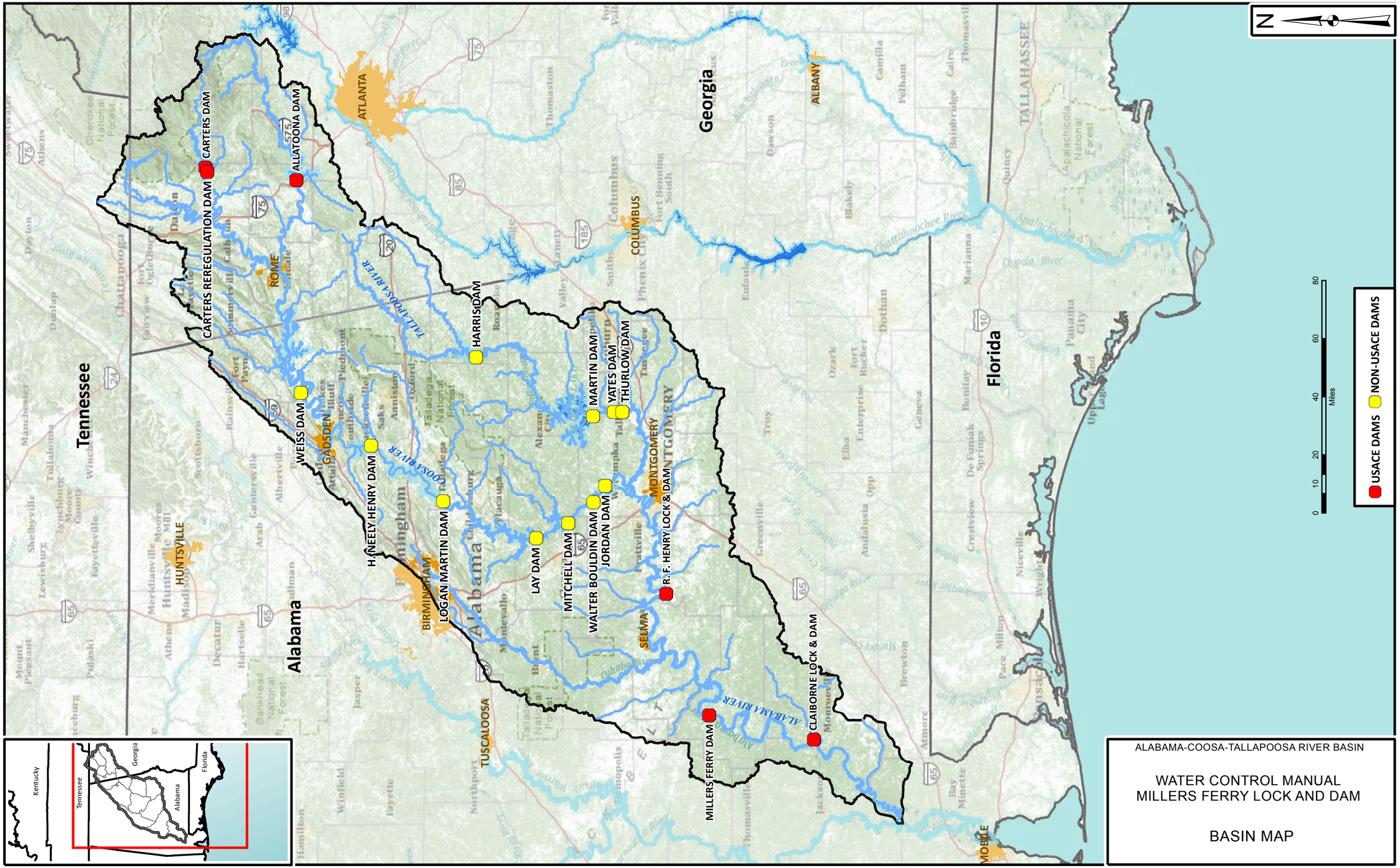
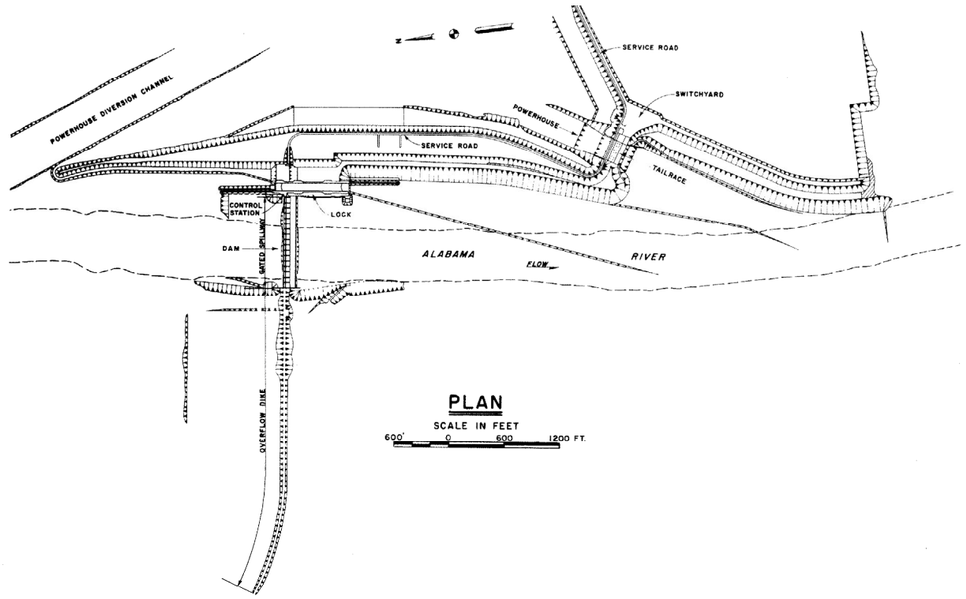
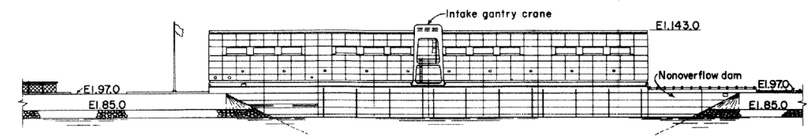
PLATES

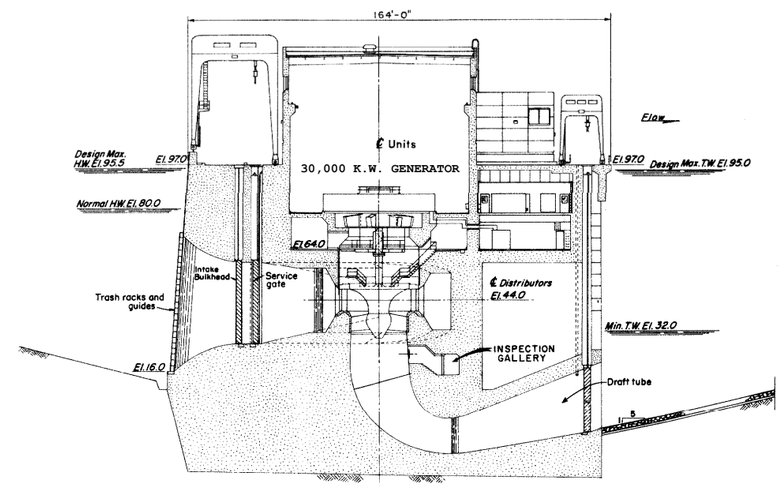

N
Tennessee
Georgia
Alabama
Florida
CARTERS DAM
CARTERS REREGULATION DAM
ALLATOONA DAM
ATLANTA
ALBANY
COLUMBUS
ROME
HARRIS DAM
WEISS DAM
GADSDEN
MARTIN DAM
YATES DAM
THURLOW DAM
MONTGOMERY
H. NEELY HENRY DAM
LOGAN MARTIN DAM
BIRMINGHAM
LAY DAM
MITCHELL DAM
WALTER BOULDIN DAM
JORDAN DAM
R. F. HENRY LOCK & DAM
SELMA
TUSCALOOSA
MILLERS FERRY DAM
CLAIBORNE LOCK & DAM
MOBILE
HUNTSVILLE
TALLAHASSEE
COOSA RIVER
TALLAPOOSA RIVER
ALABAMA RIVER
Kentucky
Tennessee
Georgia
Alabama
Florida
0 10 20 40 60 80
Miles
USACE DAMS
NON-USACE DAMS
ALABAMA-COOSA-TALLAPOOSA RIVER BASIN
WATER CONTROL MANUAL
MILLERS FERRY LOCK AND DAM
BASIN MAP
R005_19MAY11_BASIN_MAP_11X17.mxd



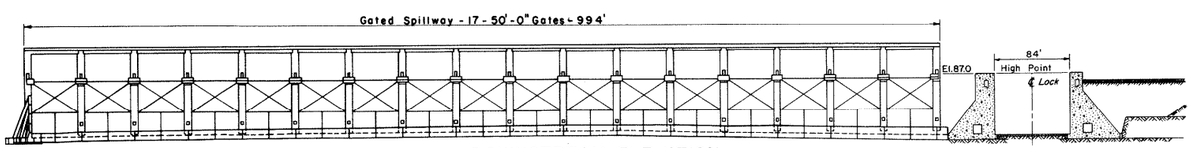
PLAN
SCALE IN FEET
600' 0 600 1200 FT.



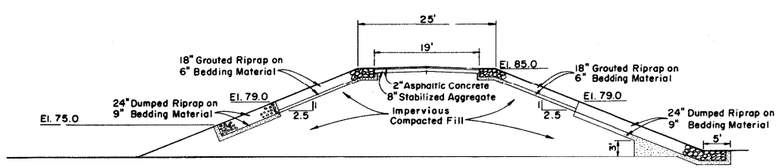
POWERHOUSE
UPSTREAM ELEVATION
SCALE IN FEET
40 20 0 40 80 FT.



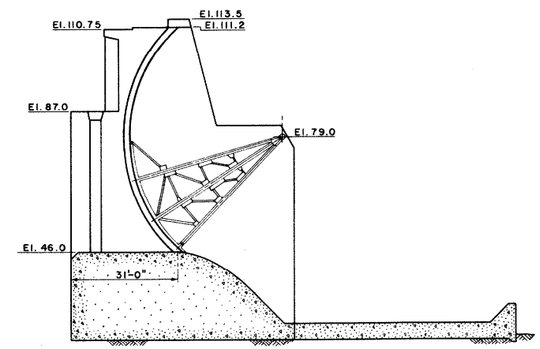
POWERHOUSE
TYPICAL SECTION
SCALE IN FEET
16' 8' 0 16 32 48 FT.



DOWNSTREAM ELEVATION
SCALE: IN FEET
30' 0 30 60 FT.



TYPICAL SECTION
RIGHT BANK OVERFLOW EARTH DIKE
SCALE: IN FEET
10' 0 10' 20 FT.

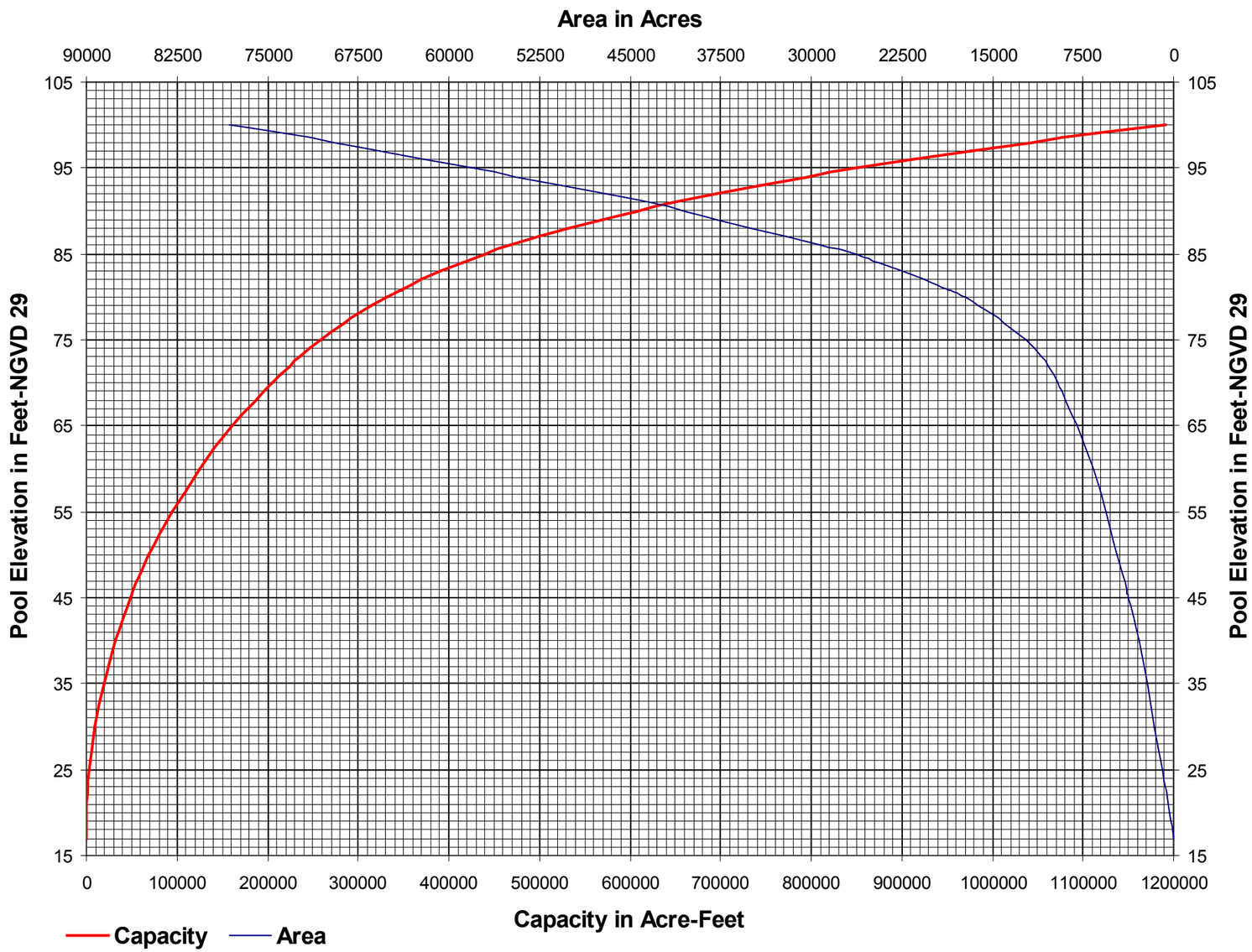


GATED SPILLWAY
TYPICAL SECTION

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

PLAN AND SECTIONS



AREA CAPACITY TABLE

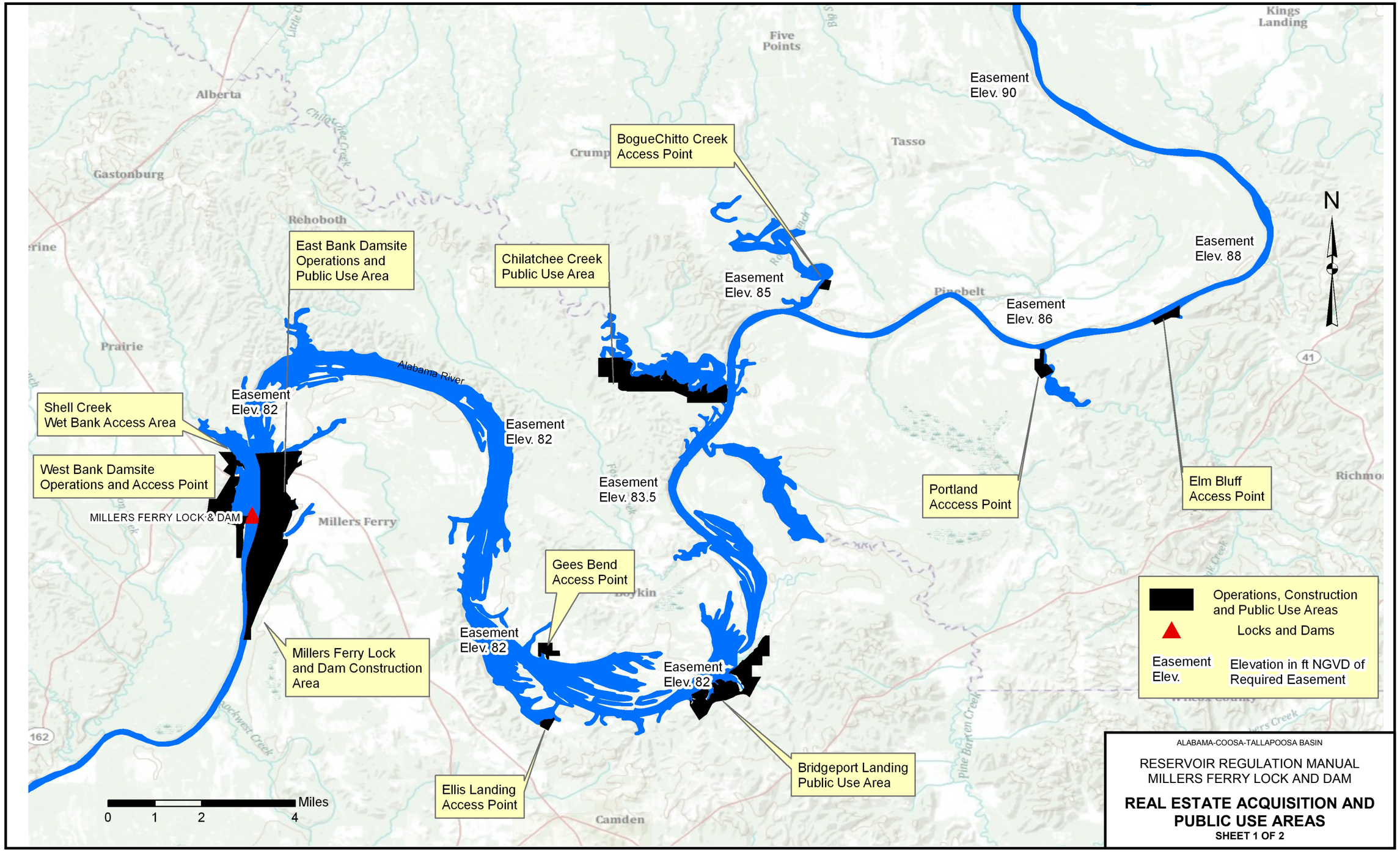
POOL ELEV. (NGVD 29)	TOTAL AREA (ACRES)	TOTAL STORAGE (ACRE-FT)		POOL ELEV. (NGVD 29)	TOTAL AREA (ACRES)	TOTAL STORAGE (ACRE-FT)
17	0	0		80	17201	331830
20	340	500		(c) 80.8	18528	346254
25	930	3660		81	18860	349860
30	1554	9850		(d) 82	20700	369640
35	2190	19170		83	22420	391200
40	2894	31860		84	24400	414610
45	3720	48330		(e) 85	26243	439930
(a) 46	3905	52140		86	29300	467700
50	4626	69200		87	32100	498400
55	5590	94760		88	35000	531950
60	6656	125300		89	37800	568350
65	7954	161660		90	40378	607440
70	9542	205210		91	43500	649380
71	9930	214950		92	47000	694630
72	10385	225110		93	50600	743330
73	10900	235750		94	54400	795930
74	11530	246960		95	58200	852230
75	12205	258830		96	62000	912330
76	13080	271470		97	65700	976180
77	14030	285030		98	69500	1043780
78	15020	299550		99	73700	1115380
(b) 79	16160	315140		100	78111	1191290

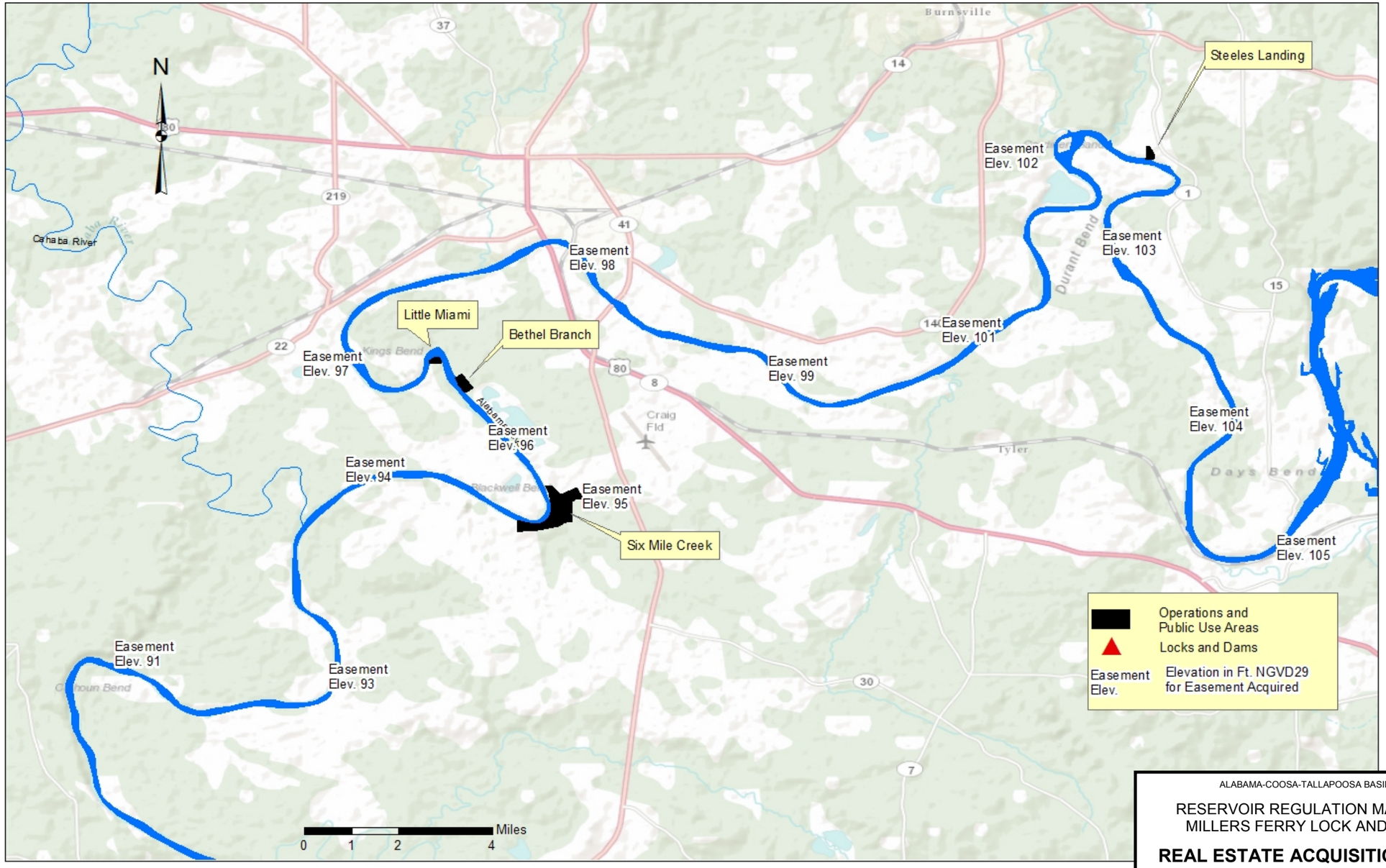
(a) Spillway Crest
(b) Maximum Allowable Drawdown
(c) Top of closed gates(Max upper pool)
(d) Top of upstream stoplogs
(e) Top of right bank free-overflow dike

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

AREA-CAPACITY CURVE


Alberta
Gastonburg
Rehoboth
Prairie
Five Points
Crump
Tasso
Kings Landing
Pinebelt
Millers Ferry
Camden
Alabama River
Chilatchee Creek
Easement Elev. 90
Easement Elev. 88
Easement Elev. 86
Easement Elev. 85
Easement Elev. 82
Easement Elev. 83.5
BogueChitto Creek Access Point
East Bank Damsite Operations and Public Use Area
Chilatchee Creek Public Use Area
Shell Creek Wet Bank Access Area
West Bank Damsite Operations and Access Point
MILLERS FERRY LOCK & DAM
Millers Ferry Lock and Dam Construction Area
Gees Bend Access Point
Ellis Landing Access Point
Bridgeport Landing Public Use Area
Portland Acccess Point
Elm Bluff Access Point
N
Miles
0 1 2 4
Operations, Construction and Public Use Areas
Locks and Dams
Easement Elev.
Elevation in ft NGVD of Required Easement
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM
REAL ESTATE ACQUISITION AND PUBLIC USE AREAS
SHEET 1 OF 2

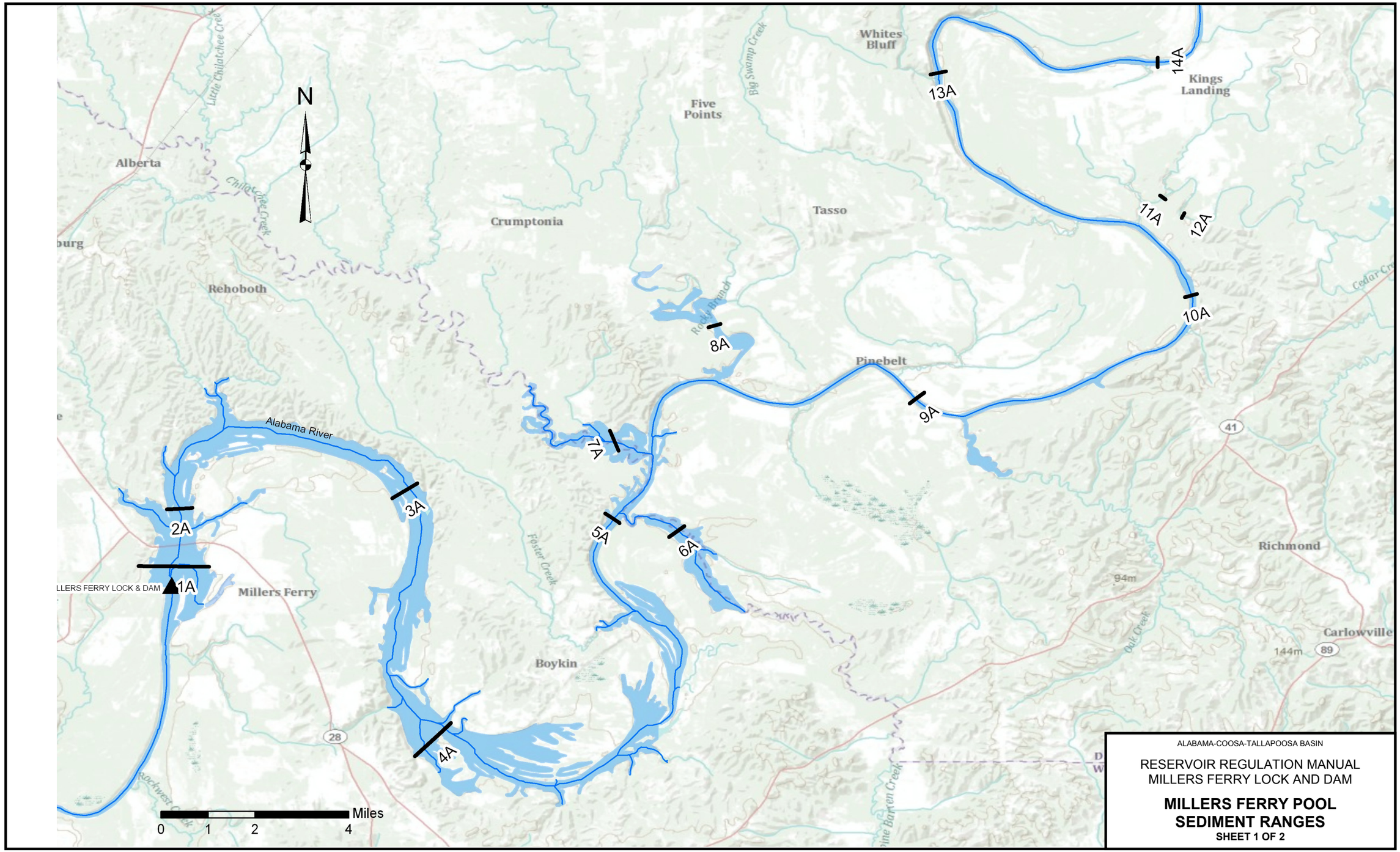


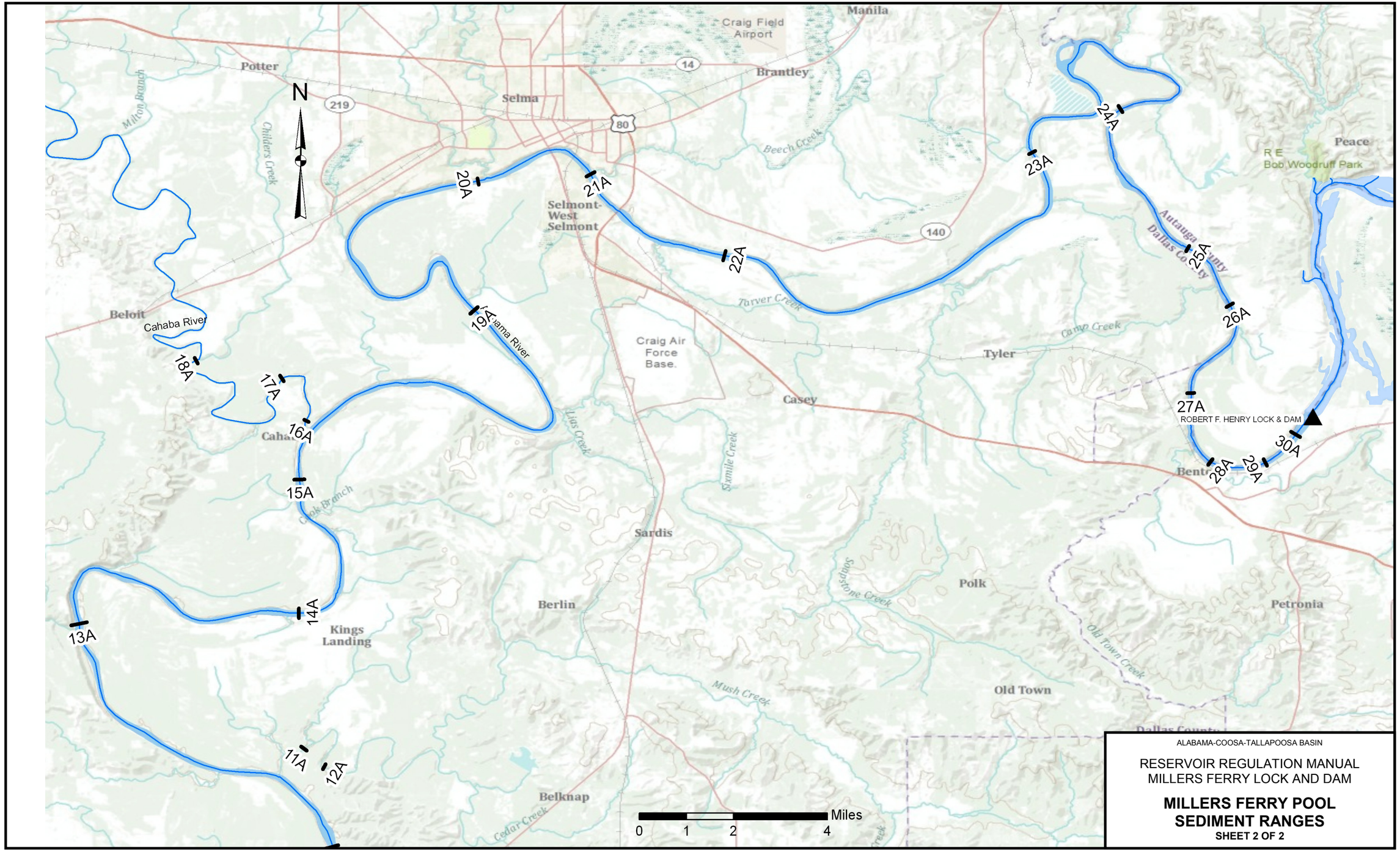
ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

REAL ESTATE ACQUISITION AND PUBLIC USE AREAS

SHEET 2 OF 2


N
Alberta
Little Chilatchee Creek
Chilatchee Creek
Rehoboth
Crumptonia
Five Points
Big Swamp Creek
Whites Bluff
Kings Landing
Tasso
Rocky Branch
Pinebelt
Alabama River
Millers Ferry
Foster Creek
Boykin
Richmond
Carlowville
Oak Creek
Pine Barren Creek
Rockwest Creek
Cedar Cr
94m
144m
41
89
28
1A
2A
3A
4A
5A
6A
7A
8A
9A
10A
11A
12A
13A
14A
LLERS FERRY LOCK & DAM
Miles
0 1 2 4
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM
MILLERS FERRY POOL
SEDIMENT RANGES
SHEET 1 OF 2


N
Manila
Craig Field Airport
Potter
Brantley
Selma
Milton Branch
Childers Creek
Beech Creek
Peace
R E Bob Woodruff Park
Selmont-West Selmont
Autauga County
Dallas County
Torver Creek
Beloit
Cahaba River
Alabama River
Craig Air Force Base.
Tyler
Camp Creek
Casey
Lias Creek
Sixmile Creek
ROBERT F. HENRY LOCK & DAM
Bent
Sandis
Soapstone Creek
Polk
Berlin
Petronia
Kings Landing
Old Town Creek
Mush Creek
Old Town
Dallas County
Belknap
Cedar Creek
Miles
0 1 2 4
13A
14A
15A
16A
17A
18A
19A
20A
21A
22A
23A
24A
25A
26A
27A
28A
29A
30A
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM
MILLERS FERRY POOL
SEDIMENT RANGES
SHEET 2 OF 2

Station: (USC00013519)
Greenville, AL
From Year=1931 To Year=2009
Temperature Averages and Daily Extremes

	Monthly Averages			Daily Extremes			
	Max. (F)	Min. (F)	Mean (F)	High (F)	Date	Low (F)	Date
January	57.6	33.4	45.5	83	1/12/1949	-1	1/21/1985
February	61.7	36.7	59.2	86	2/27/1962	9	2/5/1996
March	69.1	42.3	55.7	89	3/23/1995	15	3/1/2002
April	75.9	49.1	62.5	96	4/22/1987	28	4/1/2003
May	83.0	58.2	70.6	100	5/27/1953	38	5/5/2004
June	88.3	65.3	76.8	108	6/28/1954	48	6/3/1956
July	90.4	68.2	79.3	106	7/23/1952	56	7/20/2009
August	90.0	68.1	79.0	105	8/17/2000	50	8/29/1992
September	85.7	63.1	74.4	103	9/4/1951	38	9/29/1967
October	77.2	52.2	64.7	100	10/6/1954	28	10/29/2008
November	68.4	42.8	55.6	91	11/3/1987	11	11/25/1970
December	59.4	35.6	47.5	86	12/8/1951	5	12/24/1989
Annual	75.6	51.3	63.5	108	6/28/1954	-1	1/21/1985

Station:(USC00012245)
Demopolis L&D
From Year=1951 To Year=2009
Temperature Averages and Daily Extremes

	Monthly Averages			Daily Extremes			
	Max. (F)	Min. (F)	Mean (F)	High (F)	Date	Low (F)	Date
January	55.0	32.1	43.5	81	1/29/1957	-2	1/22/1985
February	59.4	35.3	47.3	85	2/24/1996	6	2/6/1996
March	67.6	41.8	57.7	89	3/24/1955	16	3/9/1996
April	75.2	49.1	62.1	96	4/19/2006	25	4/2/1987
May	82.9	58.3	70.6	99	5/6/1955	40	5/22/2001
June	88.5	65.7	77.1	104	6/29/1954	42	6/1/1984
July	91.0	68.8	79.9	105	7/15/1980	56	7/16/1967
August	90.5	68.6	79.5	105	8/29/1954	53	8/30/1986
September	85.4	62.6	74.0	103	9/1/1951	38	9/30/1967
October	76.1	50.9	63.5	100	10/7/1957	24	10/30/1952
November	66.8	41.2	54.0	87	11/16/2005	17	11/25/1970
December	57.2	34.2	45.7	82	10/8/1998	4	12/24/1989
Annual	74.7	50.8	62.7	105	8/29/1954	-2	1/22/1985

Station:(USC00011301)
Camden 3NW
From Year=1961 To Year=2001
Temperature Averages and Daily Extremes

	Monthly Averages			Daily Extremes			
	Max. (F)	Min. (F)	Mean (F)	High (F)	Date	Low (F)	Date
January	56.7	35.2	46.0	80	1/26/1962	0	1/22/1985
February	61.4	38.5	49.9	85	2/27/1962	7	2/4/1970
March	69.9	45.2	57.5	89	3/18/1982	15	3/14/1993
April	77.0	52.0	64.5	94	4/22/1987	26	4/11/1973
May	84.2	60.4	72.3	98	5/28/1962	35	5/4/1971
June	89.6	68.0	78.8	103	6/15/1963	44	6/1/1966
July	91.7	70.3	81.0	105	7/16/2000	52	7/7/1972
August	91.4	69.9	80.7	107	8/19/2000	52	8/30/1968
September	87.2	64.6	75.9	102	9/16/1980	36	9/30/1967
October	77.7	53.6	65.6	94	10/4/1990	27	10/26/1968
November	68.0	44.4	56.2	87	11/4/2000	13	11/25/1970
December	59.1	37.3	48.2	82	12/8/1998	4	12/24/1989
Annual	76.2	53.4	64.8	107	8/19/2000	0	1/22/1985

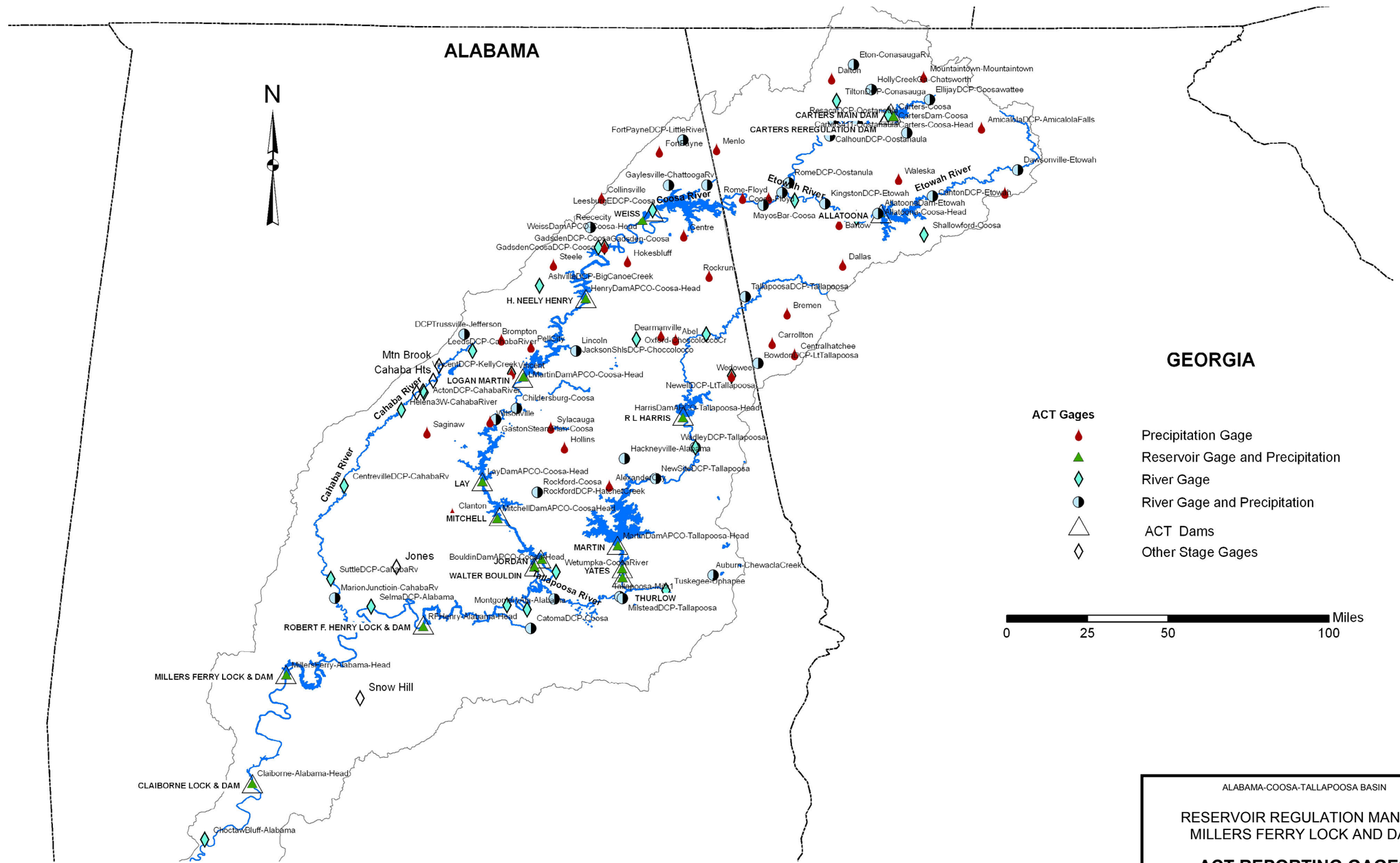
Station:(USC00017336)
Selma
From Year=1931 To Year=2009
Temperature Averages and Daily Extremes

	Monthly Averages			Daily Extremes			
	Max. (F)	Min. (F)	Mean (F)	High (F)	Date	Low (F)	Date
January	57.4	35.4	46.4	83	1/30/1950	0	1/21/1985
February	91.5	38.9	50.2	85	2/27/1962	9	2/3/1951
March	69.6	44.7	57.1	90	3/25/1936	18	3/4/1980
April	76.4	51.0	63.7	93	4/22/1987	29	4/13/1940
May	84.0	60.5	72.3	100	5/27/1953	40	5/7/1944
June	89.8	68.3	79.1	108	6/28/1954	42	6/1/1984
July	92.0	71.3	81.7	107	7/14/1980	57	7/15/1967
August	91.6	70.9	81.3	105	8/12/1954	57	8/15/2004
September	86.9	65.5	86.2	105	9/6/1954	40	9/30/1967
October	77.7	54.0	65.9	100	10/5/1954	27	10/30/1952
November	68.6	43.7	56.2	91	11/3/1933	13	11/25/1950
December	59.1	37.3	48.2	85	12/6/1951	5	12/13/1962
Annual	76.3	53.5	64.9	108	6/28/1954	0	1/21/1985

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

BASIN TEMPERATURE AVERAGES AND EXTREMES



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

ACT REPORTING GAGES

Station:(USC00013519)
Greenville, AL From Year=1931 To Year=2009
Precipitation Averages and Daily Extremes

	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year		Date
	(in.)	(in.)		(in.)		(in.)	
January	5.28	15.86	1936	0.91	1981	6.90	1/6/1946
February	4.86	20.28	1961	1.06	1947	8.32	2/25/1961
March	6.10	16.31	2001	0.67	2004	8.40	3/16/1938
April	3.97	16.48	1964	0.70	1987	8.38	4/27/1964
May	3.94	11.42	1952	0.49	2007	3.85	5/4/1978
June	5.00	13.60	1999	0.40	1931	4.66	6/2/1946
July	5.79	21.44	1994	0.71	2000	8.75	7/7/1994
August	4.76	13.37	1939	0.83	1989	4.89	8/24/2008
September	4.17	20.68	1998	0.57	2008	15.36	9/29/1998
October	3.64	12.86	1995	0.03	1963	7.20	10/05/1995
November	5.20	20.92	1948	0.24	1949	6.27	11/25/2001
December	4.66	16.46	2009	1.15	1980	4.76	12/15/2009
Annual	5.73	21.44	1994	0.03	1963	15.36	9/29/1998

Station:(USC00012245)
Demopolis L&D From Year=1904 To Year=2009
Precipitation Averages and Daily Extremes

	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year		Date
	(in.)	(in.)		(in.)		(in.)	
January	5.44	13.05	1972	1.49	1981	4.16	1/10/1972
February	5.37	17.02	1961	1.50	2000	4.05	2/2/1983
March	5.04	13.95	1976	0.60	2007	4.11	3/31/1976
April	4.45	17.25	1964	0.34	1987	6.21	4/13/1974
May	4.13	12.99	1991	0.35	1968	3.70	5/19/1986
June	4.14	11.40	1989	0.00	1988	4.58	6/15/2008
July	4.68	11.62	1958	0.85	1983	4.70	7/11/2005
August	4.60	11.78	2008	0.62	1954	4.00	8/13/2008
September	3.69	8.81	1974	0.40	1955	4.81	9/20/1969
October	3.54	11.32	1984	0.00	1963	5.22	10/22/1984
November	4.62	11.06	1986	0.30	1981	3.62	11/22/1991
December	4.82	13.91	1961	0.83	1980	4.58	12/22/1968
Annual	5.45	17.25	1964	0.00	1988	6.21	4/13/1974

Station:(USC00011301)
Camden 3NW From Year=1961 To Year=2001
Precipitation Averages and Daily Extremes

	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year		Date
	(in.)	(in.)		(in.)		(in.)	
January	5.54	12.75	1999	1.31	1981	6.10	1/31/1999
February	5.09	10.18	1966	1.58	1999	4.47	2/3/1982
March	5.93	12.37	1961	1.87	1978	5.65	3/16/1990
April	4.12	13.63	1979	0.23	1987	8.06	4/3/1979
May	4.32	10.59	1991	0.28	1965	3.69	5/31/1970
June	4.25	9.75	1989	0.47	1966	4.25	6/3/1978
July	5.56	11.49	1975	0.66	2000	4.49	7/31/1975
August	4.15	8.62	1970	1.02	1990	4.28	8/4/1995
September	3.57	12.71	1998	0.06	1984	7.90	9/29/1998
October	2.86	9.87	1995	0.00	1963	6.57	10/5/1995
November	5.32	11.45	1986	0.91	1981	2.96	11/22/1997
December	5.14	19.86	1961	1.59	1980	9.20	12/10/1961
Annual	5.59	19.89	1961	0.00	1963	9.20	12/10/1961

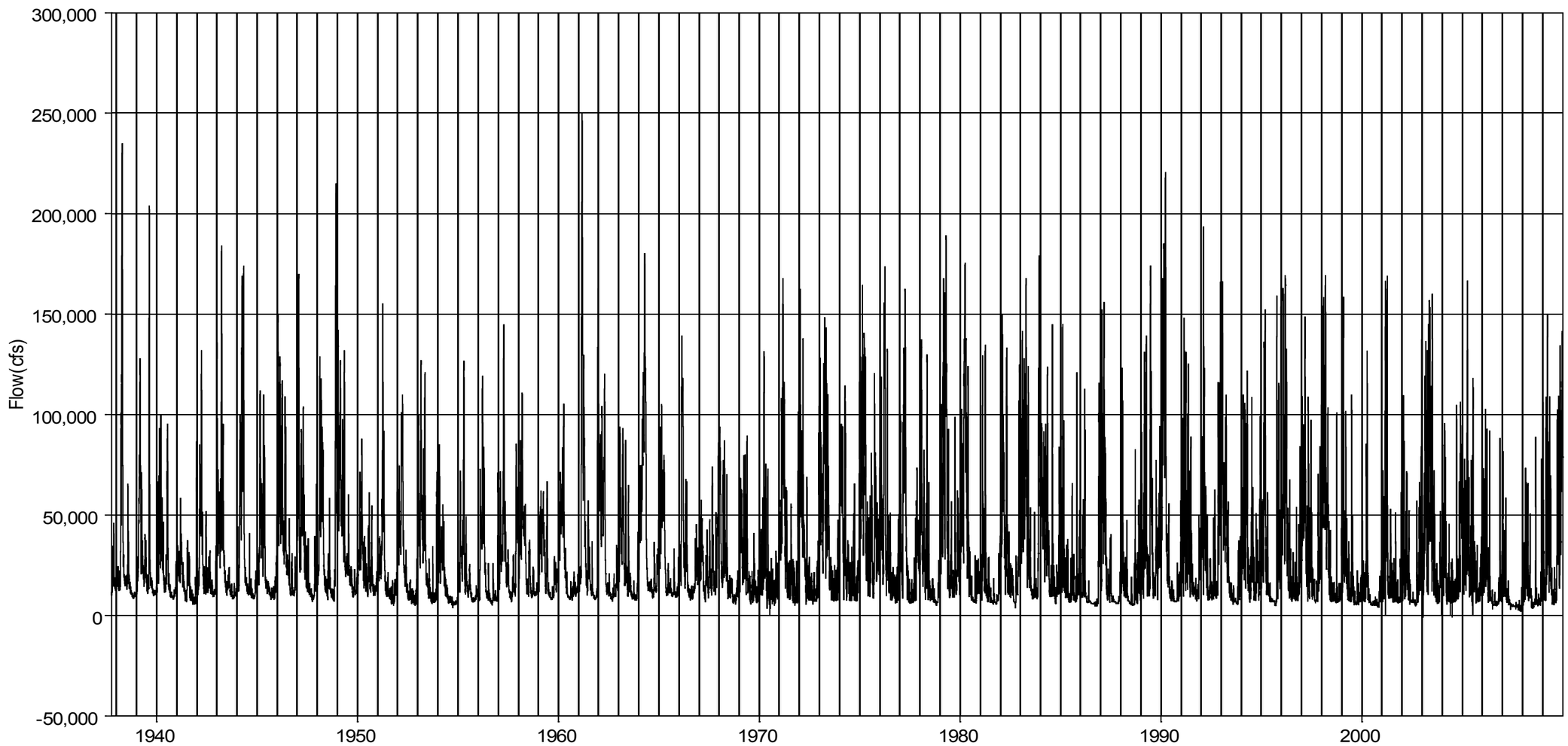
Station:(USC00017366)
Selma From Year=1931 To Year=2009
Precipitation Averages and Daily Extremes

	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year		Date
	(in.)	(in.)		(in.)		(in.)	
January	4.75	12.24	1972	1.07	1986	4.20	1/6/1932
February	5.03	12.42	1961	1.51	1943	5.31	2/3/1982
March	5.47	14.06	1973	1.07	1985	9.75	3/16/1990
April	3.93	20.51	1938	0.22	1986	8.74	4/8/1938
May	3.26	9.50	2003	0.07	1941	3.40	5/4/1957
June	4.07	10.41	2003	0.10	1969	3.65	6/25/1991
July	4.72	11.47	2003	0.53	1962	4.25	7/11/2005
August	4.42	21.26	1939	0.16	1945	5.35	8/15/1939
September	3.32	10.96	1998	0.24	1954	6.15	9/29/1998
October	2.68	10.11	1959	0.06	2000	6.09	10/5/1995
November	4.55	14.57	1948	0.29	1933	3.62	11/27/1948
December	4.89	18.14	1961	1.29	1980	7.08	12/10/1961
Annual	5.11	21.26	1939	0.06	2000	9.75	3/16/1990

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

ACT BASIN PRECIPITATION EXTREMES



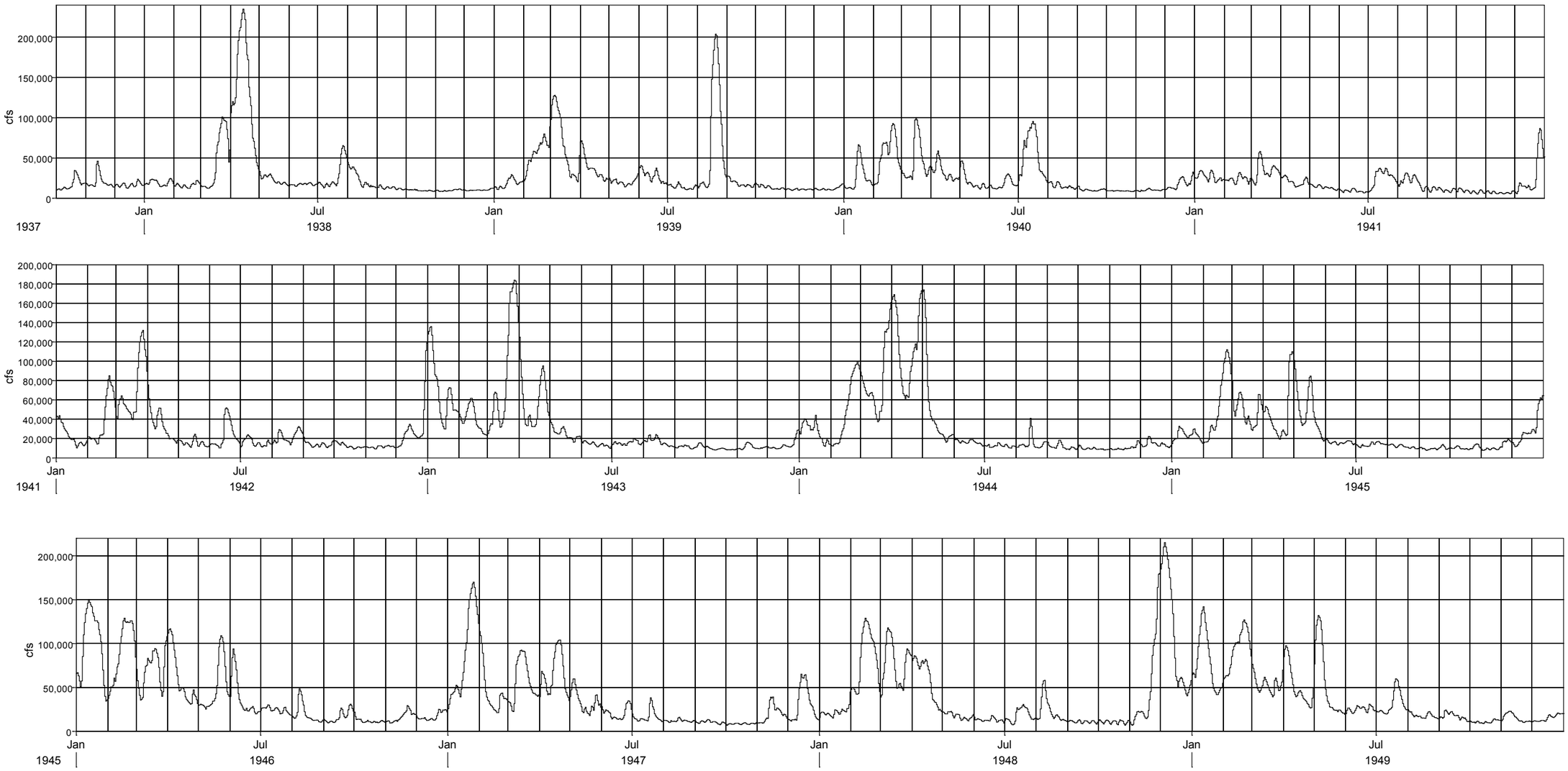
MEAN FLOW AT MILLERS FERRY

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

AVERAGE DAILYDISCHARGE HYDROGRAPH

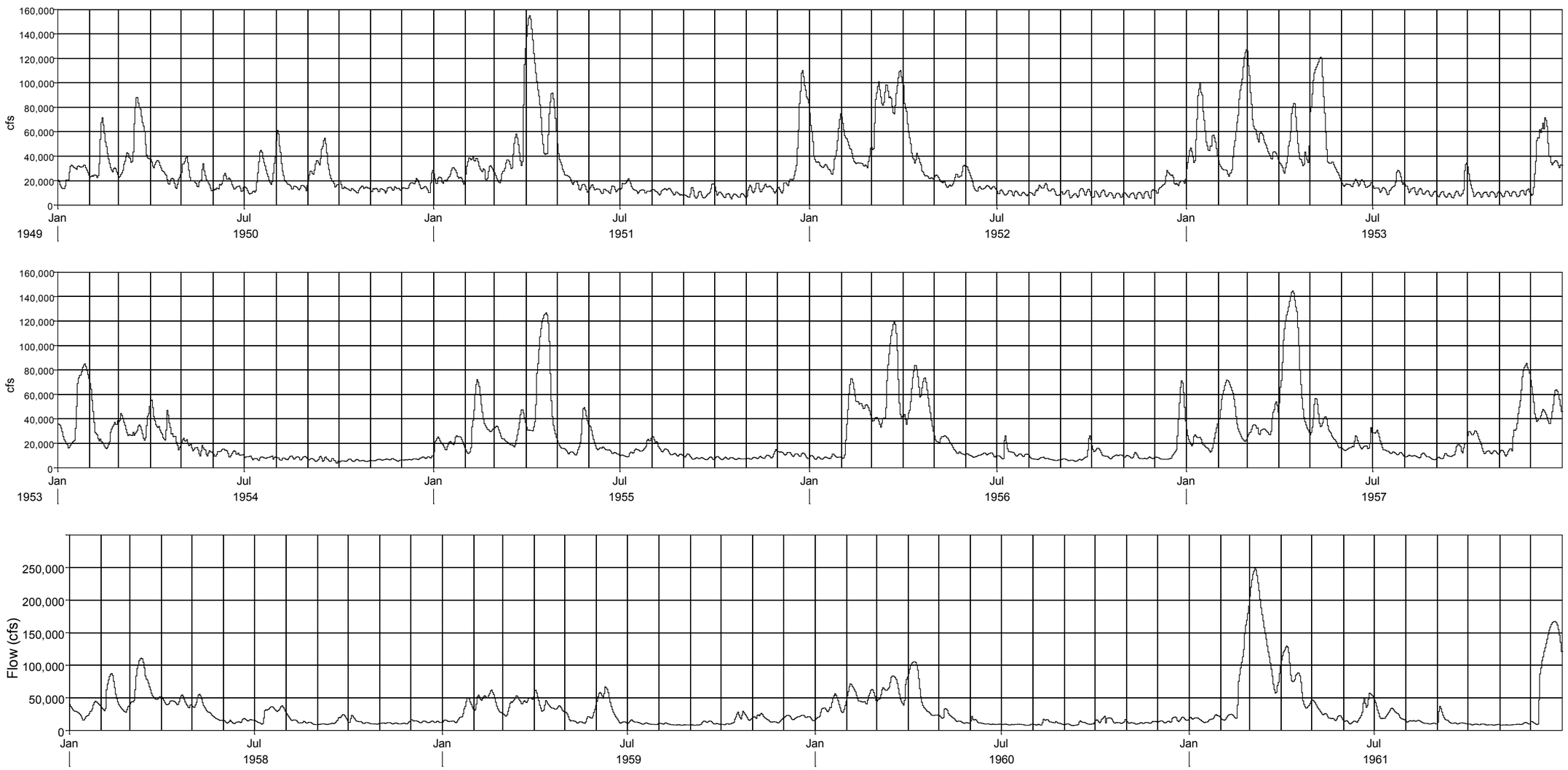
OCT 1937 THROUGH DEC 2009



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

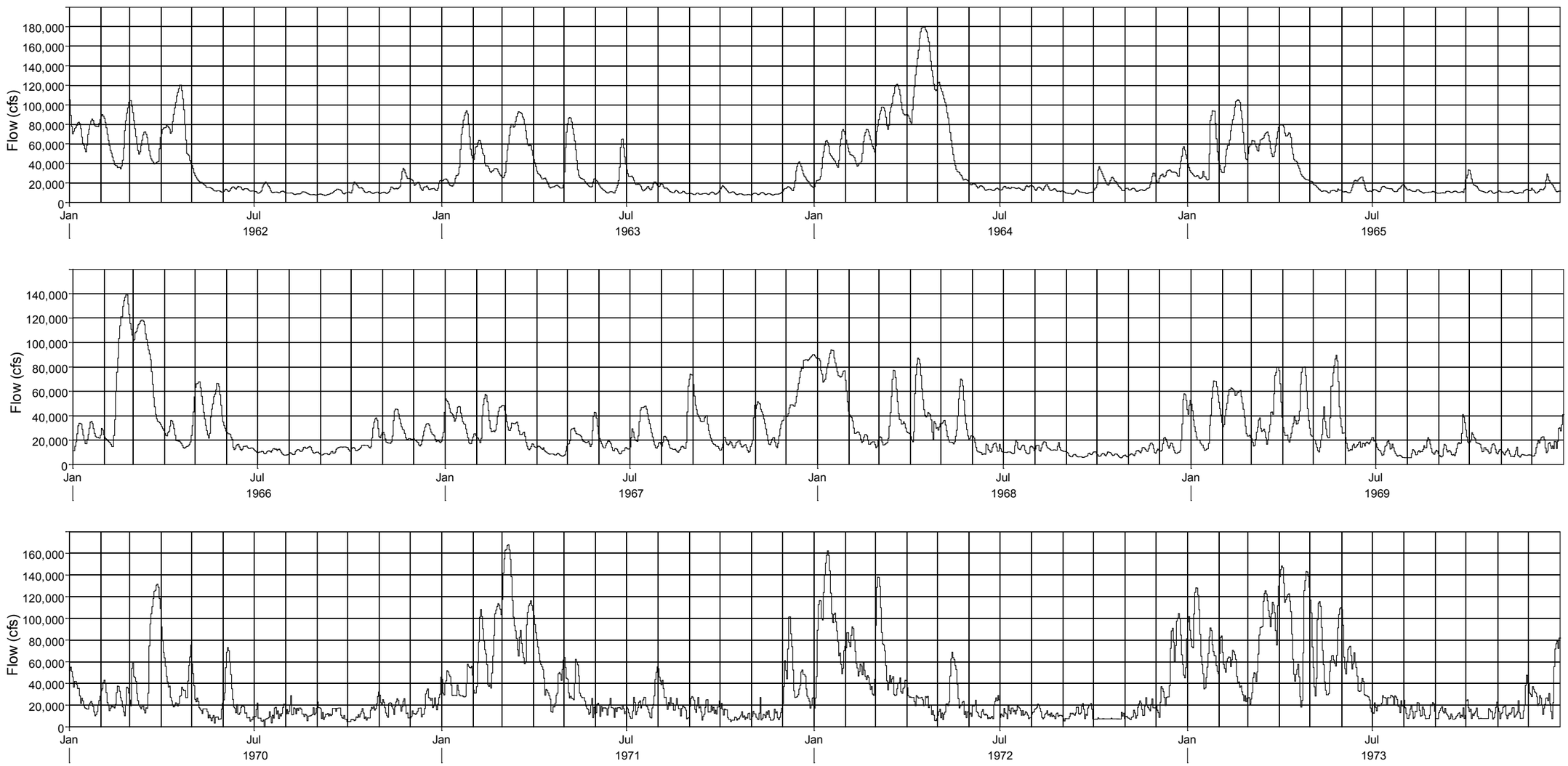
AVERAGE DAILYDISCHARGE HYDROGRAPHS



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

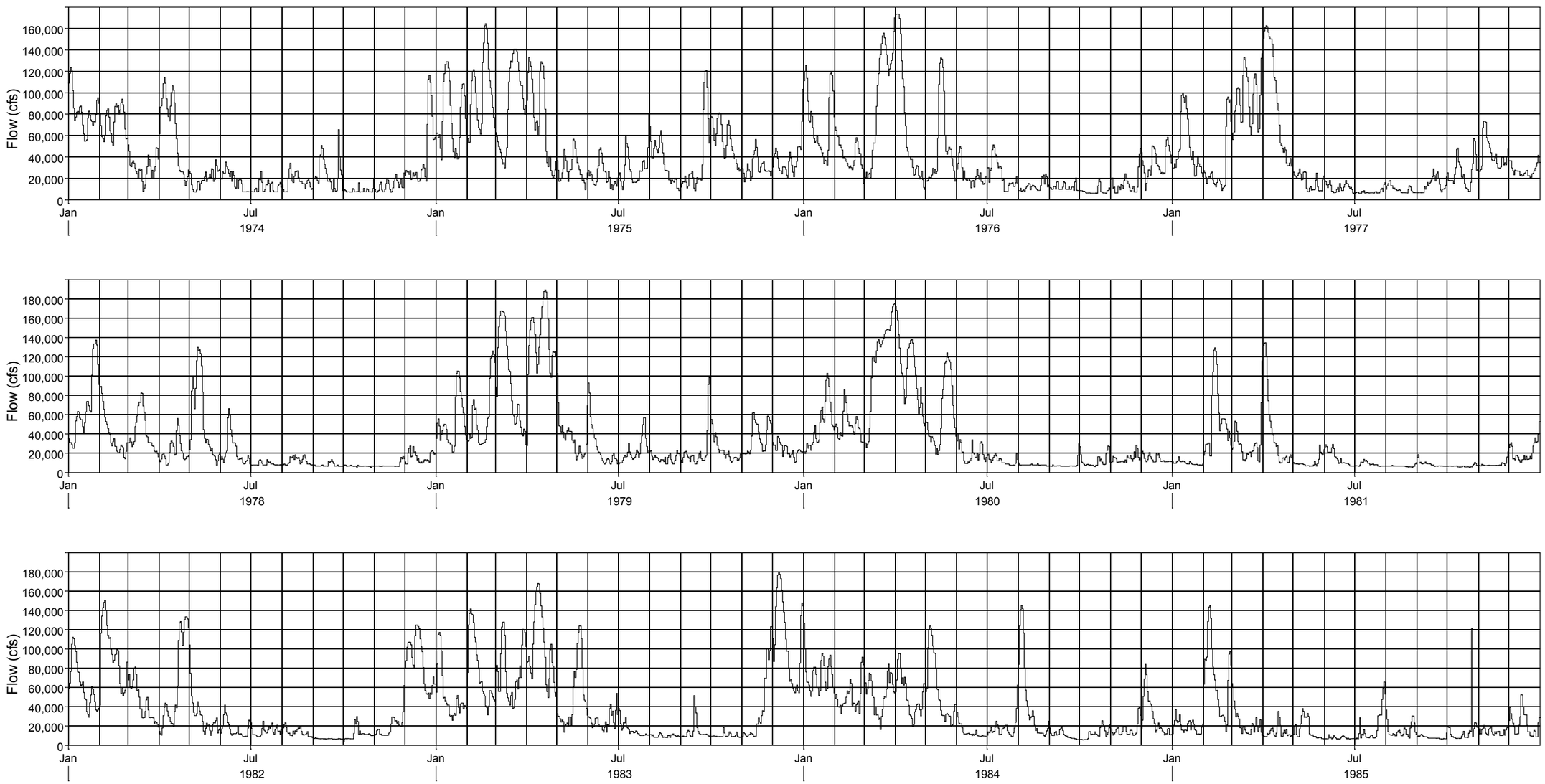
AVERAGE DAILY DISCHARGE HYDROGRAPHS



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

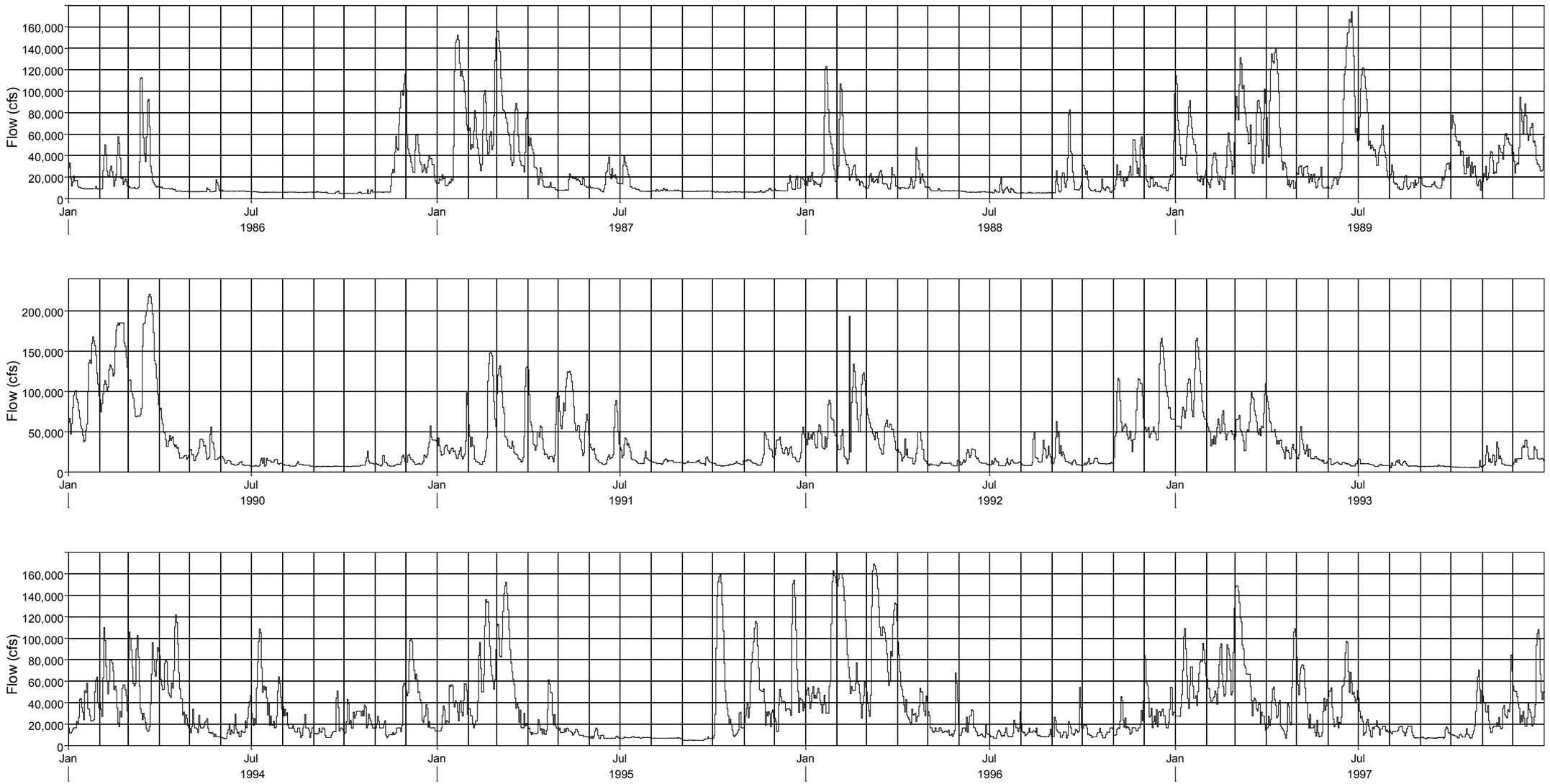
AVERAGE DAILY DISCHARGE HYDROGRAPHS



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

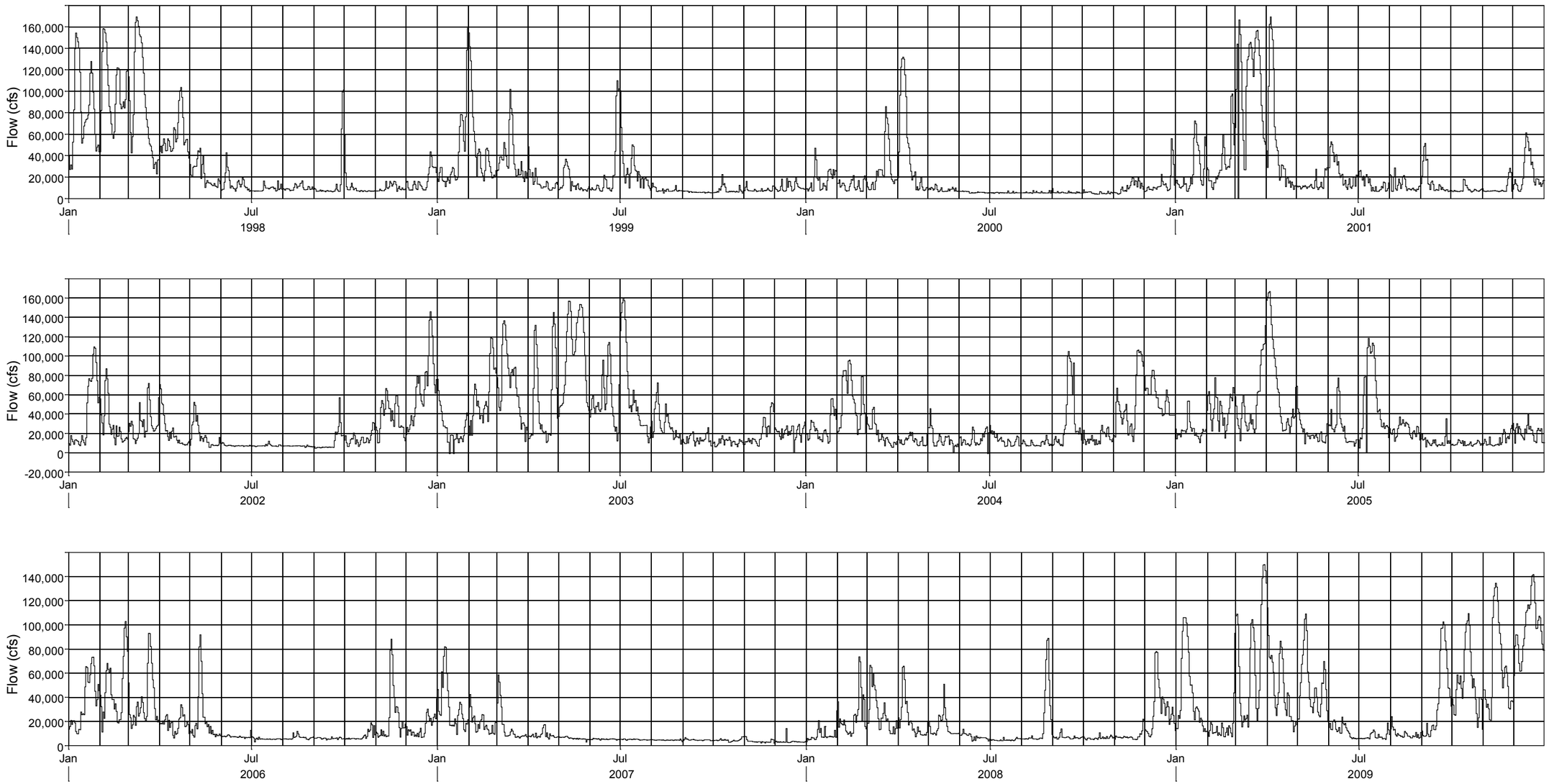
AVERAGE DAILY DISCHARGE HYDROGRAPHS



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

AVERAGE DAILY DISCHARGE HYDROGRAPHS



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

AVERAGE DAILY DISCHARGE HYDROGRAPHS

Millers Ferry Damsite Flow Summary Data

	Mean Monthly Discharge (cfs)												Ave Mean	Min Mean	Max Mean	Min	Max
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly	Monthly	Monthly	Daily	Daily
1938	19348	16404	44206	28897	22526	17353	28987	23068	12693	9767	9884	10439	20298	9767	44206	8440	235000
1939	18732	59914	33174	35783	20848	27227	14081	23729	18147	13387	11051	12232	24025	11051	59914	9720	204000
1940	26235	56090	43297	32390	19894	17903	55332	15119	10310	9144	10115	18619	26204	9144	56090	8200	100000
1941	26594	23896	34258	20620	13489	8974	26406	20559	10509	8636	7112	28980	19169	7112	34258	5260	86800
1942	22981	41111	45035	32107	15148	23920	16077	22194	13833	12437	11366	24481	23391	11366	45035	9080	132000
1943	49777	39246	34448	52460	24448	13968	15739	16584	11882	9202	11346	13885	24415	9202	52460	8080	184000
1944	26910	52528	47961	38303	28632	16310	12348	15335	11394	9499	10641	14316	23682	9499	52528	8080	174000
1945	23461	41346	47832	32340	46165	15850	13871	11703	9915	10682	12043	30594	24650	9915	47832	7760	112000
1946	31390	35589	62684	40587	38223	37883	24329	19616	17502	11614	16959	17603	29498	11614	62684	9490	150000
1947	34516	35914	57910	53280	33777	21003	16823	12065	10484	8814	20664	31413	28055	8814	57910	6980	170000
1948	23306	40634	59052	58017	17639	13122	18624	23348	11074	10816	25058	39784	28373	10816	59052	6910	215000
1949	47129	44754	54142	52133	28445	25547	32068	17829	17273	11136	15443	15642	30128	11136	54142	8860	142000
1950	25752	35893	50248	25557	22939	16647	23995	21639	30457	13475	12873	16610	24674	12873	50248	9050	88000
1951	22581	31636	33823	49770	20871	12718	13842	10639	9766	8079	13755	37914	22116	8079	49770	4890	155000
1952	40958	41524	72974	38457	21835	16073	9722	11871	9656	8721	8815	19067	24973	8721	72974	5060	110000
1953	53400	37864	49681	47253	32032	17180	15866	11071	11704	10338	9715	42285	28199	9715	53400	5730	127000
1954	47200	29871	33323	30320	15906	11896	8202	7803	6455	5803	6417	7701	17575	5803	47200	3700	85000
1955	20938	38209	28508	68843	21953	16127	14720	13920	8115	7627	9229	10878	21589	7627	68843	6520	126826
1956	8532	48234	63783	57473	18198	10408	11904	7122	9046	10873	8682	22121	23031	7122	63783	5158	119311
1957	22183	46859	35260	91656	32669	18921	15993	9058	13023	18650	41386	48003	32805	9058	91656	6567	144676
1958	30469	49076	69183	43663	30850	14114	26550	13805	13762	12898	11020	13392	27399	11020	69183	8831	110856
1959	24035	45758	41900	38546	18222	35546	11219	9133	10590	16554	17555	20044	24092	9133	45758	7779	66795
1960	34839	54093	63046	55650	18353	11500	8838	11576	10037	14868	11652	15622	25840	8838	63046	7384	105219
1961	17750	64645	152195	79221	25893	27031	25553	12477	15219	8963	9235	104321	45208	8963	152195	7844	249895
1962	75932	62038	62122	82215	18098	13625	12540	9047	9772	12527	17190	16913	32668	9047	82215	7055	121190
1963	43854	42088	67201	22243	41378	22888	19256	12358	9176	10238	8806	22183	26806	8806	67201	7478	93945
1964	46300	54495	95440	136634	62498	15207	14783	13925	10155	21050	15733	33496	43310	10155	136634	8455	180375
1965	43003	67047	61095	49409	13661	15968	13755	11758	10943	15600	10846	14865	27329	10846	67047	9038	105219
1966	24929	77706	79832	24025	47924	15658	10329	11156	11257	19471	27097	23614	31083	10329	79832	7628	139039
1967	35560	37759	24774	10129	24883	14017	28302	25089	29405	18135	31252	70029	29111	10129	70029	6811	90188
1968	76735	23535	35936	44705	33257	13066	12203	13540	7746	7767	11522	24512	25377	7746	76735	5477	93945
1969	35099	47033	38951	39930	39175	16644	10861	11342	15939	14957	8619	18188	24728	8619	47033	5637	89530
1970	27377	26694	61398	40073	16989	24953	10858	13741	12707	11940	18518	20030	23773	10858	61398	0	131524
1971	38843	73481	109932	47055	31061	16757	20739	22984	17950	10100	10867	44212	36998	10100	109932	4831	167889
1972	96596	58495	60256	22247	26486	14808	13137	12344	12837	7786	14981	53375	32779	7786	96596	5356	162250
1973	78042	52452	82005	97530	70437	49299	22296	14184	11082	12490	16256	34404	45040	11082	97530	6920	148262
1974	82886	73553	29815	63697	19760	17793	11814	16911	24754	8769	13274	41114	33678	8769	82886	7193	123813

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILERS FERRY LOCK AND DAM

MONTHLY AND DAILY FLOW DATA

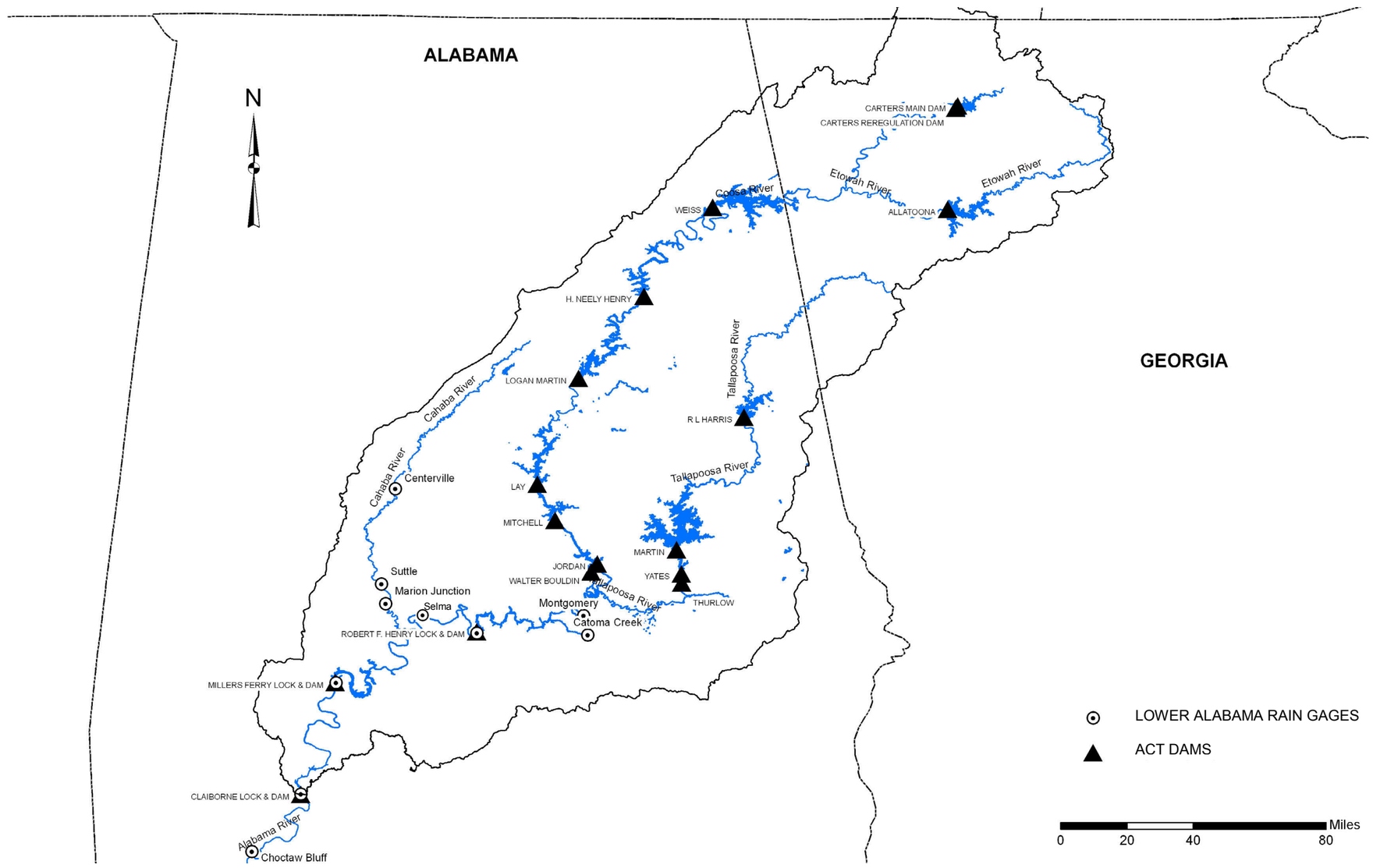
Millers Ferry Damsite Flow Summary Data

	Mean Monthly Discharge (cfs)																
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ave Mean Monthly	Min Mean Monthly	Max Mean Monthly	Min Daily	Max Daily
1975	77948	100694	88203	75873	29326	22759	29024	33527	37789	53989	30498	38291	51493	22759	100694	8462	164521
1976	72828	42563	95072	68874	49237	23126	23911	12915	11712	8090	15206	34508	38170	8090	95072	6091	173570
1977	49667	32555	94472	92498	16880	11484	7548	9695	13928	25613	42352	27530	35352	7548	94472	5870	162630
1978	68542	39835	41817	22089	55069	22572	8891	11876	7729	6654	7889	16129	25758	6654	68542	4760	137420
1979	52315	59087	94447	138748	36584	25520	22666	14999	23687	22698	36298	23290	45862	14999	138748	8721	189260
1980	48614	48679	116880	105695	61926	20015	12148	7798	7906	12047	14481	14012	39183	7798	116880	6158	175630
1981	9827	55908	29621	41809	10643	14983	8430	6656	8577	6607	8483	21156	18558	6607	55908	5375	134648
1982	62250	94861	44330	64142	29928	17149	14869	13545	6789	11713	19379	85281	38686	6789	94861	3491	150180
1983	51622	77782	77819	102115	50531	25684	16086	9696	14250	10025	38103	109363	48590	9696	109363	7980	179068
1984	73372	50597	53610	52199	57200	13770	17681	44366	10519	12154	16369	28804	35887	10519	73372	5571	144990
1985	19520	69893	23113	13683	16343	7607	18899	15376	8110	15720	14209	22250	20394	7607	69893	6433	145094
1986	12515	25127	33281	8149	7569	6879	5987	5902	5496	5312	34751	37204	15681	5312	37204	4601	115523
1987	61732	63724	71999	22265	13704	15500	13359	7492	6780	6172	6636	11405	25064	6172	71999	5692	156070
1988	36005	32358	16556	15730	7564	6233	7368	5331	20101	11729	27679	18970	17135	5331	36005	5002	123038
1989	46785	28463	74189	59935	20024	71139	60841	14828	16379	36607	38002	51399	43216	14828	74189	7579	174165
1990	93716	137606	133422	35313	26577	11099	11304	8455	6898	9320	10972	21903	42215	6898	137606	6471	220730
1991	30271	52353	56845	43563	72496	27272	20079	12332	12197	9389	19301	28427	32044	9389	72496	7113	148027
1992	48211	68355	47772	23666	9737	16102	11099	17272	18823	11439	67850	78213	34878	9737	78213	7525	193654
1993	91087	50064	62112	40078	21913	10726	9309	9083	7080	6194	14450	20555	28554	6194	91087	5220	166213
1994	31034	53820	59577	57939	15425	16009	44409	17967	15266	25513	19148	43955	33338	15266	59577	6310	121831
1995	34458	64635	71965	21158	11751	8297	7416	6869	5389	52144	51697	52366	32345	5389	71965	4775	159137
1996	64586	85522	103946	40292	18605	15321	12015	11175	15316	12150	19518	34453	36075	11175	103946	6793	169289
1997	59470	62990	67480	37550	35529	46849	17807	12732	8505	19208	29572	44057	36813	8505	67480	6118	148839
1998	81829	101798	86663	58064	22495	13898	9139	9993	15752	10148	10043	16865	36391	9139	101798	6117	169287
1999	39840	48409	37283	15223	14364	24366	26687	8075	6016	7944	8161	10651	20585	6016	48409	5014	158637
2000	17470	12466	26300	43552	8353	5904	5452	5661	5639	5298	10559	14139	13400	5298	43552	3971	131750
2001	25523	33422	106549	49548	13495	24655	13528	12444	15511	8346	9448	23147	27968	8346	106549	0	169166
2002	39614	29877	30029	21408	17015	7413	7312	6762	11725	14363	37329	66321	24097	6762	66321	4653	145957
2003	25333	57776	68524	53071	102947	54704	62281	29171	13774	10919	20817	21239	43380	10919	102947	NA	160167
2004	25542	54367	18661	12528	13760	13299	13268	9359	34512	15245	51740	55570	26488	9359	55570	NA	106297
2005	22963	45035	51912	70812	21473	25051	53501	23540	11441	9310	12740	21184	30747	9310	70812	0	166721
2006	36293	46936	36846	18294	21349	7442	5474	6558	5952	7920	23157	15545	19314	5474	46936	2952	102806
2007	32158	18391	14819	8693	5978	5258	4956	4516	4682	4509	3564	3346	9239	3346	32158	1990	81815
2008	8673	23899	26828	20919	15507	7309	4776	18360	6862	6309	7861	30244	14795	4776	30244	3109	88883
2009	43874	16040	70834	47584	49407	12478	7871	9454	38655	52745	63659	96121	42394	7871	96121	5087	149785

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILERS FERRY LOCK AND DAM

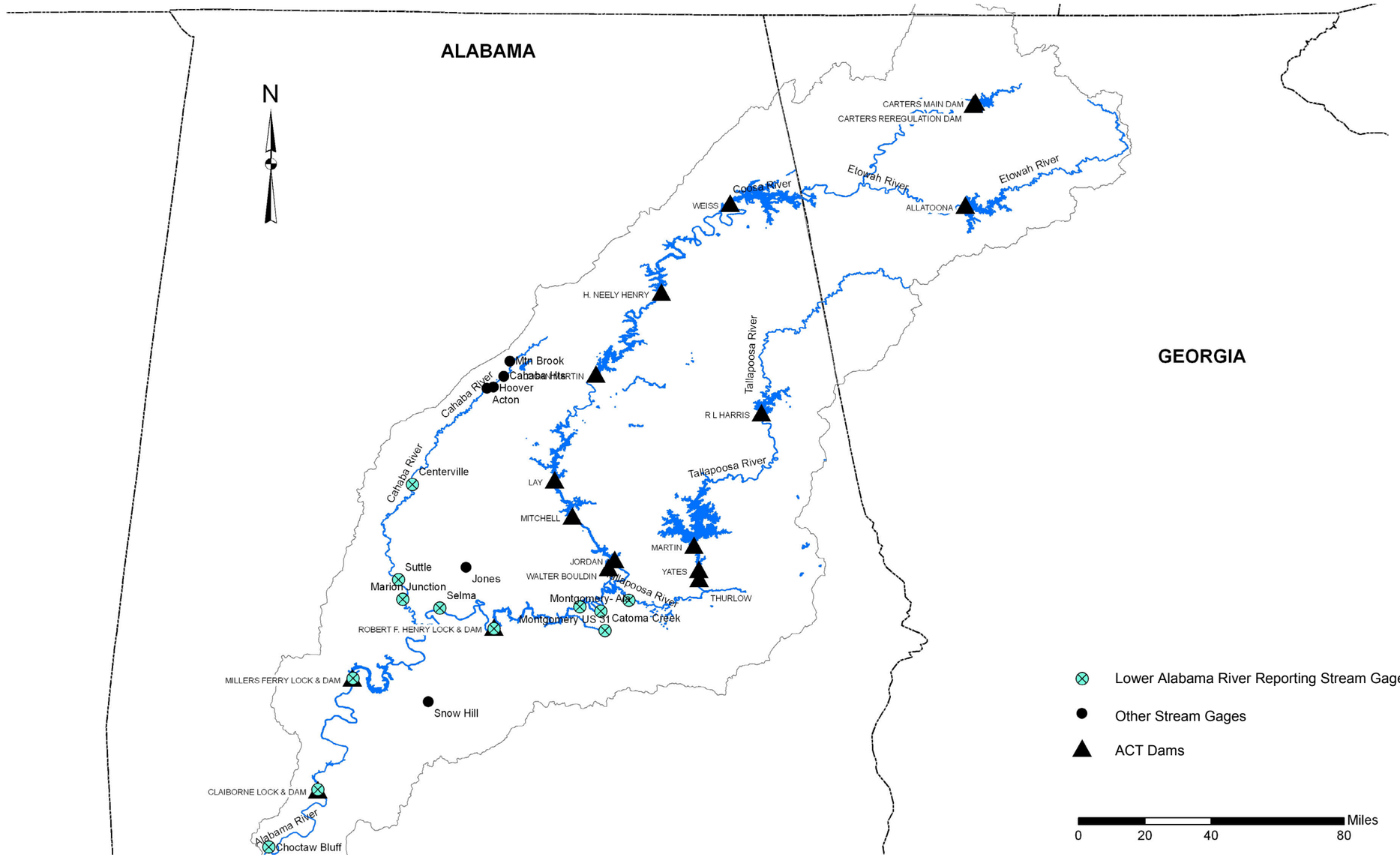
MONTHLY AND DAILY FLOW DATA



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

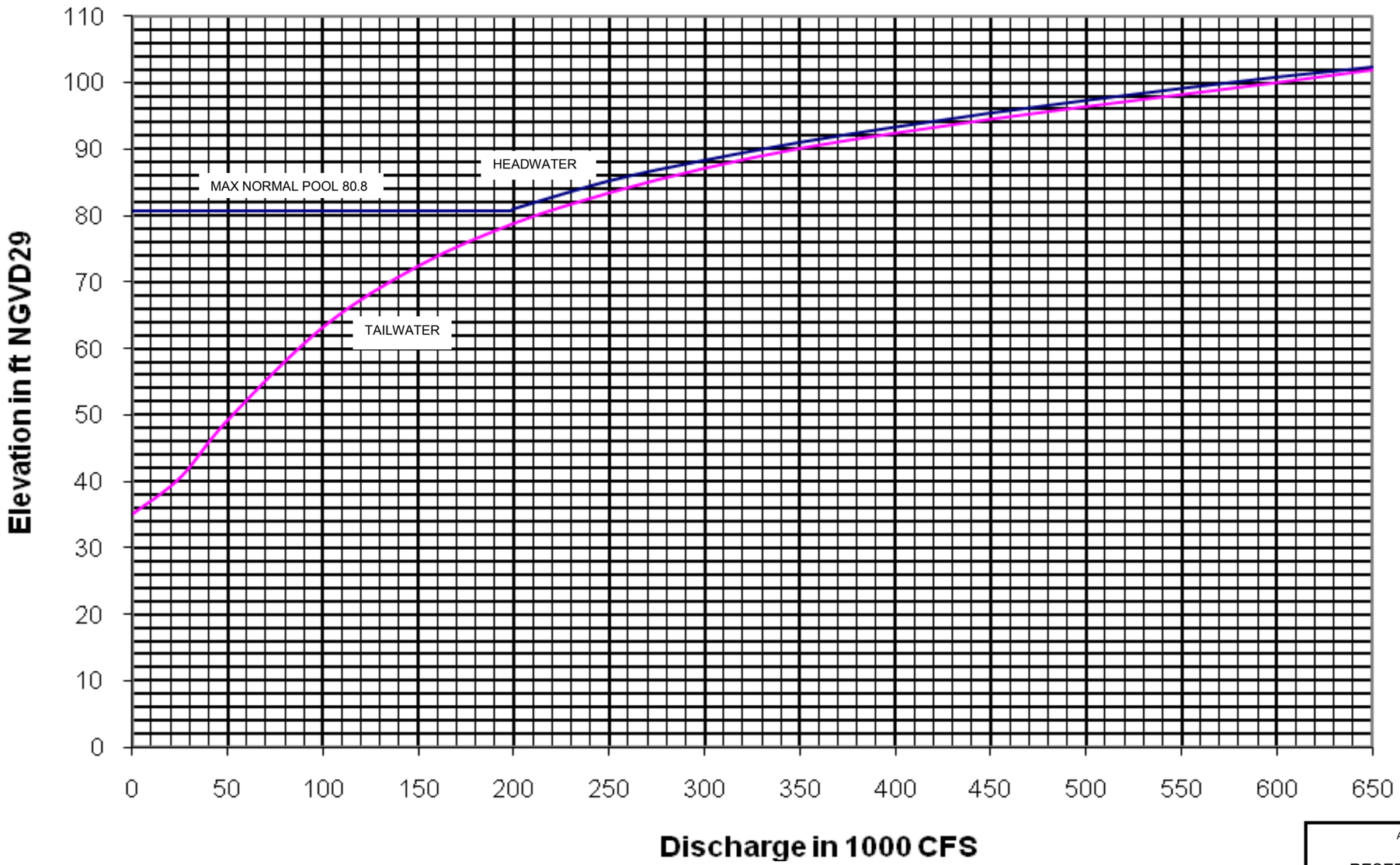
LOWER ALABAMA RIVER REPORTING RAIN GAGES



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

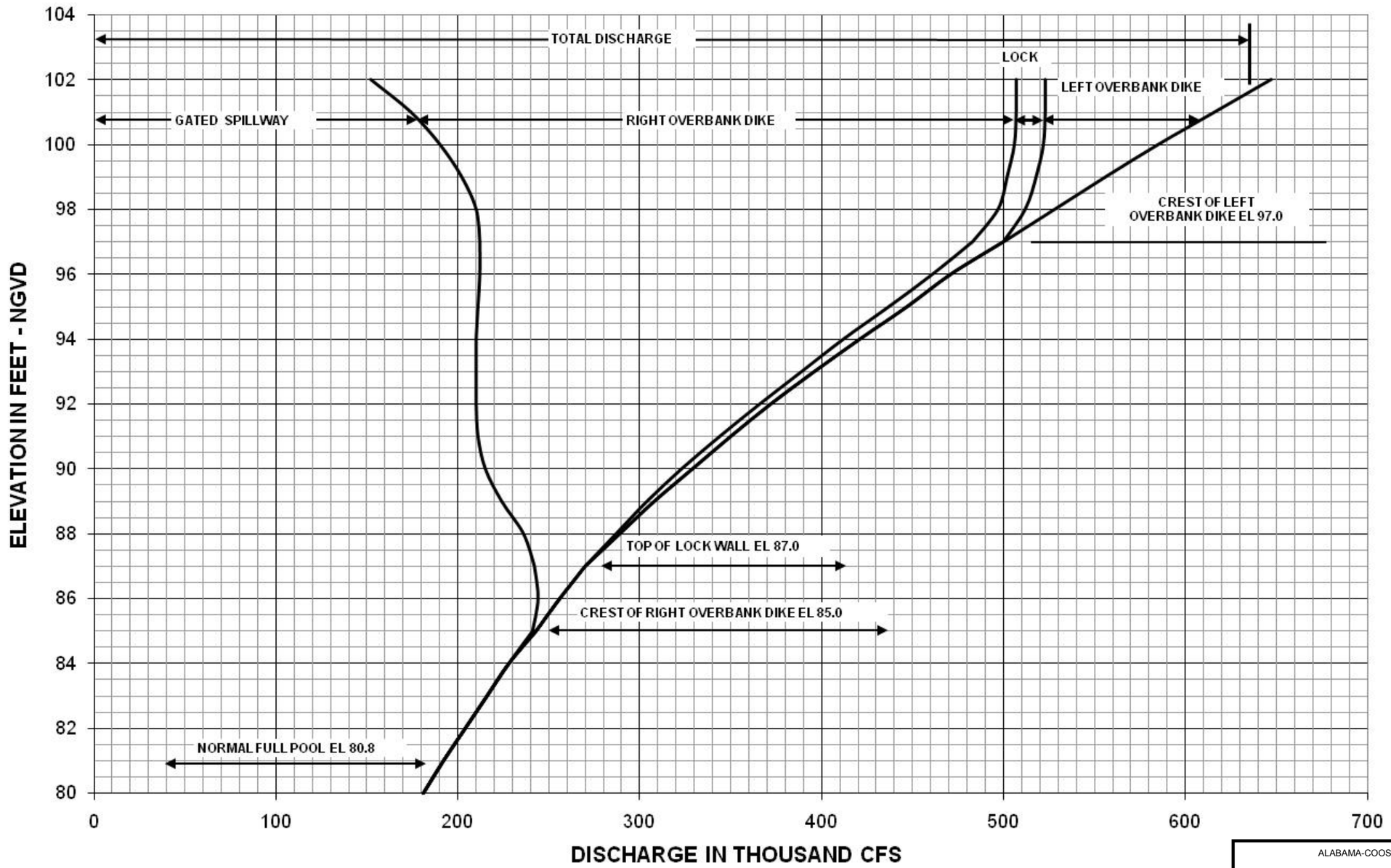
LOWER ALABAMA RIVER REPORTING RIVER AND STREAM GAGES



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

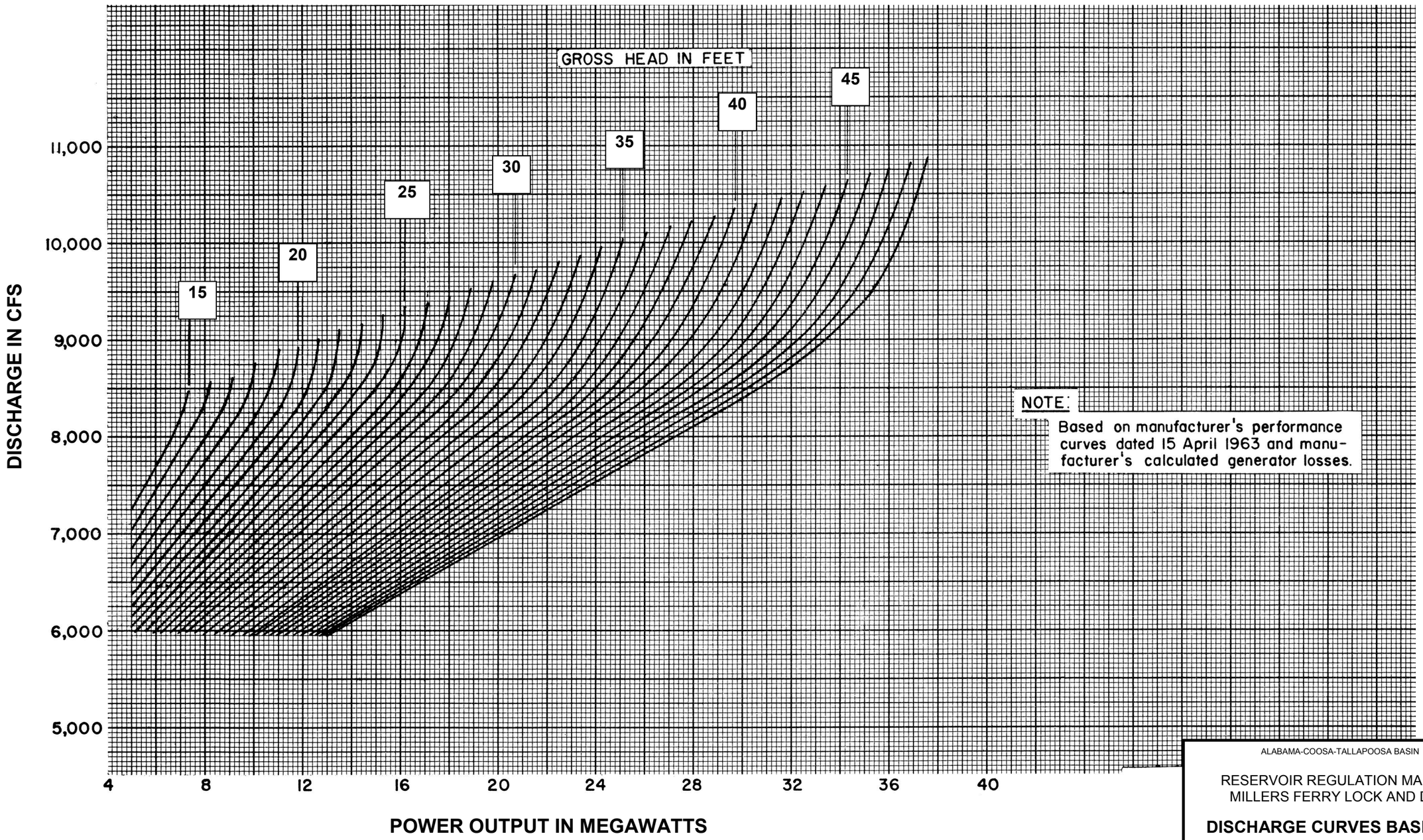
HEADWATER TAILWATER RATING CURVES



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

SPILLWAY, LOCK AND OVERBANK RATING CURVES



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

DISCHARGE CURVES BASED ON ORIGINAL GENERATOR OUTPUT

STEP NUMBER	GATE OPENING IN FEET																	SPILLWAY DISCHARGE IN C.F.S.									
	GATE NUMBER																	POOL ELEVATION									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0
1	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2010	2020	2040	2060	2070	2090	2100	2120	2140	2150
2	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4010	4050	4080	4110	4150	4180	4210	4240	4270	4300
3	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6020	6070	6120	6170	6220	6270	6310	6360	6410	6460
4	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	8030	8090	8160	8230	8290	8350	8420	8480	8550	8610
5	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	10030	10120	10200	10280	10360	10440	10520	10600	10680	10760
6	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	12040	12140	12240	12340	12440	12530	12630	12720	12820	12910
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	14050	14160	14280	14390	14510	14620	14730	14840	14950	15060
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	16050	16190	16320	16450	16580	16710	16840	16960	17090	17220
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	18060	18210	18360	18510	18650	18800	18940	19090	19230	19370
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	20070	20230	20400	20560	20730	20890	21050	21210	21360	21520
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	22070	22260	22440	22620	22800	22980	23150	23330	23500	23670
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	24080	24280	24480	24680	24870	25060	25260	25450	25640	25820
13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	26090	26300	26520	26730	26940	27150	27360	27570	27770	27980
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	28090	28330	28560	28790	29020	29240	29470	29690	29910	30130
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	30100	30350	30600	30840	31090	31330	31570	31810	32040	32280
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	32110	32370	32640	32900	33160	33420	33670	33930	34180	34430
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	34110	34400	34680	34960	35230	35510	35780	36050	36320	36580
18	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35220	35510	35800	36080	36360	36630	36900	37170	37460	37730
19	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	36320	36620	36910	37200	37480	37760	38030	38300	38600	38890
20	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	37420	37730	38030	38320	38610	38880	39150	39420	39740	40040
21	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	38520	38840	39150	39440	39730	40010	40280	40550	40880	41190
22	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	39630	39960	40270	40570	40850	41130	41400	41670	42020	42340
23	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	40730	41070	41390	41690	41980	42260	42530	42800	43160	43490
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	41830	42180	42500	42810	43100	43380	43660	43920	44300	44640
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	42930	43290	43620	43930	44230	44510	44780	45050	45440	45790
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	44030	44400	44740	45050	45350	45630	45910	46170	46580	46940
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	45140	45510	45860	46170	46470	46760	47030	47300	47720	48090
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	46240	46630	46970	47300	47600	47880	48160	48420	48860	49240
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	47340	47740	48090	48420	48720	49010	49280	49550	50000	50400
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	48440	48850	49210	49540	49850	50130	50410	50670	51140	51550
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	49540	49960	50330	50660	50970	51260	51530	51800	52270	52700
32	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	50650	51070	51450	51780	52090	52380	52660	52920	53410	53850
33	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	51750	52180	52560	52910	53220	53510	53780	54050	54550	55000
34	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	52850	53290	53680	54030	54340	54630	54910	55170	55690	56150
35	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	53850	54310	54700	55060	55390	55700	55980	56260	56790	57260
36	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	54850	55320	55730	56100	56440	56760	57060	57360	57890	58370
37	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	55850	56330	56750	57140	57500	57830	58140	58450	58990	59490
38	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	56850	57340	57770	58180	58550	58890	59220	59540	60090	60600
39	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	57850	58350	58800	59210	59600	59960	60300	60630	61190	61710
40	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	58850	59360	59820	60250	60650	61020	61380	61720	62290	62820
41	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	59840	60370	60840	61290	61700	62090	62460	62820	63390	63940
42	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	60840	61380	61870	62320	62750	63150	63540	63910	64490	65050
43	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	61840	62390	62890	63360	63800	64220	64620	65000	65590	66160
44	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	62840	63400	63910	64400	64850	65290	65700	66090	66690	67270
45	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	63840	64410	64940	65430	65900	66350	66780	67190	67790	68390
46	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	64840	65420	65960	66470	66960	67420	67850	68280	68890	69500
47	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	65840	66430	66980	67510	68010	68480	68930	69370	69990	70610
48	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	66840	67440	68010	68550	69060	69550	70010	70460	71090	71720
49	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	67840	68450	69030	69580	70110	70610	71090	71550	72180	72840
50	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	68830	69460	700050	70620	71160	71680	72170	72650	73280	73950
51	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	69830	70470	71080	71660	72210	72740	73250	73740	74380	75060

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

GATE OPENING SCHEDULE

WITHOUT POWERHOUSE OPERATING

SHEET 1 OF 6

STEP NUMBER	GATE OPENING IN FEET																	SPILLWAY DISCHARGE IN C.F.S.									
	GATE NUMBER																	POOL ELEVATION									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0
1	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2010	2020	2040	2060	2070	2090	2100	2120	2140	2150
2	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4010	4050	4080	4110	4150	4180	4210	4240	4270	4300
3	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6020	6070	6120	6170	6220	6270	6310	6360	6410	6460
4	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	8030	8090	8160	8230	8290	8350	8420	8480	8550	8610
5	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	10030	10120	10200	10280	10360	10440	10520	10600	10680	10760
6	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	12040	12140	12240	12340	12440	12530	12630	12720	12820	12910
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	14050	14160	14280	14390	14510	14620	14730	14840	14950	15060
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	16050	16190	16320	16450	16580	16710	16840	16960	17090	17220
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	0	17250	17400	17540	17680	17810	17950	18080	18200	18340	18490
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	0	18460	18620	18760	18900	19040	19190	19320	19440	19590	19760
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0	19670	19830	19980	20130	20280	20420	20550	26890	20840	21020
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	20880	21040	21200	21350	21510	21650	21790	21930	22090	22290
13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	22080	22260	22420	22580	22740	22880	23030	23170	23330	23560
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	23290	23470	23640	23800	23970	24120	24270	24410	24380	24830
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	24500	24680	24860	25030	25200	25350	25500	25660	25830	26090
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	25700	25900	26080	26260	26430	26590	26740	26900	27080	27360
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	26910	27110	27300	27480	27660	27820	27980	28140	28330	28630
18	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	28210	28430	28650	28850	29050	29240	29420	29600	29810	30120
19	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	29520	29760	30000	30220	30440	30650	30860	31060	31290	31610
20	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	30830	31090	31350	31590	31840	32070	32300	32520	32770	33100
21	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	32130	32420	32700	32970	33230	33480	33730	33980	34250	34590
22	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	33440	33750	34050	34340	34620	34900	35170	35430	35720	36090
23	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	34750	35080	35400	35710	36020	36310	36610	36890	37200	37580
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	36060	36400	36750	37080	27410	37730	38040	38350	38680	39070
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	37360	37730	38100	38450	38800	39150	39480	39810	40160	40560
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	38670	39060	39450	39820	40200	40560	40920	41270	41640	42050
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	39980	40390	40800	41200	41590	41980	42360	42730	43120	43550
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	41280	41720	42150	42570	42980	43390	43790	44190	44600	45040
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	42590	43050	43500	43940	44380	44810	45230	45650	46080	46530
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	43900	44380	44850	45310	45770	46220	46670	47110	47550	48020
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	45200	45700	46200	46680	47160	47640	48110	48570	49030	49510
32	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	46510	47030	47550	48050	48560	49050	49540	50030	50510	51000
33	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	47820	48360	48900	49430	49950	50470	50980	51490	51990	52500
34	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	49130	49690	50250	50800	51340	51880	52420	52950	53470	53990
35	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	50340	50910	51470	52030	52570	53110	53640	54170	54700	55230
36	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	51560	52130	52700	53250	53800	54340	54870	55390	55930	56470
37	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	52780	53360	53920	54480	55030	55560	56090	56620	57160	57710
38	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	54000	54580	55150	55710	56250	56790	57320	57840	58390	58950
39	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	55220	55800	56370	56930	57480	58020	58540	59060	59620	60190
40	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	56430	57020	57600	58160	58710	59240	59770	60290	60850	61430
41	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	57650	58250	58820	59390	59940	60470	61000	61510	62080	62670
42	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	58870	59470	60050	60610	61160	61700	62220	62730	63310	63910
43	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	60090	60690	61270	61840	62390	62930	63450	63950	64540	65150
44	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	61310	61910	62500	63070	63620	64150	64670	65180	65770	66380
45	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	62520	63140	63730	64290	64850	65380	65900	66400	67000	67620
46	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	63740	64360	64950	65520	66070	66610	67120	67620	68230	68860
47	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	64960	65580	66180	66750	67300	67830	68350	68850	69460	70100
48	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	66180	66800	67400	67980	68530	69060	69570	70070	70690	71340
49	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	67390	68030	68630	69200	69760	70290	70800	71290	71920	72580
50	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	68610	69250	69850	70430	70980	71510	72020	72520	73150	73820
51	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	69830	70470	71080	71660	72210	72740	73250	73740	74380	75060

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

GATE OPENING SCHEDULE

WITH POWERHOUSE OPERATING

SHEET 2 OF 6

STEP NUMBER	GATE OPENING IN FEET																	SPILLWAY DISCHARGE IN C.F.S.									
	GATE NUMBER																	POOL ELEVATION									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0
52	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	70610	71260	71880	72460	73030	73560	74090	74600	75250	75940
53	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	71400	72050	72680	73210	73840	74390	74920	75460	76120	76820
54	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	72180	72840	73470	74080	74660	75210	75760	76310	76990	77690
55	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	72970	73640	74270	74890	75470	76040	76600	77170	77860	78570
56	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	73750	74430	75070	75690	76290	76860	77430	78030	78730	79450
57	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	74540	75220	75870	76500	77110	77690	78270	78890	79600	80330
58	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	75320	76010	76670	77310	77920	78510	79110	79750	80470	81200
59	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	76100	76800	77470	78120	78740	79340	79940	80610	81340	82080
60	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	76890	77590	78270	78920	79550	80160	80780	81460	82210	82960
61	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	77670	78380	79070	79730	80370	80980	81620	82320	83080	83840
62	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	78460	79180	79870	80540	81180	81810	82450	83180	83950	84710
63	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	79240	79970	80670	81350	82000	82630	83290	84040	84820	85590
64	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	80020	80760	81470	82150	82820	83460	84130	84900	85690	86470
65	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	80810	81550	82270	82960	83630	84280	84960	85760	86560	87340
66	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	81590	82340	83070	83770	84450	85110	85800	86610	87430	88220
67	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	82380	83130	83870	84580	85260	85930	86640	87470	88290	89100
68	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	83160	83920	84660	85380	86080	86760	87470	88330	89160	89980
69	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	84240	85020	85780	86510	87230	87930	88670	89540	90390	91220
70	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	85320	86120	86890	87640	88380	89110	89870	90760	91620	92470
71	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	86400	87210	88000	88770	89530	90290	91070	91970	92840	93710
72	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	87480	88310	89110	89900	90680	91460	92270	93180	94070	94950
73	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	88560	89400	90230	91020	91830	92640	93470	94390	95300	96200
74	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	89640	90500	91340	92150	92980	93810	94670	95610	96520	97440
75	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	90720	91600	92450	93280	94130	94990	95870	96820	97750	98690
76	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	91800	92690	93560	94410	95280	96170	97070	98030	98980	99930
77	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	92880	93790	94670	95540	96430	97340	98270	99250	100200	101180
78	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	93960	94890	95790	96660	97580	98520	99470	100460	101430	102420
79	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	95040	95980	96900	97790	98730	99700	100660	101670	102660	103670
80	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	96120	97080	98010	98920	99880	100870	101860	102880	103880	104910
81	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	97200	98170	99120	100050	101030	102050	103060	104100	105110	106150
82	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	98280	99270	100230	101180	102180	103220	104260	105310	106340	107400
83	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	99360	100370	101350	102300	103330	104400	105460	106520	107560	108640
84	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0	100440	101460	102460	103430	104480	105580	106660	107730	108790	109890
85	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	101520	102560	103570	104560	105630	106750	107860	108950	110020	111130
86	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	102240	103290	104320	105330	106420	107570	108700	109810	110910	112050
87	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	102960	104030	105070	106100	107210	108380	109540	110680	111810	112970
88	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	103680	104760	105820	106860	108000	109190	110380	111550	112700	113890
89	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	104400	105490	106570	107630	108790	110000	111220	112420	113600	114810
90	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	105110	106230	107320	108400	109580	110810	112060	113290	114490	115730
91	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	105830	106960	108070	109170	110370	111630	12900	114150	115390	116650
92	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	106550	107700	108820	109940	111160	112440	113740	115020	116290	117570
93	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	107270	108430	109570	110700	111950	113250	114580	115890	117180	118490
94	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	107980	109160	110320	111470	112740	114060	115420	116760	118080	119410
95	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	108700	109900	111070	112240	113530	114870	116260	117630	118970	120330
96	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	109420	110630	111820	113010	114320	115690	117100	118490	119870	121250
97	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	110140	111370	112570	113780	115110	116500	117940	119360	120760	22170
98	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	6.0	110860	112100	11320	114540	115900	117310	118780	120230	121660	123090
99	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0	111570	112830	114070	115310	116690	118120	119620	121100	122560	124010
100	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0	112290	113570	114820	116080	117490	118930	120460	121970	123450	124920
101	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	113010	114300	115570	116850	118280	119750	121300	122830	124350	125840
102	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	113730	115040	116320	117610	119070	120560	122140	123700	125240	126760

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

GATE OPENING SCHEDULE

WITHOUT POWERHOUSE OPERATING

SHEET 3 OF 6

STEP NUMBER	GATE OPENING IN FEET																	SPILLWAY DISCHARGE IN C.F.S.									
	GATE NUMBER																	POOL ELEVATION									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0
103	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	114230	115570	116890	118220	119690	121200	122800	124370	125930	127460
104	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	114730	116110	117460	118820	120310	121840	123450	125040	126610	128160
105	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	115240	116640	118030	119420	120930	122480	124110	125710	127300	128860
106	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	115740	117180	118600	120020	121550	123120	124760	126380	127980	129560
107	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	116240	117720	119170	120620	122170	123770	125420	127050	128670	130260
108	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	116750	118250	119740	121220	122790	124410	126080	127720	129350	130960
109	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	117250	118790	120310	121820	123420	125050	126730	128400	130040	131660
110	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	117760	119330	120880	122420	124040	125690	127390	129070	130720	132360
111	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	118260	119860	121440	123020	124660	126330	128050	129740	131410	133060
112	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	118760	120400	122010	123620	125280	126970	128700	130410	132090	133750
113	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	119270	120940	122580	124220	125900	127620	129360	131080	132780	134450
114	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	119770	121470	123150	124820	126520	128260	130010	131750	133460	135150
115	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	120270	122010	123720	125420	127140	128900	130670	132420	134150	135850
116	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	120780	122540	124290	126020	127770	129540	131330	133090	134830	136550
117	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	121280	123080	124860	126620	128390	130180	131980	133760	135520	137250
118	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	121790	123620	125430	127220	129010	130820	132640	134430	136200	137950
119	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	122290	124150	126000	127820	129630	131470	133290	135100	136890	138650
120	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	122690	124570	126420	128260	130080	131920	133770	135610	137420	139210
121	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	123100	124980	126850	128700	130530	132380	134250	136120	137960	139780
122	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	123500	125400	127280	129140	130980	132840	134730	136630	138500	140350
123	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	123900	125810	127720	129570	131430	133300	135210	137140	139040	140910
124	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	124310	126220	128130	130010	131880	133750	135690	137640	139570	141480
125	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	124710	126640	128550	130450	132320	134210	136170	138150	140110	142050
126	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	125120	127050	128980	130890	132770	134670	136650	138660	140650	142610
127	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	125520	127460	129400	131320	133220	135130	137130	139170	141190	143180
128	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	125920	127880	129830	131760	133670	135590	137610	139680	141720	143740
129	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	126330	128890	130250	132200	134120	136040	138090	140190	142260	144310
130	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	10.0	126730	128700	130680	132640	134570	136500	138570	140700	142800	144880
131	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	10.0	127130	129120	131110	133070	135020	136960	139040	141200	143340	145440
132	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	127540	129530	131530	133510	135470	137420	139520	141710	143880	146010
133	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	127940	129950	131960	133950	135920	137870	140000	142220	144410	146580
134	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	10.0	128350	130360	132380	134380	136370	138330	140480	142730	144950	147140
135	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.0	128750	130770	132810	134820	136820	138790	140960	143240	145490	147710
136	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	129150	131190	133230	135260	137260	139250	141440	143750	146030	148270
137	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	129440	131470	133510	135550	137590	139620	141830	144170	146490	148780
138	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	129730	131760	133790	135830	137920	139980	142230	144590	146950	149280
139	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	130020	132040	134070	136120	138250	140350	142620	145010	147410	149790
140	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	130310	132330	134340	136410	138580	140720	143020	145430	147870	150290
141	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	130600	132610	134620	136700	138900	141090	143410	145850	148340	150790
142	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	130890	132900	134900	136980	139230	141460	143810	146270	148800	151300
143	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	131190	133180	135170	137270	139560	141820	144200	146690	149260	151800
144	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	131480	133470	135450	137560	139890	142190	144600	147110	149720	152300
145	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	131770	133750	135730	137850	140210	142560	144990	147530	150180	152810
146	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	132060	134040	136010	138130	140540	142930	145390	147950	150650	153310
147	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	12.0	132350	134320	136280	138420	140870	143300	145780	148370	151110	153820
148	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	12.0	132640	134610	136560	138710	141200	143660	146180	148790	151570	154320
149	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	132930	134900	136840	139000	141520	144030	146570	149210	152030	154820
150	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	133220	135180	17120	139280	141850	144400	146970	149640	152490	155330
151	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	133510	135470	137390	139570	142180	144770	147360	150060	152960	155830
152	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.0	133800	135750	137670	139860	142510	145130	147760	150480	153420	156340
153	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	134090	136040	137950	140140	142830	145500	148150	150900	153880	156840

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

GATE OPENING SCHEDULE

WITH OR WITHOUT POWERHOUSE OPERATING

SHEET 4 OF 6

STEP NUMBER	GATE OPENING IN FEET																	SPILLWAY DISCHARGE IN C.F.S.									
	GATE NUMBER																	POOL ELEVATION									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0
154	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	134350	136330	138290	140510	143200	145880	148550	151310	154280	157240
155	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	134620	136620	138630	140880	143560	146260	148950	151710	154690	157630
156	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	134880	136920	138970	141250	143930	146640	149340	152120	155090	158030
157	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	135150	137210	139310	141620	144300	147010	149740	152530	155490	158430
158	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	135410	137500	139650	141990	144660	147390	150140	152940	155900	158820
159	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	135680	137790	139990	142350	145030	147770	150540	153350	156300	159220
160	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	135940	138090	140330	142720	145390	148150	150930	153760	156700	159610
161	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	136210	138380	140670	143090	145760	148520	151330	154170	157110	160010
162	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	136470	138670	141010	143460	146120	148900	151730	154580	157510	160410
163	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	136740	138970	141350	143830	146490	149280	152130	154990	157910	160800
164	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	14.0	137000	139260	141690	144190	146850	149660	152520	155390	158320	161200
165	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	137270	139550	142030	144560	147220	150030	152920	155800	158720	161600
166	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	14.0	137530	139840	142370	144930	147580	150410	153320	156210	159120	161990
167	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	14.0	137800	140140	142710	145300	147950	150790	153720	156620	159530	162390
168	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0	138060	140430	143050	145670	148310	151170	154110	157030	159930	162790
169	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	138330	140720	143390	146030	148680	151540	154510	157440	160330	163180
170	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	138600	141020	143730	146400	149040	151920	154910	157850	160740	163580
171	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	138770	141200	143950	146640	149330	152240	155240	158200	161120	163980
172	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	138950	141430	144170	146890	149620	152550	155580	158560	161490	164390
173	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	139130	141640	144390	147130	149900	152860	155910	158920	161870	164790
174	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	139300	141850	144620	147370	150190	153180	156250	159270	162250	165190
175	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	139480	142060	144840	147610	150470	153490	156580	159630	162630	165600
176	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	139660	142270	145060	147850	150760	153810	156920	159990	163010	166000
177	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	139830	142480	145280	148090	151050	154120	157250	160340	163390	166410
178	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	140010	142690	145510	148330	151330	154440	157590	160700	163770	166810
179	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	140180	142890	145730	148580	151620	154750	157930	161060	164140	167220
180	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	140360	143100	145950	148820	151900	155070	158260	161410	164520	167620
181	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	16.0	140540	143310	146170	149060	152190	155380	158600	161770	164900	168020
182	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	16.0	140710	143520	146400	149300	152480	155700	158930	162130	165280	168430
183	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	16.0	140890	143730	146620	149540	152760	156010	159270	162480	165660	168830
184	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	16.0	141070	143940	146840	149780	153050	156330	159600	162840	166040	169240
185	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	141240	144150	147060	150020	153330	156640	159940	163200	166420	169640
186	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	141420	144360	147290	150270	153620	156960	160270	163550	166800	170040
187	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	141600	144560	147510	150510	153910	157270	160610	163910	167170	170450
188	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	141750	144720	147660	150690	154100	157480	160830	164140	167430	170740
189	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	141900	144870	147810	150870	154290	157680	161040	164370	167680	171030
190	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142060	145020	147960	151040	154480	157890	161260	164600	167940	171320
191	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142210	145170	148120	151220	154670	158090	161480	164830	168190	171610
192	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142370	145330	148270	151400	154860	158290	161690	165060	168450	171900
193	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142520	145480	148420	151580	155050	158500	161910	165300	168700	172200
194	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142670	145630	148570	151760	155240	158700	162130	165530	168960	172490
195	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142830	145780	148720	151940	155440	158900	162350	165760	169210	172780
196	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	142980	145940	148870	152120	155630	159110	162560	165990	169470	173070
197	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	143130	146090	149030	152300	155820	159310	162780	166220	169720	173360
198	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	143290	146240	149180	152480	156010	159520	163000	166450	169980	173650
199	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	18.0	143440	146390	149330	152660	156200	159720	163210	166680	170230	173940
200	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0	143590	146550	149480	152840	156390	159920	163430	166910	170490	174230
201	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	143750	146700	149630	153020	156580	160130	163650	167140	170740	174530
202	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	143900	146850	149780	153200	156780	160330	163860	167370	171000	174820
203	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	144050	147000	149940	153370	156970	160540	164080	167600	171250	175110
204	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	144210	147160	150090	153550	157160	160740	164300	167830	171500	175400

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

GATE OPENING SCHEDULE

WITH OR WITHOUT POWERHOUSE OPERATING

SHEET 5 OF 6

STEP NUMBER	GATE OPENING IN FEET																	SPILLWAY DISCHARGE IN C.F.S.									
	GATE NUMBER																	POOL ELEVATION									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0
205	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	144670	147690	150700	154210	157850	161500	165140	168770	172540	176530
206	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	145130	148220	151310	154870	158550	162270	165980	169710	173570	177660
207	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	145590	148760	151920	155530	159250	163030	166820	170640	174600	178800
208	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	146050	149290	152530	156190	159940	163790	167660	171580	175630	179930
209	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	146510	149820	153140	156840	160640	164550	168500	172510	176670	181060
210	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	146970	150360	153760	157500	161340	165320	169330	173450	177700	182200
211	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	147430	150890	154370	158160	162030	166080	170170	174390	178730	183330
212	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	147890	151430	154980	158820	162730	166840	171010	175320	179760	184460
213	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	148350	151960	155590	159470	163430	167610	171850	176260	180800	185590
214	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	148810	152490	156200	160130	164120	168370	172690	177190	181830	186730
215	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	20.0	149270	153030	156810	160790	164820	169130	173530	178130	182860	187860
216	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	20.0	149730	153560	157430	161450	165510	169890	174370	179060	183890	188990
217	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	20.0	150190	154090	158040	162110	166210	170660	175210	180000	184930	190120
218	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	20.0	150650	154630	158650	162760	166910	171420	176050	180940	185960	191260
219	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	20.0	151110	155160	159260	163420	167600	172180	176890	181870	186990	192390
220	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	20.0	151570	155700	159870	164080	168300	172950	177730	182810	188020	193520
221	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	FULL	152030	156230	160480	164740	169000	173710	178570	183740	189060	194650

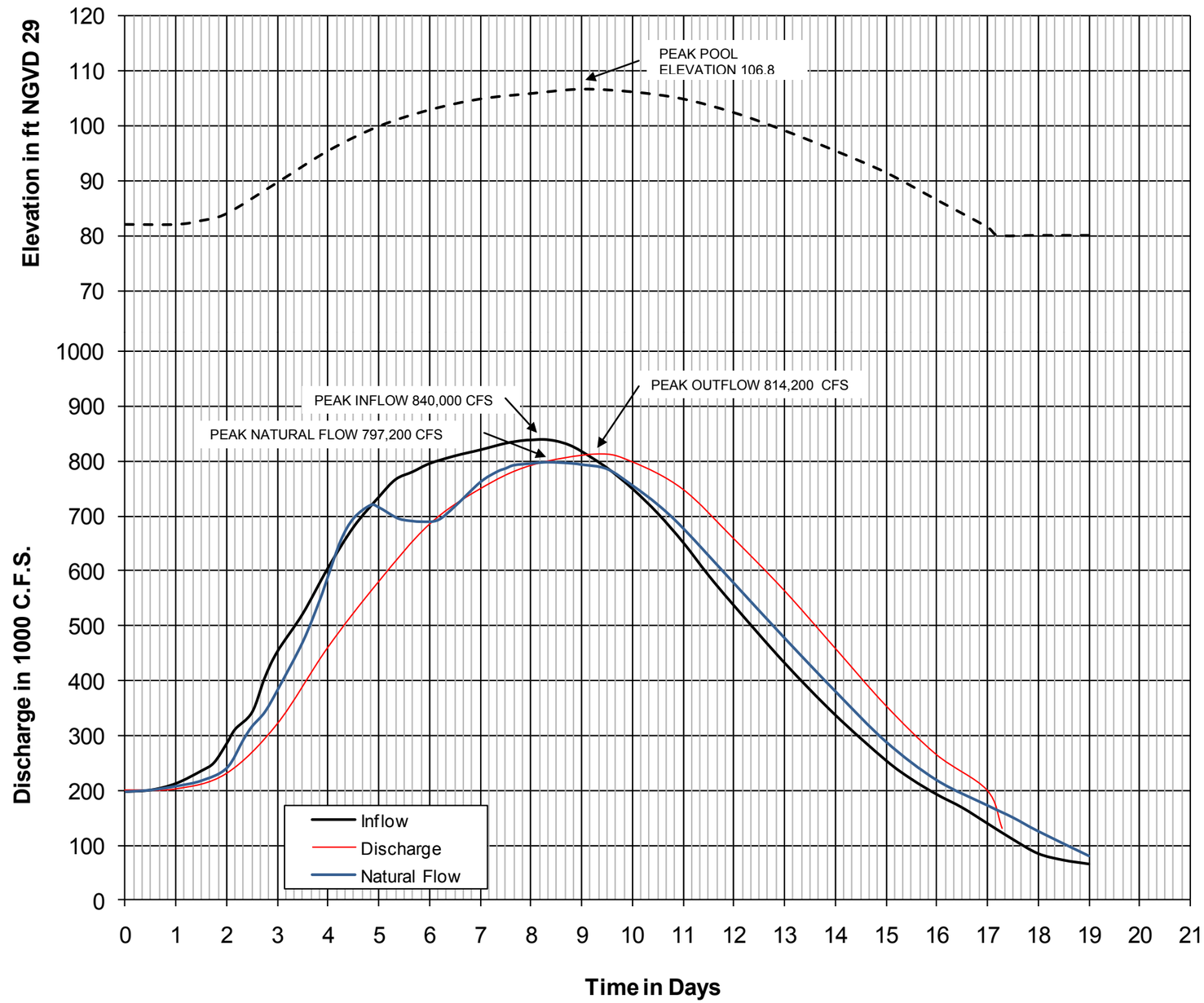
ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

GATE OPENING SCHEDULE

WITH OR WITHOUT POWERHOUSE OPERATING

SHEET 6 OF 6

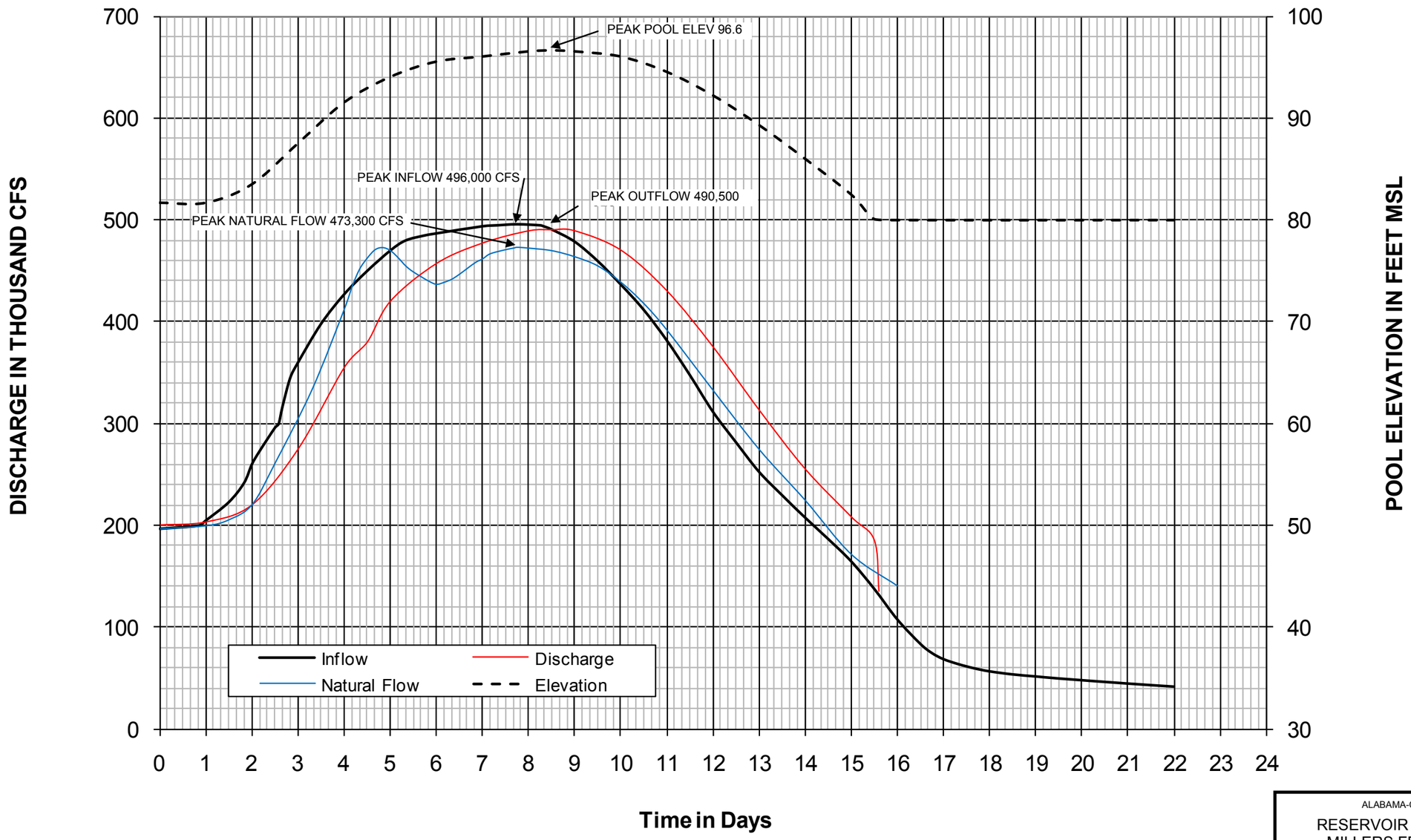


NOTE: FLOOD OF MARCH 1929 FOLLOWED BY SPILLWAY DESIGN FLOOD. EXISTING AND PROPOSED ALA POWER CO DAMS AND RF HENRY DAM ASSUMED IN OPERATION

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

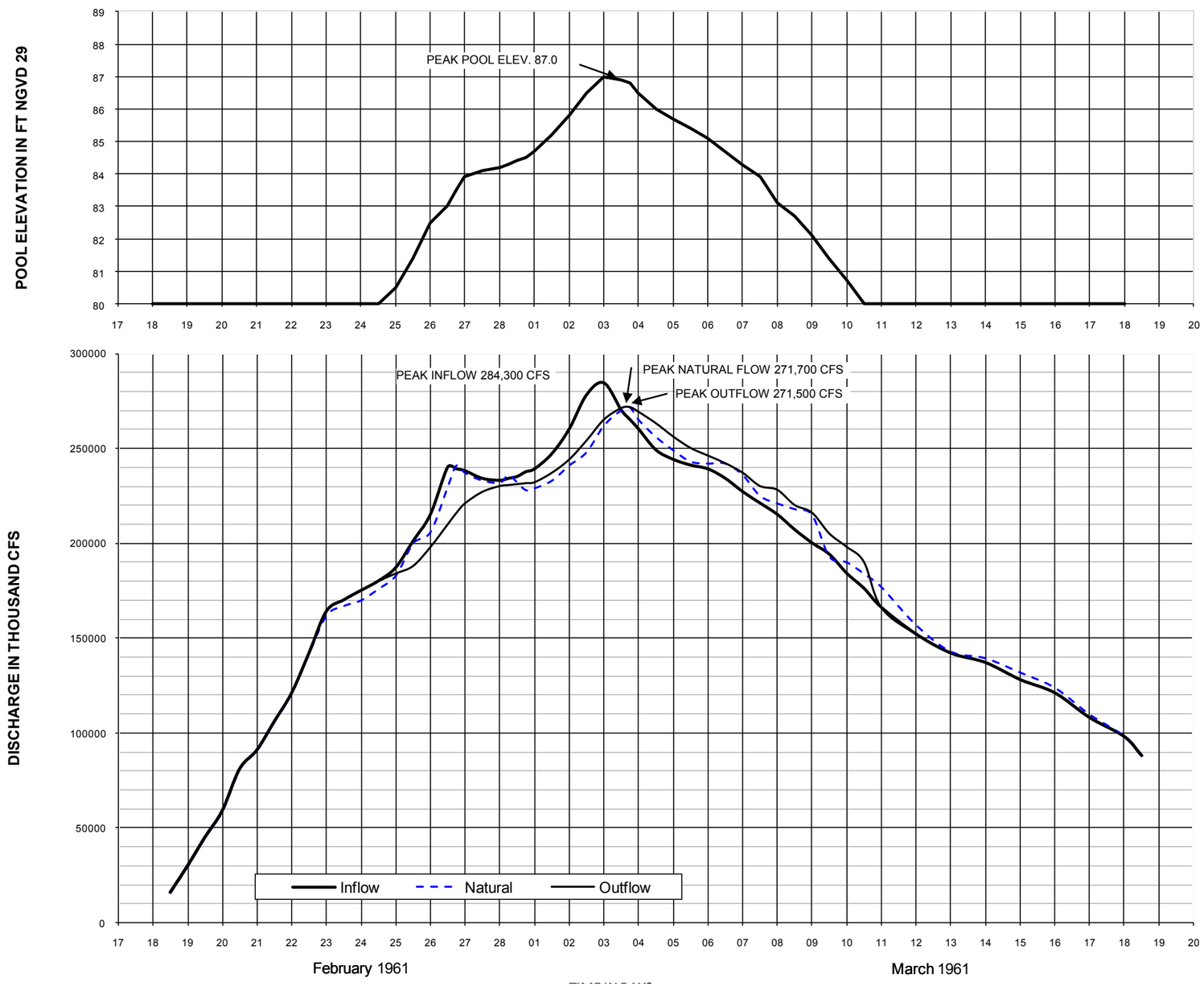
INFLOW OUTFLOW POOL HYDROGRAPHS SPILLWAY DESIGN FLOOD



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

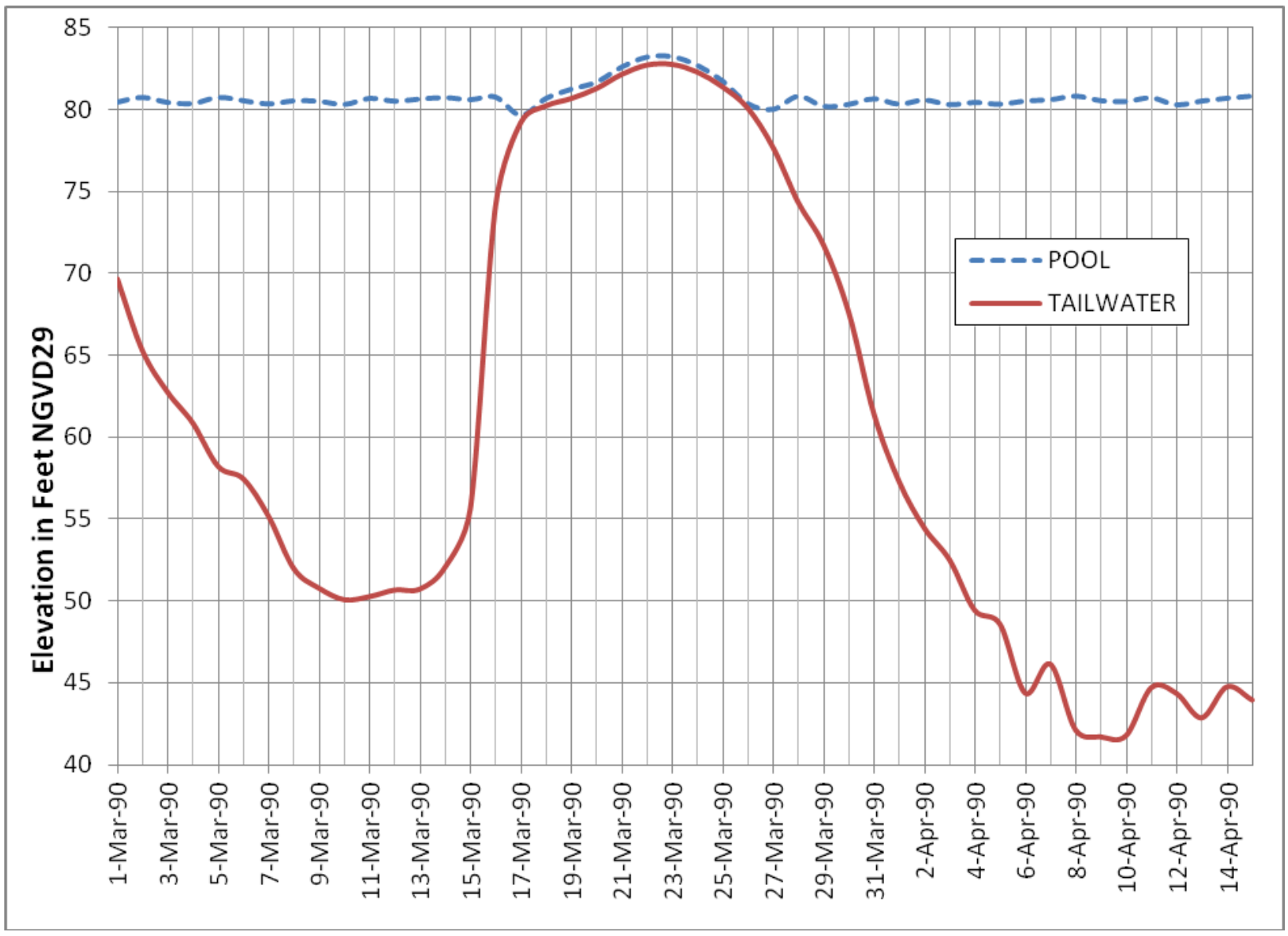
INFLOW OUTFLOW POOL HYDROGRAPHS
STANDARD PROJECT FLOOD

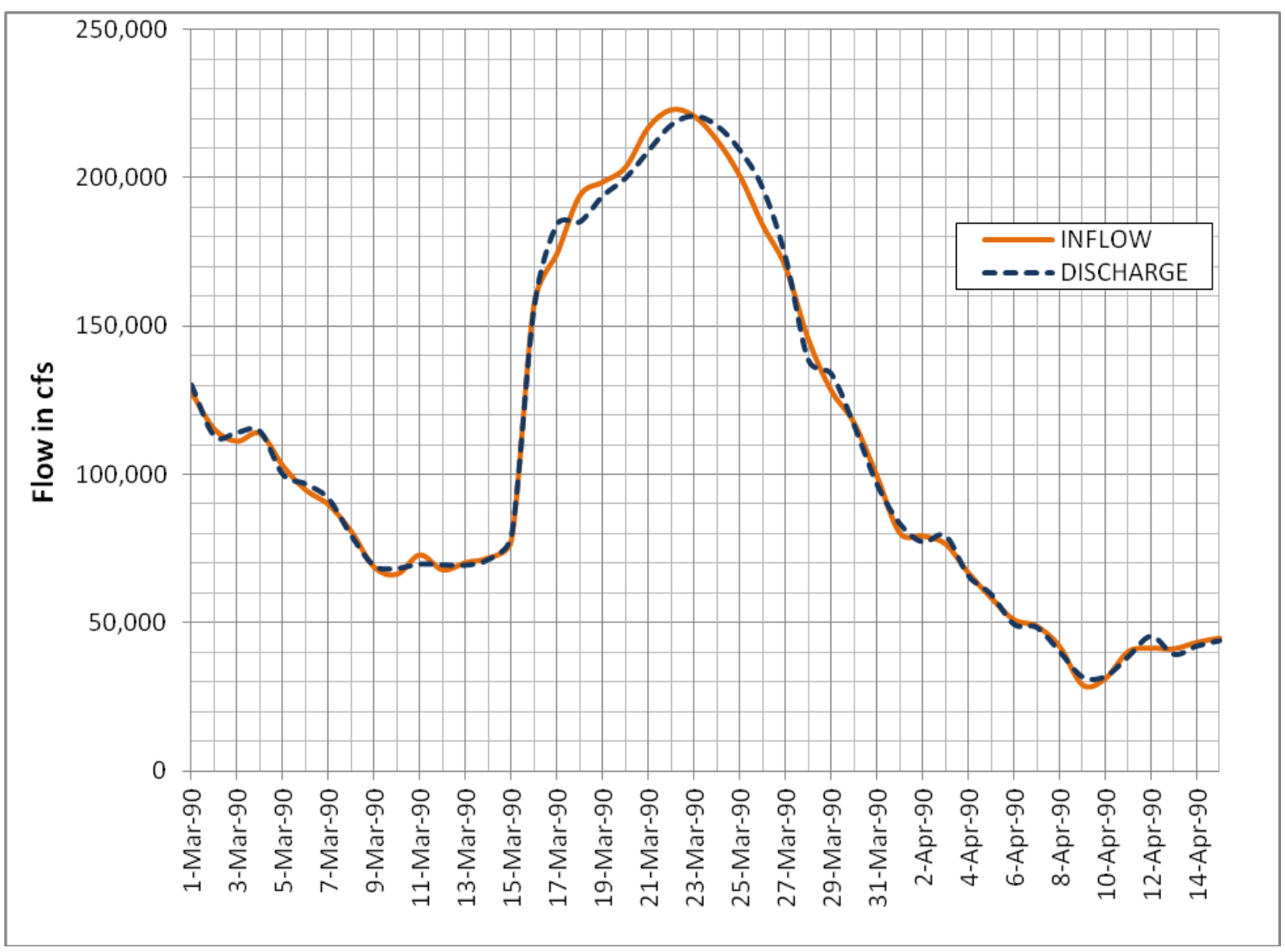


ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

INFLOW OUTFLOW POOL HYDROGRAPHS
FLOOD OF FEB-MAR 1961

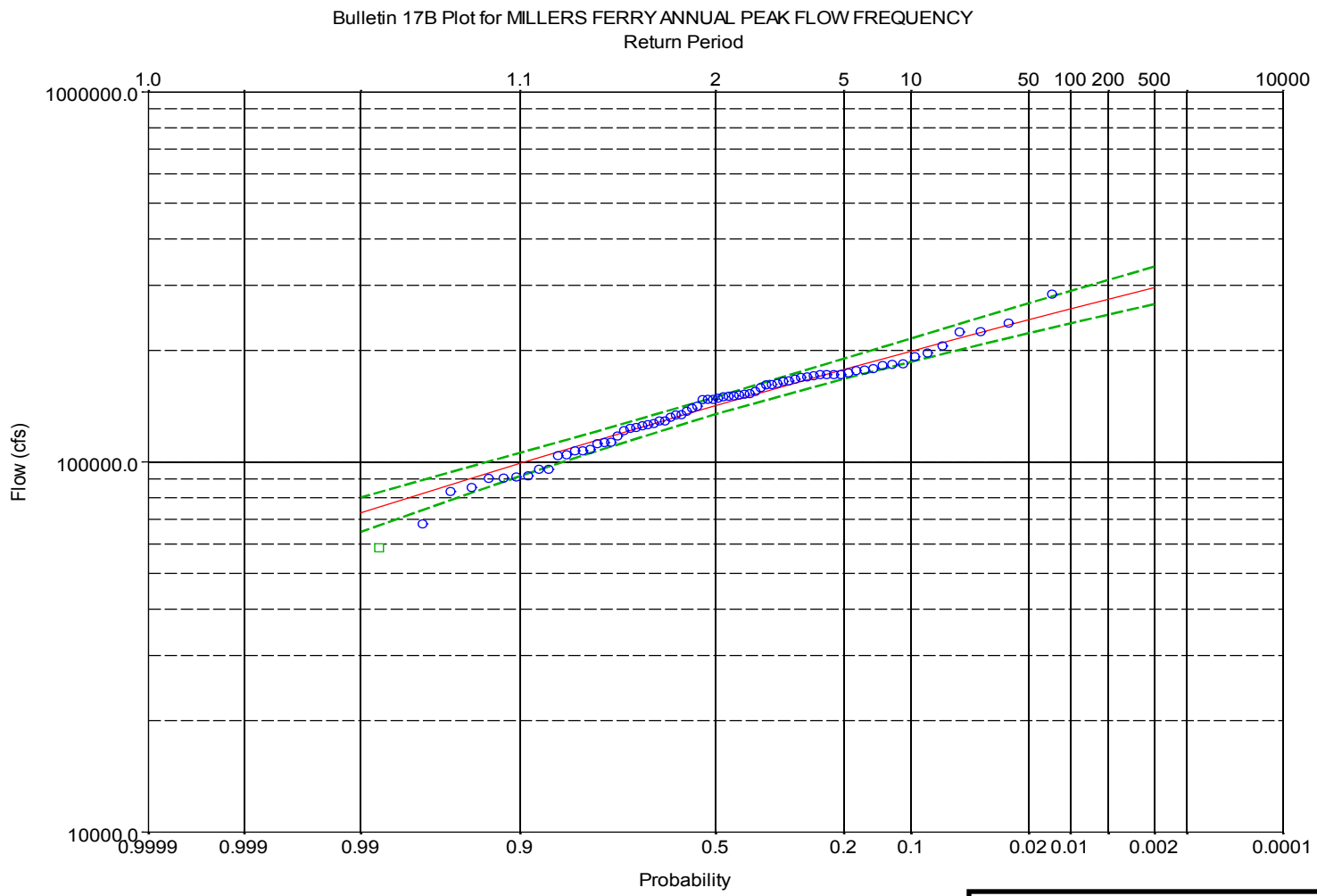




ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

INFLOW OUTFLOW POOL HYDROGRAPHS
FLOOD OF FEB-MAR 1961

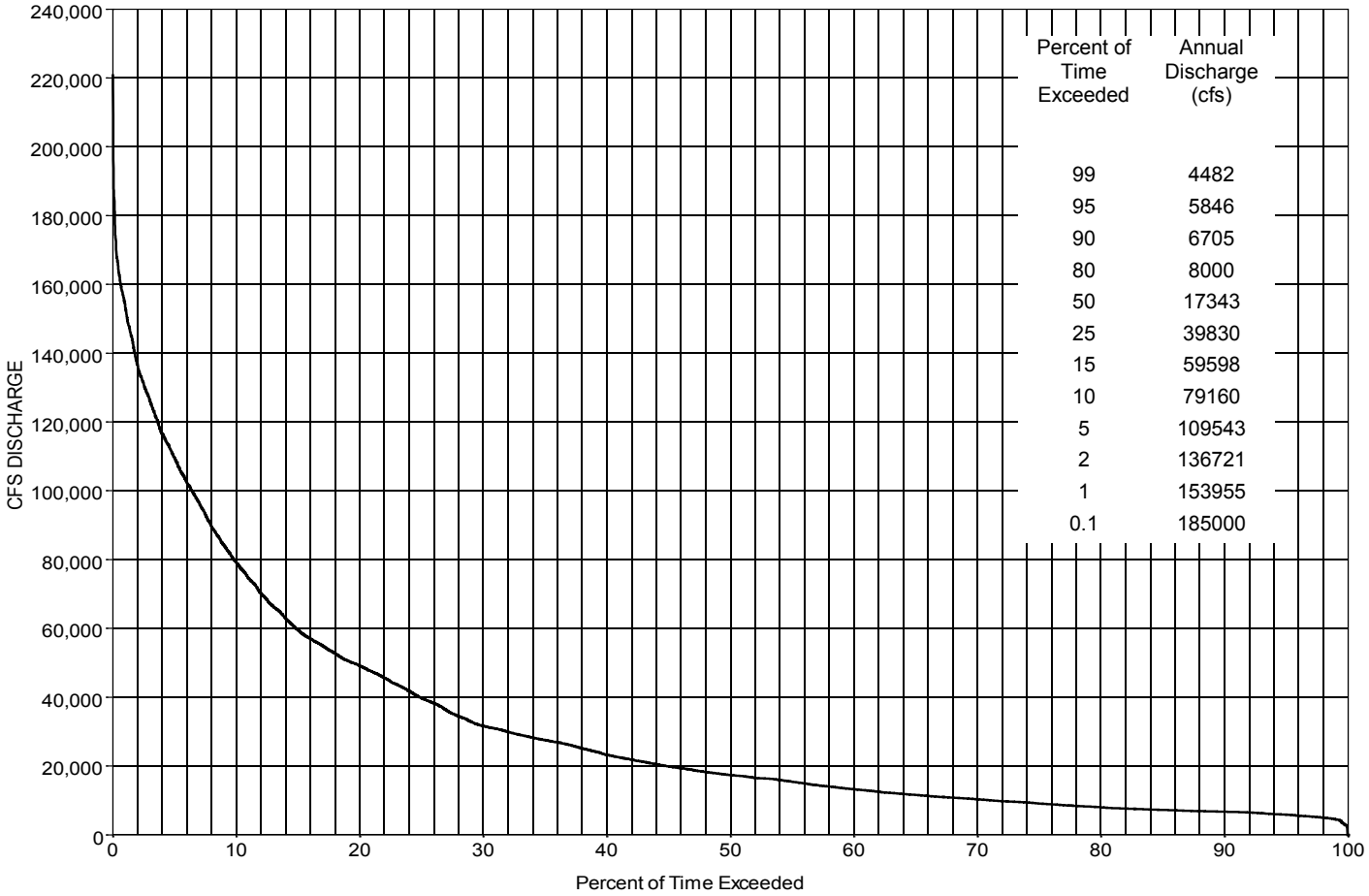


1938 – 1954, AND 1961 DATA FROM USGS GAGE 02427500
1955 – 1975 DATA FROM USGS GAGE 02429500
1976 – 2009 DATA FROM MOBILE DISTRICT WATER MANAGEMENT

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

ANNUAL PEAK FLOW FREQUENCY
1938-2009



Percent of Time Exceeded	Annual Discharge (cfs)
99	4482
95	5846
90	6705
80	8000
50	17343
25	39830
15	59598
10	79160
5	109543
2	136721
1	153955
0.1	185000

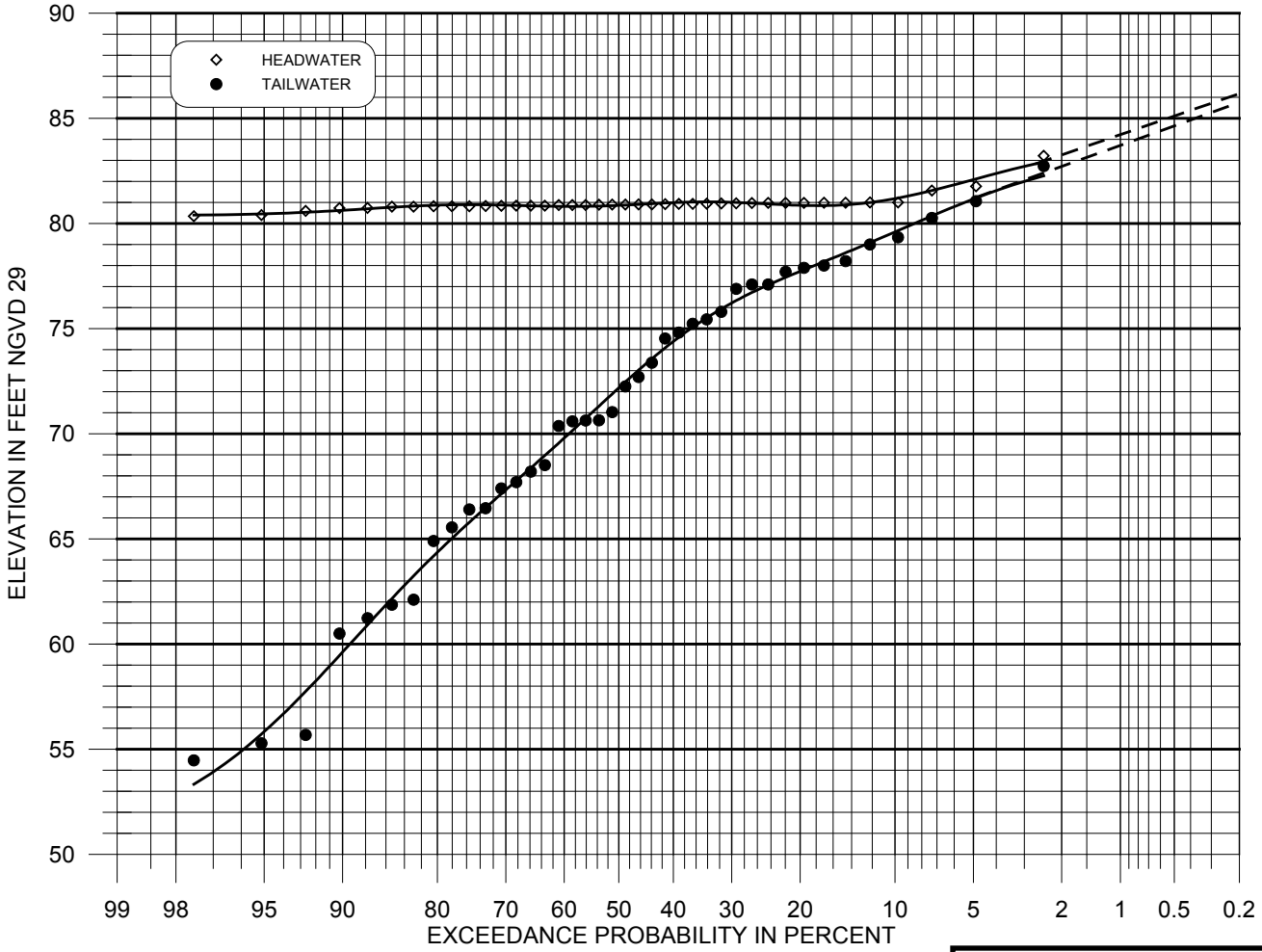
Data from Mobile District files for the period May 1970 – Dec 2009.

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

ANNUAL DISCHARGE DURATION

MAY 1970 – DECEMBER 2009



Data from Mobile District files for the period 1971 - 2009.
Sixth degree polynomial curves were used to fit data. Curves were extrapolated to 0.2 exceedance probability

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
MILLERS FERRY LOCK AND DAM

HEADWATER-TAILWATER ELEV FREQUENCY

1971-2009