

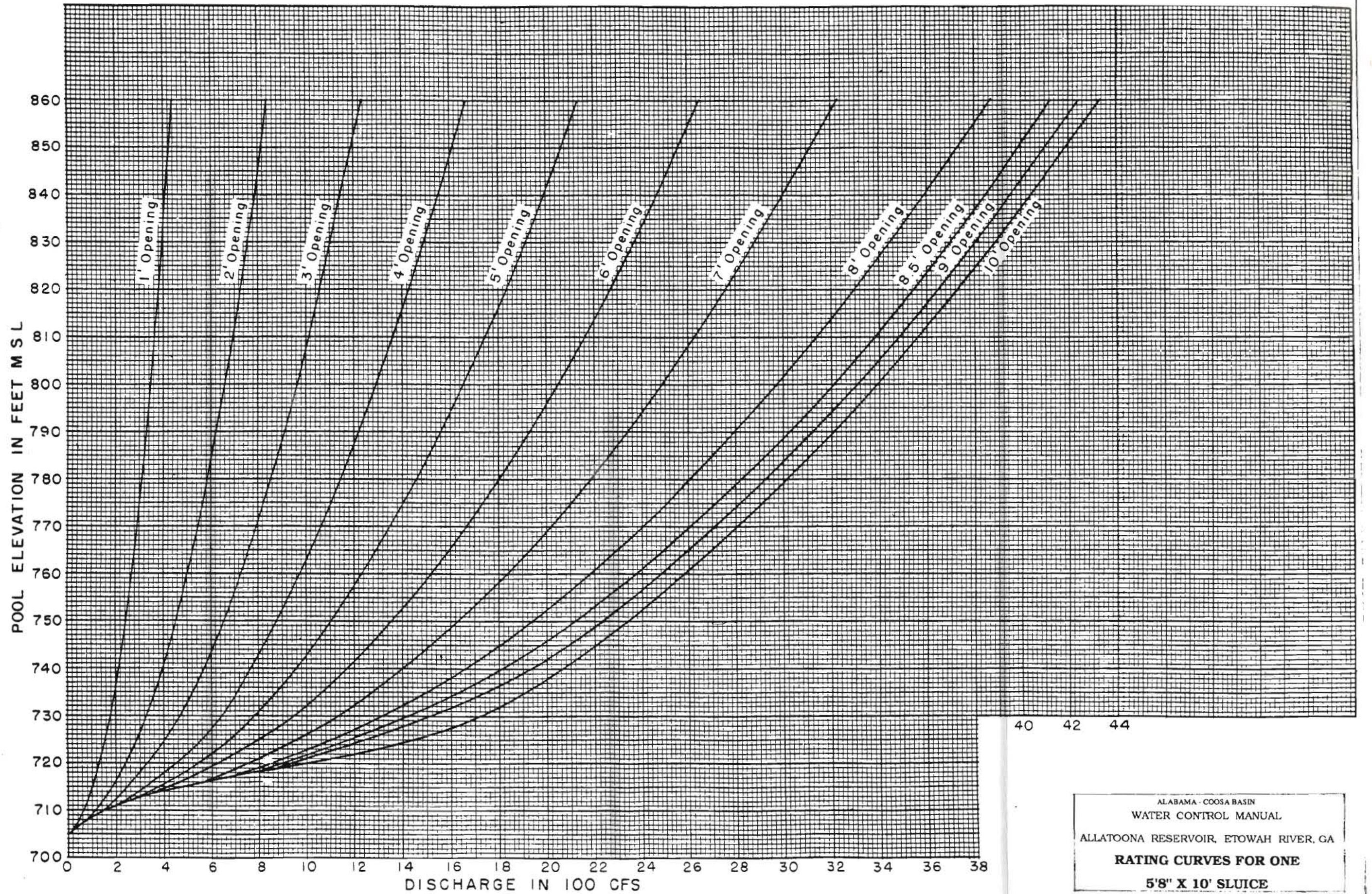
SPILLWAY GATE DISCHARGE TABLE
ALLATOONA RESERVOIR
CFS Discharge of One 40 Foot Radial Gate with Openings at Indicators in Feet

Table with 25 columns (0.5 to 12.5) and 30 rows (Pool 836 to 863) showing CFS discharge values.

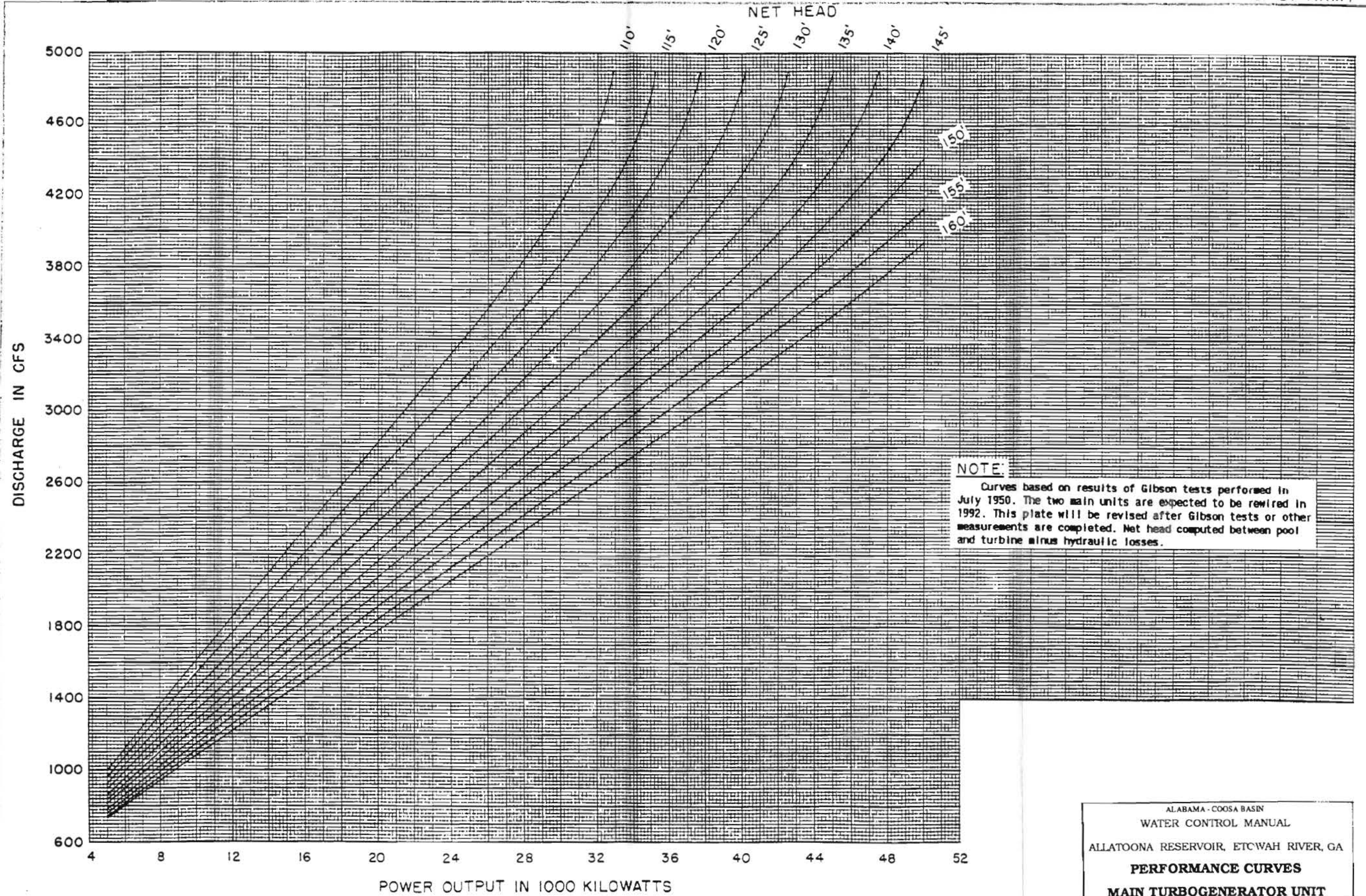
CFS Discharge of One 40 Foot Radial Gate with Openings at Indicators in Feet

Table with 13 columns (12 to 25) and 15 rows (Pool 848 to 870) showing CFS discharge values.

ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
SPILLWAY RATING TABLES

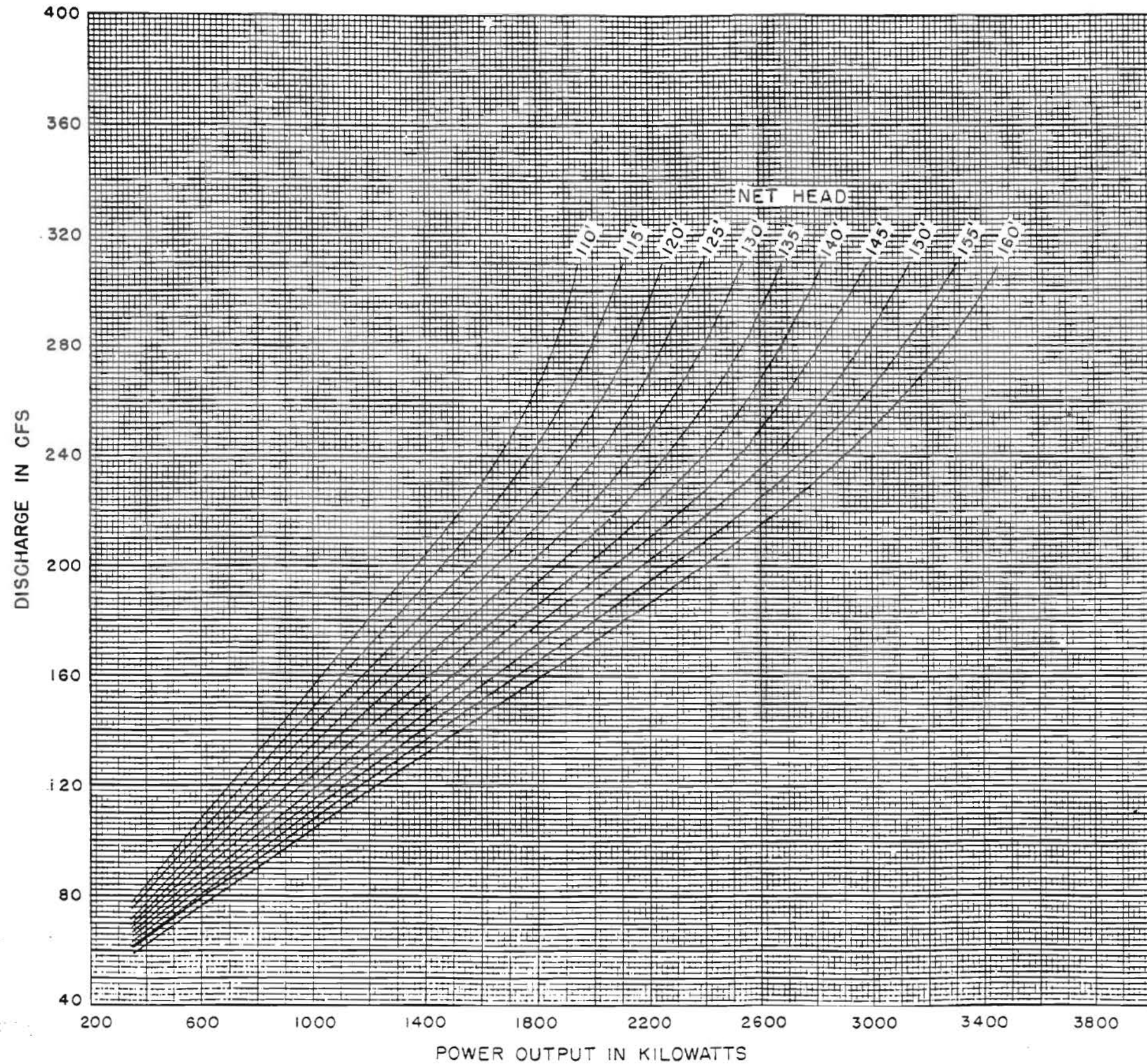


ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**RATING CURVES FOR ONE
5'8" X 10' SLUICE**



NOTE:
Curves based on results of Gibson tests performed in July 1950. The two main units are expected to be rewired in 1992. This plate will be revised after Gibson tests or other measurements are completed. Net head computed between pool and turbine minus hydraulic losses.

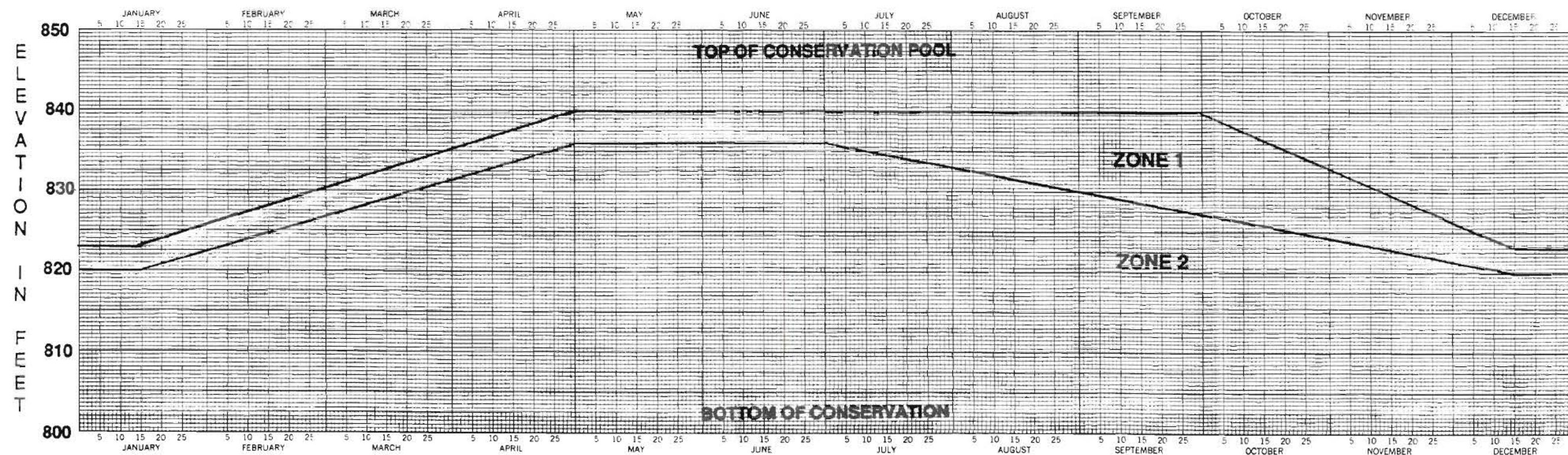
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETCWAH RIVER, GA
PERFORMANCE CURVES
MAIN TURBOGENERATOR UNIT



NOTE:

Curves based on results of Gibson tests performed in July 1950. The small unit was rewired in 1984 but no Gibson tests have been performed yet. A few points have been estimated since the rewire. This plate will be revised after Gibson tests or enough measurements have been completed. Net head computed between pool and turbine minus hydraulic losses.

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
PERFORMANCE CURVES
 SMALL TURBOGENERATOR UNIT



BELOW TOP OF CONSERVATION

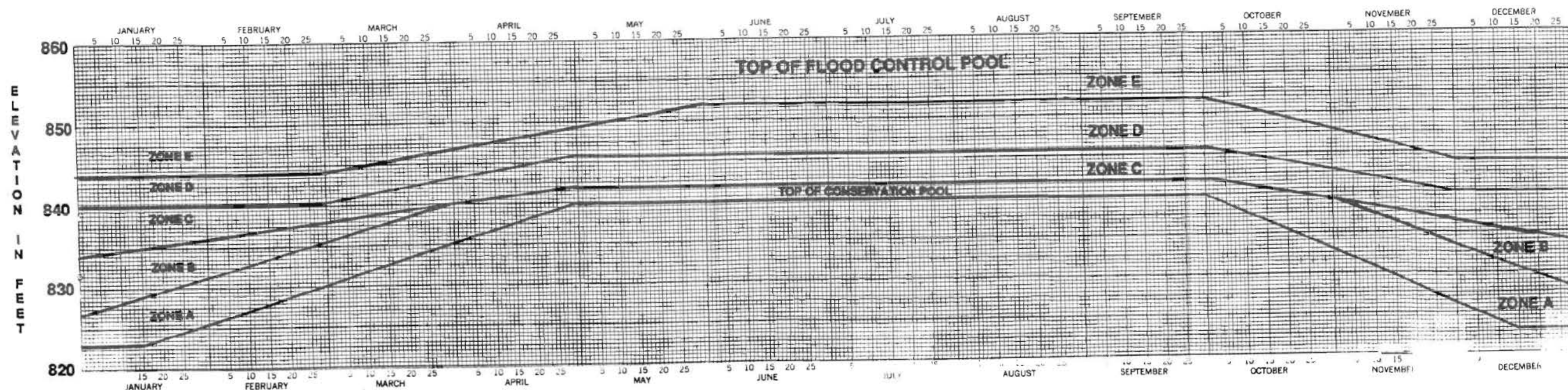
Zone 1 - When the pool is in Zone 1 normal conservation releases of water will be made. Releases from this zone will generally be equivalent to between two and six hours of full powerhouse generation. Full consideration will be given to making hydropower releases to meet system hydropower requirements as well as other basin-wide considerations for storage utilization.

Zone 2 - A more conservative water release will be made whenever the pool is in Zone 2. The objective will be to protect downstream water supply and water quality values and to protect the dependable generation capacity of the powerplant. Minimum releases consisting of continuous release of about 240 cfs (small hydropower unit) plus two hours peak power generation each weekday will be made. However, additional short-term releases may be made for unusual or emergency situations.

NOTE:

The line between the zones is a guideline which does not dictate any mandatory, absolute change in outflow policy. (See text for further clarification.)

ALABAMA-COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
ALLATOONA CONSERVATION
ACTION ZONES AND TOP OF
CONSERVATION POOL



ABOVE TOP OF CONSERVATION

Zone E - Only minimum continuous release will ordinarily be made while Rome stage is above or expected to rise above 27'. However, if inflows are predicted to exceed flood control space before Rome has crested, powerhouse releases which are less than inflow may be made until either the stage at Rome has peaked or greater (surcharge) releases are required by Chart 4-2 (See insert). After Rome has crested, peaking power releases from this zone may be made if such releases do not reverse the trend of falling river stages at Rome. Increasing releases will be made as the stage at Rome drops below 27'. Releases of channel capacity (about 9500 cfs) will be made.

Zone D - Only minimum continuous release will ordinarily be made while Rome stage is above, or expected to rise above 27'. However, if inflows are predicted to exceed flood control space before Rome has crested, powerhouse releases which are less than inflow may be made until either the stage at Rome has peaked or greater (surcharge) releases are required by Chart 4-2 (See insert). After Rome has crested, peaking power releases from this zone may be made if such releases do not reverse the trend of falling river stages at Rome. Once Rome has fallen below 27', up to full channel capacity (about 9500 cfs) will be discharged. The release of powerhouse capability (about 6500 cfs) may be followed if consideration of downstream conditions and expected weather conditions would make this prudent.

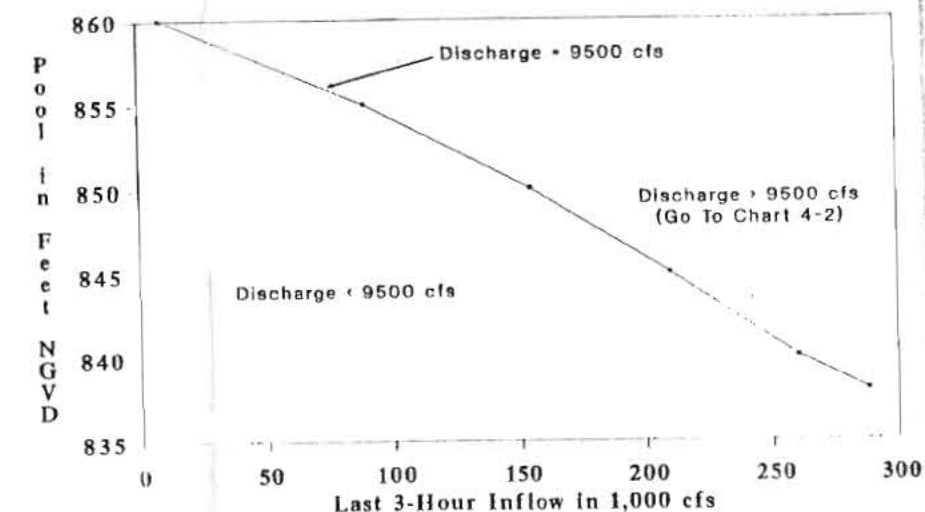
Zone C - Only minimum continuous release will ordinarily be made while Rome stage is above, or expected to rise above 25' (FS). However, if inflows are predicted to exceed flood control space before Rome has crested, powerhouse releases which are less than inflow may be made until either the stage at Rome has peaked or greater (surcharge) releases are required by Chart 4-2 (See insert). After Rome has receded below 25' releases from Zone C will be up to channel capacity (about 9500 cfs). Generally, however, releases will be at turbine capacity (about 6500 cfs). Scheduled peak power releases of less than 6500 dsf/day may be used in this zone if peaking releases sufficiently lower pool in light of expected weather conditions.

Zone B - Only minimum continuous release will ordinarily be made while Rome stage is above or expected to rise above 25'. However, if inflows are predicted to exceed flood control space before Rome has crested, powerhouse releases which are less than inflow may be made until either the stage at Rome has peaked or greater (surcharge) releases are required by Chart 4-2 (See insert). Otherwise, floodwaters in Zone B will be evacuated by regular scheduled hydropower releases. Normally releases will be no greater than 16 hours per day with full powerhouse capacity (4400 dsf/day) if such level of release is sufficient to evacuate Zone B in one to two weeks. More generation can be run in this zone if there are predictions of heavy rainfall in the next few days.

Zone A - Only minimum continuous release will ordinarily be made while Rome stage is above or expected to rise above 25 feet. Water stored in this zone requires the least urgency in being evacuated. The minimum scheduled hydropower must be at least equivalent to the inflow and evacuation is allowed to take several weeks to make best overall use of the water. The pool is allowed to rise up to elevation 842 in the summer weekends without releases above the minimum releases of 240 cfs. During dry periods water may be retained indefinitely in Zone A as a precaution for possible impending drought.

Guide to Use Induced Surcharge (See Chart)

Pool in Ft NGVD and Average Last 3-Hr Inflow in cfs



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL

ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**ALLATOONA FLOOD CONTROL
ACTION ZONES AND TOP OF
CONSERVATION POOL**

ALLATOONA ELEVATION FOR ZONES 2, 1, A, B, C, AND D IN FEET (NGVD)

Table with columns for months (January, February, March) and days (1-31). Each day has four columns (A, B, C, D) representing different zones. Values range from approximately 820 to 852 feet.

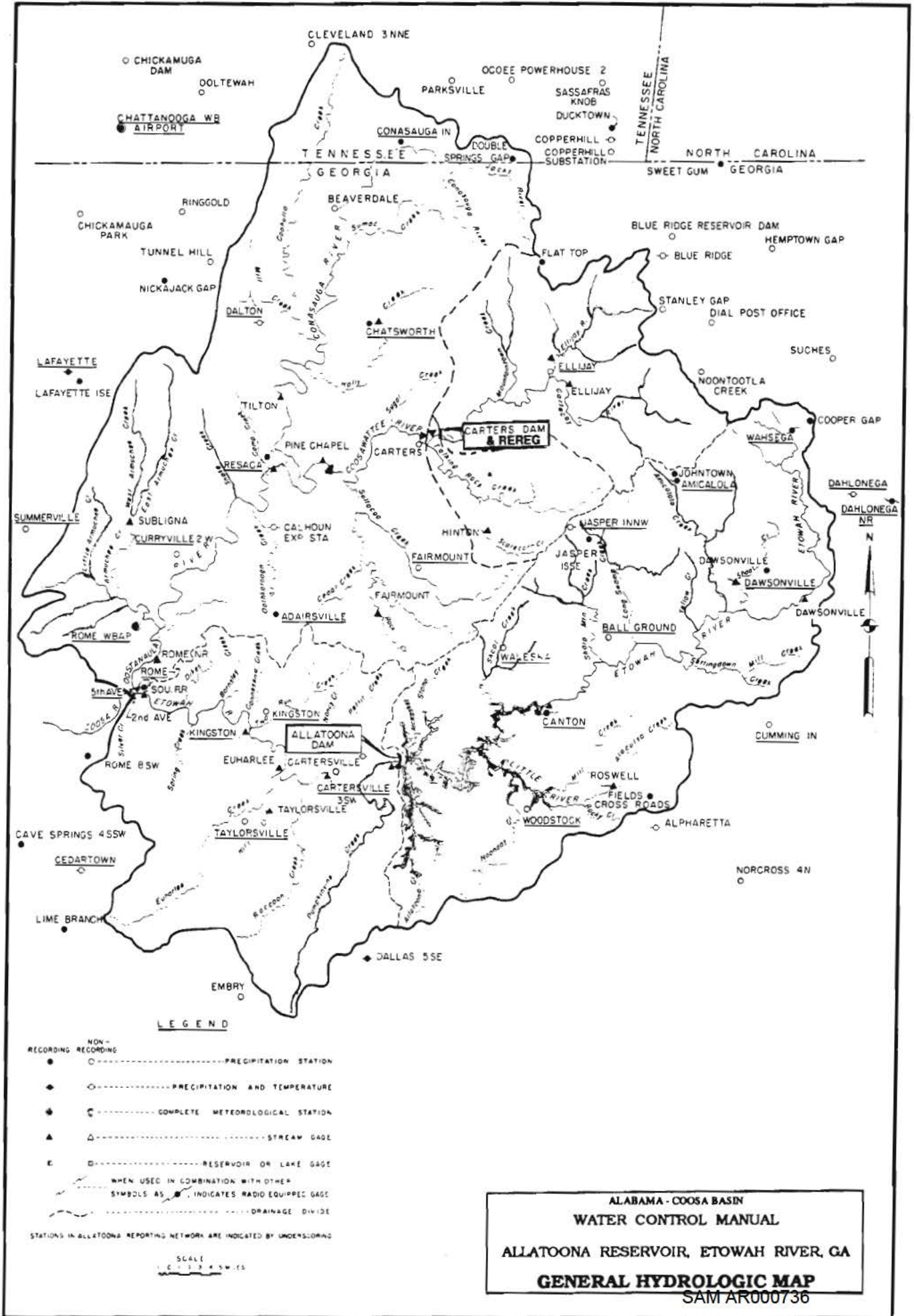
Table with columns for months (April, May, June) and days (1-31). Each day has four columns (A, B, C, D) representing different zones. Values range from approximately 830 to 852 feet.

Table with columns for months (July, August, September) and days (1-31). Each day has four columns (A, B, C, D) representing different zones. Values range from approximately 830 to 852 feet.

Table with columns for months (October, November, December) and days (1-31). Each day has four columns (A, B, C, D) representing different zones. Values range from approximately 820 to 852 feet.

NOTE: DAILY ELEVATIONS BASED ON STRAIGHT LINE INTERPOLATION BETWEEN KEY POINTS FROM CHARTS 1-11 AND 1-12 FOR THE ACTION ZONES. THE BOTTOM OF ZONE 2 IS THE BOTTOM OF CONSERVATION AT ELEVATION 800. ZONE E IS THE TOP OF FLOOD CONTROL AT ELEVATION 860.

ALABAMA - COOSA BASIN WATER CONTROL MANUAL ALLATOONA RESERVOIR, ETOWAH RIVER, GA ALLATOONA DAILY TOP OF CONSERVATION AND FLOOD CONTROL ACTION ZONES



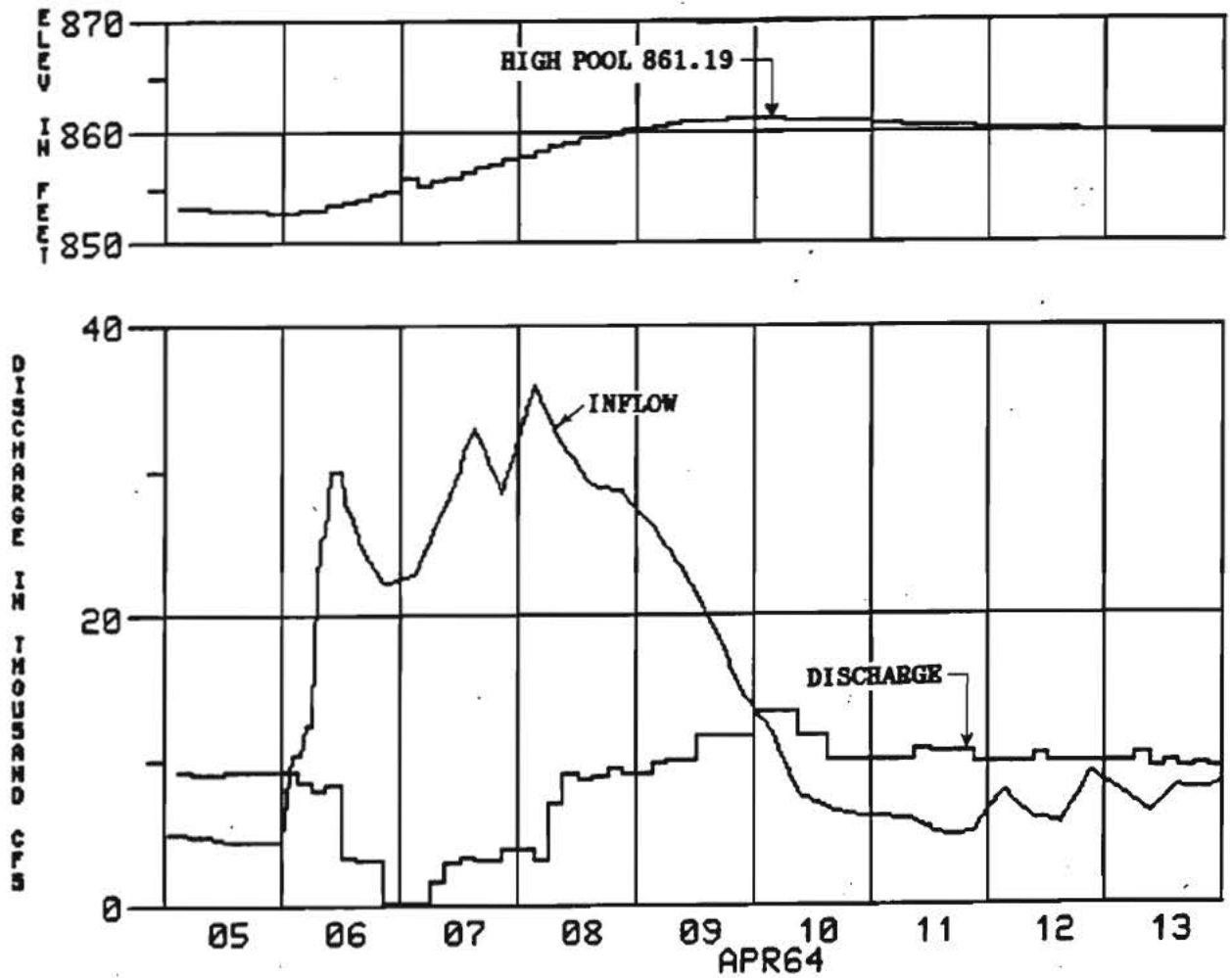
RAINFALL AND RIVER STAGE REPORTS

DAY _____ DATE _____

BASIN	STATION	7 AM REPORT					1 PM REPORT					7 PM REPORT					BEGINNINGS & ENDINGS, CREST STAGES, SPECIAL READINGS, ETC.
		TIME OF OBS.	24- HOUR RAIN	STATE OF WEA.	STORM TOTAL	RIVER STAGE	TIME OF OBS.	RAIN SINCE 7 AM	STATE OF WEA.	STORM TOTAL	RIVER STAGE	TIME OF OBS.	RAIN SINCE 7 AM	STATE OF WEA.	STORM TOTAL	RIVER STAGE	
ETOWAH ABOVE ALLATOONA	Wahsega					X					X					X	
	Dahlonega					X					X					X	
	Dahlonega (R)					X					X					X	
	Dawsonville					X					X					X	
	Amicalola (R)					X					X					X	
	Jasper					X					X					X	
	Ball Ground					X					X					X	
	Canton					X					X					X	
	Canton (R)					X					X					X	
	Waleska					X					X					X	
	Woodstock					X					X					X	
	Allatoona Dam					X					X					X	
	Average					X					X					X	
	ETOWAH BELOW ALLATOONA	Cartersville					X					X					X
Dallas						X					X					X	
Taylorville						X					X					X	
Kingston						X					X					X	
Cedartown						X					X					X	
Average						X					X					X	
COOSAUKEE	Conasauga					X					X					X	
	Dalton					X					X					X	
	Chatsworth					X					X					X	
	Ellijay					X					X					X	
	Carters Dam					X					X					X	
	Fairmount					X					X					X	
	Resaca					X					X					X	
	Resaca (R)					X					X					X	
	Lafayette					X					X					X	
	Adairsville					X					X					X	
	Curryville					X					X					X	
	Summerville					X					X					X	
	Rome Airport					X					X					X	
	Average					X					X					X	
COOSA	Rome					X					X					X	
	Rome (R)					X					X					X	
	Average					X					X					X	

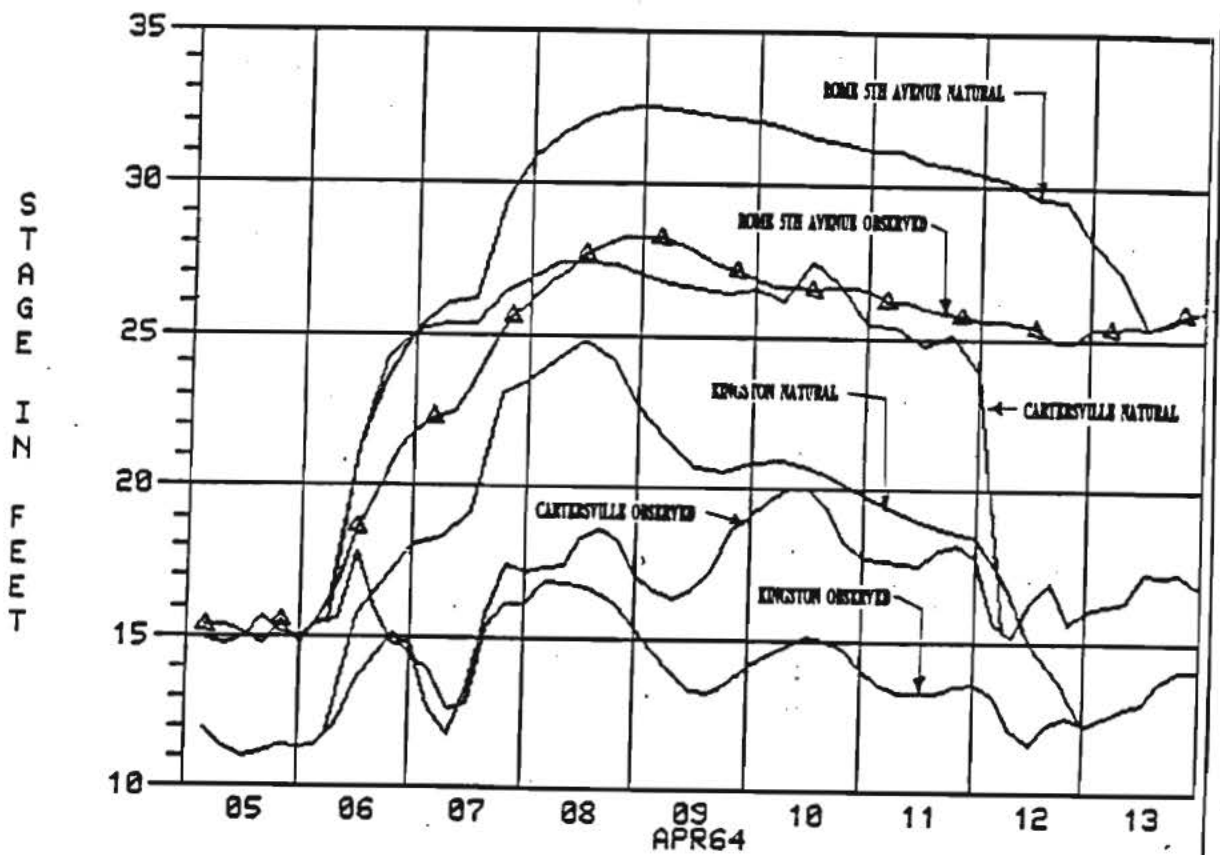
ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
 RAINFALL AND RIVER STAGE REPORTS

FLOW, DISCHARGE AND POOL FOR APRIL 1964 FLOOD



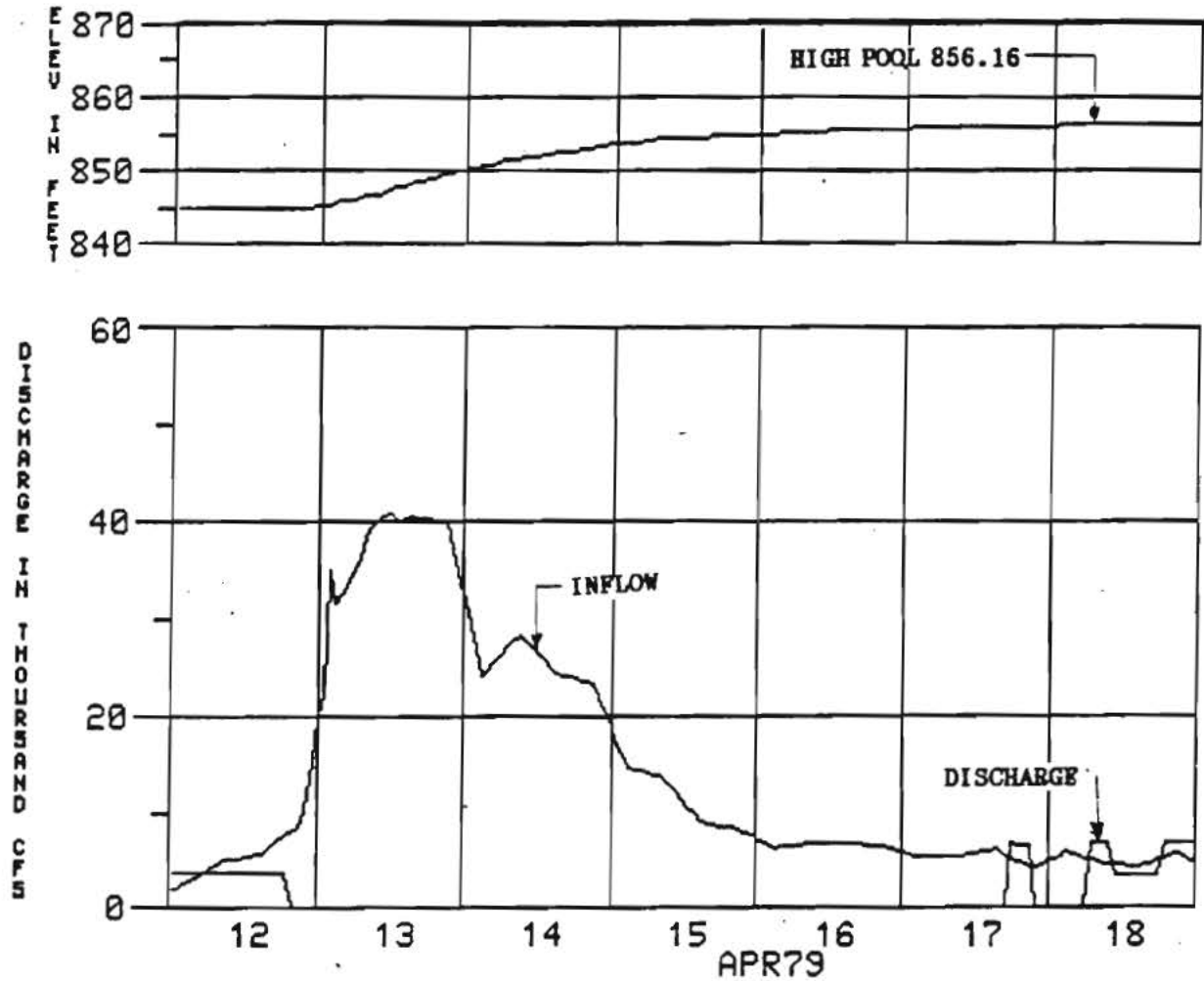
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**FLOW, DISCHARGE AND POOL
FOR APRIL 1964 FLOOD**

OBSERVED APRIL 1964 STAGES BELOW ALLATOONA DAM



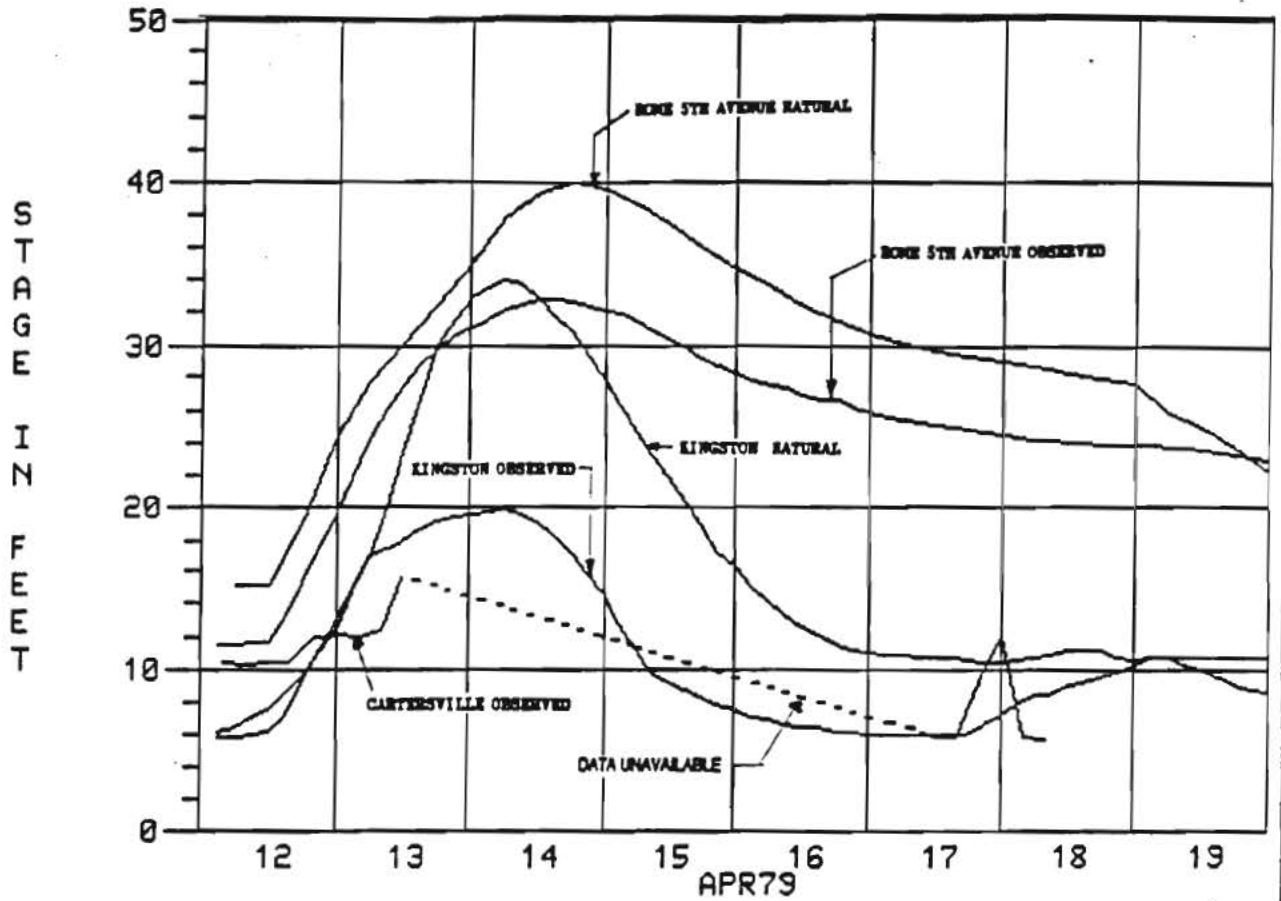
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
OBSERVED APRIL 1964 STAGES
BELOW ALLATOONA DAM

FLOW, DISCHARGE AND POOL FOR APRIL 1979 FLOOD



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
FLOW, DISCHARGE AND POOL
FOR APRIL 1979 FLOOD

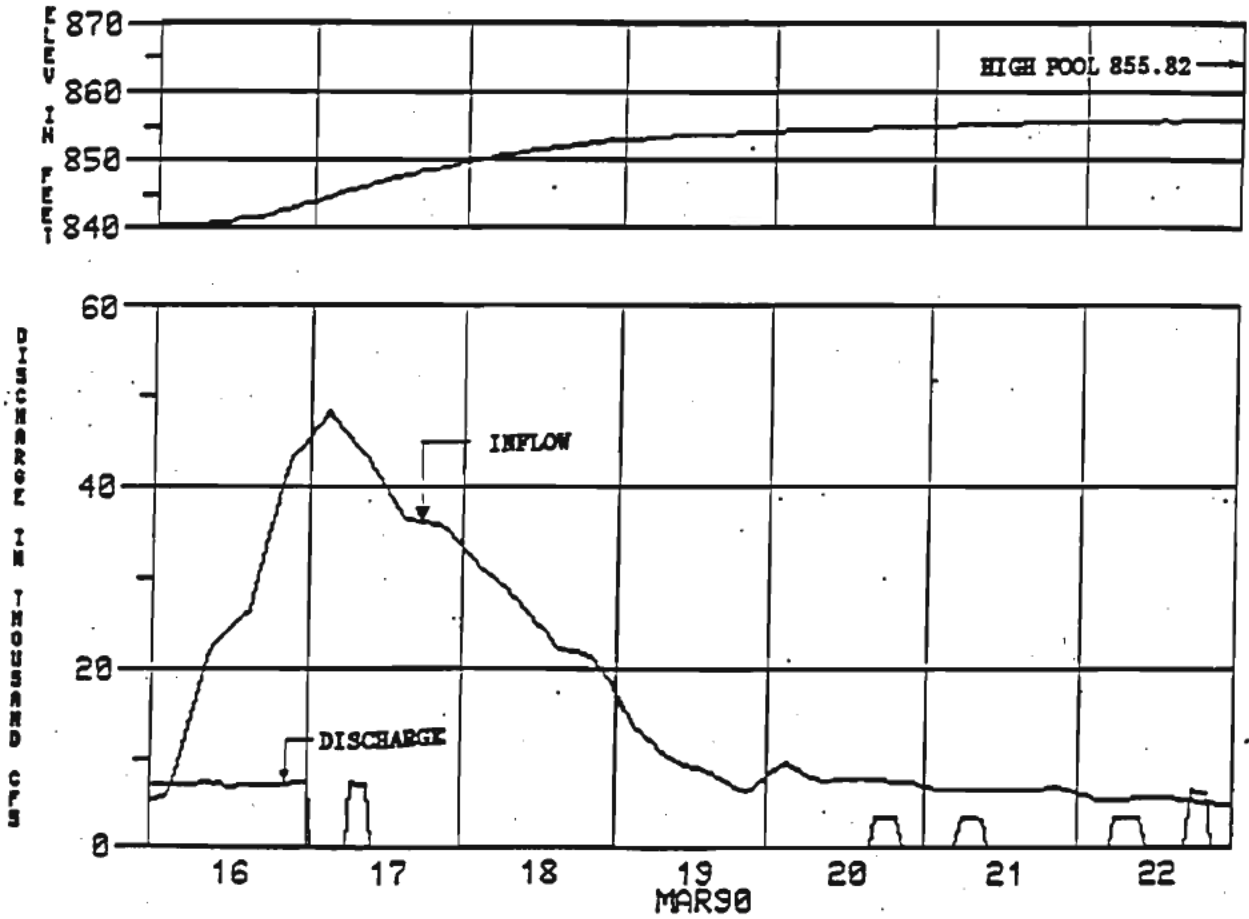
OBSERVED APRIL 1979 STAGES BELOW ALLATOONA DAM



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
OBSERVED APRIL 1979 STAGES
BELOW ALLATOONA DAM

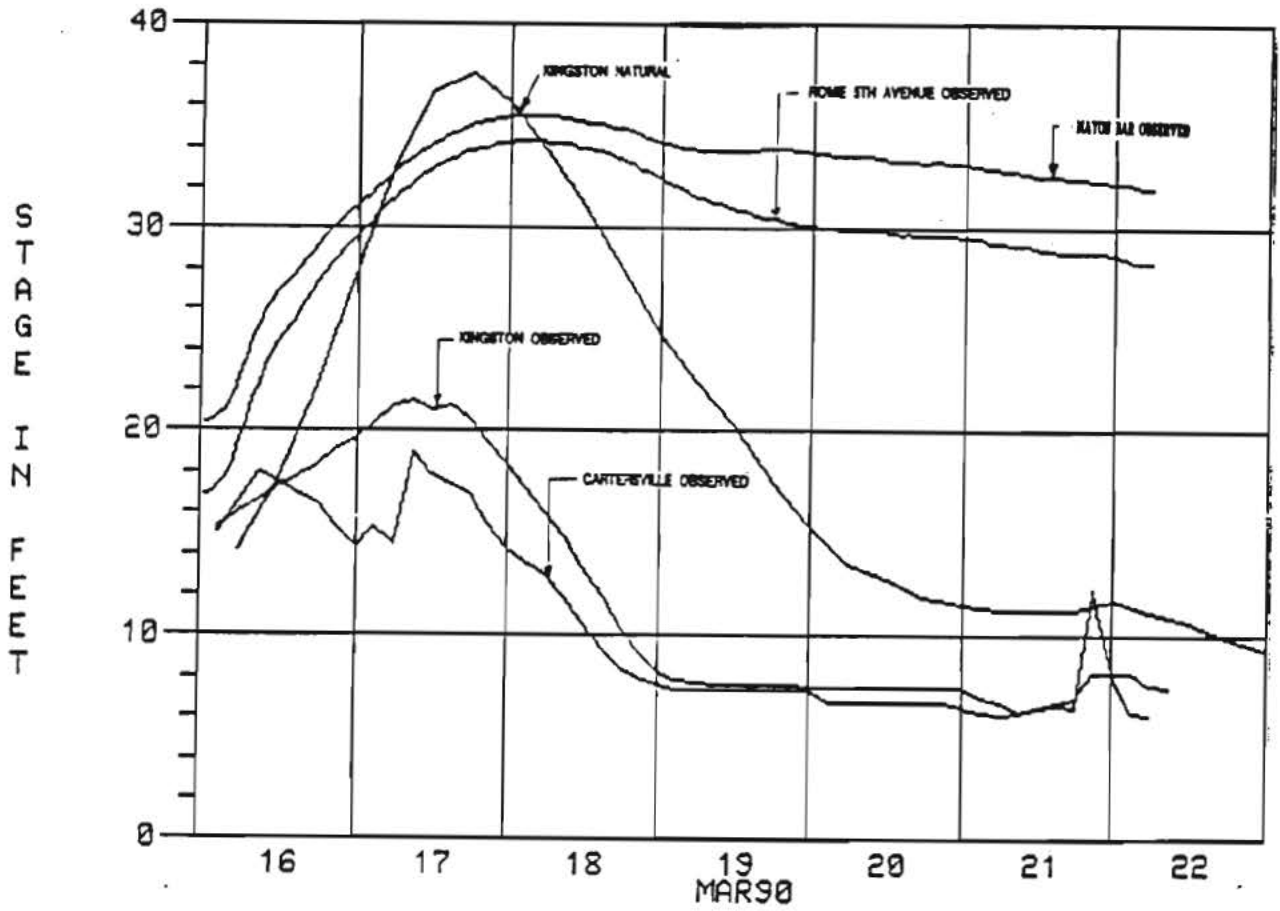
APPENDIX A CHART 2-6

FLOW, DISCHARGE AND POOL FOR MARCH 1990 FLOOD



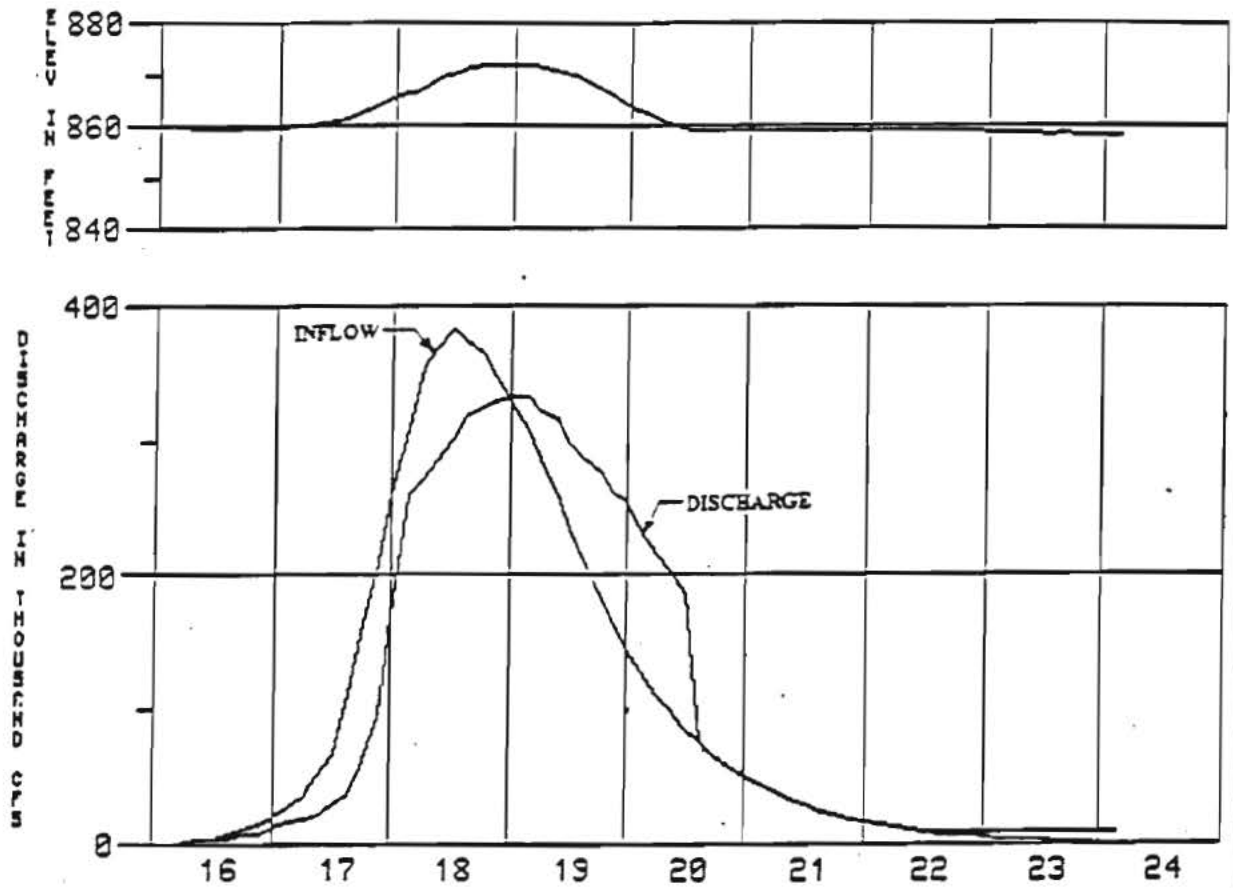
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**FLOW, DISCHARGE AND POOL
FOR MARCH 1990 FLOOD**

OBSERVED MARCH 1990 STAGES BELOW ALLATOONA DAM



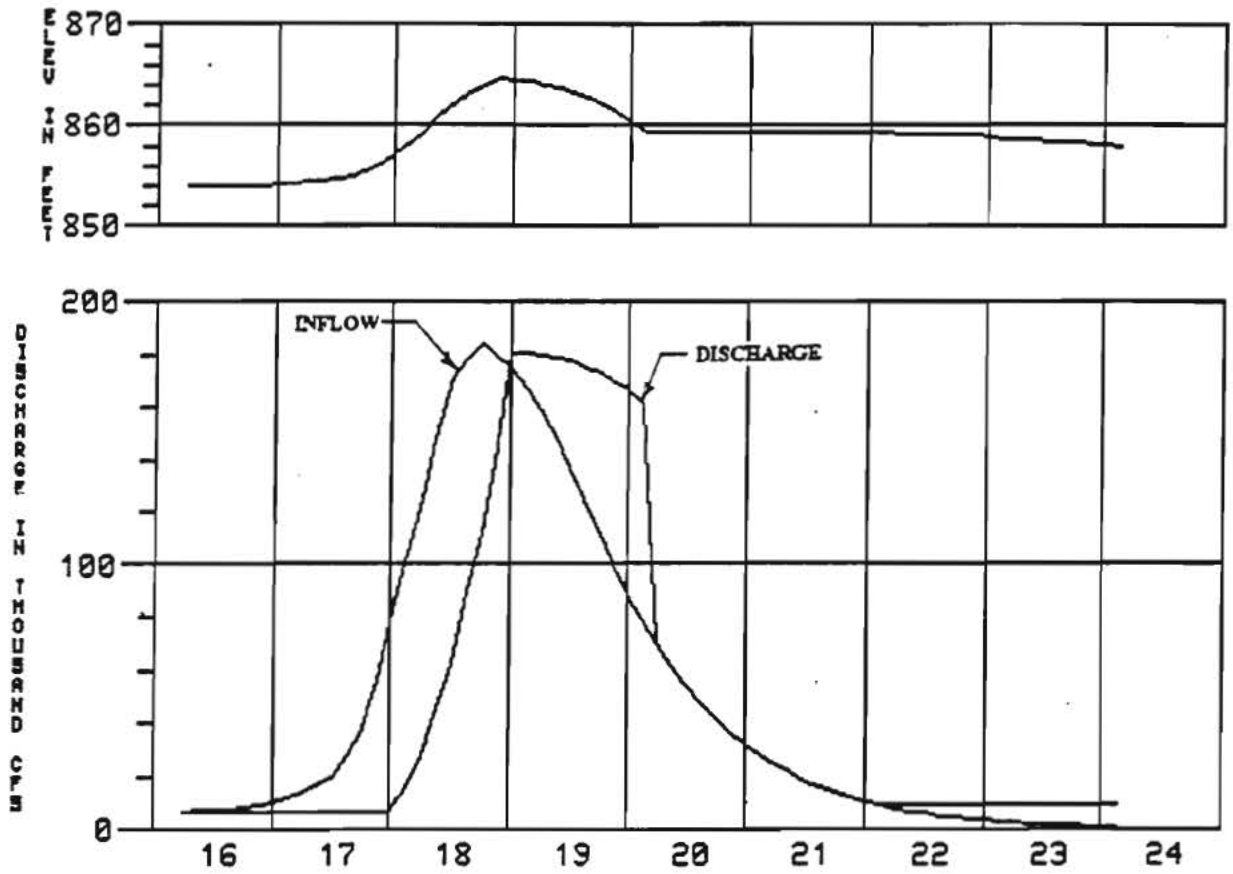
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**OBSERVED MARCH 1990 STAGES
BELOW ALLATOONA DAM**

FLOW, DISCHARGE, AND POOL FOR MAX PROBABLE FLOOD



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
FLOW, DISCHARGE, AND POOL
FOR MAX PROBABLE FLOOD

FLOW, DISCHARGE, AND POOL FOR STANDARD PROJECT FLOOD



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**FLOW, DISCHARGE, AND POOL
FOR STANDARD PROJECT FLOOD**

CORPS OF ENGINEERS

ALLATOONA ESTIMATED (1896-1938) MONTHLY FLOW IN CFS

Table with columns for Year, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec, and Annual. It lists monthly flow estimates from 1896 to 1938, with an average of 2766 cfs.

ALLATOONA PROJECT (1950-1990) MONTHLY INFLOW IN CFS

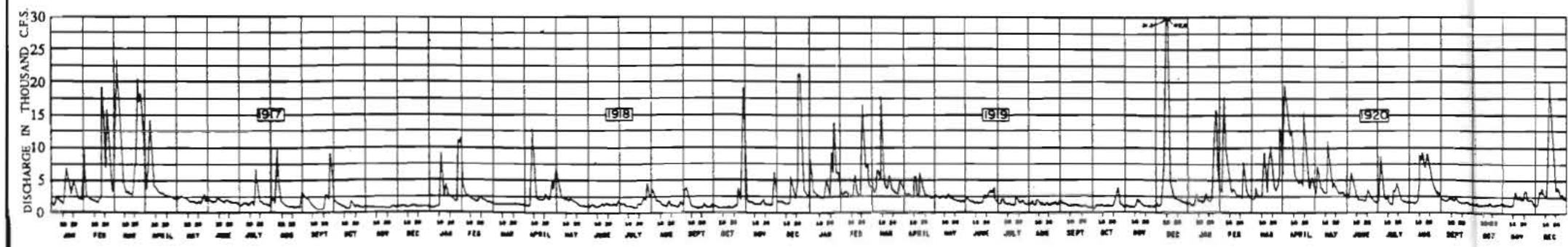
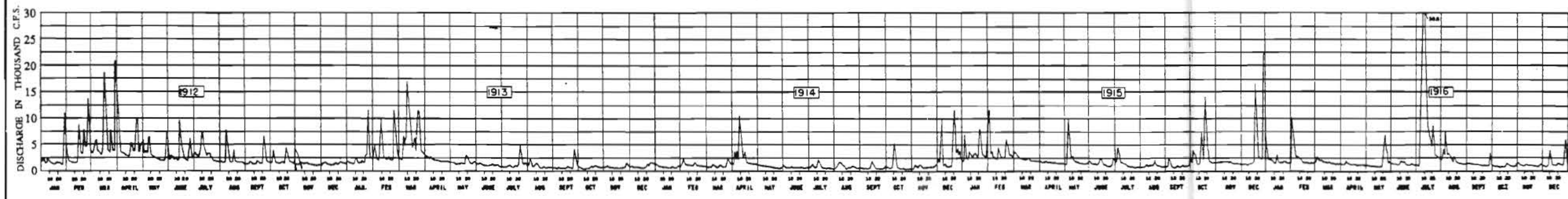
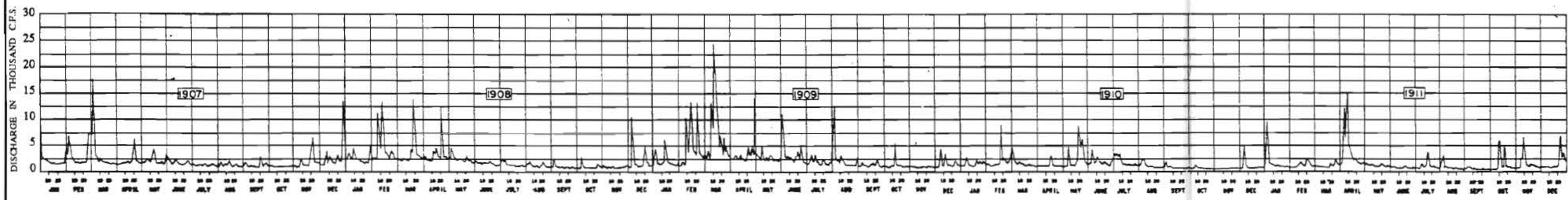
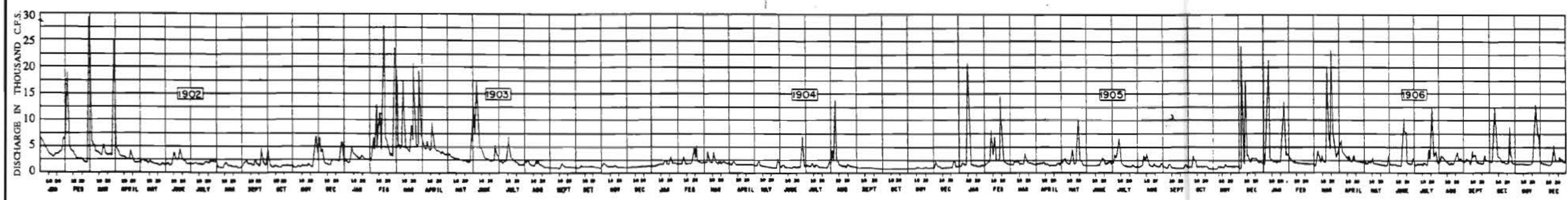
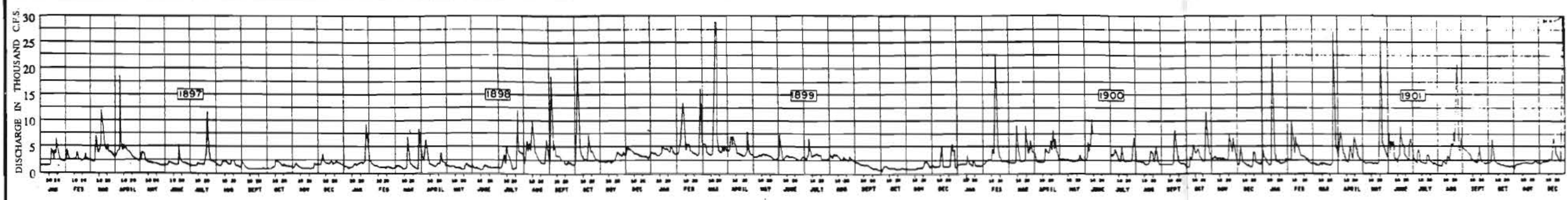
Table with columns for Year, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec, and Annual. It lists monthly inflow data from 1950 to 1990, with an average of 2460 cfs.

ALLATOONA OBSERVED (1939-1949) MONTHLY FLOW IN CFS

Table with columns for Year, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec, and Annual. It lists monthly observed flow data from 1939 to 1949, with an average of 2426 cfs.

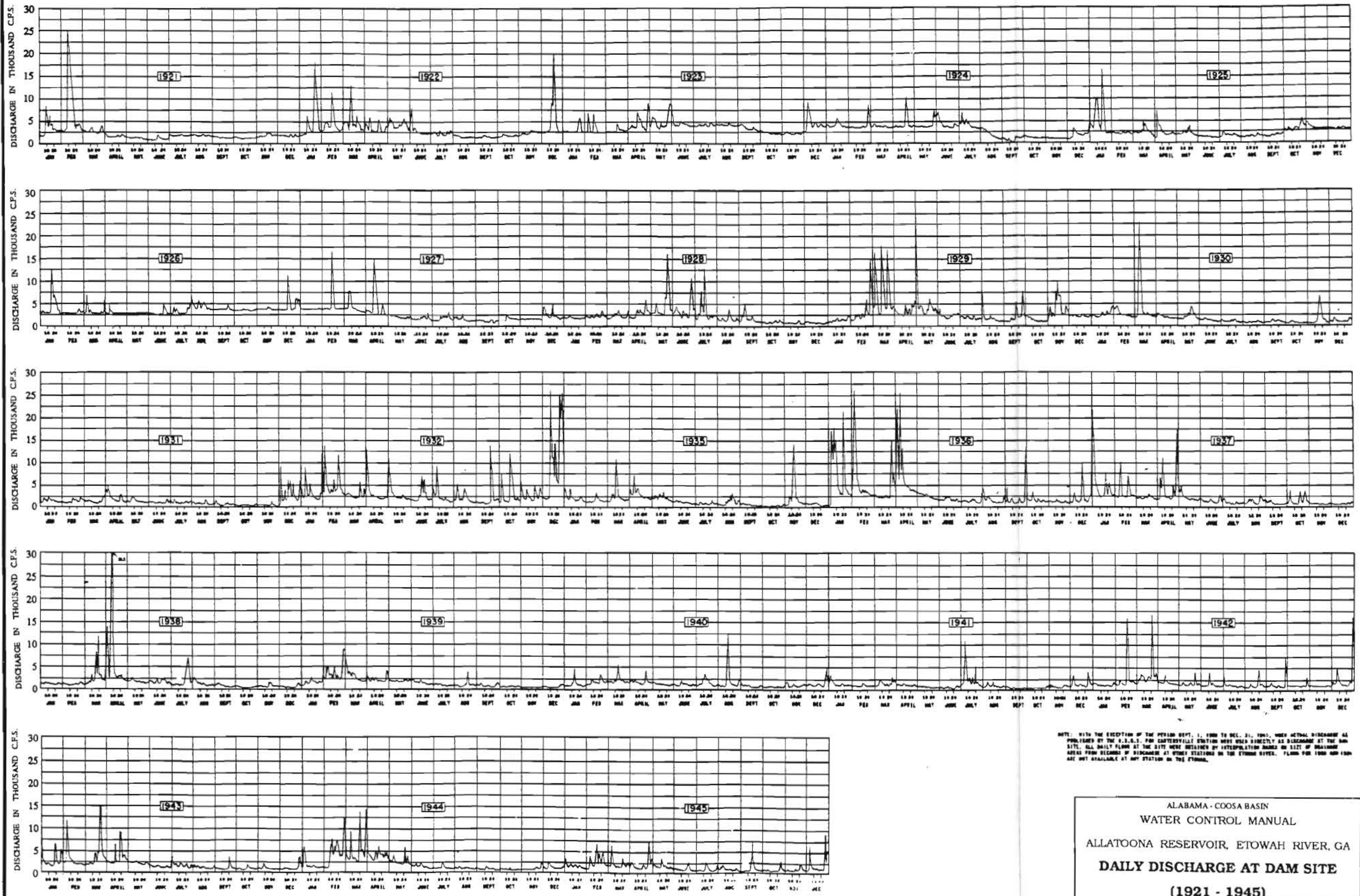
ALL-The total period average from 1896 through 1990 monthly mean inflow was computed from the known monthly flows at gages near Allatoona Dam site times a ratio of the two drainage areas for 1896-1949 period and from the computed inflow at the dam, based on the change in pool storage minus known discharge and then adjusted for evaporation from lake surface, estimated rainfall added to the lake and known withdrawals from the lake, for the rest of the period.

ALABAMA-COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
ALLATOONA MONTHLY MEAN
INFLOW (1869 - 1990)



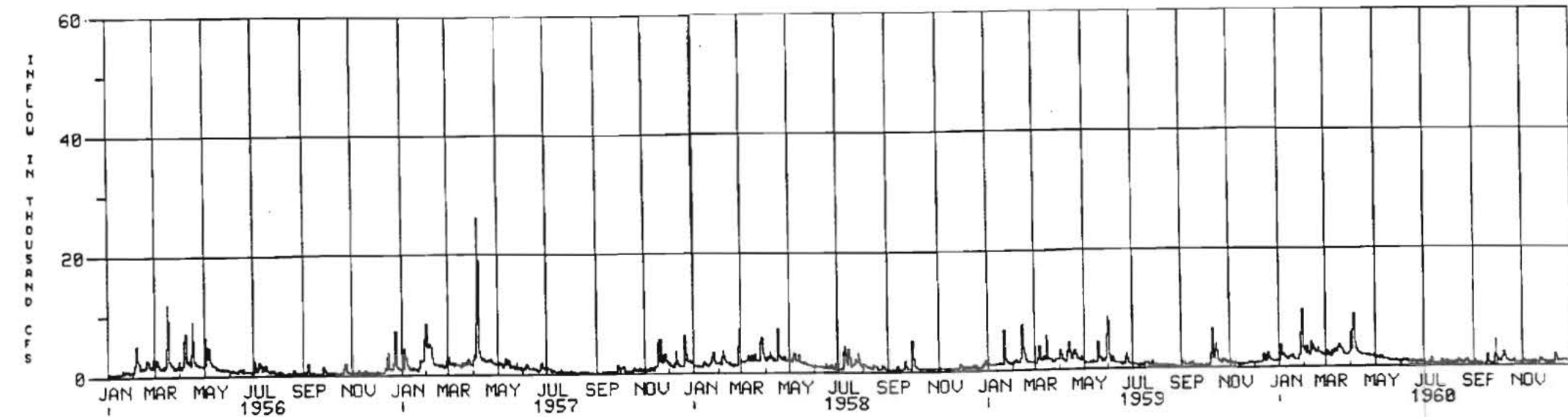
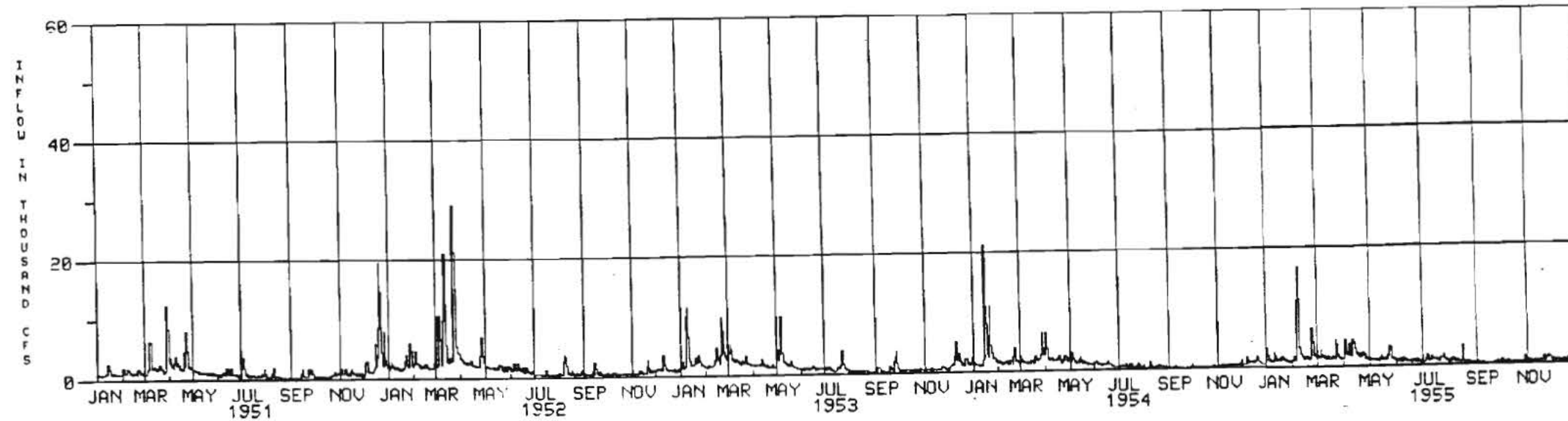
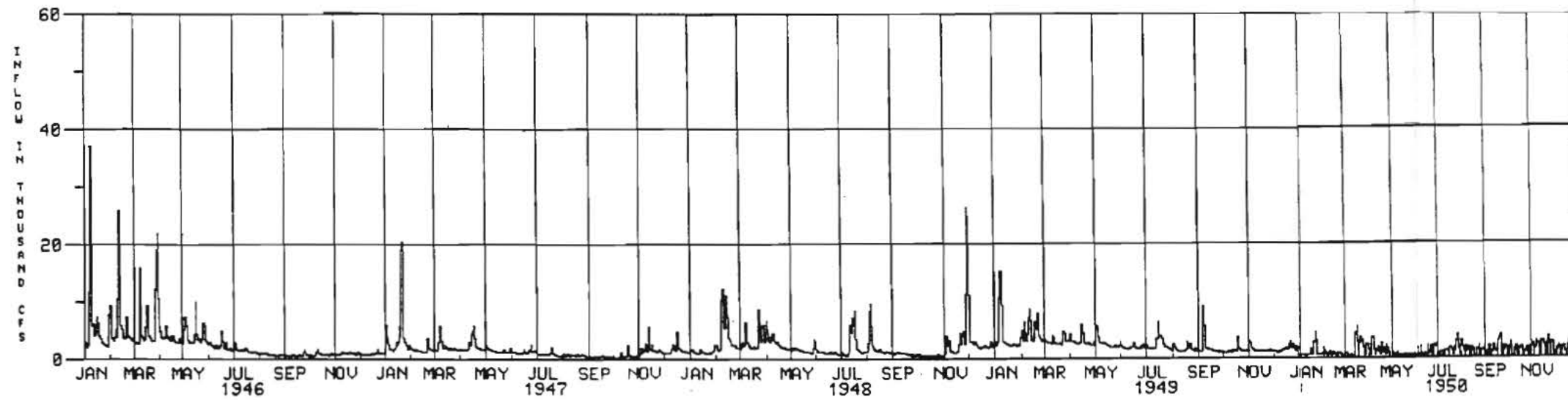
NOTE: WITH THE EXCEPTION OF THE PERIOD FROM SEPT. 1, 1898 TO DEC. 31, 1898, WHEN ACTUAL DISCHARGE AS PUBLISHED BY THE U.S.G.S. FOR CARROLLVILLE STATION WERE USED DIRECTLY AS DISCHARGE AT THE DAM SITE, ALL DAILY FLOWS AT THE SITE WERE OBTAINED BY INTERPOLATION BASED ON SIZE OF BRANCHED AREAS FROM RECORDS OF DISCHARGE AT OTHER STATIONS ON THE ETOWAH RIVER. FLOWS FOR 1898 AND 1899 ARE NOT AVAILABLE AT ANY STATION ON THE ETOWAH.

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY DISCHARGE AT DAM SITE
 (1897 - 1920)

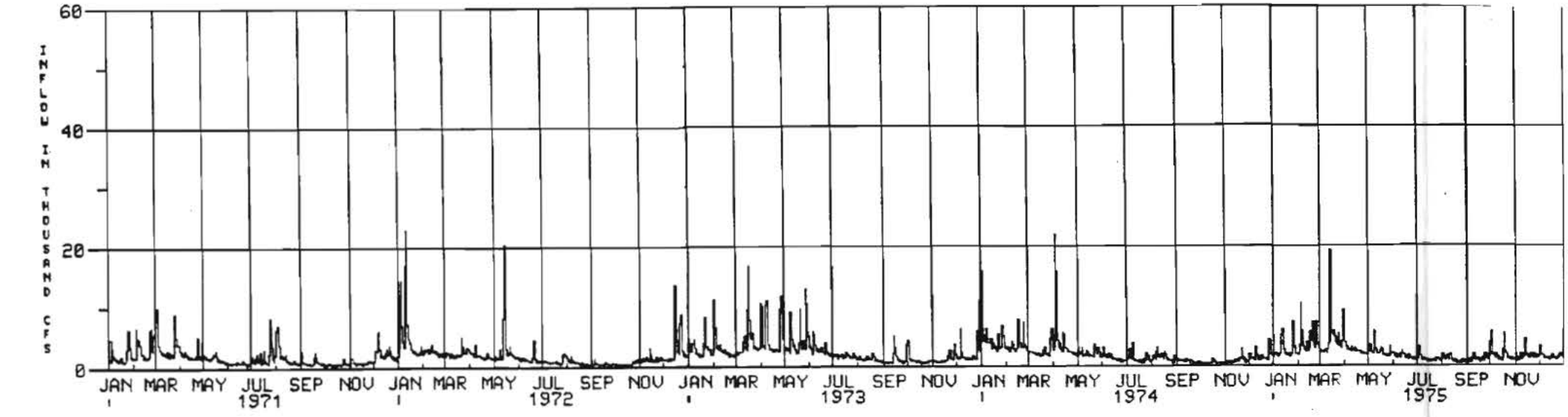
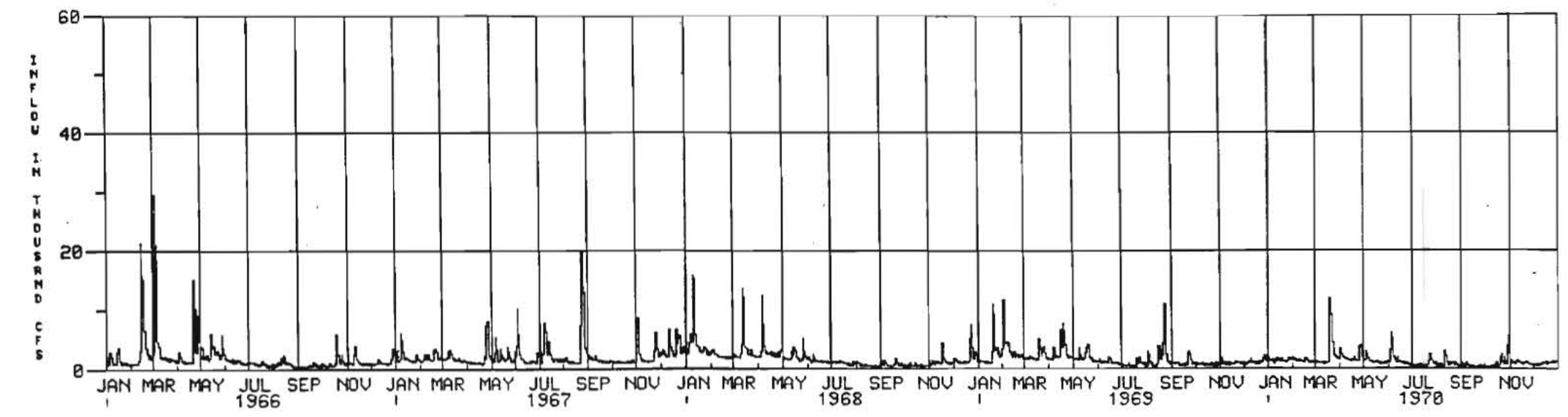
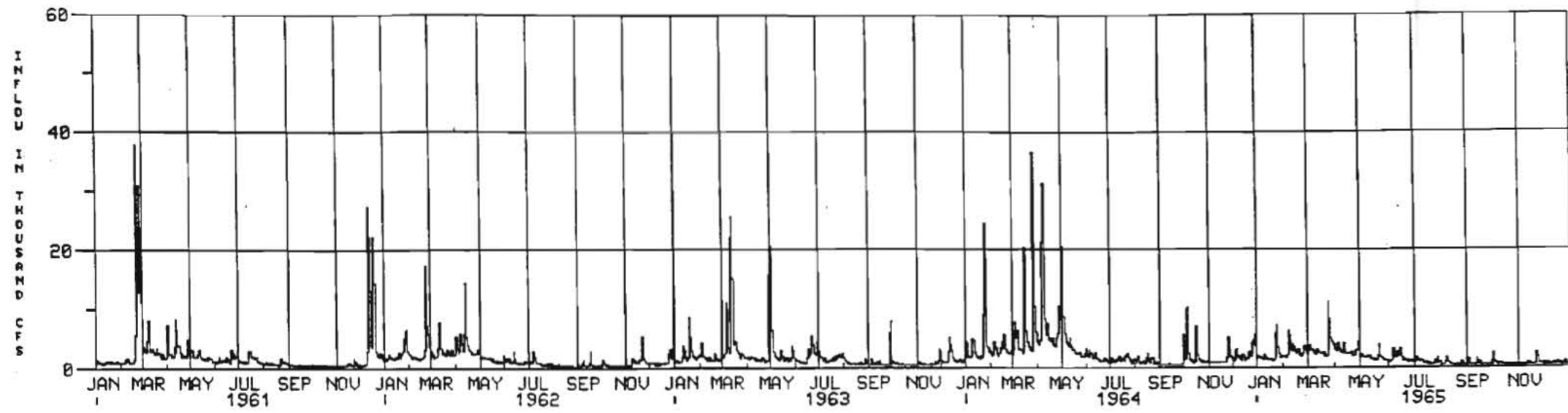


NOTE: WITH THE EXCEPTION OF THE PERIOD DEPT. 1, 1930 TO DEC. 31, 1945, WHEN ACTUAL DISCHARGE AS PUBLISHED BY THE U.S.G.S. FOR CARTERSVILLE STATION WERE USED DIRECTLY AS DISCHARGE AT THE DAM SITE, ALL DAILY FLOWS AT THE SITE WERE OBTAINED BY INTERPOLATION BASED ON LIST OF DAILY MEASUREMENTS FROM RECORDS OF DISCHARGE AT OTHER STATIONS ON THE STROME RIVER. FLOWS FOR 1930 AND 1945 ARE NOT AVAILABLE AT ANY STATION ON THE STROME.

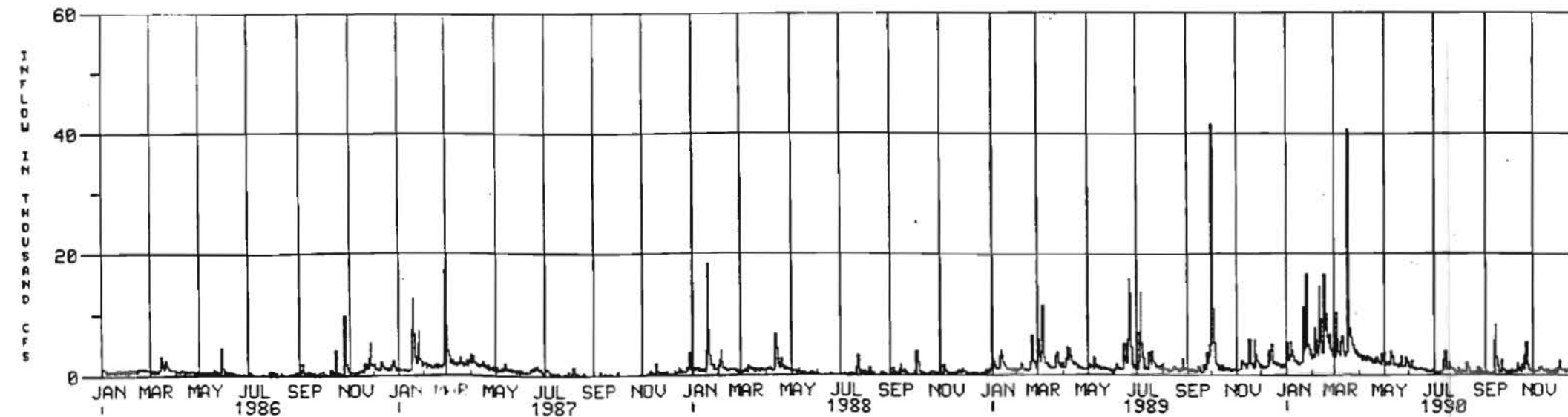
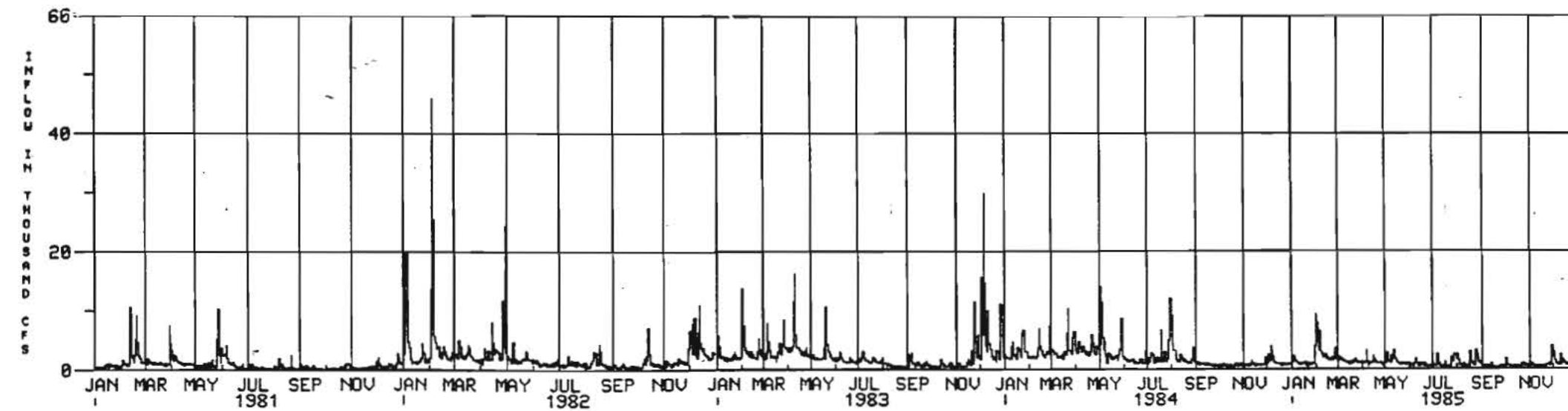
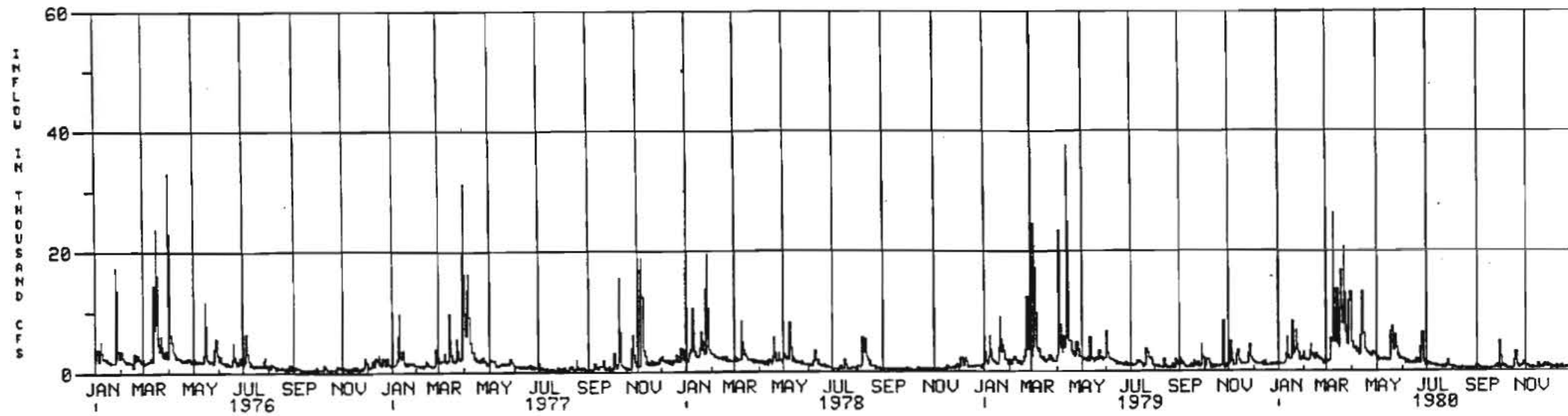
ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY DISCHARGE AT DAM SITE
 (1921 - 1945)



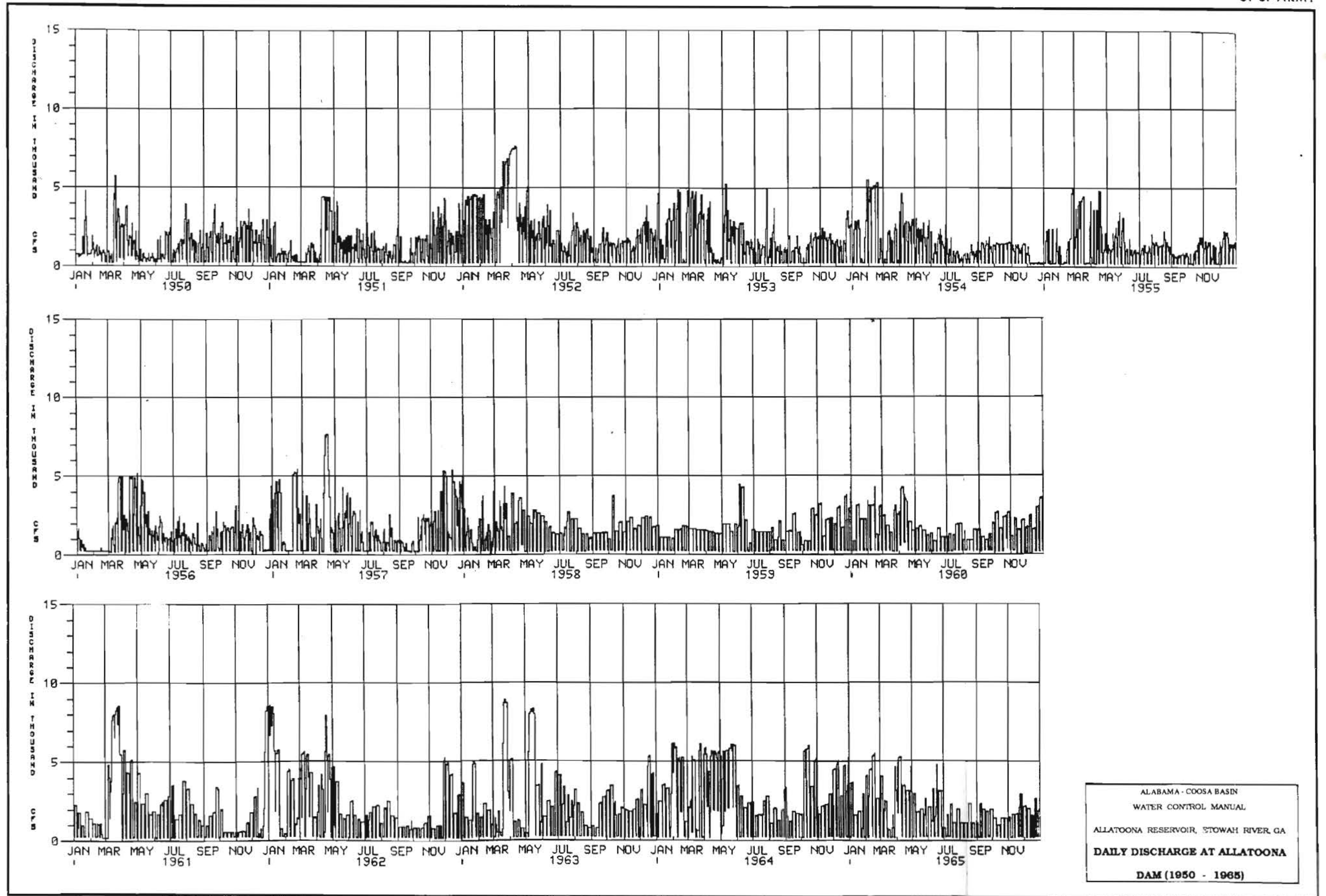
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY INFLOW AT ALLATOONA
(1946 - 1960)

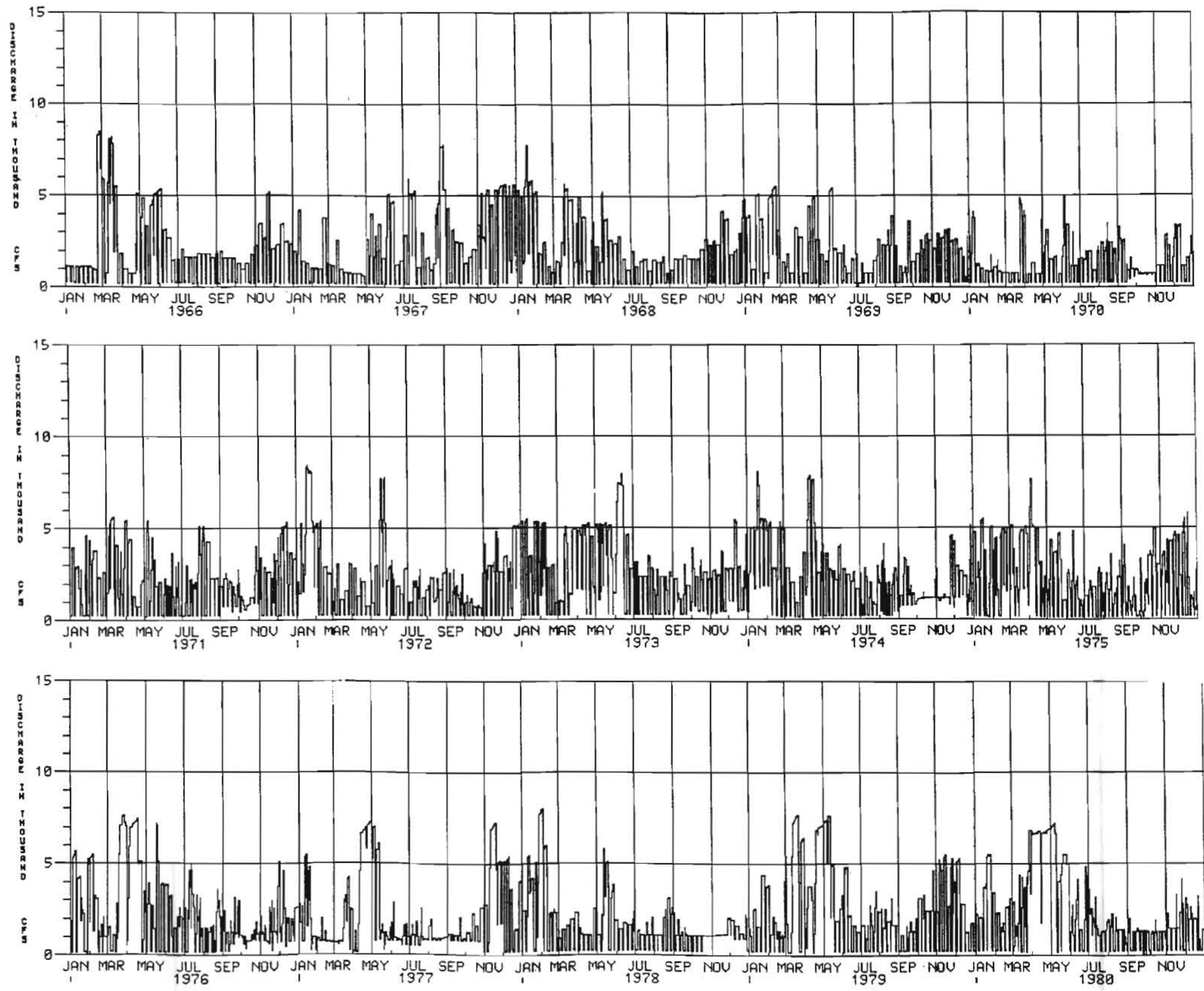


ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY INFLOW AT ALLATOONA
(1961 - 1975)

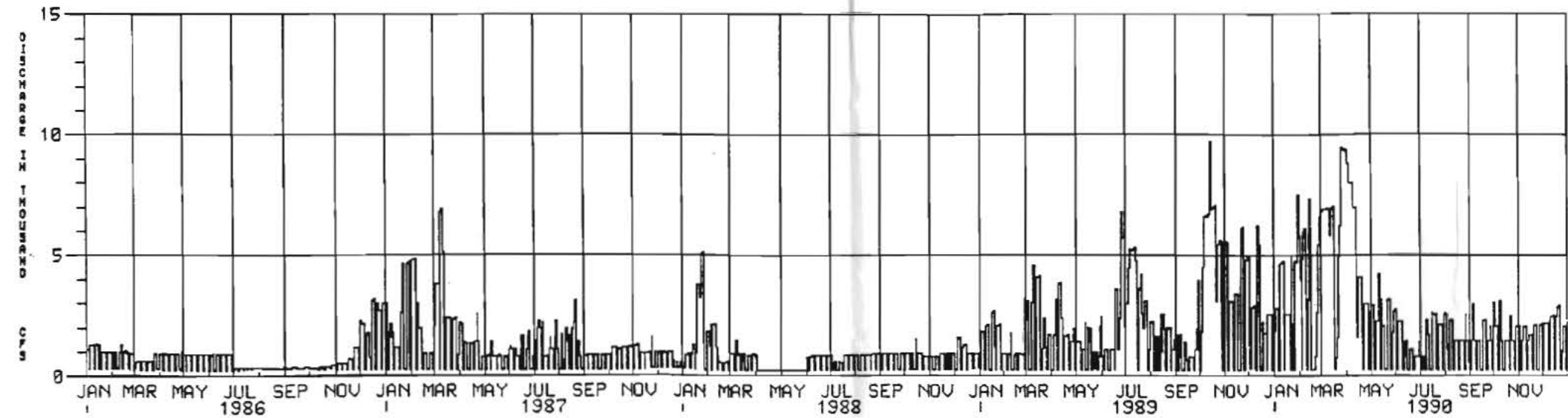
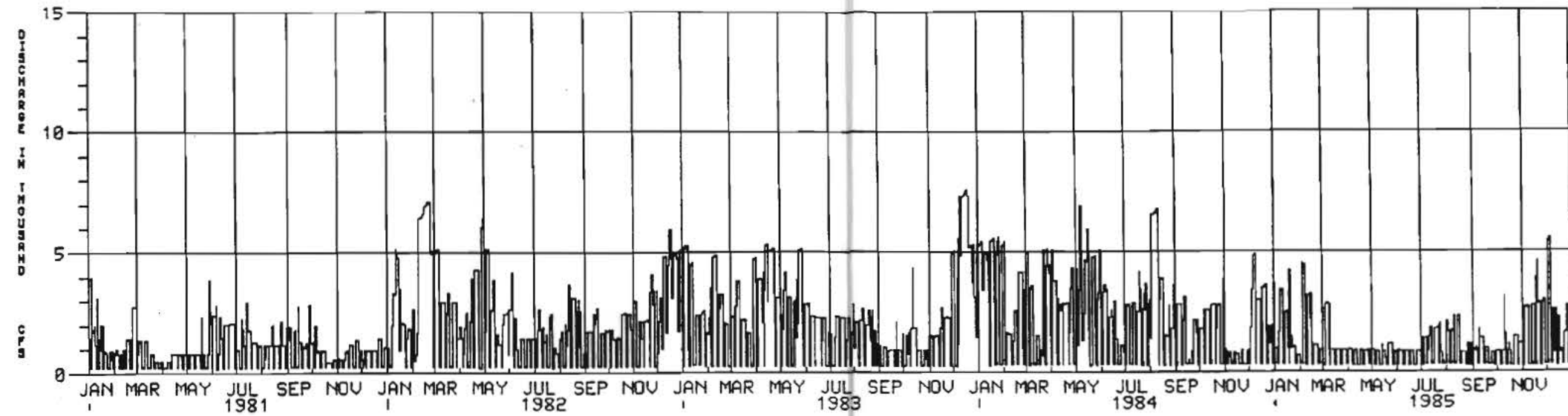


ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY INFLOW AT ALLATOONA
(1976 - 1990)





ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY DISCHARGE AT ALLATOONA
DAM (1966 - 1980)



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, STOWAH RIVER, GA
DAILY DISCHARGE AT ALLATOONA
DAM (1981 - 1990)

Allatoona Maximum, Mean Daily and Minimum Pool in Feet

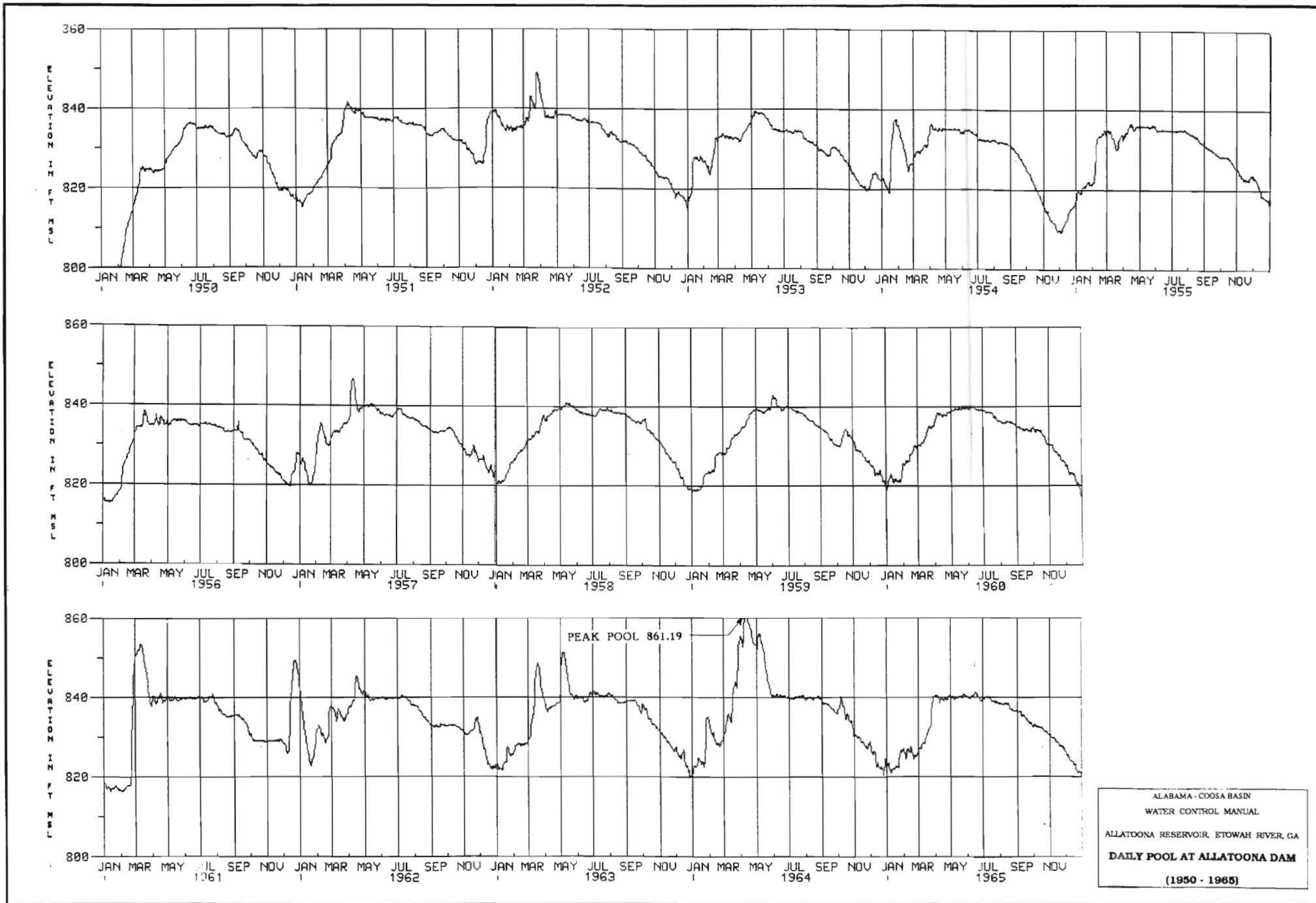
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1950*Max	797.46	814.58	825.29	825.80	831.99	836.43	835.77	835.27	835.07	830.83	828.74	820.22	836.43
Avg	781.79	807.17	821.99	824.48	829.31	835.34	835.20	833.61	833.13	828.83	824.39	818.85	822.84
Min	854.91	797.46	814.58	823.62	825.80	831.99	834.85	832.62	830.64	827.11	819.22	817.08	797.46
1951*Max	819.95	825.65	838.63	841.75	839.69	837.71	837.96	836.60	834.88	834.91	832.14	839.40	841.75
Avg	817.27	822.49	831.70	840.01	838.10	837.24	837.87	836.65	834.88	834.83	832.10	839.30	833.54
Min	815.01	818.91	825.65	838.63	837.52	836.85	835.99	833.81	833.14	831.58	825.80	825.80	815.01

Allatoona Maximum, Mean Daily and Minimum Pool in Feet

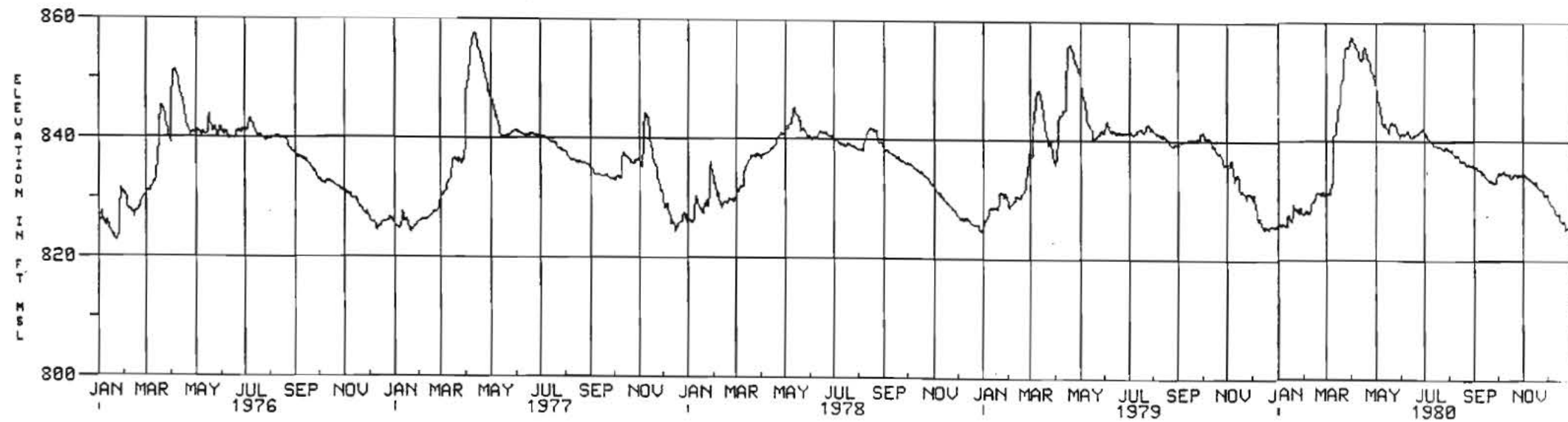
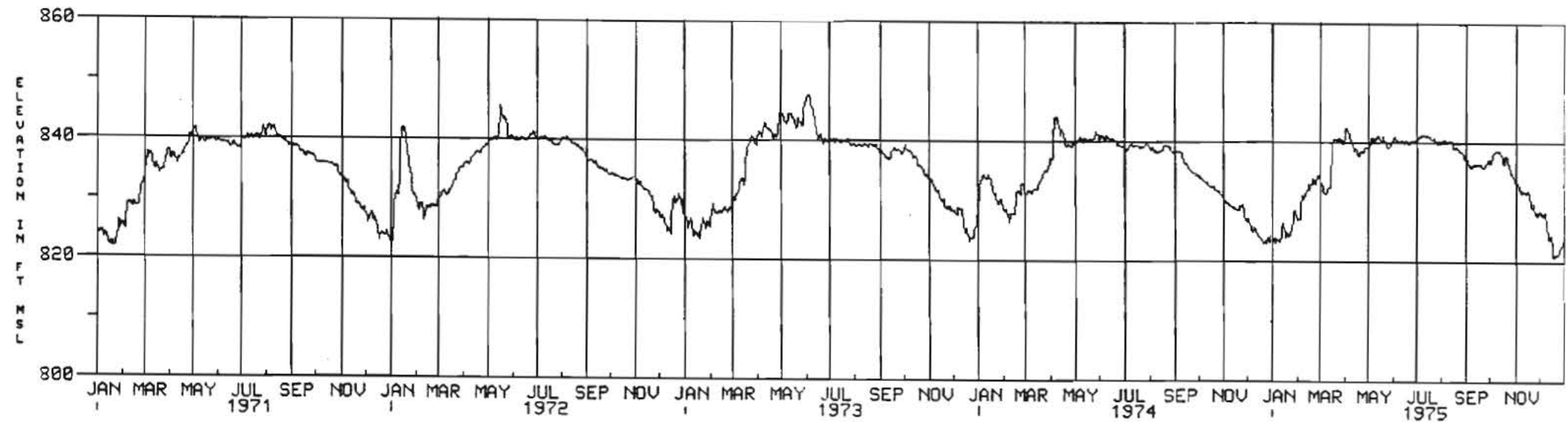
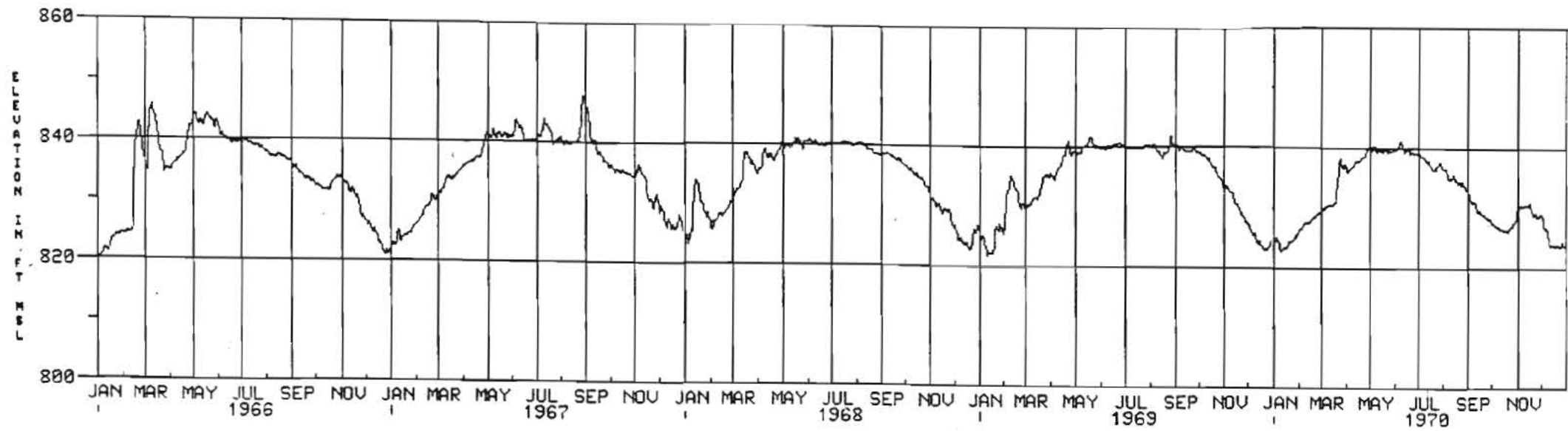
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1972 Max	841.99	830.21	835.45	839.56	845.63	841.17	840.64	840.51	836.87	834.41	833.61	831.14	845.83
Avg	833.75	828.52	832.52	837.44	841.42	840.19	839.74	839.13	835.50	833.69	830.54	827.68	835.03
Min	822.28	826.49	829.66	835.32	839.49	839.66	838.88	836.82	834.13	833.27	827.15	824.00	822.28

*Elevation for 1950 and 1951 were not included in statistics due to reservoir filling.
 Conservation pool changes of 1956, 1968 and 1990 have altered the average monthly pools.

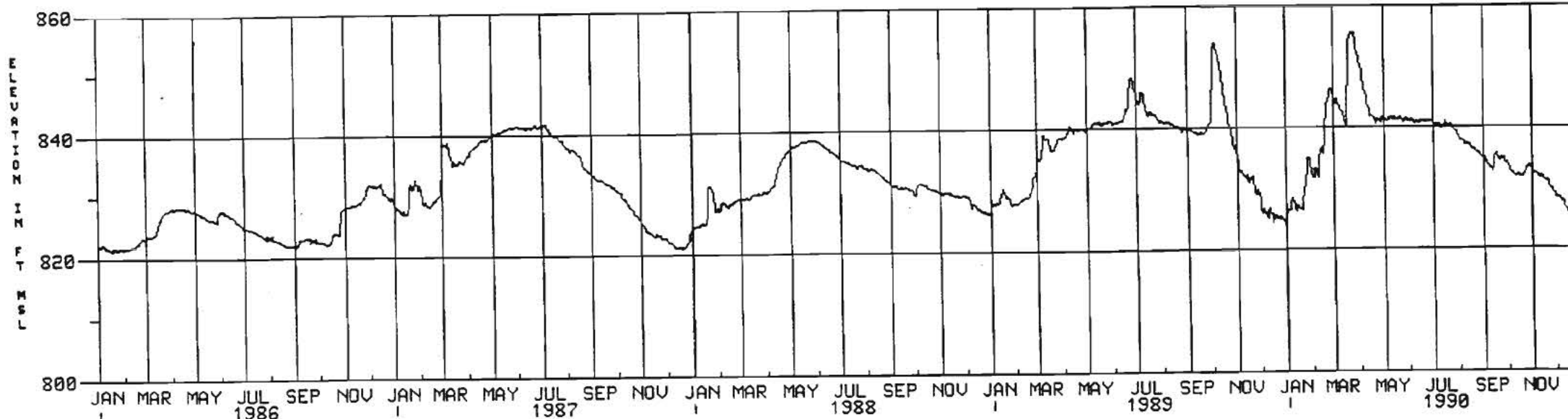
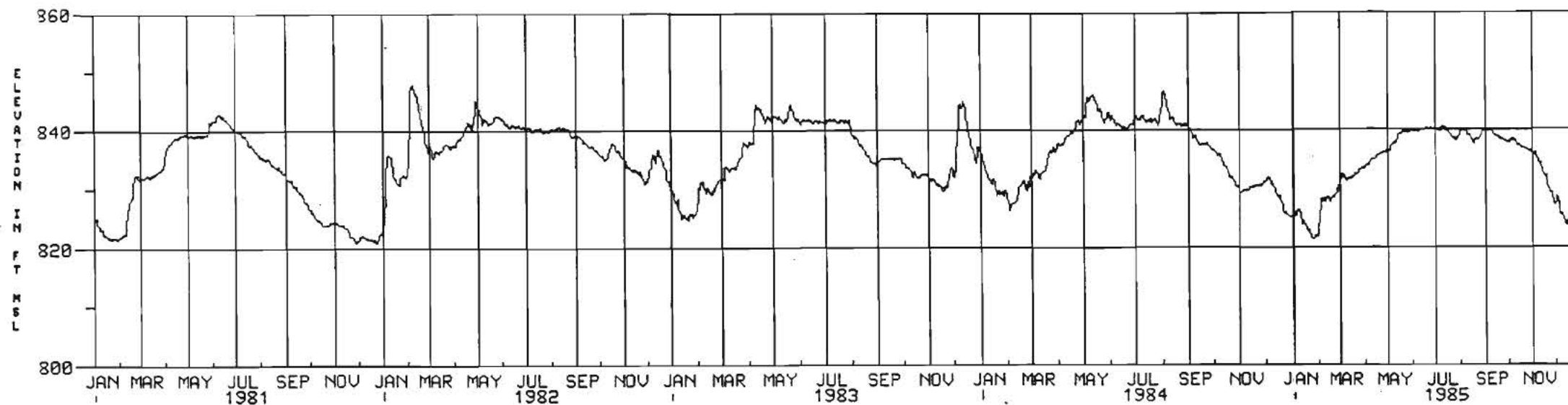
ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
ALLATOONA MAX, MIN AND MEAN
DAILY POOL (1950 - 1990)
 APPENDIX A CHART 2-22



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY POOL AT ALLATOONA DAM
(1950 - 1965)

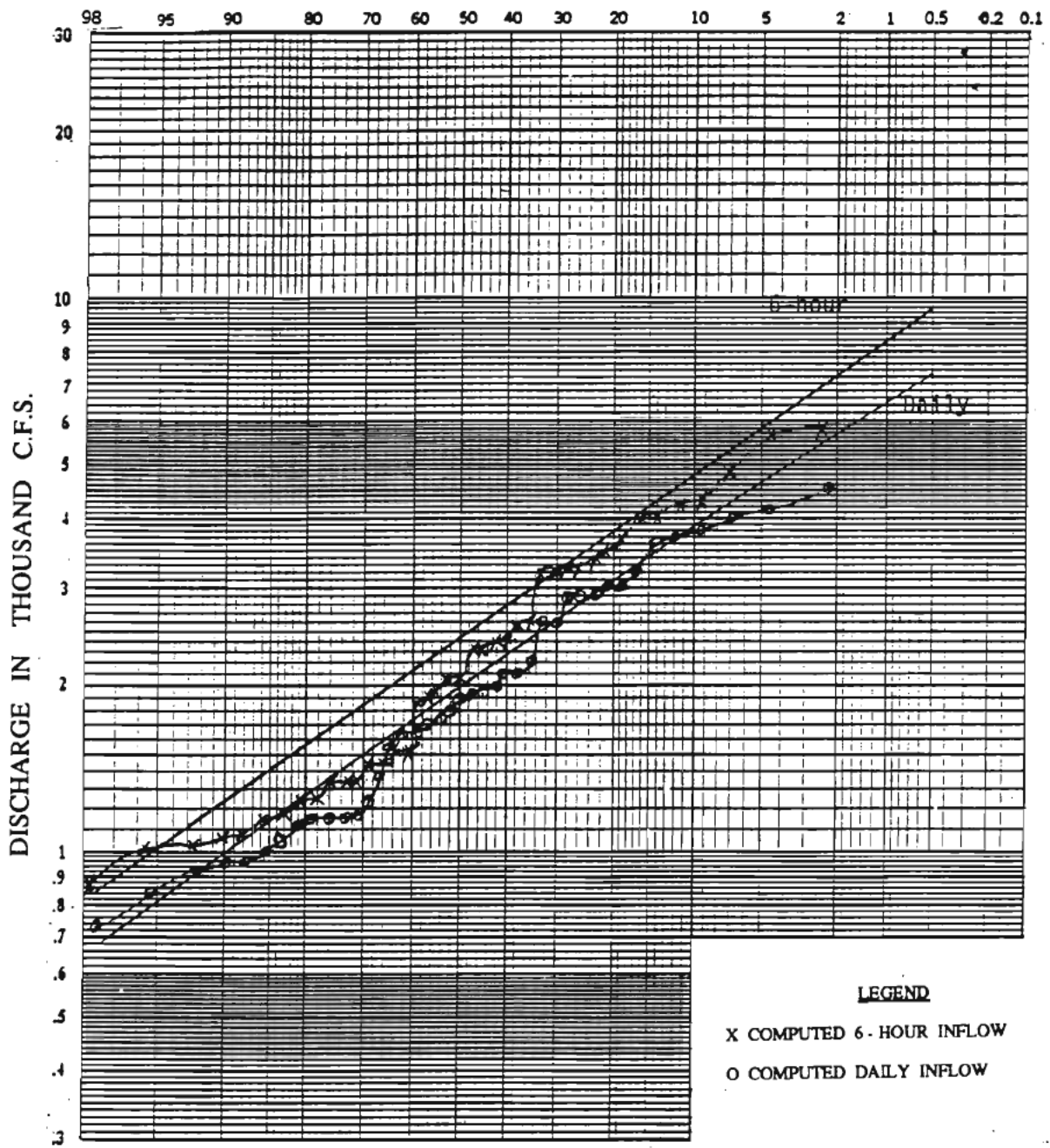


ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY POOL AT ALLATOONA DAM
(1966 - 1980)



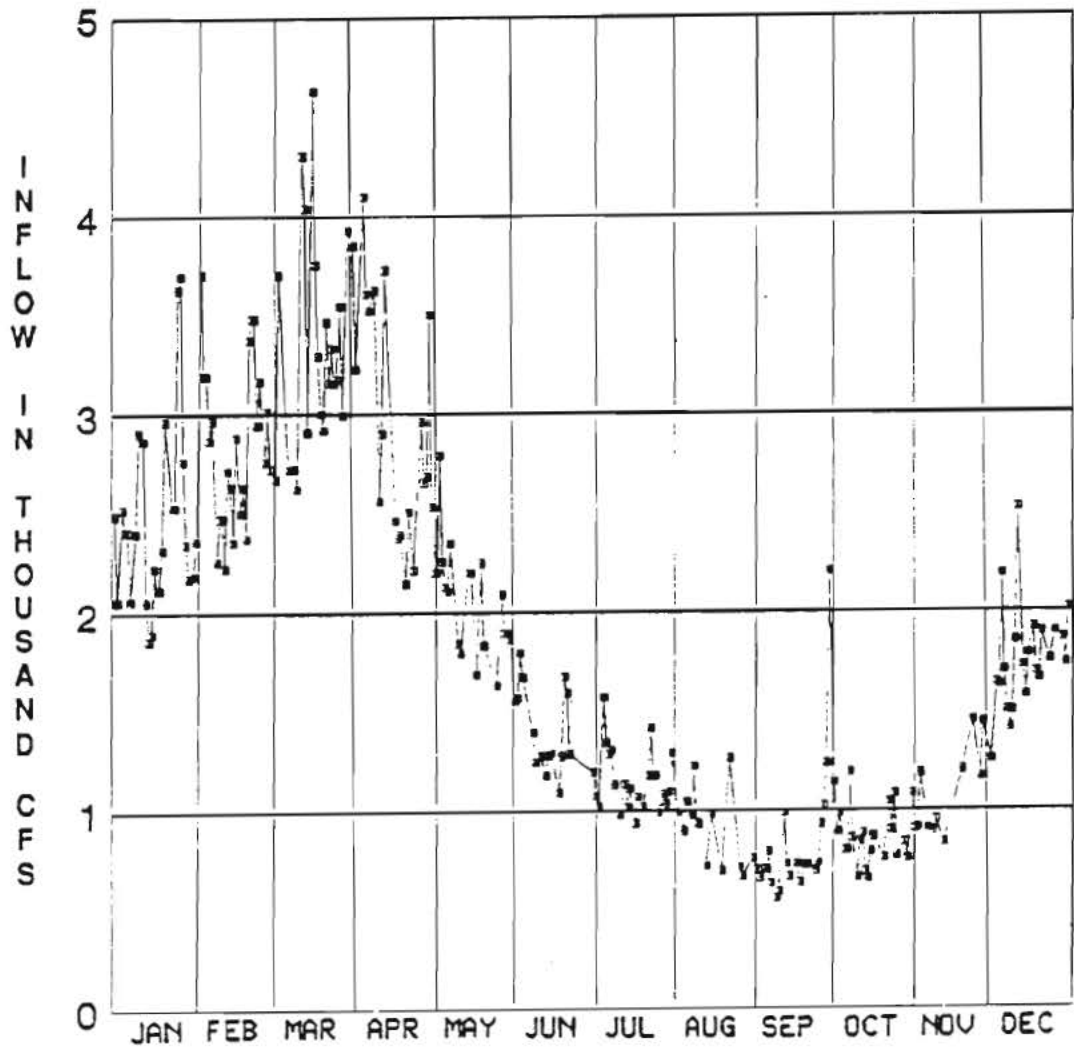
ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
DAILY POOL AT ALLATOONA DAM
(1981 - 1990)

EVENTS EXCEEDED IN 100 YEARS

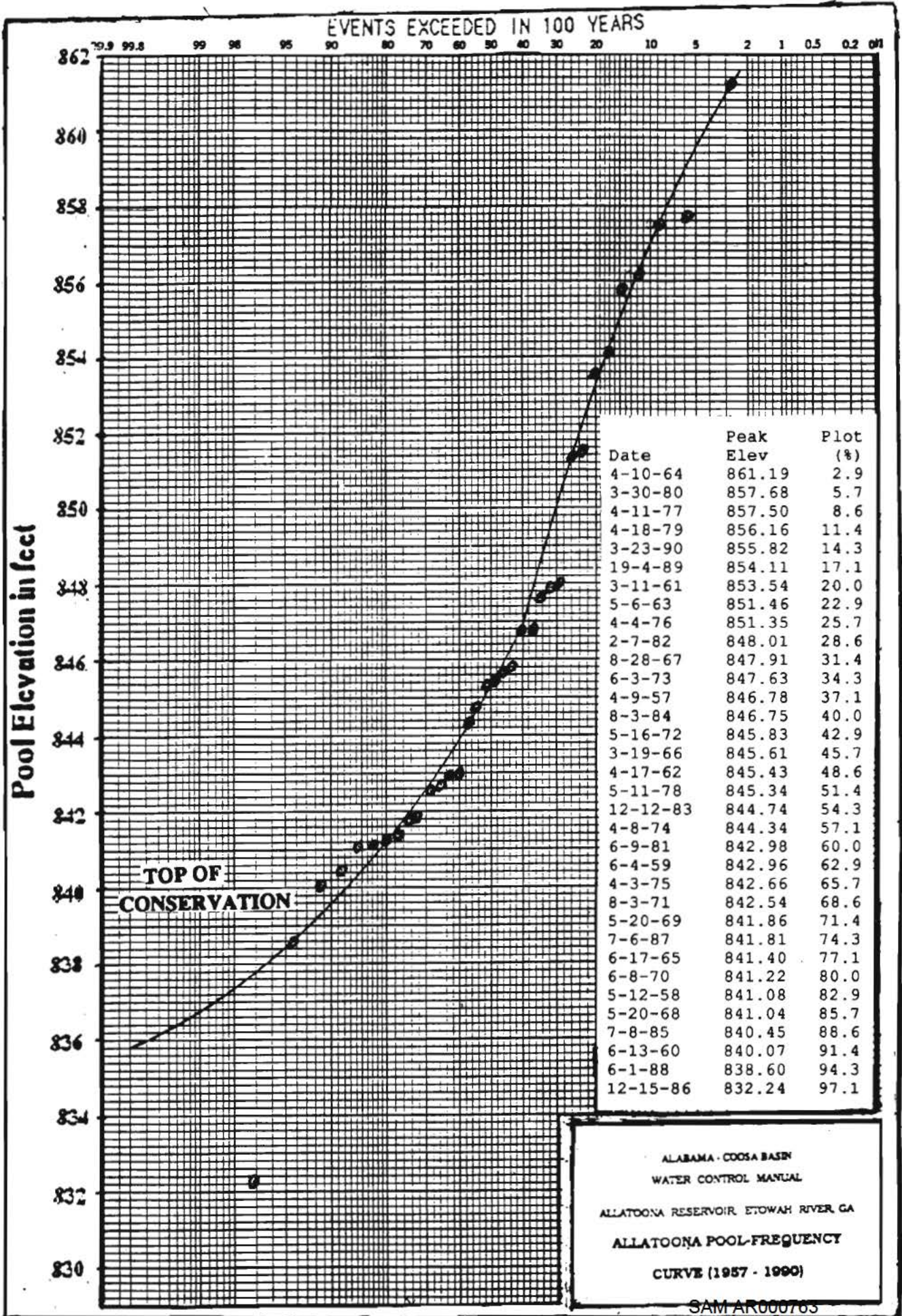


ALABAMA-COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**ALLATOONA INFLOW - FREQUENCY
CURVE (1950 - 1990)**

ALLATOONA INFLOW

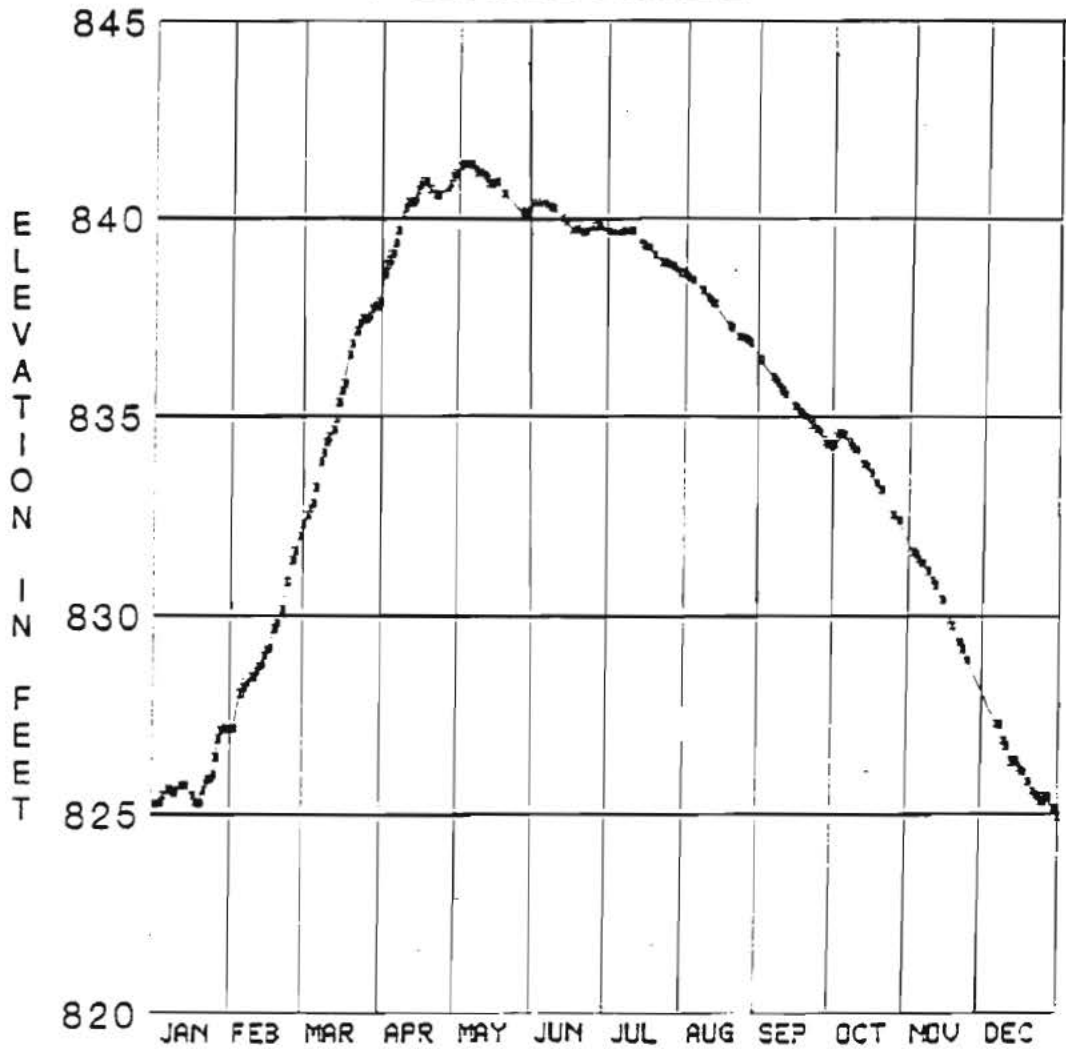


ALABAMA - COOSA BASIN
RESERVOIR REGULATION MANUAL
ALLATOONA RESERVIOR, ETOWAH RIVER, GA
ALLATOONA AVERAGE INFLOW
1950 - 1990



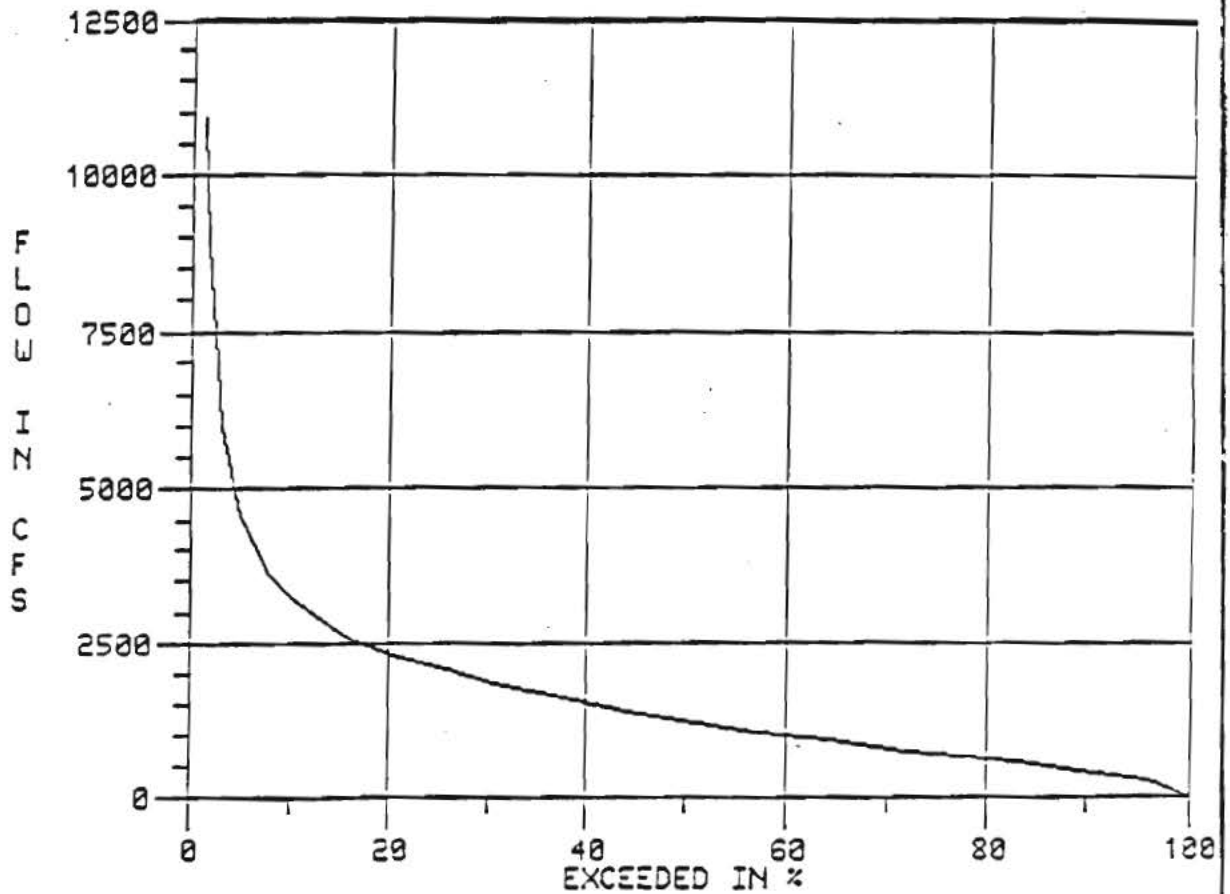
ALLATOONA ELEVATIONS

AVERAGE DAILY



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
ALLATOONA AVERAGE DAILY
POOL (1957 - 1990)

ALLATOONA DAILY FLOW DURATION CURVE (1950 - 1990)



ALABAMA - COOSA BASIN
WATER CONTROL MANUAL
ALLATOONA RESERVOIR, ETOWAH RIVER, GA
ALLATOONA DAILY FLOW
DURATION CURVE (1950 - 1990)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LOG
 02392000 DATE PROCESSED: 10-18-1991 @ 17:54 BY MOENYR
 ETOWAH RIVER AT CANTON, GA. DD: 3 TYPE: 001 RATING NO: 15.0
 OFFSET: .0 START DATE/TIME: 03-14-86 (1300)
SAME AS RATING #13 ABOVE 4.0 FEET

INPUT VALUE	GAGE HEIGHT (EXPANDED PRECISION)										DIFF IN Y PER UNIT	
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9		
.0											111	238
1.0	135*	159	186	215	245	277	311	346	383	422	488	327
2.0	462	504	547	592	639	687	737	788	840	894	488	488
3.0	950	1007	1066	1125	1187	1250*	1293	1337	1381	1425	519	519
4.0	1470*	1517	1564	1612	1660	1709	1757	1806	1856	1905	485	485
5.0	1955	2006	2056	2107	2158	2209	2261	2313	2365	2417	514	514
6.0	2470*	2519	2568	2618	2668	2718	2768	2818	2868	2919	499	499
7.0	2970*	3021	3073	3125	3177	3229	3281	3334	3387	3439	522	522
8.0	3492	3545	3599	3652	3706	3759	3813	3867	3921	3975	537	537
9.0	4030*	4096	4163	4231	4298	4367	4435	4504	4573	4643	682	682
10.0	4712	4783	4853	4924	4995	5067	5139	5211	5283	5356	717	717
11.0	5430*	5502	5574	5647	5720	5794	5867	5941	6016	6090	735	735
12.0	6165	6240	6316	6391	6467	6544	6620	6697	6774	6852	764	764
13.0	6930*	7011	7094	7176	7259	7342	7426	7510	7594	7678	833	833
14.0	7763	7848	7934	8020	8106	8192	8279	8366	8454	8541	866	866
15.0	8630*	8727	8826	8925	9024	9124	9224	9325	9426	9527	999	999
16.0	9630*	9726	9823	9920	10018	10116	10215	10313	10412	10512	982	982
17.0	10612	10712	10813	10913	11015	11116	11218	11321	11423	11526	1017	1017
18.0	11630*	11771	11913	12056	12200	12345	12490	12637	12785	12933	1453	1453
19.0	13083	13233	13385	13537	13690	13845	14000	14156	14313	14471	1546	1546
20.0	14630*	14795	14961	15128	15296	15465	15636	15807	15979	16153	1697	1697
21.0	16327	16503	16679	16857	17036	17215	17396	17578	17761	17945	1802	1802
22.0	18130*	18340	18552	18766	18981	19198	19416	19636	19857	20080	2174	2174
23.0	20304	20529	20757	20985	21216	21447	21681	21916	22152	22390	2325	2325
24.0	22630*	22948	23271	23596	23925	24256	24591	24930	25271	25616	3334	3334
25.0	25964	26315	26670	27028	27389	27754	28122	28494	28869	29247	3665	3665
26.0	29630*	30014	30401	30792	31187	31585	31987	32392	32801	33213	4000*	4000*
27.0	33630*											

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
RATING FOR ETOWAH RIVER
AT CANTON
 SAM AR000766
 APPENDIX A CHART 2-31

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LOG
 02394000 DATE PROCESSED: 10-18-1991 @ 17:56 BY MOENYR
 ETOWAH R AT ALLATOONA DAM AB CARTERSVILLE, GA. DD: 3 TYPE: 001 RATING NO: 14.0
 NO OFFSETS USED START DATE/TIME: 10-01-79 (0015)

INPUT VALUE	GAGE HEIGHT										DIFF IN Y PER UNIT
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
.0									65*	100*	375
1.0	140*	197	271	362	474	610*	768	955	1172	1422	1569
2.0	1710*	1930*	2111	2300*	2467	2640*	2798	2960*	3089	3219	1639
3.0	3350*	3478	3608	3738	3868	4000*	4129	4258	4388	4519	1299
4.0	4650*	4779	4908	5038	5169	5300*	5429	5559	5689	5819	1299
5.0	5950*	6079	6209	6339	6469	6600*	6729	6859	6989	7119	1299
6.0	7250*	7379	7509	7639	7769	7900*	8029	8159	8289	8419	1299
7.0	8550*	8679	8809	8939	9069	9200*	9358	9518	9678	9838	1449
8.0	10000*	10124	10249	10374	10499	10624	10749	10874	10999	11124	1249
9.0	11249	11374	11499	11624	11749	11874	11999	12124	12249	12374	1250
10.0	12500*	12638	12777	12916	13055	13194	13334	13473	13613	13753	1393
11.0	13893	14033	14173	14313	14454	14594	14735	14876	15017	15158	1406*
12.0	15300*										

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**RATING FOR ETOWAH RIVER AT
 ALLATOONA AB CARTERSVILLE**

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LOG
 02395000 DATE PROCESSED: 10-18-1991 @ 17:58 BY MOENYR
 ETOWAH RIVER NEAR KINGSTON, GA. DD: 2 TYPE: 001 RATING NO: 20.0
 OFFSET: 2.0 BREAK, OFFSET: (6.0, 4.0) START DATE/TIME: 10-01-90 (0100)

INPUT VALUE	GAGE HEIGHT (EXPANDED PRECISION)										DIFF IN Y PER UNIT	
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9		
2.0											256*	439
3.0	300*	345	393	444	496	550*	608	668	730	794		559
4.0	860*	933	1009	1087	1168	1251	1336	1424	1513	1605		839
5.0	1700*	1792	1885	1981	2079	2178	2279	2381	2486	2592		999
6.0	2700*	2810	2920*	3040	3160*	3290	3420*	3559	3699	3839		1279
7.0	3980*	4119	4259	4399	4539	4680*	4823	4967	5111	5255		1419
8.0	5400*	5548	5696	5845	5994	6144	6294	6444	6594	6745		1496
9.0	6896	7047	7199	7351	7503	7656	7808	7962	8115	8268		1525
10.0	8422	8576	8730	8885	9040	9195	9350	9505	9661	9817		1550
11.0	9973	10129	10286	10442	10599	10756	10914	11071	11229	11387		1572
12.0	11545	11703	11862	12021	12180	12339	12498	12657	12817	12977		1591
13.0	13137	13297	13457	13617	13778	13939	14100	14261	14422	14584		1608
14.0	14745	14907	15069	15231	15393	15555	15718	15880	16043	16206		1624
15.0	16369	16532	16696	16859	17023	17187	17351	17515	17679	17843		1638
16.0	18008	18172	18337	18502	18667	18832	18997	19163	19328	19494		1651
17.0	19659	19825	19991	20157	20324	20490	20656	20823	20990	21156		1663
18.0	21323	21490	21658	21825	21992	22160	22327	22495	22663	22831		1675
19.0	22999	23167	23335	23504	23672	23841	24009	24178	24347	24516		1686
20.0	24685	24854	25024	25193	25362	25532	25702	25872	26041	26211		1696
21.0	26381	26552	26722	26892	27063	27233	27404	27575	27746	27917		1706
22.0	28088	28259	28430	28601	28773	28944	29116	29287	29459	29631		1715
23.0	29803	29975	30147	30319	30491	30664	30836	31009	31181	31354		1723
24.0	31527	31700	31873	32046	32219	32392	32565	32739	32912	33086		1732
25.0	33259	33433	33607	33780	33954	34128	34302	34476	34651	34825		1740*
26.0	35000*											

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
RATING FOR ETOWAH RIVER
AT KINGSTON

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LINEAR
 02396000 DATE PROCESSED: 10-18-1991 @ 17:59 BY MOENYR
 ETOWAH RIVER AT ROME, GA. DD: 2 TYPE: 001 RATING NO: 9.0
 NO OFFSETS USED START DATE/TIME: 10-01-83 (0015)

INPUT VALUE	GAGE HEIGHT										DIFF IN Y PER UNIT
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
3.0				198*	254	310*	367	424	481	537	567
4.0	595	652	708	766	822	880*	940	999	1060	1119	584
5.0	1179	1239	1299	1359	1419	1480*	1542	1605	1668	1731	615
6.0	1794	1857	1920	1983	2046	2109	2172	2235	2298	2361	630
7.0	2424	2487	2550	2613	2676	2739	2802	2865	2928	2991	630
8.0	3054	3117	3180	3243	3306	3369	3432	3495	3558	3621	630
9.0	3684	3747	3810	3873	3936	4000*	4069	4139	4209	4279	664
10.0	4349	4419	4489	4559	4629	4699	4769	4839	4909	4979	699
11.0	5050*	5122	5194	5267	5339	5412	5484	5557	5629	5702	724
12.0	5774	5847	5919	5992	6064	6137	6209	6282	6354	6427	724
13.0	6500*	6573	6647	6721	6795	6869	6943	7017	7091	7165	739
14.0	7239	7313	7387	7461	7535	7609	7683	7757	7831	7905	739
15.0	7979	8053	8127	8201	8275	8349	8423	8497	8571	8645	739
16.0	8719	8793	8867	8941	9015	9089	9163	9237	9311	9385	739
17.0	9459	9533	9607	9681	9755	9829	9903	9977	10051	10125	739
18.0	10200*	10290	10380	10470	10560	10650	10740	10830	10920	11010	900
19.0	11099	11190	11280	11370	11460	11550	11640	11730	11820	11910	900
20.0	12000	12090	12180	12270	12360	12450	12540	12630	12720	12810	900
21.0	12900	12990	13080	13170	13260	13350	13440	13530	13620	13710	900
22.0	13800	13890	13980	14070	14160	14250	14340	14430	14520	14610	900
23.0	14700	14790	14880	14970	15060	15150	15240	15330	15420	15510	900
24.0	15600	15690	15780	15870	15960	16050	16140	16230	16320	16410	900
25.0	16500*	16600	16700	16800	16900	17000	17100	17200	17300	17400	1000
26.0	17500	17600	17700	17800	17900	18000	18100	18200	18300	18400	1000
27.0	18500	18600	18700	18800	18900	19000	19100	19200	19300	19400	1000
28.0	19500	19600	19700	19800	19900	20000	20100	20200	20300	20400	1000
29.0	20500	20600	20700	20800	20900	21000	21100	21200	21300	21400	1000
30.0	21500	21600	21700	21800	21900	22000	22100	22200	22300	22400	1000
31.0	22500	22600	22700	22800	22900	23000	23100	23200	23300	23400	1000
32.0	23500	23600	23700	23800	23900	24000	24100	24200	24300	24400	1000
33.0	24500	24600	24700	24800	24900	25000	25100	25200	25300	25400	1000
34.0	25500	25600	25700	25800	25900	26000	26100	26200	26300	26400	1000
35.0	26500	26600	26700	26800	26900	27000	27100	27200	27300	27400	1000
36.0	27500	27600	27700	27800	27900	28000	28100	28200	28300	28400	1000
37.0	28500	28600	28700	28800	28900	29000	29100	29200	29300	29400	1000*
38.0	29500*										

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
RATING FOR ETOWAH RIVER
AT ROME

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LOG
 02387500 DATE PROCESSED: 10-18-1991 @ 17:52 BY MOENYR
 OOSTANAULA RIVER AT RESACA, GA. DD: 3 TYPE: 001 RATING NO: 9.0
 OFFSET: .0 BREAK, OFFSET: (27.0, 2.0) START DATE/TIME: 02-16-90 (0100)
 SAME AS #8 BELOW 27 FT

INPUT VALUE	GAGE HEIGHT (EXPANDED PRECISION)										DIFF IN Y PER UNIT
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
1.0	190*	218	247	278	309	342	376	410	446	482	329
2.0	520*	558	597	637	678	720	762	805	849	894	419
3.0	940*	987	1035	1085	1135	1185	1237	1289	1342	1395	509
4.0	1450*	1502	1555	1609	1663	1718	1773	1829	1885	1942	549
5.0	2000*	2057	2116	2174	2234	2294	2354	2415	2476	2537	599
6.0	2600*	2658	2717	2776	2836	2895	2956	3016	3077	3138	599
7.0	3200*	3269	3339	3410	3481	3553	3625	3698	3771	3845	719
8.0	3919	3993	4069	4144	4220	4297	4374	4451	4529	4607	767
9.0	4686	4766	4845	4926	5006	5087	5169	5251	5333	5416	813
10.0	5500*	5578	5657	5737	5816	5896	5977	6057	6138	6220	801
11.0	6301	6383	6466	6548	6631	6715	6798	6882	6966	7051	833
12.0	7135	7220	7306	7391	7477	7564	7650	7737	7824	7912	864
13.0	8000*	8094	8189	8284	8380	8476	8573	8670	8767	8864	962
14.0	8962	9061	9160	9259	9358	9458	9558	9659	9760	9861	1000
15.0	9963	10065	10167	10270	10373	10477	10581	10685	10789	10894	1036
16.0	11000*	11095	11191	11287	11384	11480	11577	11674	11771	11869	967
17.0	11967	12064	12163	12261	12360	12459	12558	12657	12756	12856	989
18.0	12956	13056	13157	13257	13358	13459	13560	13662	13763	13865	1011
19.0	13967	14070	14172	14275	14378	14481	14584	14688	14791	14895	1032
20.0	15000*	15113	15226	15340	15454	15568	15683	15798	15913	16029	1145
21.0	16145	16261	16377	16494	16611	16728	16845	16963	17081	17199	1173
22.0	17318	17437	17556	17675	17795	17915	18035	18155	18276	18397	1200
23.0	18518	18640	18762	18884	19006	19129	19252	19375	19498	19622	1227
24.0	19746	19870	19994	20119	20244	20369	20495	20621	20747	20873	1253
25.0	21000*	21099	21198	21298	21397	21497	21596	21696	21796	21896	996
26.0	21996	22096	22196	22296	22396	22497	22597	22698	22798	22899	1003
27.0	23000*	23390	23786	24187	24592	25004	25420	25841	26268	26701	4138
28.0	27138	27581	28030	28484	28944	29409	29880	30357	30840	31328	4684
29.0	31823	32323	32829	33341	33860	34384	34915	35451	35995	36544	5277
30.0	37100	37662	38231	38806	39388	39976	40572	41173	41782	42398	5920
31.0	43020	43649	44286	44929	45580	46237	46902	47574	48254	48941	6615
32.0	49635	50337	51046	51763	52488	53220	53960	54708	55464	56228	7364*
33.0	57000*										

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**RATING FOR OOSTANAULA
 RIVER AT RESACA**

APPENDIX A CHART 2-35

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LOG
 02388500 DATE PROCESSED: 10-18-1991 @ 17:48 BY MOENYR
 OOSTANAULA RIVER NEAR ROME, GA. DD: 3 TYPE: 001 RATING NO: 12.0
 OFFSET: 2.0 START DATE/TIME: 10-01-89 (0015)

INPUT VALUE	GAGE HEIGHT (EXPANDED PRECISION)										DIFF IN Y PER UNIT
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
3.0	260*	287	315	343	371	400*	429	459	489	519	289
4.0	550*	581	613	645	677	710*	748	788	828	868	359
5.0	910*	957	1005	1053	1103	1153	1204	1256	1309	1363	507
6.0	1417	1472	1527	1584	1641	1699	1757	1816	1876	1937	581
7.0	1998	2060	2122	2186	2249	2314	2379	2445	2511	2578	647
8.0	2646	2714	2783	2852	2922	2993	3064	3136	3208	3281	709
9.0	3355	3429	3504	3579	3655	3731	3808	3885	3963	4042	766
10.0	4121	4201	4281	4361	4443	4524	4606	4689	4772	4856	819
11.0	4941	5025	5111	5196	5283	5370	5457	5545	5633	5722	870
12.0	5811	5901	5991	5082	6173	6265	6357	6449	6542	6636	918
13.0	6730	6824	6919	7015	7110	7207	7303	7401	7498	7596	965
14.0	7695	7794	7893	7993	8093	8194	8295	8397	8499	8602	1009
15.0	8704	8808	8912	9016	9120	9225	9331	9437	9543	9650	1052
16.0	9757	9864	9972	10081	10189	10299	10408	10518	10629	10739	1093
17.0	10851	10962	11074	11187	11299	11413	11526	11640	11755	11869	1133
18.0	11985	12100	12216	12332	12449	12566	12684	12802	12920	13038	1172
19.0	13157	13277	13397	13517	13637	13758	13879	14001	14123	14245	1210
20.0	14368	14491	14615	14739	14863	14987	15112	15238	15363	15489	1247
21.0	15616	15743	15870	15997	16125	16253	16382	16511	16640	16769	1283
22.0	16900*	17013	17126	17240	17353	17467	17582	17696	17810	17925	1140
23.0	18040	18155	18271	18386	18502	18618	18734	18850	18966	19083	1159
24.0	19200*	19332	19464	19597	19730	19863	19997	20131	20265	20400	1334
25.0	20534	20670	20805	20941	21077	21213	21350	21487	21624	21762	1364
26.0	21900*	22051	22202	22354	22506	22659	22812	22966	23120	23274	1529
27.0	23429	23584	23740	23896	24052	24209	24366	24524	24682	24841	1570
28.0	25000*	25170	25340	25512	25683	25856	26029	26202	26376	26550	1725
29.0	26725	26900	27076	27252	27429	27606	27784	27962	28141	28320	1774
30.0	28500*	28693	28888	29083	29279	29476	29673	29871	30069	30269	1968
31.0	30468	30669	30869	31071	31273	31476	31679	31884	32088	32294	2031
32.0	32500*	32717	32936	33156	33376	33597	33819	34041	34264	34488	2213
33.0	34713	34938	35164	35391	35619	35847	36076	36306	36536	36767	2286
34.0	37000*	37242	37485	37728	37973	38218	38465	38712	38960	39208	2458
35.0	39458	39708	39960	40212	40465	40718	40973	41228	41484	41742	2541
36.0	42000*	42266	42533	42801	43070	43340	43611	43883	44156	44429	2704
37.0	44704	44980	45256	45533	45811	46090	46370	46651	46933	47216	2795*
38.0	47500*										

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
RATING FOR OOSTANAULA
RIVER NEAR ROME

APPENDIX A CHART 2-36

SAM AR000771

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION PAGE 1
 EXPANDED RATING TABLE TYPE: LOG
 02397000 DATE PROCESSED: 10-18-1991 @ 17:50 BY MOENYR
 COOSA RIVER NEAR ROME, GA DD: 3 TYPE: 001 RATING NO: 14
 OFFSET: 7.0 START DATE/TIME: 10-01-87 (0100)
MAY BE AFFECTED BY BACKWATER DUE TO LAKE WEISS

INPUT VALUE	GAGE HEIGHT (EXPANDED PRECISION)										DIFF IN Y PER UNIT
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
10.0								840*	925	1016	914
11.0	1114	1218	1329	1448	1574	1707	1849	1999	2157	2325	1387
12.0	2501	2687	2883	3090*	3324	3572	3834	4109	4400*	4621	2348
13.0	4850*	5071	5300*	5522	5750*	5972	6200*	6422	6650*	6872	2249
14.0	7100*	7323	7550*	7797	8050*	8297	8550*	8798	9050*	9322	2499
15.0	9600*	9870	10146	10425	10709	10997	11289	11585	11886	12190	2899
16.0	12500*	12741	12984	13229	13476	13725	13976	14229	14484	14741	2499
17.0	15000*	15194	15390	15585	15782	15979	16177	16375	16573	16773	1972
18.0	16972	17173	17374	17575	17777	17979	18182	18386	18590	18794	2026
19.0	19000*	19194	19390	19585	19781	19978	20174	20372	20569	20767	1965
20.0	20965	21163	21362	21562	21761	21961	22161	22362	22563	22764	2000
21.0	22966	23168	23370	23572	23775	23978	24182	24386	24590	24795	2033
22.0	25000*	25174	25348	25523	25698	25872	26047	26222	26397	26572	1747
23.0	26747	26922	27097	27272	27447	27623	27798	27973	28148	28324	1752
24.0	28500*	28650	28800	28950	29100	29250	29400	29550	29700	29850	1499
25.0	30000*	30150	30300	30450	30600	30750	30900	31050	31200	31350	1499
26.0	31500*	31650	31800	31950	32100	32250	32400	32550	32700	32850	1499
27.0	33000*	33198	33398	33597	33797	33997	34197	34397	34598	34799	1999
28.0	35000*	35247	35495	35743	35993	36242	36493	36743	36995	37247	2499
29.0	37500*	37747	37995	38244	38493	38743	38993	39244	39495	39747	2499
30.0	40000*	40381	40764	41149	41536	41925	42316	42709	43105	43502	3901
31.0	43901	44302	44704	45109	45516	45925	46336	46749	47164	47581	4098
32.0	48000*	48407	48816	49228	49641	50056	50473	50891	51312	51734	4158
33.0	52158	52584	53011	53441	53872	54306	54741	55178	55616	56057	4341
34.0	56500*	56941	57385	57830	58278	58727	59178	59630	60085	60541	4499
35.0	61000*	61457	61917	62379	62842	63307	63774	64243	64713	65185	4659
36.0	65659	66135	66613	67092	67574	68057	68542	69029	69517	70007	4840*
37.0	70500*										

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
RATING FOR COOSA RIVER
NEAR ROME

APPENDIX A CHART 2-37

SAM AR000772

ESTIMATED RATING FOR OOSTANAULA AND ETOWAH
RIVERS AT ROME USING ROME 5TH AVENUE STAGES
(CORRELATION OF PEAK STAGES AT MAYO'S BAR VS. ROME 5TH AVENUE)

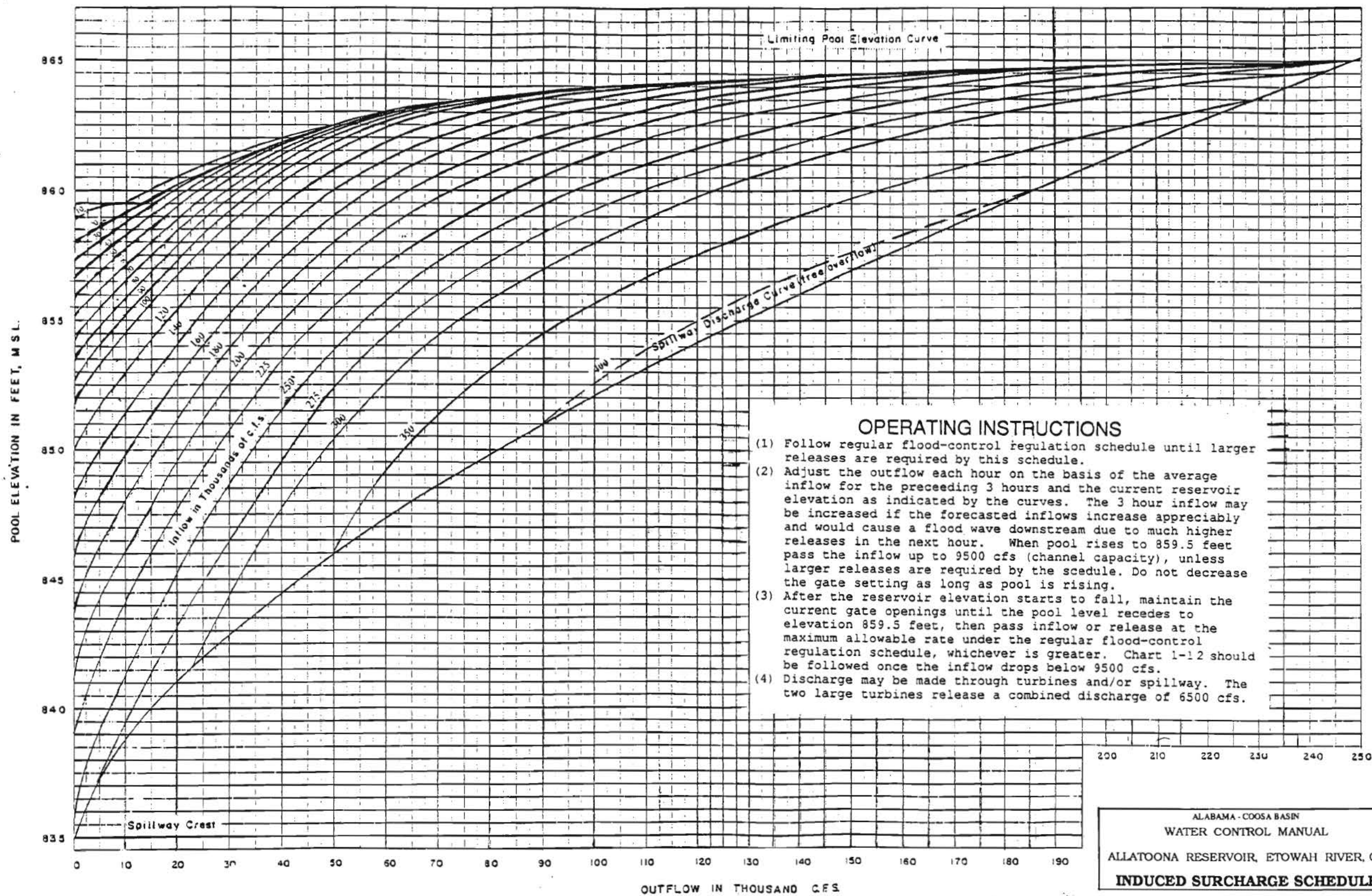
Gage	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4	3320	3400	3500	3600	3700	3800	3900	4000	4100	4200
5	4300	4400	4500	4600	4700	4800	4900	5000	5100	5100
6	5300	5410	5530	5640	5750	5860	5980	6090	6200	6300
7	6400	6400	6600	6700	6800	6900	7000	7100	7240	7370
8	7510	7640	7780	7910	8050	8190	8340	8480	8620	8760
9	8910	9050	9210	9360	9520	9580	9830	9990	10150	10340
10	10530	10720	10910	11100	11290	11490	11690	11890	12090	12300
11	12500	12660	12830	12990	13150	13310	13480	13640	13810	13980
12	14150	14320	14490	14640	14790	14940	15090	15240	15390	15550
13	15700	15860	16020	16180	16310	16440	16580	16710	16840	16970
14	17130	17300	17460	17620	17780	17940	18100	18270	18430	18590
15	18750	18910	19070	19230	19309	19550	19700	19860	20020	20180
16	20330	20490	20650	20810	20970	21130	21280	21440	21600	21760
17	21960	22160	22360	22560	22720	22890	23050	23210	23370	23530
18	23700	23860	24020	24180	24350	24510	24670	24840	25000	25180
19	25350	25520	25700	25870	26050	26220	26400	26540	26680	26820
20	26960	27100	27240	27380	27520	27660	27800	27940	28140	28330
21	28500	28650	28800	28950	29100	29220	29340	29460	29580	29710
22	29850	30000	30150	30300	30450	30600	30750	30900	31020	31140
23	31240	31360	31500	31650	31800	31950	32100	32250	32400	32550
24	32700	32880	33050	33220	33400	33600	33800	34000	34200	34400
25	34600	34800	35000	35250	35500	35740	35990	36240	36490	36750
26	37000	37250	37500	37750	38000	38250	38500	38750	38990	39200
27	39400	39600	39800	40000	40380	40770	41150	41540	41920	42320
28	42710	43110	43510	43910	44310	44710	45110	45520	45930	46340
29	46750	47170	47580	48000	48430	48870	49300	49730	50170	50620
30	51060	51500	51950	52400	52850	53300	53760	54210	54670	55130
31	55510	55880	56250	56630	57000	57470	57950	58420	58890	59540
32	61080	60820	61120	61410	61700	61990	62280	63280	63780	64280
33	64800									

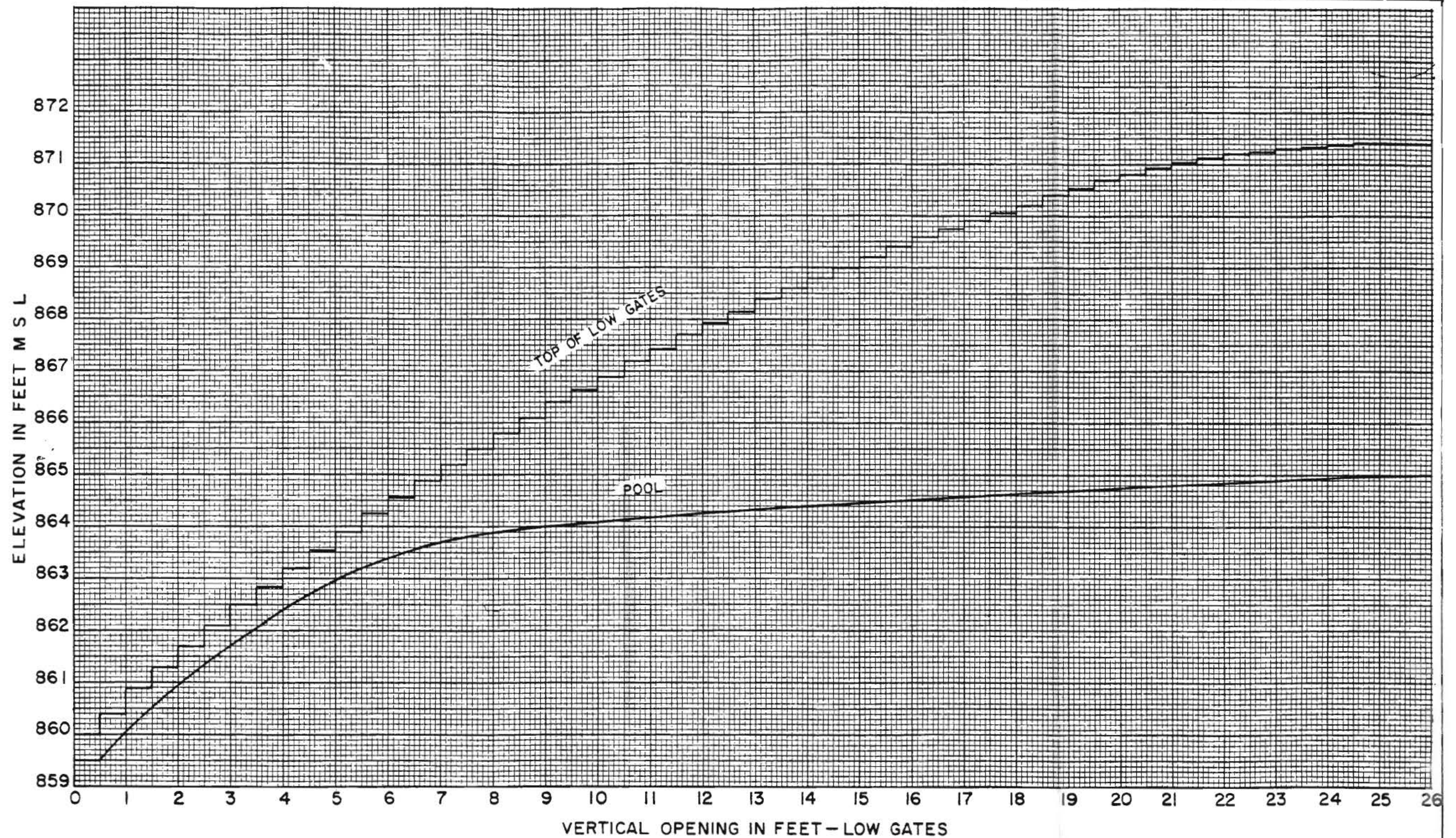
ALLATOONA RESERVOIR

OPERATOR INSTRUCTION IN CASE CONTACT LOST WITH DISTRICT

CONDITION	ACTION
I. Rome gage is above 20' and Rising Pool is below 850'	Halt Scheduled Releases
II. Rome gage is above 20' and Rising Pool is above 850'	Continue Scheduled Release
III. Rome gage is below 22' and Falling	Make Scheduled Release
IV. Rome gage is above 25' or Kingston is above 11' or Cartersville 61 is above 18'	Make No Release
V. Induced Surcharge Release, Chart 4-2 Regardless of Downstream Conditions Whenever Average of Last 3 hourly Inflows and Pool Level Dictate a Surcharge Release	Release Greater of Condition V or I-III

Notes: The bankfull stages at Rome, Kingston and Cartersville are 20, 9 and 15 feet, respectively. If Rome stage can not be obtained, then make projection by using the rate of change of the last known 3 hours of stages and estimate the current Rome stage. In the meantime if a storm of 4 inches or greater occurs in the area below Allatoona Dam, the rate of rise at Rome should probably be one foot per 3 hours. If it appears that the Rome stage will exceed 25 feet and surcharge chart does not indicate a release, then halt generation. Condition II implies a previous flood condition or high inflows into Allatoona; the pool should be lowered.



**NOTE:**

For induced-surge operation gates will be opened as uniformly as practicable with no gate opening more than 0.5 foot larger than any other gate opening.

When regular induced-surge operation would result in pool levels above this limiting schedule, gates will be opened as required so that the openings of the low gates will conform with the limiting schedule.

All gates will be clear when pool reaches elevation 865.0.

ALABAMA - COOSA BASIN
 WATER CONTROL MANUAL
 ALLATOONA RESERVOIR, ETOWAH RIVER, GA
**LIMITING GATE-OPENING SCHEDULE
 FOR INDUCED SURCHARGE OPERATION**