4.16	4.76
			/1	92.7		
	• •		-I.105-			

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:						
			. · · ·			
		Net Inflow	Discharge	Spill out	WL at end	FWL
		(cms)	(cms)	(cms)	(m)	(m)
1977						•
Jan.	1-10	156.60	95.0		4.20	4.80
	11-20	74.21	11		4.19	4.84
	21-31	126.64	n		4.21	4.88
			· (75.0		
Feb.	i-10	113.26	95.0		4.23	4.92
	11-20	76.28	1.		4.21	4.96
	21-28	79.91	11		4.20	5.00
			•	75.0		
Mar.		74 75			4,19	5.00
	1-10 11-20	74.75 120.85	95.Ŭ		4.17	5.00
· .	21~31	35.17	0		4.16	5.00
				75.0		
Apr.					~ • •	P1
	1-10	34.94	95.0	·	4.11 4.12	5.00 5.00
	11-20 21-30	110.53 192.10	44 		4.12	5.00
•	~ * ~~	· · · · · · · · · · · · · · · · · · ·		75.0		
May						
	1-10	40.87	95.0 "		4.16	5.00
	11-20 21-31	79.72 18.44			4.14 4.08	5.00 5.00
	21-51	10.44		95.0	4.00	0.00
June	<u>،</u> و					
	1-10	124.57	95.0		4.10	5.00
	11-20	17.40			4.04	5.00
	21-30	-26.50		95.0	3.95	5,00
July	,			/3:0		
,	1~10	161.34	95.0		4.00	5.00
	11-20	-112 24	16		3.84	5.00
	21-31	-102.34	D	95.0	3.67	5.00
Aug.				73.0		
	1-10	2.23	92.0		3.59	4.95
	11-20	39.28			3.55	4.90
	21-31	88,18	14	92.0	3.55	4.84
Sept				72.0		
0240	1-10	-67.94	92.0		3.42	4.79
	11-20	-23.13	86.0		3.34	4.74
	21-30	131.62	11		3.37	4.68
Oct.				88.0		
υ	1-10	299.46	86.0		3.54	4.63
	11-20	256.80	tr .		3.68	4.58
	21-31	209.82	,u		3.78	4.52
. · ·			·	86.0		
Nov.	1-10	241.11	92.0		3.90	4.56
•	11-20	209.15	12.10		3.99	4.60
	21-30	245.86	0		4.11	4.64
				92.0		
Dec.		970 04	95.0		4.23	4.68
	1-10 11-20	238,81 179,31	42.0 ·		4.23	4.68
	21-31	93.73	98,0	and the second	4.29	4.76
		, ,		96.1		
				93.2		
			-1.10	6		

		· .			· · · ·
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1978 Jan.					
1-10	44.69	98.0		4.25	4.80
i 1-20	82.44	Li .		4.23	4.84
21-31	45.07	и 		4.19	4.88
Feb.		98	.0		
reu. 1-10	8,24	98.Ŭ		4.12	4.92
11-20	161.83	, н .		4.17	4.96
21-28	36.85	"		4.13	5.00
bd		78	0		
Mar. 1-10	72.33	78.0		4.11	5.00
11-20	71.01	0		4.09	5.00
21-31	84.64			4.0B	5.00
A		98	.0		
Apr. 1-10	83.31	78. 0		4.07	5.00
11-20	173.89	11		4.13	5.00
21-30	180,42	11		4.19	5.00
		98	L O		
May 1−10	129.95	78. 0	·	4.22	5.00
11-20	-10.15	,0,0		4.13	5.00
21-31	28.05	17		4,07	5,00
		98	.0		
June		78.0		4.04	5.00
1-10 11-20	58.66 -76.22	70.0		3.90	5.00
21~30	-44.97	95.0		3.79	5.00
		97	. 0		
July				7 77	E 00
1-10	14.93 24.83	95.0 92.0		3.73 3.68	5.00 5.00
11-20 21-31	-6,54	72.0		3.59	5.00
		93	5. O		
Aug.				7 0/	4,95
1-10	-72,08	92.0 86.0		3.46 3.40	4,90
11-20 21-31	0.90 14.91	00.0		3.33	4.84
		87	' .9		
Sept.			÷	4	4 70
1-10	87,62	86.0		3.34 3.25	4.79 4.74
11-20 21-30	-29.16 6.12	80.0		3.19	4.68
21-00	U , 1A		. .0		
Oct.					
1-10	-47.38	80.0		3.09	4.63 4.58
11-20	65.56 231.88			3.08 3.21	4,38
21-31	,z->1 • OO		.0		
Nov.			1997 - 1997 -		· · ·
1-10	231.06	80.0		3.33	4.56
11-20	107.40	n 13		3.35 3.34	4.60 4.64
21-30	69.14		.0	0404	-1207
Dec.	•				
1-10	133.87	80.0		3.38	4.68
11-20	83.12	**		3,38	4:72
21-31	108.93	и 	N 0	3.41	4.76
		. 80).0 90.9		
		-1.107-			
		-1.10/-			
				the second s	the transformer of the second

(cms) 141.90 53.94 28.71 -4.59 148.39 60.71 -15.82 110.40 64.83 76.41 78.39 169.89	(cms) 80.0 " 80.0 " " "	(cms) 80.0 80.0	(m) 3.46 3.44 3.39 3.33 3.38 3.37 3.29 3.29 3.32	(m) 4.80 4.84 4.88 4.92 4.96 5.00 5.00
53.94 28.71 -4.59 148.39 60.71 -15.82 110.40 64.83 76.41 78.39	80.0 80.0	80.0	3.44 3.39 3.33 3.38 3.37 3.29 3.32	4.84 4.88 4.92 4.96 5.00
53.94 28.71 -4.59 148.39 60.71 -15.82 110.40 64.83 76.41 78.39	80.0 80.0	80.0	3.44 3.39 3.33 3.38 3.37 3.29 3.32	4.84 4.88 4.92 4.96 5.00
53.94 28.71 -4.59 148.39 60.71 -15.82 110.40 64.83 76.41 78.39	80.0 80.0	80.0	3.44 3.39 3.33 3.38 3.37 3.29 3.32	4.84 4.88 4.92 4.96 5.00
28.71 -4.59 148.39 60.71 -15.82 110.40 64.83 76.41 78.39	80.0 " 80.0	80.0	3.39 3.33 3.38 3.37 3.29 3.32	4.88 4.92 4.96 5.00
-4.59 148.39 60.71 -15.82 110.40 64.83 76.41 78.39	о. И 80.0 И	80.0	3.33 3.38 3.37 3.29 3.32	4.92 4.96 5.00
148.39 60.71 -15.82 110.40 64.83 76.41 78.39	о. И 80.0 И		3.38 3.37 3.29 3.32	4.96 5.00
148.39 60.71 -15.82 110.40 64.83 76.41 78.39	о. И 80.0 И		3.38 3.37 3.29 3.32	4.96 5.00
60.71 -15.82 110.40 64.83 76.41 78.39	80.0 "		3.37 3.29 3.32	5.00 5.00
-15.82 110.40 64.83 76.41 78.39	80.0 "		3.29 3.32	5.00
110.40 64.83 76.41 78.39			3.32	
110.40 64.83 76.41 78.39		P O 0	3.32	
110.40 64.83 76.41 78.39		80.0	3.32	
64.83 76.41 78.39		80.0		5.00
76.41 78.39		00.0		
78.39			3.30	5.00
78.39		80.0		
78.39	80.0		3,30	5.00
	n 0010		3.30	5.00
	11		3.37	5,00
		80.0		D1 00
		·		
29.01	80.0		3.33	5.00
-52.89	B2 -		3.23	5.00
24.43	· •		3.18	5.00
		80.0		
·			•	
187.42	80.0		3.26	5.00
<u>66,87</u>	N 11		3.25	5.00
24.55	••	00.0	3.21	5.00
		80.0		
-67.72	80.0		3.09	5.00
46.40			3.07	5.00
39.08	U		3.03	5.00
1		80.0	0.00	5.00
		00.0		
-56.67	80.0		2.93	4.95
28.21	11		2.88	4.90
63.27	5 R		2.87	4.84
		80.0		
182.17	80.0		2,95	4.79
127.81			2.99	4.74
-79.66	н		2.86	4.68
		80.0		
31.09	80.0		2.82	4.63
97.67	11 11		2.84	4.58
167.81		00.0	2.92	4.52
		80.0		
153.07	80.0		2.97	4.56
333.13	80.0		3.17	4.58
216.59	11		3.28	4.60
		80.0	·	7.04 . :
209.72	80.0	4	3.38	4.68
123.49				4.72
	н		3.37	4.76
31.41		80.0	· · ·	
31.41		80.0		
31.41	-T.IO	8-		
31.41	1.10	~		
31.41				·····
		123.49 " 31.41 "	123.49 " 31.41 " 80.0	123.49 " 3.42 31.41 " 3.37 80.0 80.0

. . .

		:			
	Net Inflow	Discharge	Spill out	WL at end	RWL
				(m)	(m)
1980	(cms)	(ດູສູຣ)	(cms)	X117	(107
Jan.		· ·		· A	
1-10	58.11	80.0		3.36	4.80 4.84
11-20	27.96 82.26	+1		3.32 3.32	4.88
21-31	04.40	80	νŌ		
Feb.		•			4 00
1-10	1.32	80.0		3.26 3.25	4.92 4.96
11-20 21-29	75.45	н		3.34	5.00
21-27	201.11	80	.0		
Mar.					
1-10	177.88	80.0		3.43 3.51	5.00 5.00
11-20 21-31	180.57 156.57			3.58	5.00
. 21-31	10010/	80	.0		
Apr.					
1-10	-22.52	80.0		3.50 3.53	5.00 5.00
11-20 21-30	118,15 79,07	11		3.53	5.00
21-30	///	80	.0		
Nay	:				
1-10	171.59	80.0		3.60 3.62	5.00 5.00
11-20 21-31	108.92 38.78	0		3.58	5.00
21-01	00.70	80	. 0		
June					· · •
1-10	96.91	80.0		3,60	5.00
11-20	-47.68 -18.06			3.50 3.42	5.00 5.00
21-30	-10.00	80	.0		
July		· .			
1-10	-11.29	80.0		3.35 3.27	5.00 5.00
11-20 21-31	-14,86 3,67	 N		3.21	5.00
10-12	0.07	80	.0		
Aug.	:				·
1-10	126.31	80.0	·	3.24 3.19	4.95 4.90
. 11-20 . 21-31	11,98 -18,90			3.10	4.84
· *7_7F	10.70	80	.0		
Sept.					a 70
1-10	-7.16	80.0		3.04 2.97	4.79 4.74
11-20 21-30	2.19 54.19			2.95	4.68
£1.0V		80	0.0	-	
Oct.				~ • • •	A 67
1-10	92.62 45.02	80.0		2.96 2.94	4.63 4.58
11-20 21-31	14.93	**		2.88	4.52
		80	.0		
Nov.				3 60	4.56
i-10 11-70	82.68 197.23	80.0		2.88 2.98	4.58
11-20 21-30	248.93	II.		3.11	4.64
		80	0.0	·	
Dec.	·				A 40
1-10	78,40	80.0		3.11 4.3.15	4.68 4.72
11-20 21-31	129.12	11		3.19	4.76
21-01	1 ···) 1 = / ··7	80	0.0	•	
			80.0		

....

					(I) who would	DUI
		Net Inflow	Discharg	e Spill out	WL at end	RWL
1981		(cms)	(cms)	(cms)	(m)	(m)
	а п.					
	1-10	176.81	80.0		3.27 3.24	4.80 4.84
	11-20 21-31	48.72	. 11		3.24	4.88
-	•		:	B0.0	·	
F	≥b. i−i0	62.50	80.0		3.19	4.92
	11-20	101.85	н.		3.21	4.96
	21-28	190.98	11	-	3.28	5.00
м	λ Γ .			80.0		
FU	1-10	27.12	80.0		3.24	5.00
	11-20	-4.23	11		3.17	5.00
• •	21-31	8.50		80.0	3.11	5.00
A	or .					
•	1-10 ·	224.95	80.0		3.23	5.00 5.00
	11~20 21-30	59.37 71.70			3.21	5.00
	21 00	/ 1 4 / 2		80.0		
M	ay	747 40	6 0 0		7 70	R 00
	1-10 11-20	313.48 109.91	80.0		3.39 3.41	5.00 5.00
	21-31	159.09	11		3.48	5.00
				80.0		
յլ	ine 1-10	124.46	80.0		3.51	5.00
	11-20	-91.56	: n		3.38	5.00
	21-30	-34.00	H	00.0	3.29	5.00
л.	aly			80.0		
	1-10	2.40	80.0	,	3.23	5.00
	11-20	2.71	11		3.17 3.07	5.00 5.00
	21-31	-28.61	•	80.0	0.07	0.00
A	1 G •					
	1-10	-91.91 -56.41	80.0		2.94 2.83	4.95 4.90
	11-20 21-31	90.30	11		2,84	4.84
				80.Ŭ	· · · ·	
S	ept. i~i0	121.52	80.0		2.87	4.79
	11-20	131.01	н »		2,91	4.74
	21-30	-36.45	11	.	2.82	4.68
Д	t.			80.0		
0	1-10	62.47	80.0		2.81	4.63
	11-20	42.44	11 11		2,78	4.58
	21-31	208.54		80.0	2,89	4.52
N	ov.					
	1-10	12.55 19.56	80.0		2.84 2.79	4.56 4.60
	11-20 21-30	21.92	н		2.74	4.64
				80.0		
D	≅⊂. 1-10	36.85	80.0		2.71	4.68
	1-10 11-20	17,98	80.0		2.66	4.68
	21-31	27,78	11	: · · ·	2.61	4.76
				80.0		
					· · · · · · · · · · · · · · · · · · ·	
			-1,110			

		٠.	. *		
				· · · ·	
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1982					
Jan. 1-10	15.89	80.0		2.56	4.80
11-20	-21.37	н		2.48	4.84
21-31	29.20	"	× 2	2.44	4.88
Feb.		24	0.0		
1-10	241.79	80.0		2.57	4.92
11-20	14.11	11 12		2.52 2.53	4.96 5.00
21-28	102.90		0.0	2.00	J. 00
Mar .					
1-10	115.01	80.0		2.56	5.00
11-20	130.16	11 11		2.60 2.75	5.00 5.00
21-31	258.00		0.0	1.,0	0
Apr.				~ ~ ~	= ^^
1-10	198.92	80.0		2.84 3.08	5.00 5.00
11-20 21-30	381.24 232.70	11		3.20	5.00
21 00		8	0.0		
May		00.0		3.33	5.00
1-10 11-20	249.51 275.24	80.0		3.49	5.00
21-31	172.00	ł1 .		3.57	5.00
		8	0.0		
June 1-10	17.66	80.0	· -	3,52	5.00
11-10	77.07	11		3.52	5.00
21-30	-1.44	· 11		3,45	5,00
7		8	0.0		
Jul y 1-10	15.39	80.0		3,40	5.00
11-20	-45,28	17		3.30	5.00
21-31	49.99		0.0	3.28	5.00
Aug.		. ·	0.0		
1-10	-0.91	80.0		3.21	4,95
11-20	37.25	21 11		3.18	4.90 4.84
21-31	56.59		0.0	0.10	1101
Sept.		U			
1-10	13.33	80.Ú		3.11 3.12	4.79 4.74
11-20	99.82			3.12	4.74
21-30	* 1 / # / /	8	0.0		
Oct.	<u> </u>			7 10	4.63
1-10	122.91 161.44	80.0		3.19 3.25	4.63 4.58
11-20 21-31	130.23	н.		3.30	4.52
	~ ~ ~	8	0.0		
Nov.	1/1 77	80.0		3.36	4.56
1-10 11-20	161.27 173.14	80.0		3.43	4,60
21-30	53.40	. "	· · · ·	3.41	4.64
	•	E	0.0	· · · · ·	
Dec. 1-10	104.22	80.0		3.43	4.68
11-20	33.25	11		3.39	4.72
21-31	112.41	"	a	3.42	4.76
	н н н	- E	8010 8010		
		-1.111			
					. <u>.</u> .
					-

		(cms)	(ເທຣ)	(cms)	(m)	(m)
1983						
	Jan.		•			
	1-10	136.99	80.0		3.47	4.80
	11-20	27.72	n		3.43	4.84
	21-31	-1.47	13		3.35	4.88
				80.0		
	Feb.					
	1-10	-9.84	80.0		3.28	4.92
	11-20	20.10	и.		3.24	4.96
	21-28	51.75	11		3.22	5.00
				80.0		
	Mar.					
	1-10	34.09	80.0		3.18	5.00
	11-20	197.34			3.28	5.00
	21-31	13.54			3.22	5.00
				80.0		
	Apr.	10 70	00.0		₩ ¥/	5 00
	1-10	10.38	80.0		3,16	5.00
	11-20	12.07	11		3.11 3.12	5.00 5.00
	21-30	90,68		00.0	0.12	0.00
	M			80.0		
	May	100.71	80.0		3.13	5.00
	1-10	100.71	80.0 "		3.15	5.00
	11-20	102.32			3.13	5.00
	21-31	52.52		80.0	0.10	0.00
	Turner			80.0		
	June 1-10	28.70	80.0		3.09	5.00
	11-20	42.65	в О.О н	:	3.04	5.00
	21-30	-55.51			2.95	5.00
	21 00	1.21.7 # 19.7		80.0	21/0	0.00
	July			00.0		
	1-10	32.00	80.0		2.91	5.00
	11-20	32.70	1.		2.88	5.00
	21-31	48.14			2.85	5.00
	<u></u> 01			80.0	#• CQ	
	Aug.				:	
	1-10	23,40	80.0		2.81	4.95
	11-20	-14.57	D		2.73	4.90
	21-31	39.13	н		2.70	4.84
				80.0	1997 - E. 1997 -	
	Sept.					
	1-10	186.74	80.0		2,78	4.79
	11-20	149.09	11		2.83	4.74
	21-30	75.79			2.83	4.68
				80.0		
	Oct.					
	1-10	66,39	80.0		2.82	4,63
	11-20	256.64			2.96	4.58
	21-31	125.40	11		3.00	4.52
	н. Алтана (1996)			80.0		
	Nov.					
	1-10	17.50	80.0		2.95	4.56
	11-20	-43.18	u		2.85	4.60
1	21-30	183.30	. "		2.93	4.64
				80.0		
	Dec.					
	1-10	196.83	80.0		3.03	4.68
	11-20	285.13	<u>, 0</u>		3.19	4.72
	21-31	74.68		to and a second s	3.18	4.76
				80.0		
				80.0		
			-I.11:	2-		
		· · · ·				

	Net Inflow	Discharge	Spill out	WL at end	RWL
	(ເກຣ)	(cms)	(cms)	(m)	(m)
1984					
Jan. 1–10	72.46	80.0		3.18	4,80
11-20	317.39	11		3,36	4.84
21-31	391.93	" 80	. 0	3.63	4.88
Feb.			• •		
1-10	160.47	80.0		3.70	4.92
11-20 21-29	160.22 218.46	92.0		3.76 3.85	4.96 5.00
21-27	210.40	83	.7		
Mar.	440 04	65 A		3 OL	5 00
1-10 ° 11-20	110.41 143.74	92.0 "		3.86 3.90	5.00 5.00
21-31	256.29	u		4.04	5.00
_		92	.0		
Apr. 1-10	149.99	95.0		4.09	5.00
11-20	137.07	11		4.12	5.00
21-30	104.19		<u> </u>	4.13	5.00
May		95	.0		
1-10	361.35	95.Ŏ		4.34	5.00
11-20	198.86	98.Ŭ		4.42	5.00
21-31	133.20	" 97	0	4.45	5.00
June					
1-10	70.45	98.0		4.44	5.00
11-20 21-70	27.69 -7.43	11 11		4.39 4.31	5.00 5.00
21-30	-7.4.3	98	.0	4.01	0.00
July					-
1-10	42,59	98.0 "		4.26 4.26	5.00 5.00
11-20 21-31	94.34 67.13			4.23	5.00
		78	.0		
Aug.	97 Q4	78.Ó	1	4.18	4.95
1-10 11-20	23.96 ~55.02	70.U		4.06	4,90
21-31	14.09			3.98	4.84
		98	.0		
Sept. 1-10	-19.51	95.0		3,87	4.79
11-20	93,90	11		3.89	4,74
21-30	42.73	II OF	<u>^</u>	3.85	4.68
Oct.	,	95	• •		
1-10	5.10	95.Q		3.78	4.63
11-20	68,26 75 47	н 13		3.76 3.71	4.58 4.52
21-31	35.63		.0		شدل ∎ ד
Nov.				·	
1-10	118.61	92.0		3,73 3,76	4.56 4.60
11-20 21-30	130.57 227.97	11		3.87	4.80
	-	92	.0		
Dec.				3.72	4.68
1-10 11-20	165.23 89.48	92.0		3.7∠ 13.92	4.88
21-31	79.07	u	۰ .	3.91	4.76
		92			
			93.0	÷	
		-1.113-			

		Net Inflow	Discharge	Spill out	WL at end	RWL
1005		(cms)	(cms)	(cms)	(m)	(m)
1985						
	Jan.					
	1-10	197.65	92.0		3.99	4.80
	11-20	20.45	н		3.94	4.84
	21-31	107.78	н		3.95	4.88
			92.	.0		

Discharge Duration for Power Generation

Discharge m ³ /s	Days	<u> </u>	Accumulated &
101.0	6670	42.38	42.38
98. 0	2651	16.84	59.23
95.0	2262	14.37	73,60
92.0	1728	10,98	84.58
86.0	448	2.85	87.43
80.0	1979	12.57	100.00
0.0	0	0.00	100.00

1573B

	Aug. thru Feb. & lower than WL905.0m	during flood above WL905.0m	Total
Spill out	27,637 (cms-day)	61,555 (cms-day)	87,192 (cms-day)

Average

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95.58 (cms)

Table I - 5

FLOOD CONTROL OPERATION

ON

1930/31 FLOOD

-1.115-

230 ' Operation of Lake Toba 231 1 232 IF YR=1931 THEN THEN R=101:SP=200-R:GOTO 250 IF WL>≂S 235 IF WL>=5.5 THEN R=101:SP=400-R 240 IF WEK 5.5 THEN R=101: SF=300-R 244 IF WLK 5.2 THEN SP=250-R SF=200-R THEN 246 IF WL< 5.1 THEN 250 IF WLK 5 IF WL>RWL+.2 THEN SP=75 ELSE THEN SP=50 ELSE SP=0 IF WL>RWL THEN SP=0 260 IF WL<=4.52 261 262 IF 0=101 THEN IF WL<4.25 THEN R= 98 ELSE R=101 270 IF Q= 86 THEN IF WL<3.25 THEN R= 80 ELSE IF WL>3.75 THEN R= 92 ELSE R= 86 274 IF Q= 80 THEN IF WL<2.4 THEN R= 0 ELSE IF WL>3.75 THEN R= 92 ELSE R= 80 THEN IF WL>2.4 THEN R= 80 ELSE R= Ő 276 IF Q= 0 285 RETURN 299 '

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•					
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1930 Sept. 30				904.68	4 4 17
Oct.				704.08	4.68
1-10 11-20	165.76 263.91	101.0	50	4.69	4.63
21~31	381.42	н	50 75	4.78 4.96	4.58 4.52
		101.	0		
Nov. 1-10	113.14	101.0	75	4.91	4.56
11-20	390.28	н	75	5.08	4.60
21-30	645.46	n 101		5.43 g	4.64
Dec.		101.		5.23 d 5.19 d	
1~10	52.68	101.0	199	5.23 8	4.68
11-20 21-31	242.35 428.60	11	199 149		4.72 4.76
		101.		5.34 X IT PRO	
1931 Jan.					
1-10	240,89	101.0	199	5.29	4.80
11-20	468.92		199	5.43 8 5.50 8	4.84
21-31	-379,28	. 101.	199 [°]	5.50 H	4.88
Feb.					• •
1-10 11-20	-26.04 105.91	101.0	199 199	5.24	4.92 4.96
21-28	33.02		69	5.00	5.00
Mar.		101.	Ō		
1-10	69.85	101.0		4.98	5,00
11-20	170.90	* n n		5.03	5.00
21-31	132.05		0	5.00	5.00
Apr.	• .				
1-10 11-20	147.87 119.61	101.0	49 19	5.00 5.00	5.00 5.00
21-30	438.16	41	99	5.19	5.00
Max		101.	Ó		
May 1-10	58,82	101.0	149	5.04	5.00
11-20	152.07	0	99	5.00	5.00
21-31	172.09		69	5.00	5.00
June			~		
1-10 11-20	26.75	. 101.0		4,94	5:00
21-30	28.29 -15.51			4.89 4.80	5.00 5.00
		101.	0		
July . 1-10	-0.15	101.0		4.72	5.00
11-20	484.65	 		5.02	5.00
21-31	128,58	. 101.)	44	5.00	5.00
Aug.		101-1			
1-10	23.79	101.0		4.94	4.95
11-20 21-31	-77.74 -35.13	11 41 . (4.80 4.68	4,90 4.84
		101.0	0		
Sept. 1-10	334.30	101.0		4.87	4.79
11-10	412.96	10110	50	4.87 5.07	4.74 4.74
21-30	-137.79	, н — — — — — — — — — — — — — — — — — — —	99	4.81	4.68
		101.0	ر ۱		
		-1.117-			

	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL.	RWL
_	(ເສຣ)	 (m)	(cms)	(cms)	(cms)	(m)	(m)
1930							
Sept.	30					904.680	904.680
Oct.						سنرب و	a ,
1	60.7	4.67	60.70	101	20	4.675	4.675
2	61.0	4.67	61.00	101	25	4.670	4.670
3	61.2	4.67	188.51	101	50	4.673	4,665
4	63.0	4.68	-64.31	101		4.660	4.660
5	61.3	4.67	61.30	101	25	4.655	4.655
6	61.1	4.67	443.04	101	50	4.678	4.650
7	63.0	4.70	954.21	101	50	4.741	4.645
8	68.0	4.77	68.00	101	50	4.735	4.640
9	71.5	4.77	-55.82	101	50	4.718	4.635
10	68.3	4.76	-59.01	101	50	4.702	4.630
			165.70	5			•
11	66.5	4.75	-60.81	101	50	4.685	4.625
12	65.7	4.74	574.95	101	50	4.718	4.620
13	67.0	4.78	196.32	101	50	4.722	4.615
14	71.6	4.79	-55.72	101	50	4,706	4.610
15	67.1	4.78	705.68	101	50	4,749	4.605
16	72.6	4.83	1218.44	101	50	4.833	4.600
17	80.2	4.92	-47.12	101	75	4.816	4.595
18	80.0	4.91	-47.31	101	75	4.798	4.590
19	77.7	4.90	-49.61	101	75	4.780	4.585
20	77.0	4.89	204.31	101	75	4.783	4.580
			263,9	1			
21	77.6	4.90	332.23	101	75	4,795	4.575
22	79.3	4.92	333.93	101	75	4.807	4.570
23	80.2	4.94	1098.72	101	75	4.880	4,565
24	87.6	5.02	214.91	101	75	4.883	4,560
25	92.9	5.03	92.90	101	75	4.876	4.555
26	87.5	5.03	1487.97	101	75	4.979	4.550
27	96.8	5.14	478.74	101	75	5.003	4.545
28	105.0	5.17	105.00	101	9 9	4.996	4.540
29	109.0	5.17	-18.32	101	75	4.980	4.535
30	99.9	5.16	99.90	101	75	4.974	4,530
31	97.0	5.16	-30.31	101	75	4.958	4.520

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	Siruar Q	N WL	Net Inflow	Discharge	Spill	พ่เ	RWL
	(cms)	(m)	(cms)	(cms)	(cms)	(m)	(m)
Nov.				:			
1	96.0	5.15	223.31	101	75	4.962	4.524
2	78.8	5.16	-28,51	101	75	4.946	4.528
3	96.0	5.15	350.63	101	75	4.960	4.532
4	101.0	5.17	228.31	101	75	4.964	4.536
5	105.0	5.18	232.32	101	75	4.968	4.540
6	112.0	5.19	-15.32	101	75	4.953	4.544
- 7	102.0	5.18	-25.31	101	75	4.937	4.548
8	100.0	5.17	-27.32	101	75	4.921	4.552
9	97.3	5.16	-30.01	101	75	4.905	4.556
10	96.0	5.15	223.31	101	75	4.909	4.560
			113.14	4			
. 11	96.9	5.16	1497.36	101	75	5.013	4.564
12	105.0	5.27	1378.15	101	73 99	5.105	4.568
13	118.0	5.37	-9.32	101	149	5.085	4.572
13	111.0	5.36	111.00	101	99	5.078	4.576
17	112.0	5.36	112.00	101	99	5.071	4.580
16		5,36	-10.31	101	99	5.054	4.584
17	108.0	5.35		101	99	5,047	4.588
18	108.0	5.35	362.63	101	99	5.060	4.592
13	112.0	5.37	237.32	101	99	5,043	4.596
20	114.0	5,38	114.00	101	99	5.056	4.600
20	114.0	0.00	390.2				
21	113.0	5,38	494.94	101	99	5.079	4.604
22	115.0	5.41	1006.21	101	9 9	5.143	4.608
23	118.0	5,48	2664.29	101	149	5.332	4.612
24	137.0	5.68	900.89	101	199	5.380	4.616
25	143.0	5.74	143.00	101	199	5.367	4.620
26	139.0	5.74	520.94	101	199	5.385	4.624
27	144.0	5.77	525.95	101	199	5.402	4.628
28	154.0	ຽ.80	154.00	101	199	5.391	4.632
29	153.0	5.80	25.68	101	199		
30	146.0	5.79	18.48	101	199	5.347	4.640
			645.4	5			

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-1.119-

	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL.	RWL
	(CMS)	(m)	(cms)	(cms)	(ເທຣ)	(m)	(m)
Dec.							
1	143.0	5.78	15.69	101	199	5.325	4.644
2	138.0	5.77	10.68	101	199	5.302	4.648
2 3	140.0	5.76	140,00	101	199	5.290	4.652
4	141.0	5.76	141.00	101	199	5,277	4.656
5	145.0	5.76	145.00	101	199	5.265	4.660
6	145.0	5.76	17.69	101	199	5.243	4.664
7	143.0	5.75	15.69	101	199	5,220	4.668
8	143.0	5.74	15.68	101	199	5.198	4 67.
9	141.0	5.73	13.69	101	149	5.180	4.676
10	139.0	5.72	11.68	101	149	5.161	4.680
			52.6	3			
11	138.0	5.71	138.00	101	149	5.152	4.68
	138.0	5.71	138.00	101	149	5.143	4.68
12	138.0	5.71	138.00	101	147	5.134	4.69
13		5.71	774.57	101	149	5.176	4.69
14	138.0	5.76	143.00	101	149	5,167	4.70
15	143.0	5.76	145.00	101	149	5,159	4.70
16	145.0		16.69	101	149	5,141	4.70
17	144.0	5.76	142.00	101	149	5.132	4.71
18	142.0	5.75		101	149	5.124	4.71
17	140.0	5.75	140.00	101	149	5.155	4.72
20	139.0	5,75	648,26 242.3		1-47	0.100	
					140	5.157	4.72
21	144.0	5.79	271.32	101	149	5.137	4.72
22	151.0	5.80	23.68	101	149		4.72
23	144.0	5.79	144.00	101	149	5.130	4.73
24	143.0	5.79	270.32	101	149	5.132	4.73
25	144.0	5.80	653.26	101	149	5.164	
26	151.0	5.84	660.26	101	149	5.196	4.74
27	158.0	5.88	30.68	101	149	5.179	4.74
28	155.0	5.87	1300.84	101	149	5.261	4.75
29	160.0	5.96	160.00	101	199	5.250	4.75
30	158.0	5.96	30,68	101	199	5.229	4.76
31	151.0	5,95	1169.52	101	199	5.297	4.76
			428.6	0			

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	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL.	RWL
-		(m)	(CMS)	(cms)	(cms)	(m)	(m)
1931							
Jan.							
i	162.0	6.03	289.32	101	199	5.297	4.764
2	172.0	6.04	44.68	101	199	5.276	4.768
ŝ	161.0	6.03	33.69	101	199	5.256	4.773
4	160.0	6.02	32.68	101	199	5.235	4.776
5	158.0	6.01	285.32	101	177	5.233	4.780
6	161.0	6.02	670.26	101	199	5.262	4.784
7	166.0	6.06	675.26	101	199	5.292	4,78
. 8	170.0	6.10	170.00	101	199	5.282	4,793
9	168.0	6.10	40,69	101	199	5.261	4.790
10		6.09	167.00	101	199	5.251	4.800
1	10/10		240.89				
. 11	167.0	6,09	167.00	101	199	5.241	4.80
12	167.0	6.09	548.94	101	199	5.260	4. BŬ
13	167.0	6.12	678,26	101	199	5.290	4.81
14	172.0	6.16	172.00	101	199	5,280	4.81
15	172.0	6.16	172.00	101	199	5.270	4.82
15	172.0	6.16	172.00	101	199	5,260	4.82
17	172.0	6.16	299.32	101	199	5.260	4.82
. 18	173.0	6.17	2210.04	101	197	5.410	4.83
19	190.0	6.33	317.32	101	199	5.411	4.83
20	207.0	6.34	-47.63	101	199	5.384	4.84
10	20710	0.01	468.9				
21	185.0	6.32	566.94	101	199	5.405	4.84
22	187.0	6,35	1332.84	101	199	5,486	4.84
23	196.0	6.44	-58,64	101	199	5.458	4.85
24	193.0	6.42	702.26	101	199	5.489	4.85
25	179.0	6.46	326.31	101	199	5.491	4.86
26	203.0	6.47	-51.63	101	199	5.464	4.86
23	195.0	6.45	67.69	101	199	5,445	4.86
28	195.0	6.44	-59.64	101	199	5.417	4.87
20 29	193.0	6,42	65.67	101	199	5.399	4.87
27 30	192.0	6.41	955.89	101	199	5.450	4.88
30 31	192.0	6.47	324.32	101	199	5,452	4.88
10	197.0	Q. 7/	379.2		- • •		1.1.1

-1.121-

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					5.		
	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL	RWL
	(cms)	(m)	(cms)	(cms)	(cms)	(m)	(m)
Feb. 1	197.0	6.48	-57.64	101	199	5.424	4.884
2	194.0	6.46	-60.63	101	199	5.396	4.888
ŝ	192.0	6.44	-62.64	101	199	5.367	4.892
4	190.0	6.42	-64.62	101	199	5,339	4.896
5	189.0	6.40	187.00	101	199	5.330	4.900
6	192.0	6.40	-62.63	101	199	5.301	4.904
7	190.0	6.38	-64.64	101	199	5.273	4.908
8	188.0	6.36	-66.62	101	199	5.244	4.912
9	187.0	6.34	-67.63	101	199	5.215	4.916
10	185.0	6.32	57.68	101	199	5.196	4.920
	10010		-26.0				
11	184.0	6.31	56.69	101	149	5.181	4.924
12	183.0	6.30	-71.64	101	149	5.156	4.928
13	182.0	6.28	182.00	101	149	5,150	4.932
14	182.0	6.28	436.64	101	149	5.165	4.936
15	183.0	6.30	-71.64	101	149	5.140	4.940
16	182.0	6.28	436.64	101	149	5.154	4.944
17	185.0	6.30	-69.64	101	149	5,129	4.948
18	182.0	6,28	-72.63	101	149	5.104	4.952
19	180.0	6.26	180.00	101	149	5.098	4.956
20	180.0	6.26	52.69	101	99	5.087	4.960
			105.9	1			
21	179.0	6.25	-75,63	101	99	5.065	4.964
22	178.0	6.23	178.00	101	99	5,043	4.968
23	178.0	6.23	-76.63	101	99	5.042	4.972
24	176.0	6.21	176.00	101	99	5.040	4.976
25	176.0	6.21	48.68	101	99	5.028	4.980
26	176.0	6.20	-78.63	101	99	5.006	4.984
27	174.0	6.18	46.69	101	99	4.994	4.988
28		6,17	45.68	101		4.990	5,000
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	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL.	RWL.
	(cms)	(m)	(cms)	(cms)	(cms)	(m)	(m)
Mar .						·	
1	172.0	6.16	44.69	101		4.985	5.00
2	171.0	6.15	171.00	101		4.991	5.00
3	170.0	6.15	297.31	101	60	5.006	5.00
4	172.0	6.16	172.00	101	99	5.004	5,00
5	172.0	6.16	172.00	101	99 D4	5.002	5.00
6	175.0	6.16	175.00	101	94	5.000	5.00
7 8	177.0 171.0	6.16 6.14	-77.62 -83.64	101 101		4.986 4.972	5.00
9	169.0	6.12	-85.63	101		4.957	5.00
10	168.0	6.10	-86.63	101		4.942	5.00
			69,85				
	:		1. a., a.	:			
11	166.0	6.08	547,94	101		4.977	5.00
12	179.0	6.11	51.69	101		4.973	5.00
13	171.0	6.10	43.69	101		4.969	5.00
14	169.0	6.09	169.00	101		4.974	5.00
15	168.0	6.07	549.94	101	~ ~	5.010	5.00
16	172.0	6.12	172.00	101	99	5.007	5.00
17	174.0	6.12	46.68	101	39	5.000	5.00
18	172.0	6.11	44.67	101		4,996 4,991	5.00 5.00
19 20	170.0 168.0	6.10 6.09	42.69 40.68	101		4.991	5.00
20	100+0	0.07	170.90			, , , , , , , , , , , , , , , , , , , 	0.00
	144 0	4 00	144 00	101		4,991	. 5 00
21	166.0	6.08 6.08	166.00 166.00	101		4.991 4.997	· 5.00 5.00
22 23	166.0	6.08 6.08	167.00	101 101		4.997 5.002	5.00
24	167.0 167.0	6.08	294.32	101	99	5.002	5,00
25	168.0	6.09	40.68	101	54	5.000	5.00
26	167.0	6.07 6.08	39.69	101	τυ	4.995	5.00
27	166.5	6.07	39.18	101		4.990	5.00
28	165.0	6.05	165.00	101		4,995	5.00
29	165.0	6.06	292.32	101		5.011	5.00
	167.0	6,07	41.68	101	74	5,000	5.00
30	10/+0		11100	a			

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Table I - 6

OPERATION OF LAKE TOBA

CASE V'

(Tentative Operation prior to Completion of Urgent Flood Control Project)

10 days Operation

-I.124-

230 ' Operation of Lake Toba 231 ' 235 IF WL>=5 THEN R=101:SP=200-R 250 IF WLK 5! THEN IF WL>RWL(MT,JN)+.2 THEN SP=75 ELSE IF WL>RWL(MT,JN) THEN SP=50 ELSE SP=0 261 (ELSE R=101 262 IF Q=101 THEN IF WL<4.25 THEN R= 98 ELSE R= 98 ELSE IF WL>4.5 THEN R=101 264 IF Q= 98 THEN IF WL<4 THEN R= 95 266 IF Q= 95 THEN IF WL<3.75 THEN R= 92 268 IF Q= 92 THEN IF WL<3.5 THEN R= 86 ELSE IF WL>4.25 THEN R= 98 ELSE R= 95 ELSE IF WL>4 THEN R= 95 ELSE R= 92 ELSE IF WL>3.75 THEN R= 92 ELSE IF WL>3.75 THEN R= 92 ELSE R= 86 270 IF Q= 86 THEN IF WL<3.25 THEN R= 80 ELSE R= 80 274 IF Q= 80 THEN IF WL<2.4 THEN R= 0 THEN IF WL>2.4 THEN R= 80 ELSE R= 0 276 IF Q= 0 287 RETURN 299

Restricted Lake Water Level

	<u>10th</u>	<u>20th</u>	end of month
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov.	4.80 4.92 5.00 5.00 5.00 5.00 5.00 4.95 4.79 4.63 4.56	4.84 5.00 5.00 5.00 5.00 5.00 4.90 4.74 4.58 4.60	4.88 5.00 5.00 5.00 5.00 5.00 5.00 4.84 4.68 4.52 4.64
Dec.	4.68	4.72	4.76

		Net Inflow	Dischar	e Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
	Dec. 31				904.00	4.76
1916	Jan.					
	1-10	71.92	95.0	· · ·	3.98	4,80
	11-20 21-31	133.30 109.38	ม ม		4.01 4.02	4.84 4.88
	21-01	107.00		95.0	4.02	4.003
	Feb.					1 00
	1-10 11-20	-45.92 .50.12	95.0 "		3.91 3.88	4.92 4.96
	21-29	29.14			3.83	5.00
				75.O		
	Mar. 1-10	71.34	95.0		3.81	5.00
	11-20	137.52	.,		3.85	5.00
	21-31	207.67	11	95 0	3.94	5.00
	Apr.			95.Q		
	1-10	1.56	95.0		3.87	5.00
	11-20	281.88	11 [°] 13	• <u>.</u>	4.02 3.93	5.00 5.00
	21-30	-15.09	.,	95.0	0 · 20	4. VU
	May					ومعرفة والمعرف
	1-10	144.10 -9.06	75. 0		3.97 3.89	5.00 5.00
	11-20 21-31	186.68	11		3.97	5.00
				95.0		
	June . 1-10	86.45	75.0		3,96	5.00
	11-20	-74.21	£1		3.83	5.00
	21-30	123.51	11	07 0	3.85	5.00
	July	- 		95.0		
	1-10	60.26	95.0	н. С	3.82	5,00
	11-20	178.55	. B J1		3.89	5.00 5.00
	21-31	17.70		95.0	3.82	5.00
	Aug.					. -
	1-10	59.04	95.0		3.79 3.70	4.95 4.90
	11-20 21-31	-32.26 222.60	92.0		3.70 3.81	4.34
			-	93.9		
	Sept. 1-10	62.75	92.0		3.78	4.79
	11-20	6.78	11		3.72	4.79
	21-30	-136.85	**		3,54	4.68
	Oct.			92.0		
	1-10	229.77	7 2.0		3.65	4.63
	11-20	149.35	11		3.69	4.58
	21-31	-35.68		92.0	3.58	4.52
	Nov.					
	1-10	63.55	92.0		3.56	4.56
	11-20 21-30	204.93 68.06	11		3.65 3.63	4.80
-				92.0		
	Dec.		07 A		7 74	4,68
	1-10 11-20	239.43 335.52	92,0 "		3.74 3.94	4.58 4.72
,	21-31	148.90			3.99	4.75
	·			92.0		
			-1.120	93.9		
			1.120	• .	· · · · ·	

$\begin{array}{c ccccc} \hline \begin{tabular}{ cccccc } \hline \begin{tabular}{ cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c cma3} & (cma3) & (cma3) & (m) & (m) \\ \hline 1017 \\ Jan. & 1-10 & -64.1B & 92.0 & 3.86 & 4.80 \\ 1-10 & 217.87 & & 5.95 & 4.89 \\ 21-31 & 129.05 & & 92.0 & & 5.95 & 4.89 \\ 21-31 & 129.05 & & 92.0 & & & & & & & & & & & & & & & & & & &$		Nat Islaw	Diechargo	Saill out	Wi at and	ទាយ
1917 Jan. $\frac{1-10}{11-20}$ $\frac{-64.18}{217.07}$ $\frac{92.0}{1}$ $\frac{5.86}{3.99}$ $\frac{4.90}{4.89}$ $\frac{5.96}{21-31}$ $\frac{127.05}{127.05}$ $\frac{92.0}{12.08}$ $\frac{72.0}{12.08}$ Fab. $\frac{72.0}{12-28}$ $\frac{4.00}{42.26}$ $\frac{4.96}{4.98}$ $\frac{1-10}{21-28}$ $\frac{196.42}{42.7}$ $\frac{9}{75.0}$ $\frac{4.00}{4.22}$ $\frac{4.98}{5.90}$ Mar. $\frac{1-10}{21-28}$ $\frac{273.38}{427.67}$ $\frac{98.0}{72.7}$ $\frac{4.33}{4.22}$ $\frac{5.00}{5.00}$ Apr. $\frac{1-10}{21-31}$ $\frac{242.11}{-67.15}$ $\frac{98.0}{12-30}$ $\frac{4.33}{4.33}$ $\frac{5.00}{4.22}$ $\frac{5.00}{5.00}$ Apr. $\frac{1-10}{221.43}$ $\frac{242.11}{12.20}$ $\frac{98.0}{12-30}$ $\frac{4.33}{4.33}$ $\frac{5.00}{5.00}$ Mar. $\frac{4.33}{12-31}$ $\frac{5.00}{221.15}$ $\frac{98.0}{12-30}$ $\frac{4.33}{4.33}$ $\frac{5.00}{5.00}$ May $\frac{1-10}{21-31}$ $\frac{284.62}{29.80}$ $\frac{98.0}{4.33}$ $\frac{4.33}{5.00}$ Junie $\frac{1-10}{21-31}$ $\frac{94.64}{25.01}$ $\frac{98.0}{11-20}$ $\frac{4.53}{5.00}$ $\frac{5.00}{4.22}$ $\frac{5.00}{4.23}$ $\frac{4.23}{5.00}$ Junie $\frac{1-10}{11-20}$ $\frac{94.64}{1.58}$ $\frac{98.0}{11-20}$ $\frac{4.53}{5.00}$ $\frac{4.23}{4.23}$ $\frac{5.00}{4.23}$ $\frac{4.23}{5.00}$ July $\frac{1-10}{11-20}$ $\frac{94.64}{11-20}$ $\frac{98.0}{11-20}$ $\frac{4.23}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{4.21}$ $\frac{4.22}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{5.00}$ July $\frac{1-10}{11-20}$ $\frac{92.6.35}{12-31}$ $\frac{98.0}{11-20}$ $\frac{4.22}{21.50}$ $\frac{5.00}{4.21}$ $\frac{4.21}{5.00}$ $\frac{4.21}{21-31}$ $\frac{5.00}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{5.00}$ $\frac{4.21}{4.23}$ $\frac{5.00}{5.00}$ $\frac{4.21}{21-31}$ $\frac{5.00}{21-30}$ $\frac{4.22}{21-31}$ $\frac{4.9}{4.95}$ $\frac{5.00}{4.21}$ $\frac{5.00}{4$						
Jan. 1-10 11-20 21.731 129.05 92.0 Feb. 1-10 77.27 92.0 Feb. 1-10 77.27 92.0 Feb. 1-10 77.27 92.0 Feb. 1-10 11-20	1917	(cms)	(CMS)	(cms)	(m)	(៣)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Jan.	· · · · · · · ·				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
Feb. 1-10 97.27 92.0 4.00 4.92 1-20 196.42 7 95.0 72.7 Mar. 72.7 95.0 72.7 Mar. 1-10 273.38 98.0 4.43 5.00 11-20 43.90 78.0 4.22 5.00 21-31 -87.15 78.0 4.22 5.00 21-32 221.15 78.0 4.22 5.00 Apr. 4.22 5.00 11-20 -5.01 * 4.26 5.00 11-20 -5.01 * 4.26 5.00 21-30 221.15 78.0 4.35 5.00 May 78.0 4.35 5.00 11-20 3.91 * 4.43 5.00 June 4.36 5.00 June 4.38 5.00 June 5.00 June 5.00 June 5.00 June 5.00 June 5.00 June 7.158 * 4.28 5.00 June 7.158 * 4.28 5.00 June 7.158 * 4.21 5.00 June 7.158 * 4.21 5.00 June 7.158 * 7.2 July 7.10 216.35 11-20 -98.61 21-31 48.75 Sept. 7.10 409.64 11-20 110.03 21-31 -11.34 Nov. 1.10 26.85 11-20 239.77 21-30 7.73 Dec. 1.10 221.43 11-20 171.22 21-31 79.73						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Cab		92	.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	21-20	42/.0/		.9	7.27	and a factor
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		277 70			A A7	5 00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				-		5.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Aor.		98	.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1-10					
May 98.0 $1-10$ 284.82 98.0 4.50 5.00 $21-31$ 26.41 98.0 4.36 5.00 Junie 98.0 4.28 5.00 July 98.0 4.28 5.00 July 98.0 4.21 5.00 July 98.0 4.21 5.00 July 98.0 4.21 5.00 July 98.0 4.21 5.00 July 98.0 98.0 4.21 5.00 July 98.0 98.0 4.21 5.00 July -10 216.35 772 40.95 Sept. $1-10$ 20.977 71.20 77.73 Dec. $1-10$ 221.43 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			- 78	.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		284.82	98.0		4.50	5.00
June 98.0 June 1-10 94.64 98.0 4.35 5.00 $11-20$ -1.58 " 4.28 5.00 $21-30$ 8.55 " 4.21 5.00 July -10 216.35 -11-20 -58.61 $21-31$ 53.72 98.0 4.21 5.00 July -10 407.64 -1.58 -10 4.21 5.00 July -10 216.35 -21-31 -53.72 -98.0 -98.0 -98.0 Aug. -10 407.64	11-20	3.91	н		4.43	5.00
June 11-10 11-20 21-30 3.55 98.0 July 1-10 11-20 11-20 11-20 11-20 11-20 11-20 11-20 11-20 11-20 1-10 4.28 5.00 4.21 5.00 5.00 4.21 5.00	. 21-31	26.41			4.36	5.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	June		70	•		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					4.36 A 78	
July 1-10 216.35 11-20 -58.61 21-31 53.72 Aug. 1-10 409.64 11-20 -67.55 21-31 48.95 Sept. 1-10 -2.19 11-20 161.63 21-30 61.74 Oct. 1-10 81.67 11-20 110.03 21-31 -11.34 Nov. 1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	T . 1		98	.0		
21-31 53.72 Aug. 1-10 407.64 11-20 -67.55 21-31 48.95 Sept. 1-10 -2.17 11-20 161.63 21-30 61.74 Oct. 1-10 81.67 11-20 110.03 21-31 -11.34 Nov. 1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73		216.35				
Aug. 1-10 409.64 11-20 -67.55 21-31 48.95 Sept. 1-10 -2.17 11-20 161.63 21-30 61.74 Oct. 1-10 81.67 11-20 110.03 21-31 -11.34 Nev. 1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	21-51	J3./2				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		400 (4				
21-31 48.95 Sept. 1-10 -2.19 11-20 161.63 21-30 61.74 Oct. 1-10 81.67 11-20 110.03 21-31 -11.34 Nov. 1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		48.75				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Sept.					
$\begin{array}{c} 21-30 & 61.74 \\ 0 \text{ct.} & & \\ 1-10 & 81.67 \\ 11-20 & 110.03 \\ 21-31 & -11.34 \\ \\ \text{Nov.} & & \\ 1-10 & 26.85 \\ 11-20 & 239.77 \\ 21-30 & -7.73 \\ \end{array}$ $\begin{array}{c} \text{Dec.} & & \\ 1-10 & 221.43 \\ 11-20 & 171.22 \\ 21-31 & 79.73 \end{array}$	1-10					
Oct. 1-10 81.67 11-20 110.03 21-31 -11.34 Nov. 1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		81.67				
Nov. 1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73	11-20	110.03				
1-10 26.85 11-20 239.77 21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73	21-31	-11.34				1
11-20 21-30 Dec. 1-10 11-20 171.22 21-31 79.73		·				
21-30 -7.73 Dec. 1-10 221.43 11-20 171.22 21-31 79.73						
1-10 221.43 11-20 171.22 21-31 79.73						
1-10 221.43 11-20 171.22 21-31 79.73	ner -					•
21-31 79.73	1-10					
-1.127-	21-21	17.10				
-1.127-						
			-1.127-			

				:		
	•	Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1919				·		
	Jan. 1-10	-				
	11-20 21-31					
			·			ı
	Feb. 1-10					
	11-20 21-28					
	Mar . 1-10	. –				
	11-20 21-31	-				
	Арг. 1-10	· · ·			· · ·	
	11-20 21-30	_				
	:	_	· .			
	May 1-10					
	11-20	-			• •	
	21-31	-		· .		-
•	June 1-10	-				
	11-20				·	
	21-30	_				
	July 1-10	125.86	78.0		4.23	5.00
	11-20	89.61	9 11		4.23 4.07	5,00 5,00
	21-31	-88.06		1.0	4.07	0.00
	Aug. 1-10	7.75	78.0		4.00	4.95
	11-20	91.27	95.0		3,99 3,86	4.90 4.84
	21-31	-63.06			J. 49	4.04
	Sept. 1-10	214.66	95.0		3.95	4.79
	11-20	203.59	7010 11 11		4.04	4.74
-	21-30	42.94		5.0	4.00	4,48
	Oct.	-13.54	95.0		3.71	4.63
	1~10 11-20	313.36	19		4,08	4.58
	21-31	12.05	ب ب	5.0	4.01	4.52
	Nov.				4.01	4.56
· · ·	1-10 11-20	92.27 -3.09	95.0 "		3.93	4.60
	21-30	434,44	0 75	5.0	4.20	4.64
	Dec.			₩ • `	· · · ·	a
	1-10 11-20	109.37 284.71	95.0 "		4.21 4.36	4.68 4.72
	21 - 31	302.16	98.0 D		4.53	4.76
	· .		۲¢	5.1 95.0		

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				· .	
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1920 Jan.					
1-10	363.14	101.0		4.74	4.30
11-20	144.60	11		4.77	4.84
21-31	164.57	· •		4.83	4.88
1 1		101	• Q		
Feb. 1-10	33.92	101.0		4.78	4.92
11-20	142.60	11		4.81	4.95
21-29	208.02	tł ,		4.88	5.00
		101	.0		
Mar to		101-0		4 07	
1-10 11-20	81.14 154.63	101.0		4.87 4.91	5.00 ··· 5.00
21-31	47.41	11 ·		4.87	5.00
		101	.0		
Apr.	AP / 45				
1-10	226.02 91.87	101.0		4.96	5.00
11-20 21-30	359.20	1		4.96	5.00 5.00
	007.20	101	.0	4	2.00
May					
1-10	-43.87	101.0	57	5.00	5.00
11-20 21-31	-16.48 229.95	29 29	н. Н	4.91 5.02	5.00 5.00
	227470	101		and a fair state	
June					
1-10	36.25	101.0		4.97	5.00
11-20 21-30	157.26 -9.75	11		5.01	5.00 5.00
21 00		101	.0	7.70	3.00
July	· :				
1-10	-45.61	101.0		4.81	5.00
11-20	-42.18	0		4.70	5.00
21-31	9.34	101	<u>о</u>	4.62	5.00
Aug.			. ~		
1-10	23.87	101.0		4.56	4.95
11-20	-22.02	11 11		4.46	4.90
. 21-31	52.39	101	0	4.42	4.84
Sept.		1.01	/		
1-10	21.16	101.0		4.36	4.79
11-20	134.71	11 11		4.38	4.74
21-30	6.77		, O	4.31	4.68
Oct.		. 101			
1-10	-73.81	101.0		4.17	4.63
11-20	45.78	98.0		4.13	4.58
21-31	142.69	и СО	.0	4.17	4.52
Nov.	· · ·	77	• ***	÷.,	
1-10	89.53	78. 0		4.16	4.56
11-20	286.55	14 ¹ 1		4.31	4.60
21-30	66.32			4.29	4.64
Dec.	. •	98	• •		
1-10	-5.00	78.0		4.21	4.68
11-20	68.20	. H		4 18	4.72
21-31	45.34	"		4.14	4.76
: · · ·		98.	.0 100.3		
		-1.129-			
		:			

		Net Inflow	Discharge	Spill out	WL at end	RWL.
	2	(cms)	(CWP)	(cms)	(m)	(m)
192.	1	:				
	Jan.					1
	1-10	103.14	98.0		4.14	4.80
	11-20	66.97	11		4.12	4.84
	21-31	129.25			4.14	4.88
			5	78.Ů		
	Feb.	100 00	60 °A		0 17	4 00
	1-10	124.09	98.0 "		4.16	4.92
	11-20	152.26	ы		4.21	4.96
	21-28	39.68		28.Ŭ	4.17	5.00
	Mar.		3	'Q.V		
	1-10	98.18	98.0		4.17	5.00
	11-20	165.74	, Li . Ç		4.22	5.00
	21-31	141.29			4.26	5.00
			ç	28.0	a and here	0.00
	Apr.				•	
	1-10	84.55	98.0		4.25	5.00
	11-20	109.33			4.26	5.00
	21-30	163.09			4.31	5.00
			c	28.0		
	May	· · ·				
	1-10	270.23	98. 0		4.45	5.00
	11-20	29.01	и и		4.39	5.00
	21-31	150.48			4.44	5.0Q
		100110	· c	78.0		
	June					
	1-10	52.21	78. 0		4.40	5.00
	11-20	51.85			4.28	5.00
	21-30	4.10	11		4.21	5.00
			ç	78.0		
	July					
	1-10	63.49	98.0		4.18	5.00
	11-20	10.56	11		4.11	5.00
	21-31	-12.18			4.02	5.00
			ç	78.Ú		
	Aug.					
	1-10	27.02	98.Ŭ		3,96	4.95
	11-20	75.45	95.0		3.95	4.90
	21-31	85.75	0		3,94	4.84
			ç	76.0		
	Sept.					
	1-10	-3.04	95.0		3,86	4.79
	11-20	83.58	11		3.85	4.74
	21-30	113.89	ш		3.87	4.68
			c.	75.Ò		
	Oct.					
	1-10	59.47	95.0		3.84	4.63
	11-20	247.91	**		3.96	4.58
	21-31	205.74	D 2 - 2		4.06	4.52
;			C	75.0		
5.	Nov.		·	· · ·		
	1-1Ö	55.45	75. 0		4.02	4.56
	11-20	48.68		· · ·	3,99	4.60
	21-30	136.58	н		4.02	4.64
			c.	95.0		
	Dec.					
÷	1-10	8.71	95.0	. · · · · ·	3.95	4.68
	11-20	177.22			4.02	4,72
	21-31	146.51	11		4,06	4.76
			c	75.0	· .	
				96.8		
		and the second				

-1.130-

	:				
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1922					
Jan. 1–10	337.37	95.Q		4.25	4.80
11-20	178.46	78.Ŭ		4.32	4.84
·2131	160.21	97.	0	4.37	4.88
Feb.					
1-10	14.65	98.0		4.30	4,92
11-20 21-28	82.74 173.04	**		4.29	4.96 5.00
	110101	58	. Q		
Mar.	101 07	98.0		4.36	5.00
1-10 11-20	121.23 437.69	70.0		4.62	5.00
21-31	78.15	101.0		4.60	5.00
0		9 9	. 1		
Apr. 1-10	99.04	101.0		4.60	5.00
11-20	47.41	11		4,56	5.00
21-30	-38.18	" 101	- 0	4,45	5.00
May	•		• •		
1-10	255.15	101.0		4.57 4.58	5.00 5.00
11-20 21-31	106.47 115.91			4.59	5.00
~		101	• 0		
June 1-10	-38.08	101.0		4.48	5.00
11-20	68.71	101.0		4.45	5.00
21-30	2.45	n +	0	4.38	5.00
July		101	•0		
1-10	-1.33	101.0		4.30	5.00
11-20	-22.06	" "		4.20 4.08	5.00 5.00
21-31	-41.75	98.0 79	.9	4.00	0.00
Aug.	·				
1-10 11-20	1.78 26.28	98.0 "		4.00 3.95	4.95 4.90
21-31	163.46	95.0		4.01	4.84
·		96	.9		
Sept. 1-10	-50,25	95.0	·	3,87	4.79
11-20	-18.76	u –		3.80	4.74
21-30	30.96	" 75	0	3.75	4.68
Oct.		. ·	• 🗸		
1-10	339.64	95.0		3,95	4.63
11-20 21-31	2,66 171,56	11		3.87 3.94	4.58 4.52
21-01	111100	75	.0		
Nov.		95. 0		3,92	4.56
1-10 11-20	70.69 13.80	70.0 "		3.86	4.60
21-30	144,23			3.89	4.64
D	•	95	• 0		
Dec. 1-10	147.47	75. 0		3.94	4.68
11-20	215.69	и.		4.03	4.72
21-31	205.22		.0	4.13	4.76
		70	97.8		
		-I.131-			

	Net Inflow	Discharge Spill out	WL at end	RWL
	(cms)	(cms) (cms)	(m)	(m)
1923 Jan.				
1-10	106.36	95.0	4.14	4.80
11-20	126.22	23 12	4.16 4.25	4.84 4.88
21-31	195.18	95.0	-1 - 20	7:00
Feb.				
1-10	70.11	95.0 "	4.23 4.28	4.92 4.96
11-20 21-28	158.23 27.06	78.0	4.23	5.00
21 20	1,	95.9		
Mar.		66 A	4.29	5.00
1-10	170.86 84.14	98.0	4.28	5.00
21-31		. a	4.33	5.00
		78. 0		-
Apr. 1-10	56.47	78. 0	4.29	5,00
11-20	158.93	11	4.34	5.00
21-30	87.34	" 80 č	4.33	5.00
May		78.Ŭ		
nay 1-10	28.91	98.0	4,28	5.00
11-20		11 12	4.25 4.27	5.00 5.00
21-31	113.21	98.0	4.21	
June	· · ·			
1-10		78.0	4.18	5.00
11-20		10 	4.11	5.00 % 5.00
21~30	-14,80	78. 0	, 1 a a b	
July				e AA
1-10	31.35	98.0	3.96 3.90	5.00 5.00
11-20 21-31	16.25 -29.06	95.0	3.80	5.00
-1 -01 1		76. 0		
Aug.	محمد بر و		3.71	4,95
i-10 11-20		95.0 92.0	3.66	4.90
21-31		11	3.68	4.84
		93.0		
Sept. 1-10	157.67	92.0	3.73	4.79
11-20	-45,20	n .	3.63	4.74
21-30		n - 97 0	3.61	4.68
Oct.		92.0		
1-10	159.33	92.0	3.67	4.63
11-20	19.21	n 11	3.61 3.71	4.58 4.52
21-31		92.0	S. 7 1	شد ت و ۳ ۳
Nov.			· · ·	
1-10		92.0	3,59	4.55
11-20		, й 11	3.74 3.80	4.60 4.64
21-30) 160.28	92.0	and a second	
Dec.	н. с.			
1-10		92.0	3.73 3.87	4.68 4.72
11-20 21-31			3.78	4.76
T (.)		92.0		
		95.0		
		-I.132-		

		:					
		Net Inflow	Discharg	1@	Spill out	WL at end	RWL
		(cms)	(cms)	-	(cms)	(m)	(m)
1924			. ()			•	
	Jan. 1-10	345.01	92.0			3.98	4.80
	11-20	47.29	. и			3.94 3.89	4.84 4.88
	21-31	27.64		92.0		3.87	4.00
	Feb. 1-10	147.04	92.0			3.93	4.92
	11-10	71.27	**			3.92	4.96
	21-29	136.74	_ 11	92.0		3.95	5.00
	Mar.			72.0		-	
	1-10	137.10 550.42	92.0			3.98 4.34	5.00 5.00
	$11-20 \\ 21-31$	211.66	95.0			4.44	5.00
	A p. 			93.1			
	Apr. 1-10	288.18	98.Ŭ			4.59	5.00
	11-20	83.67	101.0			4.58 4.57	5.00 5.00
	21-30	84.27		00.0		4.07	3.00
	May 1 10	200 50	101.0			4 71	5.00
	1-10 11-20	288.58 -68.60	101.0			4.71 4.58	5.00
	21-31	47.71	بر ۱			4,53	5.00
	June		· 1	.01.0			
	1-10	59.24	101.0			4.50	5.00
	11-20 21-30	148.56 126.10	11			4.54 4.56	5.00 5.00
	7		1	.01.0			
	July 1∽10	57.74	101.0			4.53	5.00
	11-20	-37.38	11			4.42 4:38	5.00 5.00
	21-31	62.52		01.0		4,00	0.00
	Aug. 1-10	40.74	101.0			4.34	4.95
	11-20	40.94	11			4.34	4.90
	21-31	110.89	р 1	01.0		4.32	4.84
	Sept.		1	01.0			
	1-10	35.24	101.0			4.26 4.31	4.79 4.74
	11-20 21-30	164.79 24.34	н			4.25	4.43
	m_+		1	01.0	-		
	Oct. 1-10	-60.01	101.0			4.13	4.63
	11-20	262.17	98. 0			4.25 4.23	4.58 4.52
	21-31	62.64		99.0		ት በ በ በ በ በ በ በ በ በ በ በ በ በ በ በ በ በ በ በ	₹. ₩
	Nov. 1-10	148.56	78. 0	•		4.27	4.56
	11-20	-18.94	ta .		· .	4.17	4.60
	21-30	29.44	и. :	78.0		4.12	4.64
	Dec.	- · · ·		70.0			
	1-10	254.44 147.29	78. 0			4.24 4.28	4.68 4.72
	11-20 21-31	147.29 136.63	13		•	4.28 4.31	4.72 4.76
				98.0			
			-I.133		8.1		
			1.13				
					·		

	·					
		Net Inflow	Discharge	·Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1925		171021	(Cliis)	(Chis)	1117	1107
	Jan.					
	1-10	113.83	98.0 "		4.33	4.80
	11-20 21-31	299.57 110.82	. 11		4.49 4.50	4.84 4.88
· · · ·				8.0		
	Feb.					
	1-10	454.22	98.0 101 0		4.78 4.74	4.92 4.93
	11-20 21-28	55.61 82.51	101.0		4.73	5.00
	£1 £0	0	9	9,9	1	
	Mar.					
	1-10	270.85	101.0	н - С	4.86	5.00
. *	11-20 21-31	111.64 172.72	н . N		4.87 4.93	5.00 5.00
	10-12	* / * * / *		1.0	-7 € 2 •2 ³	0.00
	Apr.					
	1-10	259.68	101.0		5.06	5.00
	11-20 21-30	196.33 419.86	11 12	99 99	5.05 5.23	5.00
		717.00		1.0	نېغ د ف	0.00
	May					
	1-10	124.51	101.0	9 9	5.17	5.00
	11-20 21-31	15.65 55,41	11	99	5.02 4.98	5.00 5.00
	21-01	1. tu a ti		1.0	, π+7Ω 	0.00
	June					
	1-10	143.30	101.0	B	5.02	5.00
	11-20 21-30	107.31 -13.88	U H	24	5.00 4.71	5.00 5.00
	21-90 21-90	-10°00		1.0	4171	0.00
	July					:
	1-10	-34.61	101.0		4.81	5.00
	11-20	20.75	11		4.74 4.83	5.00 5.00
	21-31	202.20		1.0	4.00	
	Aug.					-
	1-10	-33.68	101.0		4.72	4.95
	11-20 21-31	76.01	83 84		4.71	4.90
	21-31	-30.16		1.0	4.59	4.84
	Sept.		10		-	
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	1-10	88.32	101.0		4.58	4.79
	11-20	335.12		E A	4.77	4.74
	21-30	203,22		50 1.0	4.81	4.68
	Oct.					
	1-10	157.49	101.0	50	4.81	4.63
	11-20	226.35	н н т н н	75	4.85	4.58
	21-31	324.64		75 1.0	4.98	4.52
•	Nov.	· .		**************************************		
	1-10	208.66	101.0	75	5.01	4.56
. *	11-20	369.74	91 	99	5.14	4.60
	21-30	108.77		1.0	5.07	4.64
	Dec.			3 • M		:
	1-10	464.36	101.0	9 9	5.28	4.68
	11-20	-21,07		99	5.10	4.72
	21 - 31	163.64	**	99	5.07	4.75

-1.134-

		- -			
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1926	:				
Jan.	00 74	101.0	99	4,99	4.8ċ
1-10 11-20	99.34 223.96	101.0	50	5.05	4.84
21-31	19.66	11	55	4.89	4.88
		101	1.0		
Feb.				4 0 4	4 105
1-10	35.42	101.0		4.84 4.97	4.92 4.92
11-20 21-28	262.98 157.75	. 11		5.01	5.00
21-20	10/1/0	101	1.0		
Mar.				·	
1-10	76.91	101.0		4.99	5.00
11-20	215,26			5.08	5.00
21-31	8.66	101	1.0	0.00	0.00
Apr.		201	• • **		· .
1-10	64.71	101.0		4.97	5.00
11-20	193.63	11		5.04	5.00
21-30	141.30	11 * 275 1	89	5.00	5.00
M - 1 1		10.	1.0		
May 1-10	-2.25	101.0		4.92	5.00
11-20	136.60			4.95	5.00
21-31	-21.28	11		4.84	5.00
		103	1.0		
June	10 15	101.0		4.78	5.00
1-10 11-20	17,15 65.87	101.0		4.75	5.00
21-30	75.71	ŧ		4.73	5.00
		10)	1.0		
July				4 4 0	EO
1-10	49.14	101.0		4,69 4,70	5.00
11-20	109.70 14.32	н		4.62	5.0
21-31	14.01	100	1.0		
Aug.					
i-10	-14.69	101.0		4.53 4.43	4.9 4,9
11-20	-34.07			4.45	4,3
21-31	126.29	tö	1.0		
Sept.					
1-10	93.20	101.0	,	4.44	4.7
11-20	131.03	. 11		4.47 4.33	4.74 4.6
21-30	-77.51		1.0	4.00	T.0
Oct.					
1-10	46.90	101.0		4.28	4.6
11-20	17.37	. ti		4.22	4.50
21-31	340.37	98.0	a o	4.43	4.5
M	· .	.7	9.9		
Nov. 1-10	42.52	98.0		4.38	4.5
11-20	330.02	н		4.56	4.6
21-30	76.74	101.0		4.55	4.6
	. *	91	9.Û		
Dec.	70 74	101.0		4.53	4.5
1-10 11-20	78.34 287.34	101.0		4.67	4.7
21-31	256.16	11		4.81	4.7
and		10	1.0		
			100.7		
		-1.135-			

	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1927			-		
Jan.	170 47	101.0	a 😅	4 00	4.80
1-10	138.43	101.0	45	4.80 4.91	4.80
11-20	238.08		50		
21-31	164.54			4.92	4.88
Feb.		TOI.	0		
1-10	212.04	101.0	50	4.97	4.92
11-20	96.33	ц	5	4.96	4.96
21-28	100.75	U		4.96	5.00
		101.	0		
Mar.					
1-10	92.46	101.0		4.96	5.00
11-20	90,30	n		4,95	5.00
21-31	91.5i	11		4.94	5.00
	· ·	101.	. Ô		
Apr.		101 0		a 00	F 00
1-10	73.04	101.0		4.92	5.00
11-20	276.88		40	5.06	5.00
21-30	. 80.17		49	5.00	5.00
b.1		101.	.0		
May 1-10	11.32	101.0		4.93	5.00
1-10	68.07	10110		4.90	5.00
21-31	35.98	14		4.85	5.00
23 01		101.	0	1100	
June					
1-10	8.45	101.0		4.77	5.00
11-20	-10.78	н		4.69	5.00
21-30	-17.23	11		4.59	5.00
		101.	, Ö		
July					100 A. A.
1-10	4.03	101.0		4.52	5.00
11-20	-41.96			4.41	5.00
21-31	-14.50		~	4.31	5.00
A		101.	.0		
Aug. 1-10	49.67	101.0		4,27	4.95
11-20	34.21	10110		4.21	4,90
21-31	-0.53	98.0		4.13	4.84
21 01	0100	99.	9		
Sept.					
1-10	272.75	98.0		4.27	4:79
11-20	146.31	**		4.30	4.74
21-30	108,02	83		4.31	4.68
		98.	, 0		
Oct.					
1-10	-32.98	78.O		4.21	4.63
11-20	144.26	40 41		4.24	4.58
21-31	390.24			4.50	4.52
b 1		- 78.	. <u>0</u>	·	
Nov.	488.34	78.O		4.80	4.56
1~10	-49,81	101.0	75	4.63	4.50
1 i -20 21-30	-47.81 7.65	101.0		4.55	4.64
Z1-50	7.02	100	.0	7100	τ• ω~τ
Dec.		1.00	• •		
	93.77	101.0		4.55	4.63
1-10					
1-10 11-20	213.35	11		4.64	4.72
1-10 11-20 21-31				4.64	4.72 4.76
11-20	213.35	ta	•		

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			•				
		Net Inflow	Discharge	Spill out	WL at end	RWL	
		(cms)	(ເສຣ)	(cms)	(m)	(m)	
28		101157	yemsy.	(Char			
	Jan.				н. Н	· .	
	1~10	336.60	101.0		4.95	4,80	
	11-20	4.19	н	45	4.84	4.84	
	21-31	153.24	11		4789	4.88	
			101	0			
	Feb.			· · · · ·			
	1-10	-15.85	101.0		4,80	4.92	
	11-20	156.19	84		4.84	4.96	
	21-29	6.15	и		4.77	5.00	
			101	.0			
	Mar.	10 17	101.0		4.74	5.00	
	1-10	60.47	101.0		4.85	5.00	
	11-20	238.21			4.72	5,00	
	21-31	-47.77	101	.0	1124		
	Apr.		101				
÷	1-10	120.63	101.0		4.73	5.00	
	11-20	116.20	11		4.75	5.00	
	21-30	95.37	н		4.74	5.00	
		101.0					
	May						
	1-10	162.23	101.0		4.79	5.00	
	11-20	72.81	H		4.77	5.00	
	21-31	-31.34	11		4.65	5.00	
			101	, Q			
	June	10.00	101.0		4.58	5.00	
	1-10	10.90	101.0		4.47	5.00	
	11-20 21-30	-47.77	10		4.38	5.00	
	21-30	-4.02	tot	- 0			
	July 101.0						
	1-10	96.58	101.0		4.38	5.00	
	11-20	-99.42	11		4.22	5.00	
	21-31	-10.36	78. 0		4.13	5,00	
	1	99.9					
	Aug.						
	1-10	2.47	78.O		4.05	4,95	
	11-20	39.80	' ia		4,01	4.70	
	21-31	15.95		. <u>.</u>	3.94	4.84	
			. 98	.0			
	Sept.		05.0		3.90	4.79	
	1~10	46.17 7.47	95.O "		3.83	4.74	
	11-20 21-30	-9.09			3.75	4.68	
	Z1-30	-7.07	95	.0			
	95.0 Oct.						
	1-10	120.55	92.0		3.77	4.63	
	11-20	35.05	11		3.73	4.58	
	21-31	187.36			3.81	4.52	
			92	. 0		· · ·	
	Nov.					A 64	
	1-10	364.15	92.0		4.02	4.56	
	11-20	64.43	95. 0		4.00	4.60	
	21-30	133.04	, H 		4.03	4.64	
	_		94	.0			
	Dec.		DE A		4.14	4,68	
	1-10	235.14	95.0 "		4.14	4.72	
	11-20 21-31	266.20 18.55	78. 0		4.20	4.76	
	Z 1 – 3 1	10.33	70.0	. 1	· • · · · · ·		

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					W at ond	RWL
		Net Inflow	Discharge	Spill out	WL at end	
1929		(cms)	(cms)	(cms)	(m)	(m)
1927	Jan.					
	1-10	110.53	98.Ò		$4.21 \\ 4.12$	4.80 4.84
	11-20 21-31	-19.73 55.33	0		• 4.08	4.88
			98	• Ŭ		
	Feb. 1-10	179.06	78 .0		4.15	4.92
	11-20	145.06	61		4.18	4.96
	21-28	14.12	"		4.13	5.00
	Mar.		98	.0		
	1-10	65.11	78.O		4.11	5.00
	11-20	277.58	11 11		4.25	5.00 5.00
	21-31	209.81		.0	4.34	5.00
	Apr.	· · · ·				
	1-10	53.77	98.0	•	4.31 4.40	5.00 5.00
	11-20 21-30	209.05			4.40	5.00
	24 CC		98	.0		
	May	200 02	98.Ŭ		4.49	5.00
	1-10 14-20	208.82 62.07	70.0		4.47	5.00
	21-31	69.79	л.		4.44	5,00
	7		78	.0		• .
	June 1-10	4,05	98.0	1	4.37	5.00
	11-20	114.83	n		4.38	5.00
	21-30	-37.77	n . D	.0	4.28	5.00
	July		,			· ·
	1-10	-34.10	7 8.0 "		4.17	5.00
	11-20 21-31	-41.39 -61.05	11		4.06 3.92	5.00
	21 OI	01.00		3.0		
	Aug.				3.89	4.95
	1-10 11-20	47.65 -7.35	75.0 "		3.81	4,70 4,70
	21-31	-4.03	н		3.72	4.84
	C t		95	i.Ö		;
	Sept. 1-10	35.52	92.0		3.68	4.79
	11-20	88.92	6		3,67	4.74
	21-30	117.76	n Qî	2.0	3.67	4.68
	Oct.					
	i-10	14.65	92.0		3.63	4.63
	11-20 21-31	37.05	11 63		3,59 3,70	4.58 4.52
	£1 ⁻ -01	/ . 72	92	2.0		··
	Nov.				7 78	4,56
	1-10 11-20	200.98	92.0		3,78 3,83	4.38 4.60
	21-30	222.51	н. 1	· · ·	3.94	4.64
	. · · ·	· · · ·	- 93	2.0		
	Dec. 1-10	117.05	92.0		3 96	4.58
	11-20	107.11	н		3,97	4.72
	21-31	235.05	и О/	n ./s	4.09	4.76
			7.	2.0 95.7		
		·	-1.138-			
			1.130-			

		· .		· · ·	
	Net Inflow	Discharge S	pill out	WL at end	RUL
	· · · · · · · · · · · · · · · · · · ·				
1930	(cms)	(cms)	(cms)	(m)	(m)
Jan.		· · ·			
1-10	-28.08	95.0		3.99	4.80
11-20	145.56	11		4.03	4.94
21-31	168.98			4.10	4.88
Feb.					
1-10	128.96	75. 0		4.13	4,92
11-20	-40.43	24 24		4.02	4.96
21-28	162.00	95.0		4.06	5.00
Mar.		7010			
1-10	-6.34	95.0		3,98	5.00
11-20	164.18	12 23		4.04	5.00
21-31	108.69	" 95.0		4.05	5.00
Apr.		7J, V			
1-10	120.38	95.0		4.07	5.00
11-20	163.26	11		4.12	5.00
21-30	138.99	" 95.0		4.16	5.00
May		70,0			
1-10	174.36	95.0		4.22	5.00
11-20	~63.48	ч		4.09	5.00
21-31	-5,58	. 95.0		4.01	5.00
June		73.0			
1-10	155.72	95.0		4.05	5.00
11-20	153,89	13		4.10	5,00
21-30	-97,73	n DE 0		3.95	5,00
July		95.0			
1-10	-17.85	95. 0		3.86	5.00
11-20	-23.60	н		3,77	5.00
21-31	-30,85	" 		3.66	5.00
Aug.	÷ .	95.0		•	
1-10	42.32	92.0		3.62	4,95
11-20	27.77	11		3.57	4,90
21-31	161.05	"		3.63	4.84
Sept.		- 72.0			
3ept. 1-10	72,47	92.0		3.61	4.79
11-20	-72.32	11		3.48	4.74
21-30	22.25	86.0		3.43	4.68
Oct.		90.0			
.1-10	165.76	86.0		3.50	4.63
11-20	263,91	U .		3.64	4.58
21-31	381.42	" 94 0		3.87	4.52
Nov.		86.0			
1-10	113.14	92.0		3.91	4.56
i 1-20	390,28	n .	•	4.14	4.60
21-30	645.46	95.0		4.58	4.64
Dec.		93.0	÷.,		
Dec. 1-10	52.68	78. 0		4.54	4.48
11-20	242.35	101.0		4.65	4.72
21-31	428,60	н 100 о		4.73	4.76
		100.0	.8		
		-1.139-			

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·						
		· ·				
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	 (m)
1931			· · · ·			
	Jan. 1-10	240.89	101.0	FO	S 00	
	11-20	468.92	101.0	50 99	5.00 5.22	4.80 4.84
	21-31	379,28		79	5.37	4.88
			101.	.0		
	Feb. 1-10	-26.04	101.0	99	5.19	4 05
	11-20	105.91	101.0	99 99	5.12	4.92 4.96
	21-28	33.02	H ,	\$ 9	5.01	5.00
			101.	.0		
	Mar.					
	1-10 11-20	67.85 170.90	101.0		4.99 5.04	5.00
	21-31	132.05	16	79	5.00	5.00
			101.		0.00	0.00
	Apr.					
•	1-10	147.87	101.0	49	5.00	5.00
	11~20 21-30	119.61 438.16		19	5.00	5.00
	21-00	400.10	101.	0	5.19	5.00
	May			.0		
	1-10	58.82	101.0	99	5.08	5.00
	11-20	152.07	11	99	5.04	5.00
	21-31	172.09		- - -	5.02	5.00
	June		. 101.	, U		
	1-10	26.75	101.0		4 96	5.00
	11-20	28.29		· .	4.90	5.00
	21-30	-15.51	H		4.81	5.00
	July		101.	. 0		
	1-10	-0.15	101.0		4.73	5.00
	11-20	484.65	0		5.03	5.00
	21-31	128.58	11	59	5.00	5.00
	•		101.	, O		
	Aug. 1-10	23.79	101.0		4.94	4.95
	11-20	-77,74	101.0 n		4.30	4.90
	21-31	-35.13	18		4.68	4.84
			101.	, O		
	Sept.	274 70	101.0		* 07	
	1-10 11-20	334.30 412.96	101.0	50	4,87 5,07	4.79 4.74
	21-30	-137.79	N		4.81	4.68
			101.			
	Oct.				д	
	1-10	~36.11	101.0	50	4.66	4.63
	11-20 21-31	-19.55 343.82		50	4.57 8 4.73 8	4.58 4.52
			101.		4.57 H 4.73 H d	¥ل. ۲۰
:	Nov.	· ·				
	1-10	234.05	101.0	50	4.80	4.56
	11-20	212.19	u u	50	4.35 Å	4.60
	21-30	184.99	" 101.	75	4.86 _p	4.64
анан сайтаан ал	Dec.		101.	· •	<u>با</u>	
	1-10	618.93	101.0	50	5.22 J	4.68
· .	11-20	320.55	11 - E	99	5.32 ^H	4.72
	21 - 31	416.93	H	- 79	5.50	4,76
			101.	.0 101.0		

н. 					
· .				, , <u>,</u>	•
	Net Inflow	Discharge	Spill out	WL at end	RWL.
	(cms)	(cms)	(ເທຣ)	(m)	(m)
1932					
Jan. 1-10	12.26	101.0	99	5.36	4.80
1 i - 20	76.75	0	. 99	5.26	4.84
21-31	70.47	н	55	5.15	4.88
Feb.		101.	, O		
1-10	270,42	101.0	99	5.20	4.92
11-20	185.53	11	59	5.19	4.96
21-29	29.87	n 101	99	5.07	5.00
Mar .	· .	101.	.0		
1-10	78.78	101.0	69	5.00	5.00
11-20	199.89	13	99	5.00	5.00
21-31	209.21	" 101.	77	5.01	5.00
Apr.	·	101.			
1-10	253.39	101.0	55	5.05	5.00
11-20	190.53	11 -	99	5.04	5.00
21-30	135.21		.0	5.00	5.00
May					
1-10	366.47	101.0	9 9	5.13	5.00
11-20 21-31	105.31 -26.49	n	99	5.06 4,95	5.00 5.00
21 01	20.47	101.	.0	7,75	0.00
June					· · ·
1-10	-70.37	101.0		4.82 4.72	5.00 5.00
11-20 21-30	-17.61 208.36	11		4.81	5.00
		101.	. O		
July	40 07	404 0			É oo
1-10 11-20	-48.87 -22.58	101.0		4.69 4.59	5.00 5.00
21-31	-89.78			4.43	5.00
		101.	, Q		
Aug. 1-10	124.23	101,0		4.45	. 4.95
11-20.	206.12	101,0		4,53	4.90
21-31	143.24	11		4.56	4.84
		101.	Ō		
Sept. 1-10	-9.71	101.0		4.48	4.79
11-20	~72.04	11		4.34	4.74
21-30	333.77	"		4.52	4.68
Oct.	е.	101.	. O	н. С. С. С	
1-10	21.58	101.0		4.46	4,63
11-20	61.87	**		4.43	4.58
21-31	-0.08		0	4.34	4.52
Nov.		101.	ιψ ·		
1-10	130.46	101.0		4.37	4.56
11-20	315.30		: * *	4.54	4.60
21-30	151.69	" 101.	0	4.58	4.64
Dec.	•	101.			
1-10	267.35	101.0		4.71	4.68
11-20	151.86	16 · · ·		4.75	4.72
21-31	78,52		. O	4.73	4.76
			101.0		
		-I.141-			

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				· · · · · · · · · · · · · · · · · · ·		
		:	· ·			
		Net Inflow	Discharge		WL at end	RWL.
1956		(cms)	(cms)	(cms)	(m)	(m)
Jar	1~10 11-20 21-31			·		
Feb	1-10 11-20 21-29					
Mar	1-10 11-20 21-31			· .	. •	
Apr	1-10 11-20 21-30					
Мау	1-10					~
Jun	1-10 11-20 21-30					
Jul	Y 1-10 11-20 21-31					
Aug	1-10 11-20 21-31					
Sep	1-10 11-20 21-30	- - -				
Oct	1-10 11-20 21-31					
Nov	1-10 11-20 21-30					
Dec	$ 1-10 \\ 11-20 \\ 21-31 $	53.21 270.16 253.87				
			-1.142	2		•

	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cmé)	(m)	(m)
	X 1, 111 → F F		. •		
lan. 1-10	42.73	101.0		4.68	4.80
11-20	78.94	н.		4.66	4.84
21-31	179.49	" 101.	0	4.73	4.88
eb.		101.0		4.66	4 92
1-10 11-20	16.85 23.44	н 101.0		4.60	4.96
21-28	116.20	n		4.61	5.00
ar.		101.	.0		
1-10	33.93	101.0		4.56	5.00
11-20	405.40	н		4,80 4,80	5.00 5.00
21-31	106.56	101.	. o	. : 1	
pr. 1-10	259.54	101.0		4.93	5.00
11-20	119.90	11		4.94	5.00
21-30	329.57	" 101.	.0	5.12	5.00
ау					E 00
1-10	302.78	101.0	99 99	5.20 5.21	5.00 5.00
11-20 21-31	206.36 303.01	11	99	5.30	5.00
		101.	• 0 •		
ine 1-10	-14.28	101.0	99	5.13	5.00
11-20	16.12	**	79	5.00 4.92	5.00 5.00
21-30	-4.37	101	.0	1 2 7 2	
uly	00 00	101.0		4.77	5.00
1-10 11-20	-72.02 100.57	1)		4.77	5.00
21-31	-36.80	" 101	0	4.65	5.00
ug,		101	• 0		
1-10	18.10	101.0		4.58 4.45	4.95 4.90
11-20 21-31	-67.51 21.77	11		4.38	4.84
		101	.0		
ept. 1-10	123.97	101.0		4,40	4.79
11-20	-92.08			4.25 4.32	4.74 4.68
21-30	186.35	78.0 100	.0	4.04	4.00
ct.				4.29	4.63
1-10 11-20	57,77 136,62	98.0 . "		4.32	4.58
21-31	396.28			4.58	4.52
lev r		98	.0		
lov. 1-10	157.69	101.0	50	4.58	4.56
11-20	278,89	H H	50	4.72 4.74	4.60 4.64
21-30	174.94	101			
)ec.	-	1 M 1 M	50	4,80	4.68
1-10 11-20	226.02 323.17	101.0	50 50	4.80	4.72
21-31	6.84	- н тал	50	4.81	4.76
а. А		101	.0 100.7		
		-1.143-			

		· · ·				
· .			:			
	•	Net Inflow	Discharge	Spill out	WL at end	RWL.
· ·		(cms)	(cms)	(cms)	(m)	(ጠ)
1958	Jan.					
	1-10	145.17	101.0	50	4.80	4.80
	11-20	80.35	28 41		4,79 4,83	4.84 4.88
	21-31	152.28		1.0	4.00	1.00
	Feb.					
	1-10	258.90	101.0		4.96 4.96	4.92 4.95
	11-20	109.68			4.78	5,00
	21-28	56.62	10	i. 0		
	Mar.				4.92	5.00
	1-10	79.79 144.03	101.0	·	4.95	5.00
	11-20 21-31	46.87	*1		4.91	5.00
			10	1.0		
	Apr.	150 47	101.0		4.94	5,00
	1-10 11-20	150.47 59.75	101.0		4.71	5,00
	21-30	71.00	11		4.89	5.00
	het _ s .		10	1.0		
	May 1-10	174.60	101.0		4 95	5.00
	11-20	134.96	11		4.97	5,00
	21-31.	-42.20	"	1.0	4,85	5,00
	June		τ			
	1-10	-31.85	101.0		4.75	5.00
	11-20	171.78	17 17		4.30 4.69	5.00 5.00
	21-30	-34.39		1.0	1 M - Law F	
	July				4 54	5.00
	1-10	-135.39	101.0		4.51	5.00
	11-20 21-31	-82,58 -40,86	11		4.24	5.00
	A		10	01.0		
	Aug.	5.05	98.0		4.17	4.95
· · · ·	1-10 11-20	-23,87	90.0		4.07	4.90
	21-31	-140.68	U		3.87	4.84
			5	28.0		
	Sept. 1-10	-43.31	95.0		3.76	4.79
	11-20	14.84	22		3.70	4.74
	21-30	125.73	92.0	94.0	3.72	4.68
	Oct.					· · · ·
	1-10	153.32	92.0		3.77 3.58	4.63 4.58
	11-20 21-31	-155.55 188.07	11		3.38 3.68	4.52
	21-01	100.07	· c	92.0		
	Nov.		'on 'n		3.82	4.56
	1-10 11-20	301.45 236.80	92.0		3.94	4.50
	21-30	74.44	t1		3.92	4.54
а 1	·		(72.0		
	Dec. 1-10	375.01	92.0		4.15	4.68
	11-10	195.73	95.O		4.22	4.72
	21-31	168.25	n		4.29	4.76
				74.0 78.1		
			-1.144-		· .	
	:			·		

	:					
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	 (m)
1959						
	Jan. 1-10	233.60	98.0	· · · ·	4.39	4.80
	11-20	43.51	11		4.35	4.84
	21-31	~50.56		3. Q	4.22	4.88
	Feb.		70	3. Q		
•	1-10	124.11	'78.0 "		4.24	4.92
	11-20 21-28	135.68 -80.45	. н		4.27 4.16	4.96 5.00
			96	3.0		
	Mar. 1-10	49.67	98.O		4.12	5.00
	11-20	148.43	11		4.16	5.00
	21-31	127.11	" "		4.19	5,00
	Apr.		70	3.0		
	1-10	301.60	98.0		4.35	5.00
	$11-20 \\ 21-30$	329.79 143.25	101.0		4.53 4.56	5.00 5.00
				2.0		
	May 1-10	264.61	101.0		4.67	5.00
	11-20	257.69	1		4.81	5.00
	21-31	-18.73		0	4.71	5.00
	June		101			
	1-10	73.18	101.0		4.69	5.00
	11-20 21-30	279.55 -37.90	28		4.83 4.72	5.00 5.00
			101	.0		
	July 1-10	-74.37	101.0		4.58	5.00
	11-20	57.29	101.0		4.55	5.00
	21-31	-0.67			4 46	5.00
	Aug.		101	. . Q		
	1-10	75.59	101.0		4.44	4.95
	11-20 21-31	-2.95 -50.23		N. (1997)	4.36 4.23	4.90 4.84
			101	.0		
	Sept. 1-10	57.77	98. 0		4.20	4.77
	11-20	275.92	38		4.34	4 74
	21-30	-26.21	н	0	4.24	4.68
	Oct.		75	3. O		1. J.
	1-10	331.91	98.O "		4.42	4.63
	11-20 21-31	124.77 390.74		· · ·	4.44 4.70	4.58 4.52
				LO		
	Nov. 1-10	214.75	101.0	50	4.75	4.56
	11-20	232.91		50	4.81	4.60
	21-30	292.04	н. 1 о 1	50	4.92	4.64
	Dec.	•	101	₩ ₩		
	1-10	113.39	101.0	75	4.87	4.68
	11-20 21-31	140.46 80.03	. or de-	50 50	4.85 4.80	4.72 4.76
		under der ander findet		.0	u He Book fur	
				99.6		
			-1.145			

			· · ·			
	· .		:			
		Net Inflow	Discharge	Spill ou	ut WL at end	RWL
		(cms)	(ເທຣ)	(cms)	(m)	(m)
1950	Jan.		. 1			
	1-10 11-20	5.62 92.79	101.0		4.73 4.72	4.80 4.84
	21-31	162.20			4.72	4.88
1	Feb.		100	1.0		
	1-10	322.91	101.0		4 95	4.92
	11-20 21-29	151.64 70.01			4.99 4.97	4.96 5.00
	Mar.		10:	1.0		
	1-10	85.08	101.0		4.95	5.00
	11-20 21-31	5.19 210.72	н 11		4.88	5.00 5.00
			10:	1.0		
	Apr. 1-10	195.78	101.0		5.05	5.00
	11-20 21-30	176.42 242.24	н ц	99 99		5.00 5.00
		ana fahan Praha S	10:	L.O.	. the solution	
	May 1-10	104.50	101.0	79	7 5.00	5.00
	11-20 21-31	102.84 -50.96	и D		1 5.00 4.87	5.00 5.00
		30.70	10:	1.0	7.07	0.00
	June 1-10	-95.27	101.0		4.72	5.00
	11-20	-42.63	11 11		4.60	5.00
	21-30	-24.33		1.0	4.51	5.00
	July 1-10	5.46	101.0		4,43	5.00
	11-20	340.80	n	-	4.62	5.00
	21-31	-191.88		1.0	4.37	5.00
	Aug. 1-10	-94.71	101.0		4.21	4.95
	11-20	-52.39	73. 0		4.09	4.90
	21-31	350.89	" "	7.0	4.31	4.84
	Sept.				4 00	a ====
	1-10 11-20	-20.66 -44.00	98.0 "		4.22 4.11	4.79 4.74
	21-30	-13,25	и . Ф{	3.0	4.02	4.58
	Oct.					
	1-10 11-20	-41.25 359.06	78.0 95.0		3.91 4.12	4.63 4.58
. 1	21-31	331.41	Pt	с. М. М. С.	4.32	4.52
: .	Nov.			5.0		
	1-10 11-20	202.89 277.44	78.0 "		4.40 4.55	4.56 4.60
	21-30	84.92	101.0	D (1)	4.53	4.60
	Dec.	•.	9'	7.0		
	1-10	178.86	101.0		4.57 4.55	4.68
	11 - 20 21 - 31	44.00	e H		4.35	4.72 4.76
			10	1.0 100.0		
			-I.146-			

	·		· ·			
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1961	Jan.		1 A.			
	1-1Q	-30.43	101.0		4.71	4.80
	11-20 21-31	215.08	11		4.80	4.84 4.88
	Feb.		101	1.0		
	i-10	-24.83	101.0		4.66	4.92
	$11-20 \\ 21-28$	75.47 300.18	n N		4.64 4.77	4.96 5.00
			10	1.0		
	Mar. 1-10	172.65	101.0		4.82	5.00
	11-20 21-31	-51.53 -8.87	. II 11		4.70 4.61	5.00 5.00
		ω • ω <i>γ</i>	10	1.0		
	Apr. 1-10	123.62	101.0		4,63	5.00
	11-20 21-30	72.80 324.31	11		4.60 4.78	5.00 5.00
		524.51	10	1.0		
	Мау 1-10	23.92	101.0		4.72	5.00
	11-20	-8.99	1) 11		4.63 4.37	5.00 5.00
	21-31	-203.47		1.0	M & Q Z	3.00
	June 1-10	-5.76	101.0		4.28	5.00
	11-20	13.59			4.22	5.00
	21-30	-39.93	98.0 10	0.0	4.11	5.00
	July				7 07	5.00
	1-10 11-20	-75.69 75.17	78.0 75.0		3.97 3.96	5.00
	21-31	37.99	"	6.0	3.91	5.00
	Aug.					
	1-10 11-20	25.77 -135.84	95.0		3.85 3.67	4.95 4.90
	21-31	-23.33	.92.0	3.9	3.57	4.84
	Sept.		7.	۰.7		
	$\frac{1-10}{11-20}$	110.56 32.62	92.0 "		3.59 3.54	4.79 4.74
	21-30	193.21	"		3.62	4.68
	Oct.		91	2.0	·	н. Т
	i -10	3.03 64.87	92.0		3.55 3.53	4.63 4.58
	$11-20 \\ 21-31$	221.99	·		3.64	4,52
	Nov.		. 9	2.0		
	1-10	155.28	92.0 "		3.69	4.56
	11~20 21-30	142.39			3.73 3.77	4.60 4.64
	D		ዎ:	2.0		
	Dec. 1-10	143.72	92.0		3.81	4.68
	11-20 21-31	387.72 184.77	" 75.0		. 4.04 4.12	4.72 ° 4.76
	يەت بىرىمى	, , , , , , , , , , , , , , , , , , ,		3.1 07.0		
			-I.147-	97.Ù	-	
			-+•+4/ -			

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:						
		Net Inflow	Discharc	je Spill o	out WL at end	RWL.
		(cms)	(cms)	(cms)	(m)	(m)
	1962					
	Jan.					
	1-10	21.87	95.0		4.06	4.80
	11-20	418,07	н СС Ф		4.31	4.84
	21-31	77.83	98.Ŭ	O(1	4.16	4.88
	F			96.1		
•	Feb. 1-10	-1.00	98.0		4.08	4.92
	11-20	71.76			4,06	4.75
	21-28	48.37	н		4.03	5.00
				78.0		
	Mar.					
	1-10	107.01	98.Ŭ		4.04	5.00
	11-20	107.76	**		4.05	5.00
	21-31	326.63	ы		4.24	5.00
				98.0		
	Apr.	مناجر ويعترج				E AA
	1-10	• 231.86	98.0		4.35	5.00 5.00
	11-20	117.00			4.38	5.00
	21-30	206.32		78.0 [°]	4.40	0.00
	May			70.0		
	1-10	161.29	98.0		4.50	5.00
	11-20	152.36	11		4.54	5.00
	21-31	-28.37	101.0		4.43	5.00
				99.i	·	
	June					
	1-10	76.31	101.0		4,41	5.00
	11-20	189.79	11		4.48	5.00
	21-30	26.78	49		4.42	5.00
	7			101.0		
	July 1-10	-44.28	101.0		4.31	5.00
	11-20	-53.17	10110		4.19	5.00
	21-31	35.59	78.Ô		4.13	5.00
				99.9		
	Aug.					
	1-10	24,48	78. 0		4.08	4.95
	11-20	267.20	*1		4.21	4.90
	21-31	-20.38	29		4.11	4.84
	·			98.0	· .	
	Sept.	0.00	00 0		4.03	4.79
	1-10 11-20	0.08	78.0 "		4.03	4.74
	21-30	97.84 -5,50	H		3.95	4.68
	21-30	لرالت وليز		78.Ŭ		
	Oct.					
	1-10	118.99	95.0		3.97	4.63
	11-20	85.41	11		3.96	4.58
	21-31	80,36	u.		3.95	4.52
				95.O		
	Nov.					
e 11	1-10	19.30	95.0	and the second second	3.89	4.55
	11-20	187.45	н.		3.76	4.60
	21-30	187.38	14	05 0	4.03	4.64
	5			95.0		
	Dec.	7/ AE	75. 0		3.98	4.68
	1-10 11-20	26.45 151.93	73.0		4.02	4.72
	21-31	254.35	11		4.16	4.76
	طيب فلمس	ահամ հետ 100 100 100 1000		95.0		
				97.6	· · · · ·	
	· · · ·					

-1.148-

	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms) .	(m)	(m) .
63			1		
Jan. 1-10	-17.17				
11-20	173.13	75. 0			4.80
21-31	64.33	U		4.14	4.84
21 01	04.00		5.0	4.11	4.88
Feb.			.J. e. Cr		
1-10	215.88	75. 0		4.21	4 72
11-20	-27.83			4 11	4.96
21-28	64.03	. н		4.09	5.00
	· ·	. 9	5.0		
Mar.					
1-10	95.46	95.0		4.09	5.00
11-20	109.14	11		4 10	5.00
21-31	83.78	. H		4.09	5.00
D =		5	5.0		
Apr. 1-10	-35.53	05 0			·
11-20	-35,53	95.0 "	· · · ·	3.99	5.00
21-30	33.34			3.89	5.00
44 00			5.0	3.85	5.00
May			0.0		
1-10	45.48	95. 0		3.81	5.00
11-20	68.53	н.		3.79	5.00
21-31	37.26	••		3.74	5.00
		9	5.0		
June					
1-10	-13.56	92.0		3.65	5.00
11-20	61.23	11		3.63	5.00
21-30	17.70	15		3.57	5,00
71		93	2.0		
July	7 04	nn -			
1-10 11-20	3.84	92.0		3,50	5.00
21-31	78.74 79.86	86.0		3.49	5.00
21 01	77.00		7.9	3,49	5.00
Aug.		U U	/ • /		
1-10	81,84	86.0		3.48	4.95
11-20	30.19			3.44	4.90
21-31	42.85	11		3.40	4.84
		88	5.0		
Sept.					
1-10	-13.23	86.0		3.32	4.79
11-20	78.56				4.74
21-30	87.78		_	3.34	4.68
0+		86	. Ó		
Oct. 1-10	170 10				
11-10	170.19 284.20	86.0		3.40	4.63
21-31	257,26	11		3.56	4.58
للالي الالية	<u>د</u> عہ / سے		O	3.71	4.52
Nov.			an sa		
1-10	456.47	86.0		4.00	4.56
11-20	173.06	92.0		4.06	4.30
21-30	241.91	95.0		4.18	4.64
			.0		
Dec.	· · ·	· · ·			
1-10	408.99	95.Ŭ	н. -	4.42	4.68
11 - 20	190.23	78. 0		. 4,50	4.72
21-31	162.97	н., 		4.55	4.76
,		97	, 0 		н. 1
			71.7		
		-1.149-			
		-1.149-			

$\begin{array}{cccccccccccccccccccccccccccccccccccc$		· .	Net Inflow	Discharge	Spill out	WL at end	RWL
$\begin{array}{cccccccccccccccccccccccccccccccccccc$. 107.4		(cms)	(cms)	(cms)	(m)	(ጠ)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1704						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			50.58	101.0		4.51	4 80
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		11-20					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		21-31	0,69				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		~~ I		101	1.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			44 6 0	101 6			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				u			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				101		1. OL	0.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Mar.					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		21-01	33.82		0	4.31	5.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Aor.		101		:	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		-	59.87	101.0		4.28	5 00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		11-20	123.53				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		21-30	123.33				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				101	O		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			40.72	101 0			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•				.9		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							5.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		21-30	109.41			4.01	5.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		July	· · ·	77	.0	· .	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			64.04	95.0	•	7,98	5.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•		113.33				
Aug. 1-10 1-20 29.91 21-31 55.22 " 95.0 Sept. 1-10 178.92 95.0 Sept. 1-10 178.92 95.0 Sept. 1-10 178.92 95.0 3.88 4.99 3.80 4.84 95.0 0ct. 1-10 24.80 95.0 0ct. 1-10 24.80 95.0 0ct. 1-10 24.80 95.0 3.76 4.63 3.75 4.63 3.72 4.58 21-31 76.91 92.0 73.9 Nov. 1-10 1-56.91 1-20 21-30 302.86 " 72.0 Dec. 1-10 157.69 92.0 72.0 97.9 72.0 97.0 72.0 97.0		21-31	116.88				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		A		95	, Q		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•		-70 17	95 A		7 00	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				1			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				95	.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
Oct. $ \begin{array}{ccccccccccccccccccccccccccccccccccc$			31.70		0	J.8∠	4.63
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Oct.		,0	•		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•	1-10		95.0		3.76	4.63
Nov. 1-10 -56.91 72.0 3.60 4.56 11-20 -12.03 " 3.52 4.60 21-30 302.86 " 72.0 Dec. 1-10 157.69 92.0 3.73 4.68 11-20 122.33 " 3.76 4.72 21-31 104.35 " 72.0 97.0							
Nov. 1-10 -56.91 72.0 3.60 4.56 11-20 -12.03 " 3.52 4.60 21-30 302.86 72.0 Dec. 1-10 157.69 92.0 3.73 4.68 11-20 122.33 " 3.76 4.72 21-31 104.35 " 72.0 97.0		21-31	76.91			3.72	4.52
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Nev		73	.9		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			-54 91	97 A		7.10	A 15 (
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
Dec. 92.0 1-10 157.69 92.0 3.73 4.68 11-20 122.33 " 3.76 4.72 21-31 104.35 " 3.77 4.76 97.0 97.0 97.0 97.0 97.0				с н			
1-10 157.69 92.0 3.73 4.68 11-20 122.33 " 3.76 4.72 21-31 104.35 " 3.77 4.76 92.0 97.0 97.0 97.0 97.0	· · · ·		ана (1996) Алагана (1996)	92	.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
21-31 104.35 " 92.0 97.0							
92.0 97.0							
97.0		للافية الاستم	104.00		0	3.11	4.76
				72		· .	
			÷	-T 150-			
				1.10-			

	·		· .		
<i></i>	Net Inflow	Discharge	Spill out	• WL at end	RWL.
	(cms)	(cms)	(cms)	(m)	(m)
1965					
Jan. 1-	10 -7.42	92.0		3.69	4.80
11-	20 0.79	11 ⁻ 11		3.62	4.84
21-	31 3.63		. O	3,54	4.88
Feb.	· · ·		-		
1 11		92.0 84.0	÷ .	3.49 3.53	4.92 4.96
21-				3.55	5.00
		88.	. 1		
Mar. 1-	10 21.70	86.0		3.49	5.00
. t 1	20 203.47	H *	· · ·	3.59	5.00
21-	31 154.04		Ö	3.65	5.00
Apr.			· · · ·	:	
1-	10 107.10	86.0		3.66 3.76	5.00 5.00
11- 21-		92.0		3.80	5.00
	·	88.	.0		
May 1-	10 134.54	92.0		3.84	5.00
11-	20 120.53	.,		3.86	5.00
21-	31 40.05	" 	0	3.82	5,00
June .		, <u> </u>			÷.,
1-		92.0		3.75 3.70	5.00 5.00
· 11- 21-		17		3.62	5.00
	· .	92.	.0		
July 1-	10 66.45	92.0		3.60	5,00
11-	20 -51.81	"		3.49	5.00
21-	31 -10.68	86.0	. 9	3.41	5,00
Aug.				7 40	
1- 11-		86.0		3.42 3.44	4.95 4.90
21-		н		3.38	4.84
		86	.0		
Sept. 1-	10 122.48	86.0		3,41	4.79
11-		28		3.39	4.74
21-	30 158.20	86	.0	3.45	4.68
Oct.					4 1
1- 11-		84.0		3.46 3.63	4,63 4,58
21-		с. н		3.73	4.52
Nov.		86	.0		
NOV. 1-		86.0		3.71	4.56
11-	20 105.48	rd 37		3,72 . 3,76	4.60 4.64
21-	30 133.47	56	.0	0.70	7:04
Dec.		· .		7 64	a 70
1 11		92.0		3.81 3.91	4.68 4.72
21-			_	3.96	4.75
		92	.0 88.7		
	•		1.1		
		-1.151-			

		Net Inflow	Dischar	ge S	Spill out	WL at end	RWL.
		(cms)	(cms)		(cms)	(m)	(m)
1966							
	Jan. 1-10	131.61	92.0			4.00	4.80
	11-20	212.35	72.0			4.09	4.84
	21-31	123.52	95.0			4.11	4.88
	21 OX		/010	93.1			r a CACA
	Feb.						
	1-10	139.16	95.0			4.15	4.92
	i1-20	112.50	11			4.15	4.95
	21-28	48.78	18			4.13	5.00
				95.0			
	Mar.	117 00	05 0			4 15	E 00
	1-10	113.20	95.0			4.15 4.18	5.00 5.00
	11-20 21-31	135.96 244.04	11			4.31	5.00
	21-01	244.04		95.0			0.00
·	Apr.			7417			
	1-10	66.42	98. 0			4.28	5.00
	11-20	142.96	11			4.32	5.00
	21-30	226.55			• .	4.42	5.00
				78.O			
	May						
	1-10	.57.04	78.0			4.39	5.00
	11-20	40.11	1) 11			4.34	5.00
	21-31	19.32		00.0		4.28	5.00
	June			98.0			
	1-10	111.00	78.0			4.29	5.00
	11-20	113.50	,010			4.30	5.00
	21-30	83.39	11			4.29	5.00
				98.0			
	July						
	1-10	136.21	78.0			4.32	5.00
	11-20	72.61	U U			4.30	5.00
	21-31	60.25	15			4.27	5.00
	ð. –	-		98.Ŭ			
	Aug. 1-10	41.29	98.0			4.22	4.95
	11-20	12.23	7010			4.15	4.90
	21-31	182.47	11			4,23	4.84
				78.0			
	Sépt.						
	1-10	35.84	98.0			4.18	4.79
	11-20	114.48	••			4.17	4.74
	21-30	140:19	15			4.22	4.68
	<u>.</u>			98 . 0			
	Oct.	00 /7	70 A			1 77	a (7
	1-10 11-20	88.67 271.21	78. 0			4.22 4.35	4.63 4.58
	21-31	144.67				4.39	4.52
	21 01	1774.02		98.0		- F #	
	Nov.					:	
· .	1-10	255.10	98.0	,		4.52	4.56
	11-20	226.70	101.0			4.61	4,60
	21-30	71.82	0			4.57	4.54
-				100.0			
	Dec.						
	1-10	167.89	101.0	÷.,		4.64	4.68
	11-20	127.70				4.67 4.71	4.72
	21-31	151.74		101.0	· ·	·→ • / 1	4.75
					7.5	ч. на страна и страна И страна и ст	· .

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	(cms)	(cms)	(cms)	(m)	(m)
967					
Jan.					
1-10	87:61	101.0		4.70	4.80
11-20	155.16	· •		4.74	4.84
21-31	152.29	H 1		4.79	4.88
		101	.0		
Feb. 1-10	114.87	101.0	÷.,	4.80	4.92
11-20	60.54	TOTEO		4.77	4.96
21-28	204.26	ы		4.83	5,00
21-20	204.20	101	.0		
Mar.					
1-10	182.38	101.0		4.89	5.00
11-20	119.42	: 11		4.91	5.00
21-31	45.89	11		4.86	5.00
		101	.0		
Apr.					· ·
1-10	153.01	101.0		4.90	5.00
11-20	192.86	н		4.97	5.00
21-30	238.90	11		5.08	5.00
	-	101	• O		
May		101 0	77	5.14	5.00
1-10	267.66	101.0	99	5.14 5.14	5.00
11-20	178.48	11	94	5.00	5.00
21-31	40.97	 101		3.00	
7		101			
June 1-10	11.04	101.0		4.93	5,00
11-20	80.32	10110		4.92	5.00
21-30	-15.25			4.83	5.00
21 00	10.20	101	.0		
July		-			
1-10	-35.78	101.0		4.72	5.00
11~20	-8.43	11		4.63	5,00
21-31	49.68		•	4.59	5.00
		10	.0		
Aug.				a a 7	4 05
1-10	-53,61	101.0		4.47	4.95 4.90
11-20	95.77			4.46 4.38	4.90
21-31	9.14		1.0	4.0	4.04
Sept.		10			
1-10	78.77	101.0		4 37	4.79
11-20	133.03			4 39	4.74
21-30	218.85	11	÷	4.48	4.68
11 OV		10	1.0		
Oct.					
1-10	80.87	101.0		4.47	4.63
11-20	218.41	v		4.56	4.58
21-31	156,99	F1	50	4.56	4.52
		10	1.0		
Nov.					
1-10	244.15	101.0	50	4.64	4,56
11-20	187.62	, IT 	50	4.67	4.60
21-30	131.69	н 	50.	4.65	4.64
5		10	1.0		
Dec.	44.07	101.0	1. J.	4,61	4.68
1-10	93.57	·		4.60	4.72
11-20 21-31	138.72	Ft		4.43	4 76
21-31	1.00.74		1.0		
· .		10	101.0		
		-I. 153-			

	. 1		· · · ·	:	· · ·		
					·		53 0
	•		Net Inflow	Discharge	Spill out	WL at end	RWL.
	1	-	(cms)	(cms)	(cms)	(m)	(m)
	1968	Jan.					
		1-10	153.56	101.0		4.67	4.80
		11-20	358.54	87 F3		4.88 5.00	4.84
		21-31	243.86	101	.0	0.00	4.88
		Feb.					1
		1-10 11-20	108.67 152.70	101.0	99	4.93 4.97	4.92 4.95
		21~29	100.75	**		4.97	5.00
				101	.0		
		Mar. 1-10	: 26 . 87.	101.0		4.91	5.00
		11-20	69.08	н		4.89	5,00
		21-31	127.58	" 101	0	4.91	5.00
	÷	Apr.		. 101	• •		
		1-10	153.06	101.0		4.95	5.00
		11-20 21-30	96.91 114.74	11		4.95 4.96	5.00 5.00
				101	.0		
		May 1 fo	17 14	101.0		4.93	5.00
		1-10 11-20	67.64 78.07	101.0		4.75	5.00
		21-31	147.42		_	4.95	5.00
		June		101	.0		
		1-10	130.00	101.0		4.78	5.00
		11-20	141.33	11 12		5.01	5.00
		21-30	39.21	101	.0	4.96	5.00
		July					
		1-10 11-20	$110.10 \\ 68.21$	101.0		4.97 4.94	5.00 5.00
		21-31	-9.01	28		4.85	5.00
				101	.0		
		Aug. 1-10	-14.08	101.0		4.76	4.95
		11-20	-22.83	11		4.66	4.90
		21-31	16.61	и 		4.58	4,84
÷		Sept.		101	.0		
		1-10	31.77	101.0		4.53	4.79
		11-20 21-30	41.51 24.42	н		4.48 4.42	4.74 4.63
		21-00	27.72	101	.0	1. 12	1.00
		Oct.	· · · · · ·		•	<i>a</i>	4 1 7
		1-10 11-20	115.64 89.83	101.0		4,44 4,43	4.63 4.58
		21-31	211.36	n		4.52	4.52
		Nev	• •	101	.0		
		Na∨. 1−10	201.33	101.0		4.60	4.56
		11-20	240.70	H . H	50	4.67	4.50
		21-30	151.93	101	. 50	4.67	4.64
		Dec.		1 1 1			
		1-10	181.64	101.0		4.73	4.68
		$11-20 \\ 21-31$	217.35 137.75	11	50 50	4.79 4.78	4.72 4.75
		**** ****		101	.0	· · · · ·	
					101.0		

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· · · ·	••					
	Net Inflow	Dischar	rge	Spill out	WL at end	RWL
1969	(cms)	(cms))	(cms)	(m)	(m) [°]
Jan.		101.0	:		4 70	1 85
1-10 11-20	115.70 101.07	101.0			4.79 4.79	4.80 4.84
21-31	178.96	н			4.85	4.88
Feb.	·		101.0	• •		
1-10	207.42	101.0			4.94	4.92
11-20 21-28	204.49 97.67	11		29	5.02 5.00	4.96 5.00
			101.0		0.00	0.00
Mar. 1-10	50.21	101.0			4.96	5.00
11-20	75.87				4.94	5.00
21-31	145.70	ы	101.0		4.98	5.00
Apr.			101.0		•	· · · ·
1-10 11-20	88.01 154.19	101.0	·		4.97	5.00
11-20 21-30	239.08	· •		99	5.02 5.05	5.00
M	·		101.0			
May 1-10	174.69	101.0		99	5.03	5.00
11-20	200.36	0 11		·	5.03	5.00
21-31	156.97		101.0	87	5.00	5.00
June					:	
1-10 11-20	39.45 78.34	• 101.0			4.95 4.94	5.00
21-30	47.08	н			4.89	5.00
July			101.0			
1-10	-5,91	101.0			4.81	5.00
11-20 21-31	12.75 -6.29	11 11			4.74 4.65	5.00
	0.27		101.0	1	4.00	0.00
Aug. 1-10	49.97	101.0			4.51	4.95
11-20	99.10	11			4.61	4.90
21-31	216.06	́и	101.0		4.71	4.84
Sept.			101.0			
1-10 11-20	139.73	101.0			4.74 4.65	4.79 4.74
21-30	23.01	11			4.63	4.68
Oct.	н Талана (1997) Талана (1997)		101.0			
UCT. 1-10	124.76	101.0			4.51	4.63
11-20	283.21	N		50	4.71	4.58
21-31	164.03	•	101.0	50	4.72	4.52
Nov.		101-0			a '7 a	A 57
1-10 11-20	174.56 144.66	101.0	•	50 50	4.74 4.73	4.56 4.60
21-30	255.95	H		50	4.82	4.64
Dec.	•		101.0			
1-10	412.89	101.0	·	50	5.02	4.68
11-20 21-31	492.52 182.48			99 99	5.25 5.24	4.72 4.76
			101.0			
		· 		1.0		
		-I.15	5-			

1-10 11-20 21-31 1-10 11-20 21-28	Net Inflow (cms) 242.29 94.81 129.46	(cms)	Spill out (cms)	WL at end	RWL
1-10 11-20 21-31 1-10 11-20	(cms) 242.29 74.81	(cms)			· · · · · · · · · · · · · · · · · · ·
1-10 11-20 21-31 1-10 11-20	242.29 74.81	101.0	(cms)	(m)	
1-10 11-20 21-31 1-10 11-20	94.81				(m)
1-10 11-20 21-31 1-10 11-20	94.81				
11-20 21-31 1-10 11-20	94.81		4 4	5.27	4,80
1-10 11-20	127.46	11	99	5.19	4.84
1-10 11-20		" 101	99 L O	5.13	4.88
i1-2 0		101			
	101.44	101.0	7 7	5.05	4.92
21-28	126.81	**	99	4.99	4.96
	83.56		i. 0	4.98	5.00
	:			·	
1-10	28.99	101.0		4.92	5,00
11-20	125.44	n 11		4,94 5.04	5.00 5.00
21-31	212.08	101		0.04	0.00
	· ·			· · · ·	
1-10	71.01	101.0	17	5.00	.5.00
11-20 21-30	80.94 214.49			4.99 5.07	5.00
2100	×1-7×77	101	1.0	0.07	0.00
1-10	76.61	101.0	69	5.00 4.96	5.00 5.00
11-20 21-31	52.78 123.25	11		4.78	5.00
		101	1.0		
2				a	E 100
$1-10 \\ 11-20$	-7.55 9.22	101.0		4.90 4.83	5.00
21 - 30	23.98	ti		4.76	5.00
		101	1.0	-	
/	01 70	101.0		A 70	5.00
11-20	27,91	10110			5.00
21-31	112.48	11		4.65	5,00
		101	1.0		
1-10	68.31	101.0		4.63	4.95
11-20	-38.25	0		4.52	4,90
21-31	68.35	•		4.49	4.84
. · · ·		101	1.0		
	131.14	101.0		4.52	4.79
11-20	138.54	B .		4.54	4.74
21-30	96.85		• •	4.54	4.48
•		101	1.0		
1-10	179.79	101.0		4.60	4.63
11-20	23.06	11		4.54	4.58
21-31	49.15		L'A	4.50	4.52
	· · · ·	101			
1-10	94.55	101.0		4.49	4.56
11-20	188.92				4.60
21-30	/8.74	· ·	1.0	4.34	4.54
		101			
1 - 10	-8.25	101.0	· · · ·	4.45	4.68
	65.44	24			
11-20		u u		4.43	4.72 4.76
	222.86	н	1.0	4.43 4.53	4.72 4.76
	$ \begin{array}{c} 1-10\\ 11-20\\ 21-31\\\\ 1-10\\ 11-20\\ 21-31\\\\ 1-10\\ 11-20\\ 21-30\\\\ 1-10\\ 11-20\\ 21-31\\\\ 1-10\\ 11-20\\ 21-30\\\\ 1-10\\\\ 1$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

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		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1971						
	Jan.			· · ·		
	1-10	313.41	101.0		4.70	4.80
	.11-20	210.37	. P		4.79	4.94
	21 - 31	59.01	· 0		4.75	4.88
			101	. Q		
	Feb.					
	1-10	152.69	101.0		4.79	4.92
	11-20	161.89	61		4.84	4.96
	21-28	111.05	21		4.84	5.00
			101	.0		
	Mar.				·	
	1-10	57.28	101.0		4.81	5.00
	11-20	252.90	11		4.93	5.00
	21-31	176.17		1	4.99	5.00
	A		101.	.0		
	Apr.		·			
	1-10	78.93	101.0		4.78	5.00
	11-20 21-30	76.62	н		4.96	5.00
	21-30	149.06			5.00	5.00
	May		101.	.0		·
	1-10	58.92	101.0		1 01	
	11-20	54.33	101.0		4.96	5.00
	21-31	44.21	11		4.93	5.00
	21 01	44.21	101.	<u>م</u>	4.83	5.00
	June		101.	. 0		
	1-10	4.77	101.0		<i>a</i> 00	F 00
	11-20	51.11	101.0		4.80 4.77	5.00
	21-30	48.28	14			5.00
	21 00	10.20	101.	0	4.73	5.00
	July		1.7.1 -	U.		
	1-10	-9.80	101.0	·	4.64	5.00
1	11-20	-30,78	101.0		4,54	5.00
	21-31	9.00			4.46	5.00
			101.	Ŏ.	7.70	3.00
	Aug.			·~		
	1-10	103.83	101.0		4.46	4.95
	11-20	135.07			4.49	4.70
	21-31	48.87	н		4.44	4.84
			101.	0		110.1
	Sept.			-		
	1-10	173.93	101.0		4.50	4.79
	11-20	229.56	п		4.60	4.74
	21-30	-23.31	· u		4,50	4.68
			101.	0		
	Oct.					
	1-10	-44.95	101.0		4.39	4.63
	11-20	39.92	11		4.34	4.58
	21 - 31	87,28	11		4.33	4.52
			101.	O .		
	Nov.	· · · ·				
	1-10	115.44	101.0		4.34	4.56
	11-20	81.01	N .		4.33	4.60
	21-30	40.67	u - C		4.28	4.64
			101.	Ŏ Î	• •	
	Dec.		· · ·		1 - 1	
	1-10	176.64	101,0		4.35	4.68
	11-20	235.76	11		4.46	4.72
	21-31	83.33	**		4.44	4.76
			101.			
	·		1	01.0		

-1.157-

		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1972	Jan.					
	1-10	25.48	101.0		4.39	4.80
	11-20	-5.21			4.30	4.84
	21-31	9.74	[*] n		4.22	4.88
			101.	Ŏ		
	Feb.					
	1-10	154.02	98.0 "		4.27	4.92
·	11-20	95.56			4.27	4.96
	21-29	13.21	- 98.	ð	4.21	5.00
	Mar.		/ () •	0		
	1-10	1.95	98.0		4.13	5.00
	11-20	156.86	R		4.18	5.00
	21-31	93.48	н		4.17	5.00
	. *		98.	Q		1
	Apr.					
	1-10	122.68	98.0		4.19	5,00
	11-20	111.46	18 11		4.20	5.00
	21-30	269.41			4.34	5.00
	hđ		78.	0		
	May 1-10	149.30	78. 0		4.38	5.00
	11-20	203.68	7 0 • 0		4.45	5.00
	21-31	191.17			4,54	5.00
	21 01	1/111/	98.	0		
	June					
	1-10	72.42	101.0		4.52	5,00
	11-20	95.59	D.		4.51	5.00
	21-30	16.30	ы		4.45	5.00
			101.	0		
	July	70.11	101 0		a 7a	E 66
	1-10	~30.11	101.0		4.34	5.00 5.00
	11-20 21-31	-10.90 -32.39	И .		4.14	5.00
	21-01	-02.07	101.	0		0.00
	Aug.			•		
	1~10	-51.98	78. 0		4.02	4.95
	11 - 20	5.27			3.95	4.90
	21-31	163.07	75. 0		4.01	4.84
			76.	7		
	Sept.	170 07	or 0		a	4 70
	1-10	139,93	95.0		4.04 3.99	4.79
	11 - 20 21 - 30	26.94 100.54			4.00	4.68
•	المالاتين المحمد	100.04	95.	0	7.00	4.00
	Oct.		,	-		
	1-10	130.33	95.0		4.02	4.63
	11-20	79.31	11		4.01	4.58
	21 - 31	213.40	1)		4.11	4.52
			- 75.	0		
	Nov.	· · · ·			·	
	1-10	243.89	95.Q		4.23	.4.56
	11-20	297.02	Ш. т.т. с.		4.39	4.50
:	21-30	217.28	78.0	D	4.48	4.64
	Dec.		96.	0		
	1-10	16.73	78.0		4.42	4.63
	11-20	64.60	, O. C		4.39	4.72
	21-31	233.92	11 -		4.51	4,76
			98.	0	-	
				98.0		
	· · · · ·		-1.158-			

	Net Inflow	Discharge	Spill out	WL at end	RWL
				(m)	(m)
1973	(cms)	(cms)	(cms)	(1117	V1017
Jan.	· .				a 00
1-10	115.69 46.50	101.0		4.52 4.48	4.80 4.84
11-20 21-31	72.52	н		4.45	4.88
		101	.0		
Feb. 1-10	0.20	101.0		4.38	4,92
11-20	45.95	11		4.33	4.95
21-28	97.82	" 101	0	4.33	5.00
Mar.		101	• •		
1-10	126.26	101.0		4.35	5.00 5.00
11-20	99.63	nt M		4.35	5.00
21-31	254.62	101	.0		
Apr.	· · · · · · · · ·			4.53	5:00
1-10 11-20	166.40 178.14	101.0		4.59	5.00
21-30	134.76	14		4.62	5.00
		101	.0		
May 1-10	52.61	101.0		4.58	5.00
11-20	140.93	1) tr		4.61 4.63	5.00 5.00
21-31	115.77		.0	4.00	0.00
June				. <u></u>	
1-10	223.84	101.0		4.72 4.65	5.00 5.00
11-20 21-30	14.73 -6.35			4.57	5.00
2		101	.0		
July	07 00	101.0		4.47	5.00
1-10 11-20	-27.02 -47.57	101.0		4.35	5.00
21-31	136.02	н		4.38	5.00
Aug.		101	• 0.	- ,	
1-10		101.0		4.38	4.95
11-20	13.07	11 11		4.31 4.25	4.90 4.84
21-31	37,47	- 101	.0		
Sept.				4.25	4.79
1-10 11-20	97.87 100.04	101.0 "		4.25	4.74
21-30	22.02	FI.		4,19	4.68
		101			
Oct. 1-10	33.81	98.0		4.14	4.63
11-20	157.22	·		4.17 4.30	4.58 4.52
21-31	232.91		3.0		
Nov.				A	4.56
1-10	55.45 -38.72	98.0 ···		4.27 4.16	4.38 4.60
11-20 21-30	245.74	н		4.28	4.64
		98	3.Ú		
Dec. 1-10	309.38	78.0		4.44	4,58
11-20	258.75	ц		4.57	4.72
21-31	187.67	101.0	7.1	4.64	4.76
			100.3		
		-1.159-			
				. *	·

		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1974						
	Jan.	100.01	101 0			4 0.5
	1-10	122.81	101.0		4.66	4.80
	11-20 21-31	-0.82 147.72	14		4.58 4.62	4.84 4.88
	2 I - 0 I	14/./2	10	1.0	4.02	4.00
	Feb.					
	1-10	139.72	101.0		4.65	4.92
	11-20	247.95	11		4.77	4.96
	21-28	109,98	11		4.77	5.00
	· · ·		10	1.0		
	Mar.		101.0		a	E 00
	1-10	95.70	101.0		4.77	5.00 5.00
	11-20 21-31	81.96 46.43	1 1		4.71	5.00
	21-01	40.40	10	1.0	4.71	U. (40
	Apr.					
	1-10	167.19	101.0		4.76	5.00
	11-20	79,83	. 11		4.74	5.00
	21-30	23.45	**		4.68	5,00
			10	1.0		
	May					
	1-10	160.77	101.0		4.73	5.00
	11-20 21-31	128.08 73.88			4.75 4.74	5.00 5.00
	21701	7.3.00		1.0	4.74	3.00
	June					
	1-10	-8,57	101.0		4.56	5.00
	11-20	60.79	н		4.63	5.00
	21-30	223.31	11		4.72	5,00
			10	1.0		
	July	54 7 0	1			
	- 1-10	54.70	101.0		4.69 4.71	5.00 5.00
	11-20 21-31	132.82 84.72	. н		4.70	5.00
	21 UI	U 7 ,7,2	10	1.0	4.70	U . 000
	Aug.		* ···			
	1-10	25.61	101.0		4.64	4.95
	11-20	-31.05	н		4.53	4,70
	21-31	-16.29	10 a		4.43	4.84
			10	1.0		
	Sept.	174 54	101.0		4 40	3 70
	1-10	164.24	101.0		4.48	4.79
	11-20 21-30	129.91 235.37	н		4.51 4.61	4.74 4.68
		200.07	10	1.0		
	Oct.		-, -		·	
•	1-10	105.06	101.0	•	4.51	4.63
	11-20	-30.50	n		4.51	4.58
	21-31	-4.48	11		4.42	4.52
			10	1.0		
	Nov.	10 77	4.64 .6		4 70	a e**
	1-10	-19.73	101.0		4.32 4.36	4.56 4 60
	11-20 21-30	147.65 125.95	พ่		4.38	4.60 4.64
	8 1 ~ QQ	11.0.7.9	· · · ·	1.0	_r	-r•⊔+†
	Dec.		10			
·.	1-10	258.78	101.0		4.51	4.68
	ti-20	163.02	· • • • •	· · ·	4.55	4.72
	21-31	208.58	11		4.65	4.76
			10	1.0		
				101.0	1	

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-1.160-

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		Net Inflow	Discharge	Spill out	WL at end	RWL
1975		(cms)	(cms)	(cms)	(m)	(m)
Jan.						
	1-10	152.08	101.0		4.69 4.60	4.80 4.84
	1-20 1-31	-7.92 20.12			4.80	4.88
<u> </u>	1-01	TO AT	10:	1.0		
Feb.					a 0.77	
	1-10	21.36	101.0		4.47 4.41	4.92 4.96
	1-20 1-28	23,74 112,09	н		4.42	5,00
			10	1.0		
Mar.					4.49	5.00
	1-10 1-20	199:69 121.93	101.0		4.51	5.00
	1-31	84.80	11 .		4.50	5.00
			10	1.0		
Apr.	1 1 A	167 71	101.0		4.54	5. <u>0</u> 0
	1-10 1-20	163.71 154.75	101.0.		4.59	5.00
	1-30	327.42	11		4.76	5.00
			10	1.0		
May	1-10	-6.64	101.0		4.68	5.00
	1-10	3.00			4.60	5.00
	1-31	32.19			4.54	5.00
			10	1.0		
June	i-10	34.62	101.0		4.49	5.00
	1-20	-10.85	88		4.40	5.00
	1-30	-6.17			4.32	5.00
			10	1.0		
July	1-10	2.28	101.0		4.24	5.00
	1-20	183.62	78. 0		4.31	5.00
2	1-31	61.13	н Ф	9.0	4.28	5.00
Aug.			,			
	1-10	-51.50	78.0		4.15	4.95
	1-20	-31.54	88 88		4.06 3.97	4.70 4.34
2	1-31	-3.59		8.0		
Sept.						
	1-10	78.11	95.0		3.96 3.93	4.79 4.74
	1-20 1-30	66.45 125.07	11		3.76	4.68
۷.	1-30	120107	- - 7	5.0		
Oct.		*.		· · · ·	7 00	4.63
	1-10	43.18	95. 0		3.92 3.84	4.63 4.58
	1-20 1-31	2.37 38.05	12		3.80	4.52
-			9	5.0		
		7 10	of A		3.72	4.56
	1-10 1-20	-3.10 74.70	95.0 92.0	•	3.70	4.60
	1-30	193.47			3,78	4.64
		· .	9	3.0		
Dec.	1-10	81.23	92.0		3.78	4.48
	1-10	105.22			3,79	4.72
	1-31	114.75	1)		3.81	4.76
			5	2.0 98.1		· .
			~		*. •	
			-1.161			
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· · · ·	Net Inflow	Discharge Spill out	WL at end	RML.
1976	(cms)	(cms) (cms)	(m)	(m)
Jan.				
1-10 11-20	15.34 185.27	92.0	3.75 3.82	4.80 4.84
21-31	19,71	11	3.76	4.88
Feb.		92.0		
1-10	172.11	92.0	3.82	4.92
11-20 21-29	32.80 40.03	18	3.77	4.96
21-27	40.05	92.0	3.74	5.00
Mar.			·	
1-10 11-20	149.51 74.31	92.0	3.78 3.77	$5.00 \\ 5.00$
21-31	124.32	н.	3.80	5.00
Apr.		92.0		
1-10	184.35	92.0	3.87	5.00
11-20	192.47	н	3.95	5.00
21-30	157,69	92.0	4.00	5,00
May				_
1-10 11-20	78.50 146.35	92.0	3.99 4.03	5.00 5.00
21-31	20,99	95.0	3.97	5.00
June		93.1		
1-10	194.93	95.0	4.05	5,00
11-20	41.35	н	4.00	5,00
21-30	-2.25	9 5. 0	3.93	5.00
July			·	
1-10 11-20	72.68 45.77	95.0 "	3.91 3.87	5.00
21-31	-13.19	11	3.78	5.00
Aug.		95.0		
1-10	-28.82	95.0	3.68	4.95
11-20	83.60	92.0	3.67	4.90
21-31	98.68	93.0	3.48	4,84
Sept.				
1-10 11-20	-7.46 -0.06	92.0	3.60 3.53	4.79 4.74
21-30	100.19	н	3.54	4.58
Oct.		72.0		
1-10	116.87	92.0	3,55	4.63
11-20 21-31	134.69 85.14	E1 10	3.59	4.58
21.01	-1.00	92.0	3.58	4.52
Nov.	716 70			. _
1-10 11-20	315.39 191.46	92.0	3.76 3.84	4.56 4.60
21-30	155.21	п	3.89	4.64
Dec.		92.0		
1-10	90.13	92.0	3.88	4.68
11-20 21-31	214.86	u . u	3.98	4.72
2.1-31	295.19	92.0	4.15	4.76
		92.7		
		-1.162-		

				•		
		Net Inflow	Discharge	Spill out	WL at end	RWL.
		(cms)	(cms)	(cm5)	(m)	(m)
1977		(ema)				
	Jan.	151 10	95.0		4.20	4.80
	1-10 11-20	$156.60 \\ 74.21$			4.19	4.84
	21-31	125.64	. 41		4.22	4.88
			95	.0		:
	Feb. 1-10	113.26	95.0		4.23	4.92
	11-20	76.28			4.22	4.96
	21-28	79.91	" 95	0	4.21	5.00
	Mar.		70	• •		
	1-10	74.75	95.0		4.19	5.00
	11-20	120.85	11 12 ·		4.21 4.16	5.00
	21-31	35.17		.0		
	Apr.					E 00
	1-10	34,94	95.Ŭ		4.11 4.12	5.00 5.00
	11-20 21-30	110.53 172.10	н		4.20	5.00
	21 00	1 / 1 / 1 / 1	.95	.0		
	May				4.15	5.00
	1-10 11-20	40.89	95.0		4.15	5.00
	21-31	18.44	11		4.08	5,00
			95	j.o .		
	June 1-10	124.57	95. 0		4.1 0	5,00
	11-20	19.40	н		4.04	5.00
	21-30	-26.50	H		3.95	5.00
	7		. 40	5.0	· ·	· .
	July 1-10	161.34	95.Ŭ		4.00	5.00
	11-20	-112.24	**		3.84 3.67	5.00 5.00
	21-31	-102.34		5.0	· · · · · ·	0.00
	Aug.	·				1 05
	1-10	2.23	92.0		3.60 3.55	4.95 4.90
	11-20 21-31	39.28 88.18			3,55	4 84
	21-01	00.10	91	2.0	• .	
÷	Sept.		60 A		3.43	4,79
	1-10 11-20	-67.94 -23.13	72.0 86.0	1. A.	3.34	4.74
	21-30	131.62			3.38	4.58
			8	3.0		
	Oct. 1-10	299.46	86.0		3.54	4.63
	11-10	256.80	11	·	3.68	4.58
	21-31	209.82	и 	5. 0	3.78	4.52
	Nov.		8			
	1-10	241.11	92.0	ta ang sa ta s ta sa ta s	3.90	4.56
	11-20	207.15	. 14 		3.99 4.11	4.60 4.64
	21-30	245.86		2.0		
	Dec.	-			a	A 700
	1-10	238.81	95.0 "	1	4.23	4.68 4.72
÷	11-20 21-31	179.31 93.73			4.27	4.76
	1			6.1		
				93.2		
			-1.163-			

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	Net Inflow	Discharge S	Spill out	WL at end	RWL
	المرجع المالي المرجع والمرجع فلنسبخ الملحة لمرجع عطمت الملحة والمواج فلاالم	-			
1978	(cms)	(cms)	(cms)	(m)	(m)
Jan.					
1-10	44.69	98.0		4.25	4.80
11-20	82.44	1F		4.24	4.84
21-31	45.07			4.19	4.88
r=_ L_		98.0			
Feb. 1-10	8.24	98.0		4.12	4.92
11-20	161.83	"		4.17	4.94
21-28	36.85	11		4.13	5.00
		98.0			
Mar.					
1-10	72.33	98.0		4.11	5.00
11-20	71.01			4.09	5.00
21-31	84.64	78.0		4.08	5.00
Apr.		7010			
1-10	83.31	78.0		4.07	5.00
11-20	173.89	11		4.13	5.00
21-30	180.42	11		4.19	5.00
	1	98.0			
May 1-10	100 05	50 0		4 77	E 6.7
11-10	129.95 -10.15	98.0 "		4.22 4.13	5.00 5.00
21-31	28.05	11		4.07	5.00
		98. 0			0
June					
1-10	58.66	98. 0		4.04	·5.00
11-20	-76.22)) 		3.90	5.00
21-30	-44.97	95.0		3.79	5.00
July		97.0			÷
1-10	14.93	75.0		3.73	5.00
11-20	24.83	92.0		3.68	5.00
21-31	-6.54	18		3.59	5.00
		93.0			
Aug.					
1-10		92.0 84 0		3.46	4.75
11-20 21-31	0.70 14.71	86.0		3.40 3.34	4.90 4.84
. 21 31	74+11	87.9		0.04	4.04
Sept.		0,1,7			
1-10	89.62	86.0		3.34	4.79
11-20	-29.16	11		3.25	4.74
21-30	6.12	80.0		3.19	4.58
· · ·		84.0			
Oct. 1-10	-47.38	S0.0		3.09	4.63
11-20	65.56	00.0		3.08	4.58
21-31	231.88	н		3.21	4.52
		80.0			
Nov.		1.			
1-10	231.06	80.0		3.33	4.56
11-20	107.40	11 12		3.35	4.50
21-30	69.14			3.34	4.64
Dec.		00.0			
1-10	133.87	80.0		3.38	4.58
11-20	83.12	н ,		3.39	4 72
21-31	108.93	11	•	3.41	4.76
		80.0		· .	
			0.9		
		-1.164-			
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	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(cms)	(cms)	(m)	(m)
1979					
Jan. 1–10	141.90	80.0		3.46	4.30
11-20	53.94			3.48 3.44	4.84
21-31	28.71			3.39	4.88
	· · ·	- E	Q.Q		
Feb.					
1-10	-4.57	80.0		3.33	4.92
11-20 21-28	148.39 60.71	11		3.38 3.37	4.96 5.00
	00.71		0,0	- 10 - 10 - E	3.00
Mar.		_			
1-10	-15.82	80.0		3.29	5.00
11-20	110.40	11		3.32	5.00
21-31	64.83	41 		3.31	5.00
0015		· . 8	0.0	•	
Apr. 1-10	76.41 .	80.0	· .	3.30	5.00
i i -20	78.39	00.0		3.30	5.00
21-30	167.87	11		3.37	5.00
		8	0.0		
May				1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
1~10	29.01	80.0		3.33	5.00
11-20 21-31	-52,87 24,43			3.23	5.00
21 01	27,40		0.0	3.18	5.00
June					
1-10	187.42	80.0		3.27	5,00
11-20	66.87	11		3.26	5.00
21-30	24.55	ы 		3.21	5.00
1.1.1.5		8	0.0		
July 1-10	-67,72	80.0		3.10	5,00
11-20	45.40	61 1		3.07	5.00
21-31	37.08	13		3.03	5.00
		8	0.0		
Aug. 1-10	-56.67	80.0		0.07	4 05
11-20	28:21	80.0		2.93 2.89	4.95 4.90
21-31	63.27	11		2.87	4.84
		. 8	0.0		
Sept.					
1-10	182.17	80.0		2,95	4.79
11-20 21-30	127.81 -79.66	11		2.99	4.74
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	7.7.00		0.0	2.86	4.68
Oct.		6	· · · ·		
1-10	31.09	80.0		2.83	4.53
11-20	97.67	ti 		2.84	4.58
21-31	167.81	. 8	5 : <b>6</b>	2.92	4.52
Nov.		8	0.0	· · · ·	
1-10	153.07	80.0		2,97	4.56
11-20	333.13	n .		3.17	4,60
21-30	216.57	11 II		3.28	4.64
<b>_</b>	: 	80	0.0		
Dec.	-	<b>D</b> A A		~~ ~~~	a
i-10 11-20	209.72	80.0 "		3.38	4.68
11-20 21-31	123.49 31.41			3.42 3.37	4.72 4.76
21 ° 0 1	4.1 • 1 4		0.0	0.0/ j	4./0
	· · ·	0,	80.0		
:		<b>-I.16</b> 5-		·	
				· · ·	

1980 Jan. 1-1 11-2 21-3 Feb. 1-1 $11-2^2$ 21-2 Mar. $1-1^4$ $11-2^2$ 21-3 Apr. $1-1^4$ $11-2^2$ 21-3 May $1-1^4$ $11-2^2$ 21-3 June $1-1^4$ $11-2^2$ 21-3 June $1-1^4$ $11-2^2$ 21-3 June $1-1^4$ $11-2^2$ 21-3 June $1-1^4$ $11-2^2$ 21-3 June $1-1^4$ $11-2^4$ 21-3 June $1-1^4$ $11-2^4$ 21-3 June	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	80.0		WL at end (m) 3.36 3.32 3.32 3.25 3.25 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.53	RWL (m) 4.84 4.84 4.95 4.95 5.00 5.00 5.00 5.00 5.00
Jan. 1-1 11-2 21-3 Feb. 1-1 11-2 21-2 Mar. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June	(cms) 0 58.11 0 27.96 1 82.26 0 1.32 0 75.45 7 201.11 0 199.88 0 199.88 0 180.57 1 156.57 0 -22.52 0 118.15 0 79.07 0 171.59	(cms) 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0	(cms) .0 .0	(m) 3.36 3.32 3.32 3.26 3.25 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.50	(m) 4.80 4.84 4.95 4.95 5.00 5.00 5.00 5.00
Jan. 1-1 11-2 21-3 Feb. 1-1 11-2 21-2 Mar. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June	(cms) 0 58.11 0 27.96 1 82.26 0 1.32 0 75.45 7 201.11 0 199.88 0 199.88 0 180.57 1 156.57 0 -22.52 0 118.15 0 79.07 0 171.59	(cms) 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0	(cms) .0 .0	(m) 3.36 3.32 3.32 3.26 3.25 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.50	(m) 4.80 4.84 4.95 4.95 5.00 5.00 5.00 5.00
Jan. 1-1 11-2 21-3 Feb. 1-1 11-2 21-2 Mar. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0 " 80.0	.0	3.36 3.32 3.32 3.26 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.50	4.80 4.84 4.95 4.95 5.00 5.00 5.00 5.00
Jan. 1-1 11-2 21-3 Feb. 1-1 11-2 21-2 Mar. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 May 1-10 11-20 21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	" 80 80.0 " 80 80.0 " 80 80.0 " 80	.0	3.32 3.32 3.26 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.53	4.84 4.95 4.95 5.00 5.00 5.00 5.00
$\begin{array}{c} 11-2\\ 21-3\\ \\ Feb.\\ 1-1\\ 11-2\\ 21-2\\ \\ Mar.\\ 1-10\\ 11-20\\ 21-3\\ \\ Apr.\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ May\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ June\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ June\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ July\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ July\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ \\ July\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ \\ \\ July\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ \\ \\ \\ July\\ 1-10\\ 11-20\\ 21-3\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	" 80 80.0 " 80 80.0 " 80 80.0 " 80	.0	3.32 3.32 3.26 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.53	4.8 4.9 4.9 5.0 5.0 5.0 5.0
$\begin{array}{c} 21-3\\ Feb.\\ & 1-1\\ & 11-2\\ & 21-2\\ \\ Mar.\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ Apr.\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ May\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ June\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ July\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ July\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ July\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ \\ July\\ & 1-1i\\ & 11-2i\\ & 21-3\\ \\ \\ \end{bmatrix}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	" 80 80.0 " 80 80.0 " 80 80.0 " 80	.0	3.32 3.26 3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.53	4.8 4.9 4.9 5.0 5.0 5.0 5.0
Feb. 1-1 11-2 21-2 Mar. 1-1 11-2 21-3 Apr. 1-1 11-2 21-3 May 1-1 11-20 21-3 May 1-10 11-20 21-3 June 1-14 11-20 21-3 June 1-14 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 May 1-16 11-20 21-3 June 1-16 11-20 21-3 June 1-16 11-20 21-3 Juny 1-16 11-20 21-3 Juny 1-16 11-20 21-3 Juny 1-16 11-20 21-3 Juny 1-16 11-20 21-3 Juny 1-16 11-20 21-3 Juny	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	80.0 " 80 80.0 " 80 80.0 " 80	.0	3,26 3,25 3,34 3,43 3,51 3,58 3,50 3,50 3,53	4.9 4.9 5.0 5.0 5.0 5.0
1-1 $1-2$ $21-2$ Mar. $1-10$ $11-20$ $21-3$ Apr. $1-10$ $11-20$ $21-30$ May $1-10$ $11-20$ $21-30$ June $1-10$ $1-10$ $11-20$ $21-30$ June $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$ $1-10$	$\begin{array}{cccc} & 75.45 \\ 7 & 201.11 \\ 0 & 199.88 \\ 0 & 180.57 \\ 1 & 156.57 \\ 0 & -22.52 \\ 0 & 118.15 \\ 0 & 79.07 \\ 0 & 171.59 \end{array}$	" 80.0 " 80.0 80.0 " 80.0	.0	3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.53	4.9 5.0 5.0 5.0 5.0
11-2 21-2 Mar. 1-1 11-2 21-3 Apr. 1-1 11-2 21-3 May 1-1 11-2 21-3 June 1-1 11-2 21-3 June 1-1 11-2 21-3 Juny 1-1 11-2 21-3 Aug.	$\begin{array}{cccc} & 75.45 \\ 7 & 201.11 \\ 0 & 199.88 \\ 0 & 180.57 \\ 1 & 156.57 \\ 0 & -22.52 \\ 0 & 118.15 \\ 0 & 79.07 \\ 0 & 171.59 \end{array}$	" 80.0 " 80.0 80.0 " 80.0	.0	3.25 3.34 3.43 3.51 3.58 3.50 3.50 3.53	4.9 5.0 5.0 5.0 5.0
21-2 Mar. 1-10 11-20 21-3 Apr. 1-10 11-20 21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 Agr. June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June	$\begin{array}{cccc} 9 & 201.11 \\ 0 & 199.88 \\ 0 & 180.57 \\ 1 & 156.57 \\ 0 & -22.52 \\ 0 & 118.15 \\ 0 & 79.07 \\ 0 & 171.59 \end{array}$	80.0 " 80.0 80.0 " 80.0	.0	3.34 3.43 3.51 3.58 3.50 3.50 3.53	5.0 5.0 5.0 5.0
1-14 11-22 21-3 Apr. 1-14 11-24 21-3 May 1-14 11-24 21-3 June 1-14 11-24 21-3 June 1-14 11-24 21-3 Juny 1-14 11-24 21-3 Juny 1-14 11-24 21-3 June	0       180.57         1       156.57         0       -22.52         0       118.15         0       79.07         0       171.59	80.0 " 80.0 80.0 " 80.0	.0	3.51 3.58 3.50 3.53	5.0 5.0
1-11 11-22 21-3 Apr. 1-10 11-20 21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June 1-10 11-20 21-3 June	0       180.57         1       156.57         0       -22.52         0       118.15         0       79.07         0       171.59	" 80.0 " 80.0		3.51 3.58 3.50 3.53	5.0
11-2 21-3 Apr. 1-1 11-2 21-3 May 1-1 11-2 21-3 June 1-1 11-2 21-3 June 1-1 11-2 21-3 July 1-1 11-2 21-3 Aug.	0       180.57         1       156.57         0       -22.52         0       118.15         0       79.07         0       171.59	" 80.0 " 80.0		3.51 3.58 3.50 3.53	5.00
Apr. 1-10 11-20 21-30 May 1-10 11-20 21-3 June 1-10 11-20 21-3 Juny 1-10 11-20 21-3 July 1-10 11-20 21-3 July 1-10 11-20 21-3 July 1-10 11-20 21-3 July 1-10 11-20 21-3 July 1-10 11-20 21-3 July 1-10 11-20 21-3 July 1-10 11-20 21-3 June 1-10 11-20 21-3 June	0 -22.52 0 118.15 0 79.07 0 171.59	80.0 " " 80.0		3.58 3.50 3.53	5.0
1-1 11-2 21-3 May 1-1 11-2 21-3 June 1-1 11-2 21-3 July 1-1 11-2 21-3 July 1-1 11-2 21-3 July 1-10	0 118.15 0 79.07 0 171.59	80.0 " 80		3.53	
1-1 11-2 21-3 May 1-1 11-2 21-3 June 1-1 11-2 21-3 July 1-1 11-2 21-3 July 1-1 11-2 21-3 July 1-10	0 118.15 0 79.07 0 171.59	" " 80		3.53	
21-3 May 1-10 11-20 21-3 June 1-10 11-20 21-30 July 1-10 11-22 21-3 Aug.	0 79.07 0 171.59	" 80		3.53	5 0
May 1-10 11-20 21-3 June 1-10 11-20 21-30 July 1-10 11-20 21-3 July 1-10 11-20 21-3	0 171.59	80	·		
1-10 11-20 21-3 June 1-10 11-20 21-30 July 1-10 11-22 21-3 Aug.			- Ch	3.53	5.0
11-24 21-3 June 1-14 11-29 21-30 July 1-14 11-24 21-3 Aug.		00 0	• •	•	
21-3 June 1-10 11-20 21-30 July 1-10 11-22 21-3 Aug.	0 108.92			3,60	5.0
June 1-10 11-20 21-30 July 1-10 11-20 21-30 Aug.		11 . tr		3.62	5.0° 5.0°
1-10 11-20 21-30 July 1-10 11-20 21-30 Aug.	1	80	.0	3,59	5.0
11-29 21-30 July 1-10 11-20 21-30 Aug.					
21-30 July 1-10 11-20 21-3 Aug.		80.0 "		3.60 3.50	5.0
1-10 11-20 21-3 Aug.				3.42	5.0 5.0
1-10 11-20 21-3 Aug.		80	.0		
11-20 21-3 Aug.	) -11.29	80.0		7 75	E 0.
21-3. Aug.		80.0		3.35 3.27	5.0
				3.21	5.0
		80	.0		
1-10	) 126.31	80.0		3.24	4.9
11-20	) 11.98	1 <b>H</b>		3.19	4.7
21-3.	-18.90	u O O	~	3.11	4.84
Sept.		80	.0		
1-10		80.0		3.04	4.7
11-20		и . и		2.78	4.74
21-30	54.19		. 0	2.96	4.6
Oct.		00	•	· .	
1-10		80.Q		2.97	4.6
11-20 21-31		л 1)	-	2.94	4.58 4.52
		80	.0	2.00	~ <b>f</b> ∎ U.
Nov.				<b>_</b>	
1-10 11-20		80.0		2.88 2.98	4.50
21-30				3.11	4.60
_		80	.0		
Dec. 1-10	78,40	80.0			در او [:]
11-20		80.0 "		3.11 3.15	4.68 4.71
21-31		" 60		3.19	4.76

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			· .		· · ·	
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(m)
1981				• •		
	Jan. 1-10	176.81	80.0		3,27	4.80
	11-20	48.72	н	•	3.24	4.84
	21-31	41.30	n . DA	0	3.21	4.88
	Feb.		80.	.0		
	1-10.	62.50	80.0		3.19	4.92
·	11-20	101.85	н Га		3.21	4.96
	21-28	190,98		. 0	3.28	5.00
	Mar.					
	1-10	27.12	80.0		3.24	5.00
	11-20 21-31	-4.23 8.50	U .		3.17	5.00 5.00
	AL VA	the B the w	80	.0		
	Apr.		00.0		3.23	5.00
	1-10 11-20	224.95 59.37	80.0		3.23 3.21	5,00
	21-30	71.70	11		3,20	5.00
	M.		80	.0		
	May 1-10	313.48	80.0		3.39	5.00
	11-20	107.91			3.41	5.00
	21-31	157.07			3.48	5.00
	June		80	.0		
	1-10	124.46	80.0		3.51	5.00
	11-20	-91.56	••		3.38	5.00
	21~30	-34.00	"	0	3.29	5.00
	July		80	.0		
	1 - 10	2.40	80.0		3.23	5.00
•	11-20	2.71	U IF	· ·	3.17	5.00
	21-31	-28.41		- 0	3.07	5.00
	Aug.			••		a
	1~10	-91.91	80.0 "		2.94	4.95
	$\frac{11-20}{21-31}$	-56.41 90.30	11		2.83 2.84	4.90 4.84
		/0.00	80	.0		
	Sept.					4 70
1	1-10 11-20	121.52 131.01	80.0		2.87 2.91	4,79 4,74
	21-30	-36,45	12		2.82	4.68
			80	.0		
	Oct. 1-10	62.47	80,0		2.81	4.63
	11-20	42.44	, н		2.78	4.58
	21-31	208.54		_	2.89	4.52
	Nov.		80	• 0		
	1-10	12.55	80.0		2.84	4.56
	11-20	19.56	<b>H</b>		2.79	4.60
	21-30	21,92		Ŏ.	2.74	4.64
	Dec.	• :	00	• ***		
	1-10	36.85	80.0		2.71	4.68
	11-20	17.98	31		2.65	4.72 4.76
	21-31	27.78	80	.0	4.04	Τ./Ο
				80.0	• • •	
			-I.167-			

			•			
	· .			-		
	·	Net Inflow	Díscharg	e Spill out	WL at end	RWL
1000	.*	(cms)	(cms)	(cms)	(m)	(前)
1982	Jan.					
	1-10	15.89	80.0		2.57	4.80
	11-20	-21,37	14		2.49	4.84
	21-31	29.20	11		2.44	4.88
	r** L_			80.0		
-	Feb. 1-10	241.79	80.0		2.57	4.92
	11-20	14.11			2.52	4.95
	21-28	102.90	H		2.53	5.00
			·	80.0		
	Mar.					
	1-10	115.01	80.0		2.56	5.00
	11-20	130.16	1) · ·		2.60	5.00
	21-31	258.00		80.0	2.75	5,00
	Apr.			80.0		
	1-10	198.92	80.0		2.85	5.00
	11-20	381.24			3,08	5.00
	21-30	232.70	11		3.20	5.00
				B0.0		
	May					
	1-10	249.51	80.0		3,34	5.00
	11-20	275.24	. 4		3.49	5.00
	21-31	172.00		B0.0	3.57	5.00
	June					
	1-10	17.66	80.0		3,52	5.00
	11-20	77.07	. 11		3,52	5.00
	21-30	-1.44	11		3.45	5.00
	7 7		:	30.0		
	July 1-10	15.39	80.0		7 40	E 00
	11-20	-45.28	80.0		3.40 3.30	5.00
	21-31	47.99	н		3.28	-5.00
			:	B0.0		<b></b>
	Aug.					
	1-10	-0.91	80.0		3.21	4.95
	11-20	37.25	88 33		3.18	4.90
	21-31	56.59		30.0	3.16	4.84
	Sept.			50.0		
	1-10	13.33	80.0		3.11	4.79
	11-20	97.82			3.12	4.74
	21-30	119.79	11		3.15	4.63
			:	30.0		
	Oct.					
	1-10	122.91	. 80.0 ·		3.17	4.63
	11-20 21-31	161.44 130.23		· ·	3.25 3.30	4.58
	1. 1.	100.10		30.0	0.00	4.52
	Nov.			2010		
:	1-10	161.27	80.0		3.36	4.56
	11-20	173.14			3,43	4.60
	21-30	53.40		<u> </u>	3.41	4.64
	·		1	30.0	:	
	Dec. 1-10	104 59	80.0		7 47	
	11-20	104.22	80.0		3.43 3.39	4.68 4.72
	21-31	112.41		e de la construction de la const	3.42	4.72
		–	:	30.0		
				80.0		

-I.168-

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			• .		
	Net Inflow	Discharge	Spill out	WL at end	RWL
	(cms)	(ເສສ)	(cms)	(m)	(m)
1983					
Jan. 1–10	136.99	80.0	· .	3.47	4.80
11-20	27.72	1)	·	3.43	4.84
21-31	-1.47	11		3.36	4.88
Feb.		90	0.0		
1-10	-7.84	80.0		3.29	4.92
11-20	20.10			3.24	4.95
21-28	51.75	· u	<b>.</b>	3.22	5.00
Mar.		0	J. U		
1-10	34.09	80.0	1. A.A.	3.18	5.00
11-20	197.34	н л		3.28	5.00
21-31	13.54		5.0	3.22	5.00
Apr.		04			
1-10	10.38	80.0		3.16	5.00
11-20	12.07	· • • • • • • • • • • • • • • • • • • •		3.11 3.12	5.00 5.00
21-30	90.63		0.0		0.00
May					
1-10	100.71	80.0		3.14 3.15	5.00 5.00
11-20 21-31	102.32 52.52	E \$		3.13	5.00
		80	0.0		
June	00.30	<b>6</b> 0 0	:	3.09	5,00
1-10 11-20	28.70 42.65	80.0		3.05	5.00
21-30	-55.51			2.95	5.00
		80	0.0		
July 1-10	32.00	80.0		2.92	5.00
11-20	32.70	88		2.88	5.00
21-31	48.14	"	~ ~	2.85	5.00
Aug.	•	81	0.0		
1-10	23.40	80.0		2.81	4.95
11-20	-14.57	11 11	· ·	2.73	4.90
21-31	39.13		0.0	2.70	4.84
Sept.					
1-10	186.74	80.0		2.78	4.79
11-20	149.09	· II II		2.84 2.83	4.74 4.68
21-30	75.79		0.0	ليني ولغ	د ه سه سه د
Oct.				<b>_</b>	. · -
1-10 11-20	66.39 254 44	80.0		2.82 2.96	4.63 4.58
11-20 21-31	256.64 125.40	11		3.00	4.52
		80	0.0		•
Nov.	17 EA	80.0	•	2,95	4.56
1 - 10 11 - 20	17.50 -43.18	80.0		2.85	4.60
21-30	183.30	н <b>Н</b>	· · ·	2.93	4.64
<b>T</b>		80	0.0		
Dec. 1-10	196.83	80.0		3.03	4.68
11-20	285.13	11 ¹		3.19	4.72
21-31	74.68	41 ·		3.18	4.76
* .		80	0.0 80.0		
		-1.169-		· · ·	
		-1.109			

		· ·				
		Net Inflow	Discharge	Spill out	WL at end	RWL
		(cms)	(cms)	(cms)	(m)	(而)
1984						
	Jan.	70 1/	00.0		3.18	4.80
	1-10 11-20	72.46 317.39	80.0		3.36	4.80
	21-31	391.93	н		3.63	4.88
	*** ***	074470	80	.0		
	Feb.					
	1-10	160.47	80.0		3.70	4.92
·	11-20	160.22			3.76	4.96
	21-29	218.46	92.0	-7	3,85	5.00
	ht - un		83	• /		
	Mar. 1-10	110.41	92.0		3.86	5.00
	11-20	143.74	72.0		3,90	5.00
	21-31	256.29	н		4.05	5.00
			92	.0		
	Apr.					
	1-10	149.99	95.0		4.07	5.00
	11-20	139.09	н	•	4.12	5.00
	21-30	104.19	" `		4.13	5.00
	bd maa		95	.0	•	
	May 1-10	724 75	95.0		4.34	5.00
	1-10 11-20	361.35 178.86	93.0 98.0		4.42	5.00
	21-31	133.20	78.U "		4.45	5.00
	x * 0 T	100.29				
	June			-		
	1-10	90.45	78.O		4.44	5,00
	11-20	29.69	11		4.39	5.00
	21-30	-7.43	н		4.31	5.00
			98	3.0		
	July 1-10	19 EQ	00 A		4.26	5.00
	$1-10 \\ 11-20$	42.59 94.34	98.0 "		4.28	5,00
	21-31	69.13	н		4 24	5,00
	4°4° 1,46	STILS -	98	3.0		
	Aug.					
	1-1Ŏ	23.96	78.0		4.18	4.95
	11-20	-55.02	18		4.06	4.90
	21-31	14.09			3.98	4.84
	0		98	3.0		
	Sept.	_10 51	05 0		3,89	4.79
	1-10 11-20	-19.51 93.90	95.0 "		3.87	4.74
	21-30	42.73	н		3.85	4.68
	10 A 10	· T 4. • 7 · 4	95	5.0	and an and an	
	Oct.					
-	1-10	5.10	95.0		3,78	4.63
	11-20	68.26			3.76	4.58
	21-31	35.63	<b>21</b>		3.71	4.52
			95	5.0		
1	Nov.		<u> </u>		- <u>-</u>	1 -
	1-10	118.51	92.0	:	3.73 3.76	4.56 4.60
	11-20	130.57			3.87	4.50
	21-30	221.71		2.0	··· · · /	7.04
	Dec.		74	μ <b>μ</b> \ν.*		
	.1-10	165.23	92.0		3.93	4.68
	11-20	87.48	n		3.92	4.72
	21-31	79.07	11		3.91	4.76
		•	92	2.0		
				93.0		
			-I.170-		· · · · ·	

	Net Inflow	Discharge	Spill out	WL at end	RWL
1785	(cms)	(cms)	(cms)	(m)	(m)
Jan.					1997 - A.
1-10	197.65	92.0	•	4.00	4,80
11-20	20.45			3.94	4.84
21-31	107.78	14		3.95	4.88
		92	.0		

Discharge Duration for Power Generation

Discharge m ³ /s	Days	<u></u>	Accumulated %
101.0	6660	42.32	42.32
<b>78.</b> 0	2661	16.91	59.23
95.0	2262	14.37	73.60
92.0	1728	. 10.98	84,58
86.0	448	2.85	87.43
80.0	1979	12.57	100.00
0.0	0	0.00	100.00

15738

· · · ·	Aug. thru Feb. & lower than WL905.0m	during flood above WL905.0m	Total
Spill out	24,607 (cms-day)	64,604 (cms-day)	89,211 (cms-day)

Average

95.57 (cms)

Table I - 6

OPERATION OF LAKE TOBA

CASE V'

(Tentative Operation prior to Completion of Urgent Flood Control Project)

Daily Operation

230 ' Operation of Lake Toba 231 ' 232 IF YR=1931 THEN THEN R=101:SP=200-R:GOTO 250 IF WE>=5 235 IF WL>=5.5 THEN R=101:SF=400-R 240 IF WLK 5.5 THEN R=101:SP=300-R 244 IF WLK 5.2 SP=250-R THEN 246 IF WL< 5.1 THEN SP=200-R 250 IF WL< 5 THEN IF WL>RWL+.2 THEN SP=75 ELSE IF WL>RWL THEN SF=50 ELSE SF=0 260 IF WL<=4.52 THEN SP=0 261 262 IF Q=101 THEN IF WL<4.25 THEN R= 98 ELSE R=101 THEN R= 95 ELSE IF WL>4.5 THEN R=101 ELSE R= 98 264 IF Q= 98 THEN IF WL<4 266 IF Q= 95 THEN IF WL<3.75 THEN R= 92 ELSE IF WL>4.25 THEN R= 98 ELSE R= 95 268 IF Q= 92 THEN IF WL<3.5 THEN R= 86 ELSE IF WL>4! THEN R= 95 ELSE R= 92 270 IF Q= 86 THEN IF WL<3.25 THEN R= 80 ELSE IF WL>3.75 THEN R= 92 ELSE R= 86 274 IF Q= 80 THEN IF WL<2.4 THEN R= 0 ELSE IF WL>3.75 THEN R= 92 ELSE R= 80 THEN IF WL>2.4 THEN R= 80 ELSE R= 0 276 IF Q= 0 285 RETURN 299 '

## -I.173-

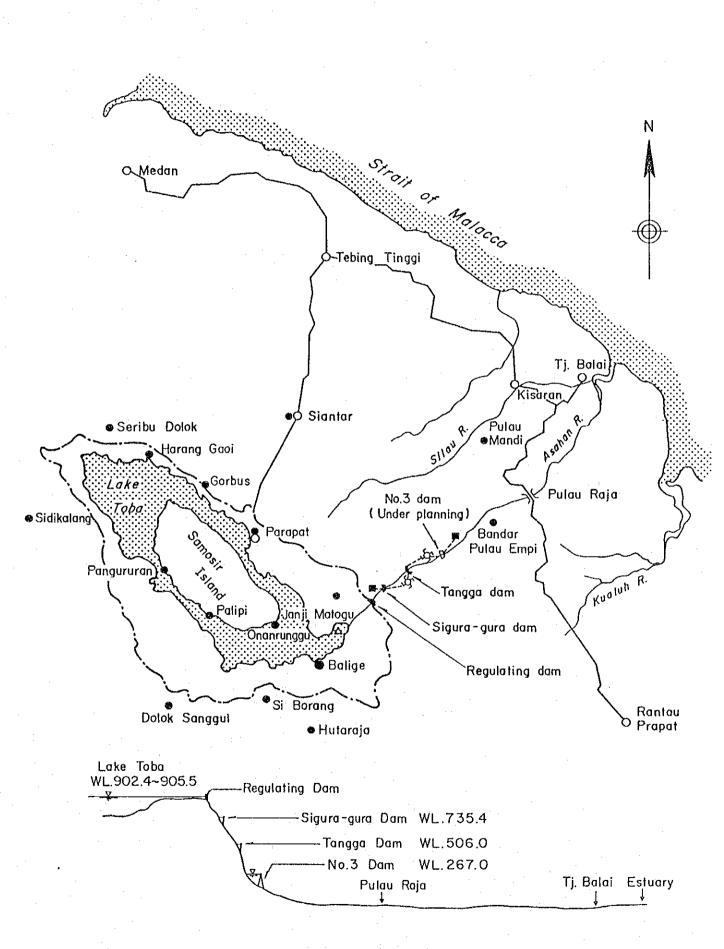
	· · · · ·	Siruar Q (cms)	N WL (m)	Net Inflow (cms)	Discharge 	Spill (cms)	WL(m)	RWL 
	1931 Sept			( <b>G</b> , <b>G</b> , <b>D</b> , <b>F</b>	(2007)	( La 111 a.P )	904.810	704.680
· .	Oct.		و و سر			má		4.675
	1 2	134.0 133.0	5.66 5.64	-120.62 -121.64	101 101	- 50 50	4.789 4.767	4.670
	3	132.0	5.62	-122.63	101	50	4.746	4.665
		130.0	5.60	2.69	101	50	4.734	4.660
	4 5	129.0	5.59	1.68	101	50	4.722	4.655
		129.0	5.58	1.67	101	50	4.711	4.650
	ර 7	129.0	5.57	1.68	101	50	4.697	4.645
	8			0.69	101	50	4,687	4.640
	. 9	128.0	5.56				4.667	4.635
		126.0	5.55	-1.32 -3.32	101	50		
	10	124.0	5.54	-3.32 -36.11	101	50.	4.663	4.630
		1	·					
	11	124.0	5.53	-3.31	101	50	4.651	4.625
	12	123.0	5.52	-131.63	101	50	4.629	4.620
	- 13	122.0	5,50	-5.31	101	50	4.616	4.615
	14	122.0	5.47	-5.32	101		4.608	4.610
	15	122.0	5.48	-5.31	101		4.600	4,605
	16	120.0	5.47	-7.32	101		4.591	4.600
	17	117.0	5.46	-8.32	101		4.583	4,595
	18	118.0	5.45	-7.31	101		4.574	4.590
	19	118.0	5.44	-9.32	101		4.565	4.585
	20	117.0	5.43	-10.31 -19.55	101		4.557	4.580
	1	116.0	5 43	11 70	101		4.548	4.575
	21 22	115.0	5.42 5.41	-11.32 115.00	101		4.549	4.570
	23	114.0	5.41	241.32	101		4.560	4.565
	24	117.0	5.42	-8,32	101		4.551	4,550
	25	112.0	5.41	1257.84	101		4.642	4.555
	26	123.0	5.50	377.63	101	50	4.660	4,550
	27	127.0	5.52	1400.15	101	50	4.758	4.545
	28	138.0	5.62	138.00	101	75	4.755	4.540
	29	136.0	5.62	8.48	101	75	4.742	4.535
	30	132.0	5.61	132.00	101	75	4.738	4.530
	31	131.0	5.61	131.00	101	75	4.735	4.520
		101.0	0.01	343.82		70	4.700	
	· ·					·		
		·.						. •
		1. S.						
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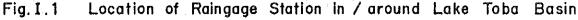
	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL	RWL
	(cms)	(m)	(cms)	(cms)	(cms)	(m)	(m)
Nov.						•	
1	130.0	5.6t	2.69	101	75	4.721	4.524
2	129.0	5.60	1.67	101	50	4.710	4.528
3	129.0	5.57	1.48	101	50	4.678	4.532
4	128.0	5.58	Ŭ.69	101	50	4.686	4,536
5	127.0	5.57	870.87	101	50	4,744	4.540
6	130.0	5.63	1148.52	101	75	4.821	4.544
7	146.0	5.71	18.68	101	75	4.808	4.548
8	145.0	5.70	17.69	101	75	4.796	4.552
9	140.0	5.69	140.00	101	75	4.793	4.556
10	138.0	5.69	138.00	101	75	4,790	4.560
			236.05	5			
11	136.0	5.69	8,48	101	75	4.777	4.564
12	135.0	5.68	7.69	101	75	4.764	4.568
13	135.0	5.67	7.68	101	50	4.752	4.572
14	133.0	5.66	5.69	101	50	4.741	4.576
15	131.0	5.65	3.69	101	50	4.729	4,580
15	130.0	5.64	1148.52	101	50	4.808	4.584
17	143.0	5.72	143.00	101	75	4.805	4.588
18	140.0	5.72	12.68	101	75	4.792	4.592
19	137.0	5.71	264.32	101	50	4.801	4.596
20	138.0	5.72	519.94	101	75		4.600
			212.19	2			
21	141.0	5:75	650.26	101	75	4.865	4.604
22	146.0	5.79	146.00	101	75	4.863	4.608
23	145.0	5.79	272.32	101	75	4.871	4.612
24	148.0	5.80	275.31	101	75	4.878	4.615
: 25	147.0	5.81	403.63	101	. 75	4.896	4.620
26	155.0	5.83	27.69	101	75	4.885	4.624
27	149.0	5.82	21.68	101	75	4.873	4.628
28	146.0	5.81	18.67	101		4,860	4.632
29	145.0	5.80	17.68	101	75	4.848	4.636
30	144.0	5.79	16.68	101	75	4.835	4.640
			184.95	<b>,</b>			

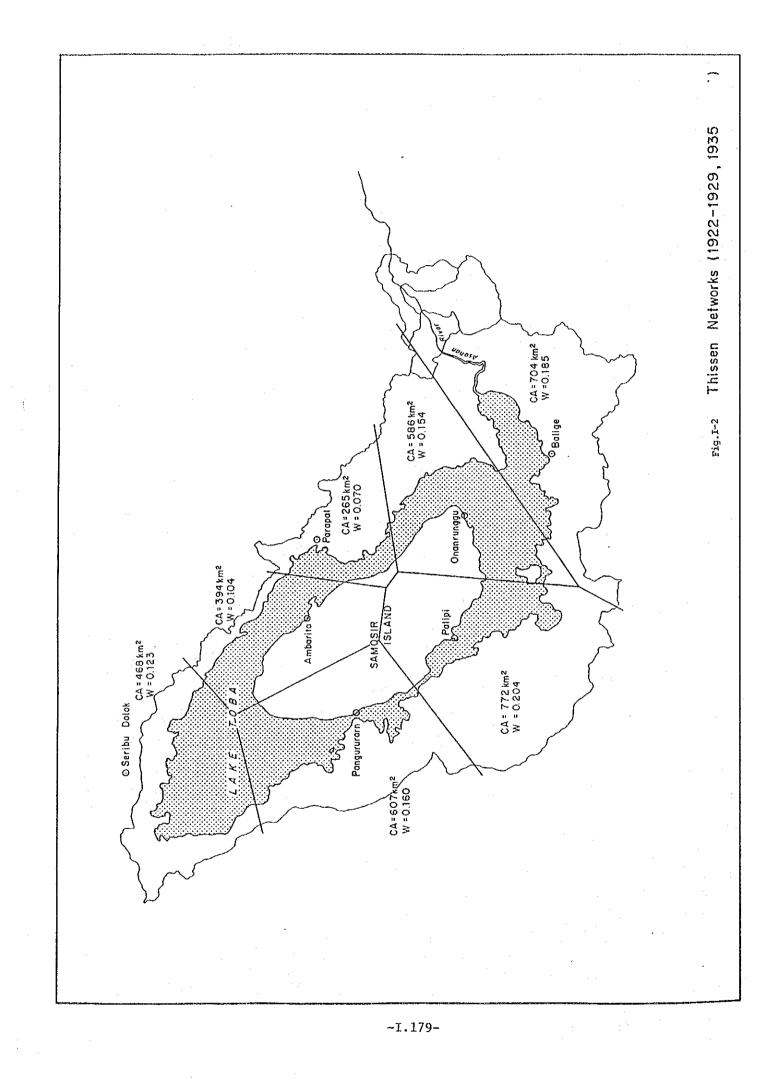
	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL_	RWL_
•	(cms)	(m)	(cms)	(cms)	(cms)	(m)	(m)
Dec.		· .					
1	143.0	5.78	652.26	101	50	4.875	4.644
2	150.0	5.82	277.31	101	75	4.883	4.648
3	151.0	5.83	405.63	101	75	4.901	4.652
. 4	156.0	5.85	156.00	101	75	4.877	4.656
5	154.0	5.85	1427.15	101	75	4.997	4.660
6	160.0	5.95	2578,99	101	75	5.186	4.664
7		6.14	425.62	101	99	5.204	4.668
8	175.0	6.16	175.00	101	55	5.202	4.672
9	174.0	6.16	46.69	101	<del>7</del> 7	5.190	4.676
10	172.0	6.15	44.69	101	<b>9</b> 9	5,178	4.680
			618.93	3		·	-
11	171.0	6.14	1953.40	101	<del>9</del> 9	5.315	4,684
12	188.0	6.28	60.69	101	<b>7</b> 7	5:304	4.688
13	185.0	6.27	185.00	101	57	5.303	4,692
14	185.0	6.27	-69.63	101	99	5,282	4.696
15	180.0	5.25	180.00	101	99	5.280	4.700
16	180.0	6.25	180.00	101	55	5.279	4.704
17	180.0	6.25	52.69	101	99	5.267	4.708
18	179.0	6.24	179.00	101	99	5.266	
19	179.0	6.24	179.00	101	<del>99</del>	5.264	
20	178.0	6.24	305.31	101	<b>77</b>	5.272	
			320.55				
21	179.0	6.25	51.69	101	· · · ዎዎ	5.261	4.724
22	177.0	6.24	177.00	101	99	5.259	4.728
23	177.0	6.24	177.00	101	99	5,257	4.732
24	177.0	6.24	177.00	101	99	5.255	4.736
25		6.24	431.62	101	99	5.273	4.740
26		6.26	1324.84	101	99	5 362	-
27	174.0		66.69	101	99	5.351	4.748
28	188.0	6.34	188.00	101	<del>7</del> .9	5.350	4.752
29	188.0	6.34	1588.46	101	99	5.459	4.756
30	202.0	6.45	329.32	101	99	5.470	
31	202.0	6.46	74.68	101	99	5.460	4.760
			416.94			<b></b>	

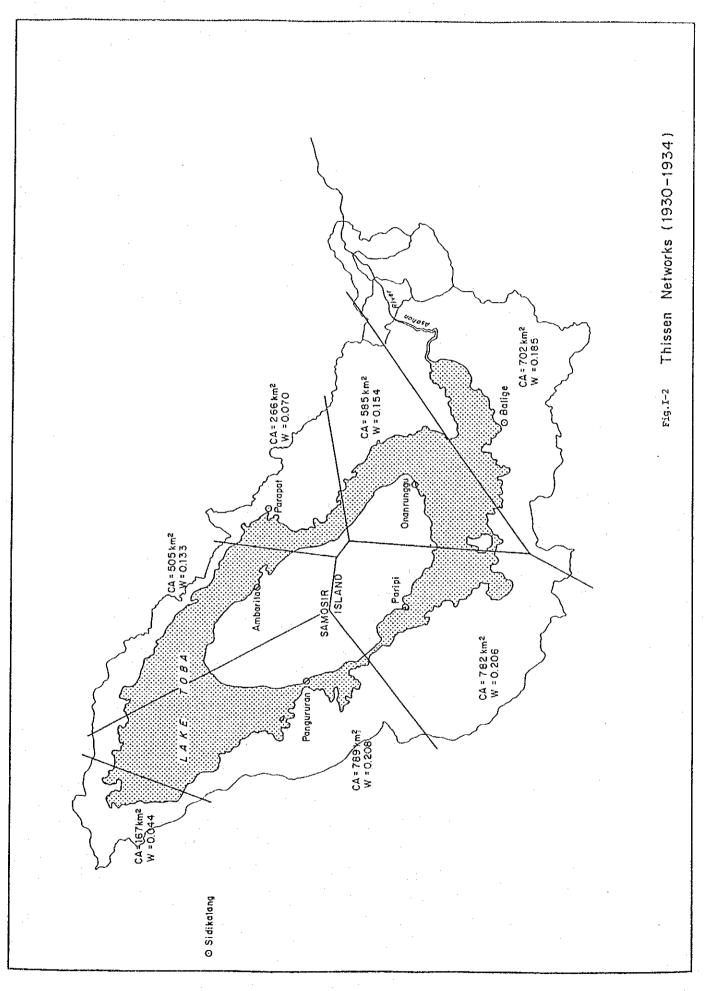
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	Siruar Q	N WL	Net Inflow	Discharge	Spill	WL	RWL
	(cms)	(m)	(cms)	(cms)	(cms)	(m)	(m)
1932			÷ *				
Jan.							
1	195.0	6.45	195.00	101	59	5.459	4 764
2	196.0	6.45	68.69	101	59	5.449	4.758
3	194.0	6.44	-60.64	101	99	5.429	4.772
4	192.0	6.42	-62.62	101	99	5.408	4.776
· 5	189.0	6.40	-65.63	101	59	5.387	4.780
6	188.0	6.38	60.68	101	59	5.376	4.784
7	188.0	6.37	60.68	101	99	5.365	4.788
S	187.0	6.36	-65.62	101	<b>7</b> 7	5.344	4,792
9	198.0	6.34	-66.63	101	99	5.323	4.796
10	186.0	6.32	58.48	101	77	5.312	4.800
			12.20				
- 11	184.0	6.31	56.69	101	<del>9</del> 9	5.301	4,804
12	182.0	6.30	54.48	101	77	5.290	4.808
13	182.0	6.29	-72.63	101	ዎዎ	5.268	4.812
14	180.0	6:27	52.68	101	59	5.257	4.815
15	178.0	6.26	50.69	101	99	5,245	4.820
t S	177.0	6.25	49.69	101	<b>7</b> 7	5.233	4.824
17	176.0	6.24	-78.63	101	<del>7</del> 7	5.211	4,828
18	175.0	6.22	175.00	101	99	5.209	4.832
19	174.0	6.22	301.31	101	99	5.217	4.836
20	178.0	6.23	178.00	101	<del>7</del> 7	5.215	4.840
			76.75	5			
21	178.0	6.23	50,69	101	<b>7</b> 9	5.204	4.844
22	178.0	6.22	50.68	101	99	5.192	4.848
23	176.0	6.21	48.68	101	99	5.180	4.852
24	175.0	6.20	47.69	101	99	5.148	4.856
25	174.0	6.19	46.68	101	59	5.156	4.860
26	17410	6.18	46.59	101	99	5.144	4,864
27	173.0	6 17	45.68	101	79	5.132	4.868
28	172.0	6.16	299.32	101	<del>7</del> 7	5.140	4.872
29	174.0	6,17	46.68	101	99	5.128	4.876
30	174.0	6.16	46.69	101	99	5.116	4.880
31	173.0	6.15	45.69	101	69	5.104	4.880
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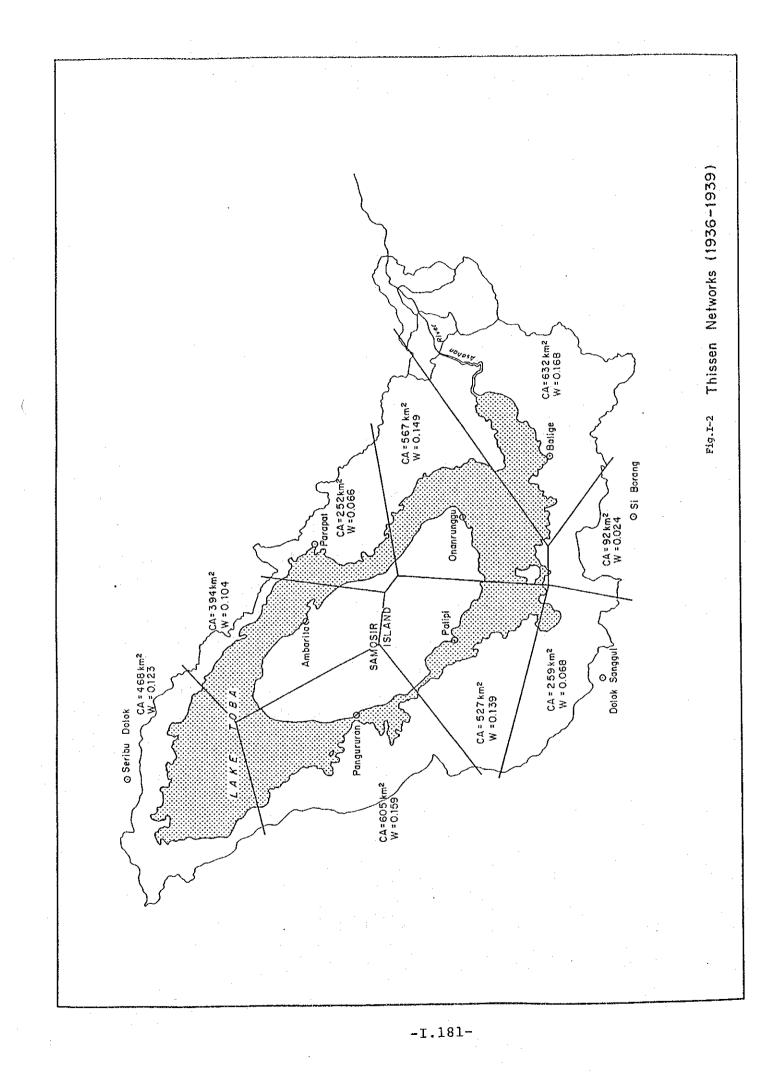


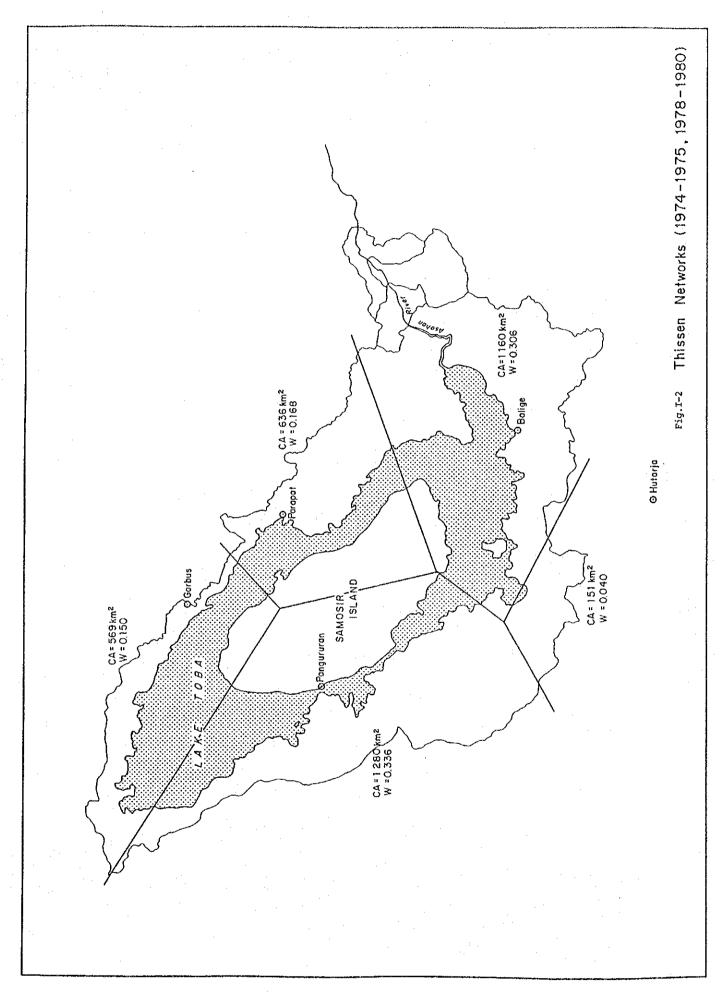






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## Fig.I.3

Rating Curve for Estimating Water Level of the Lake Toba

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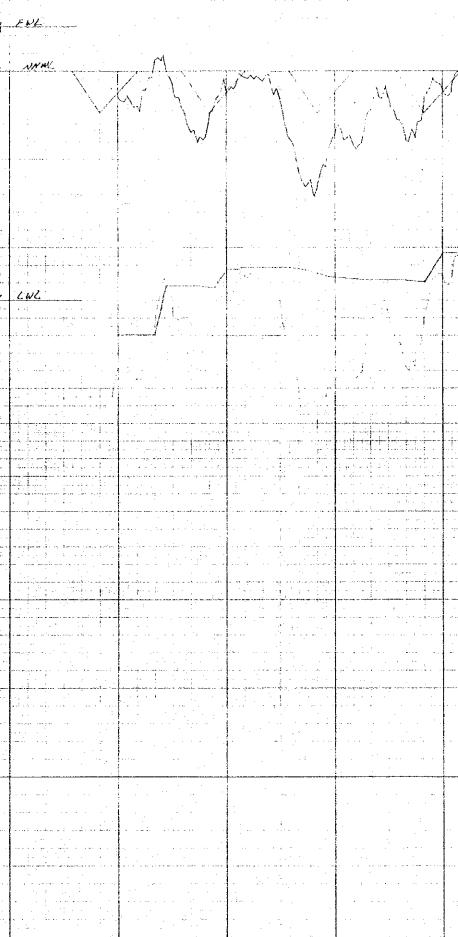
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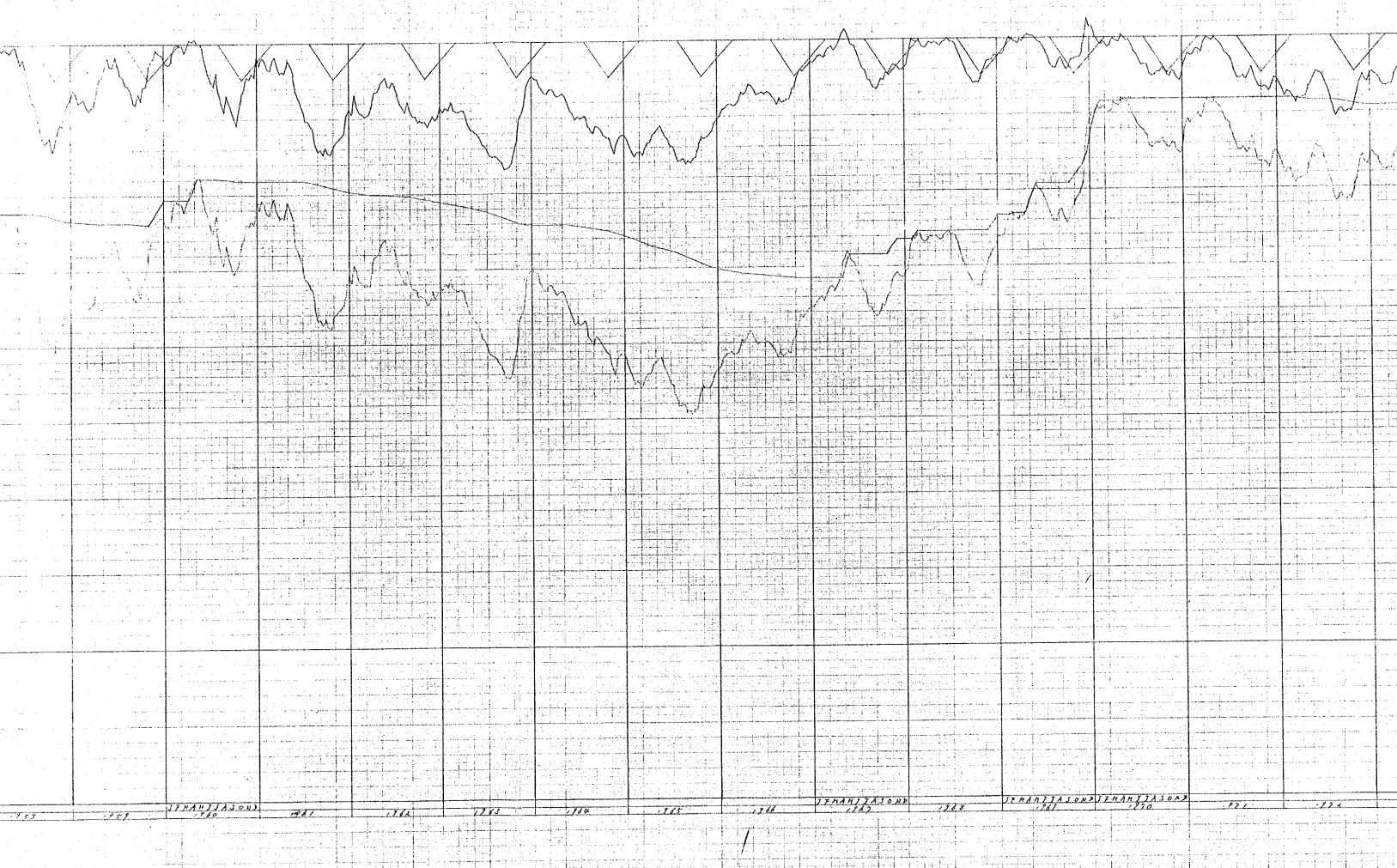
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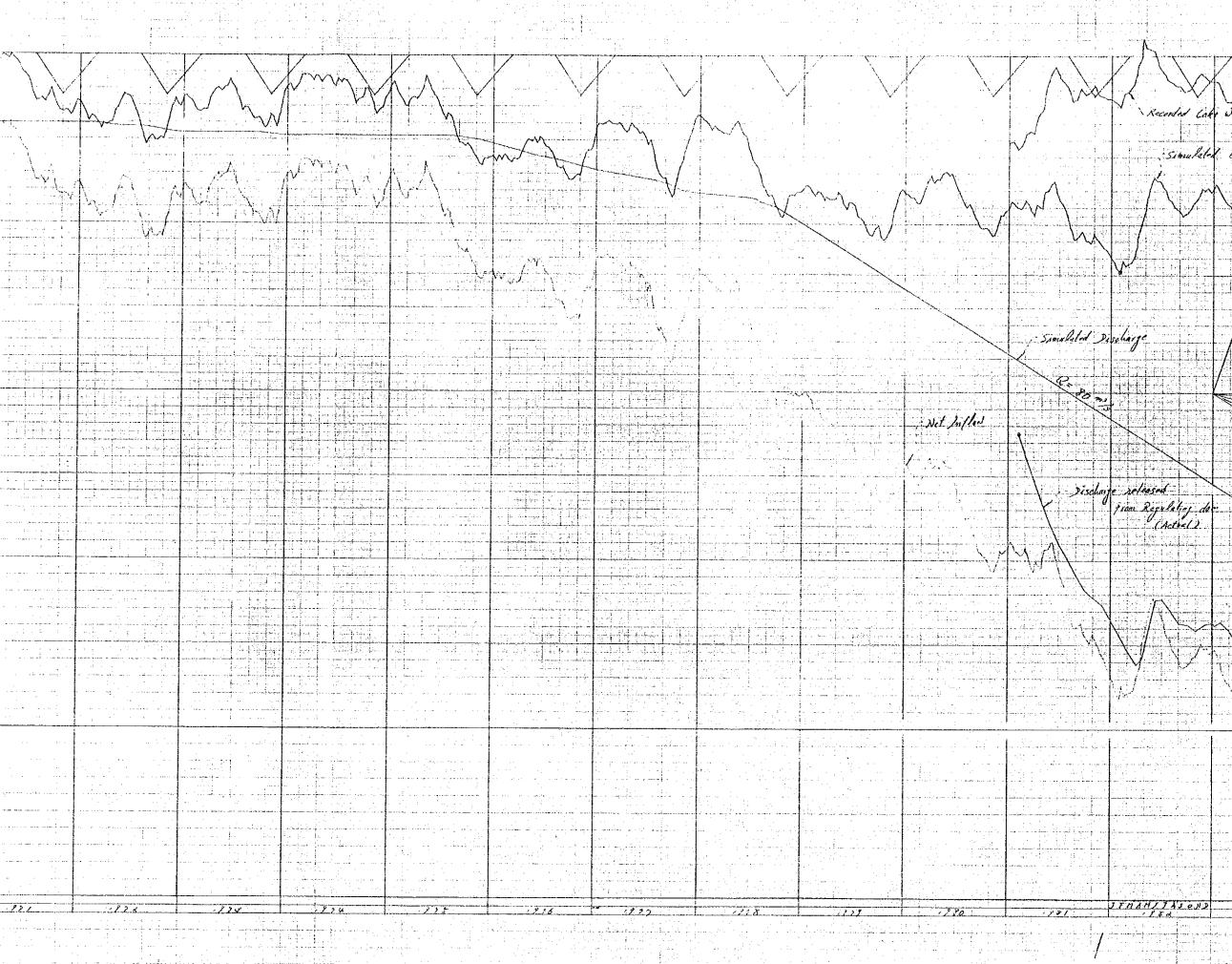
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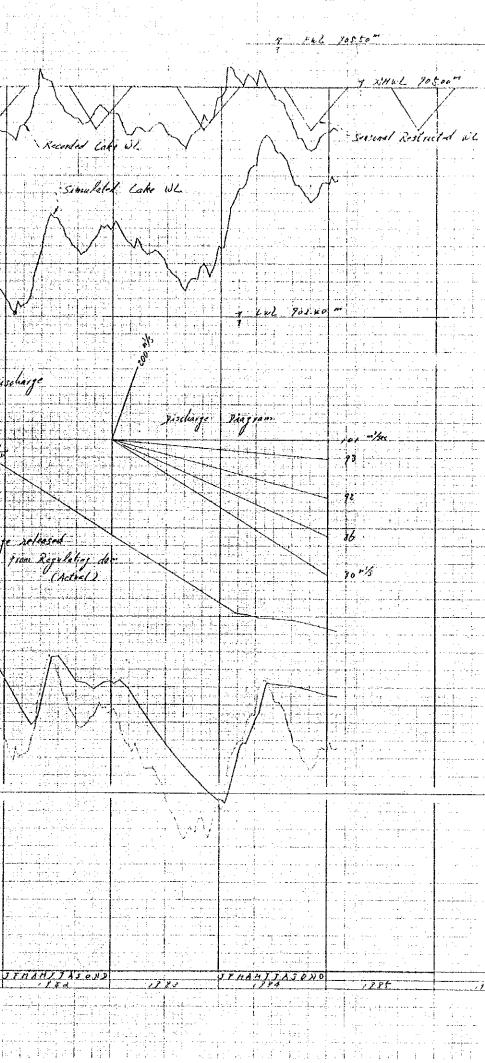


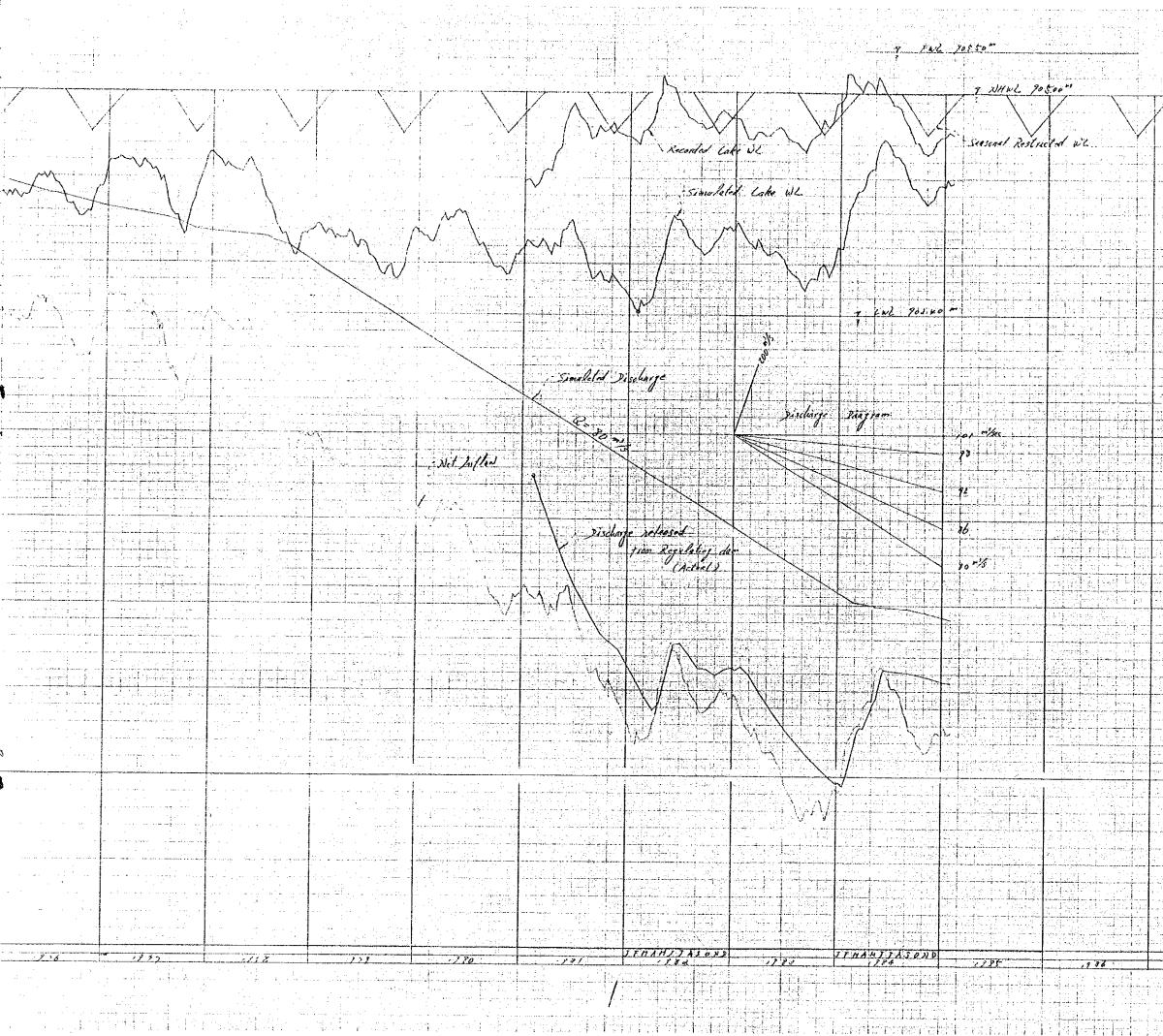
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