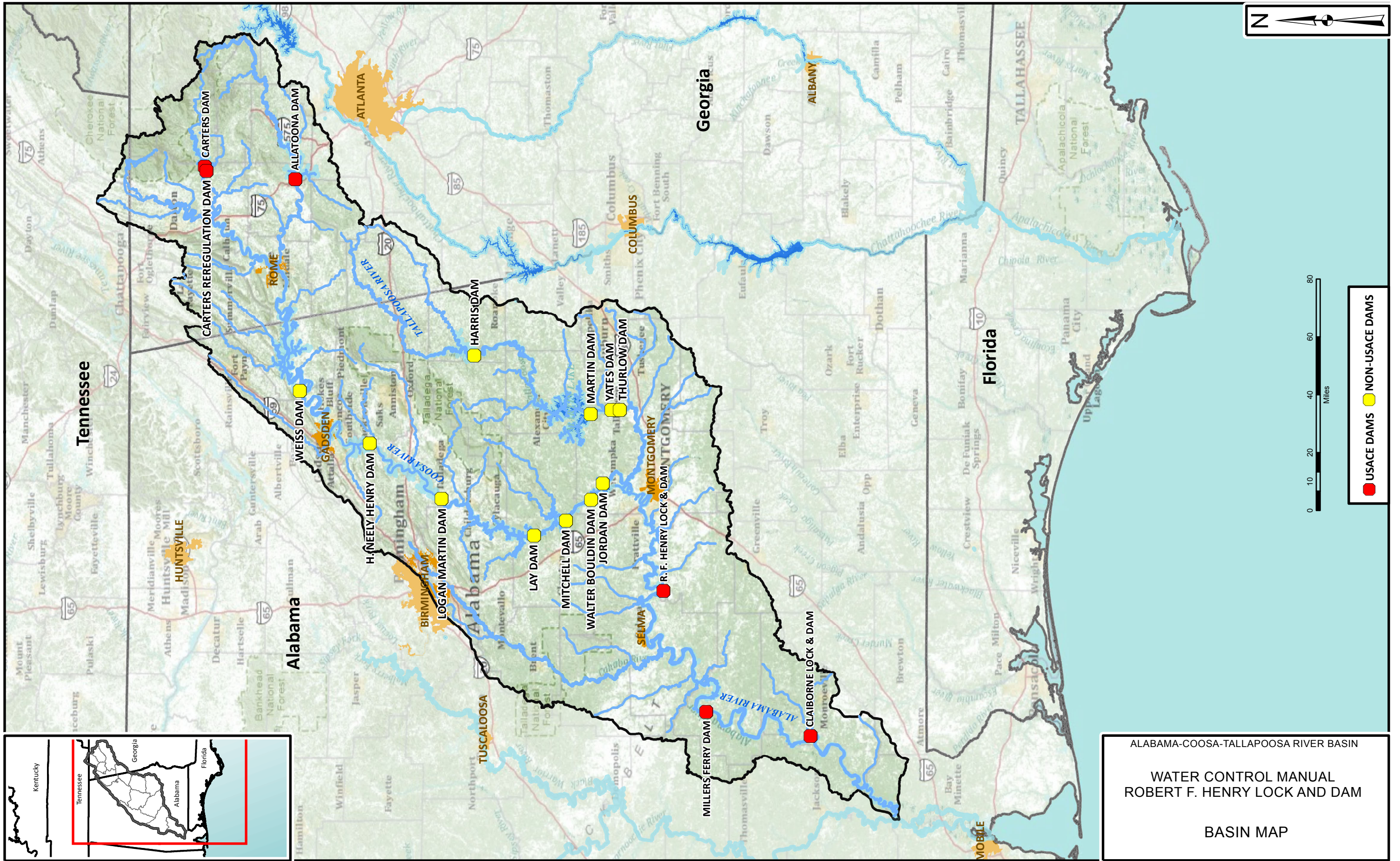
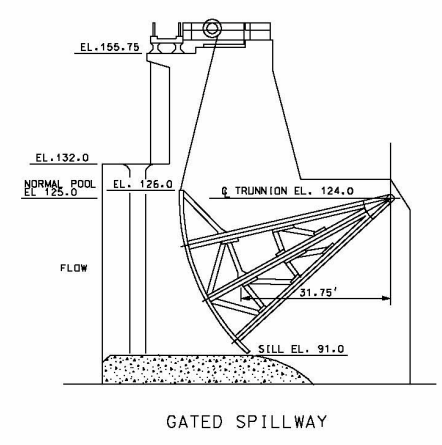
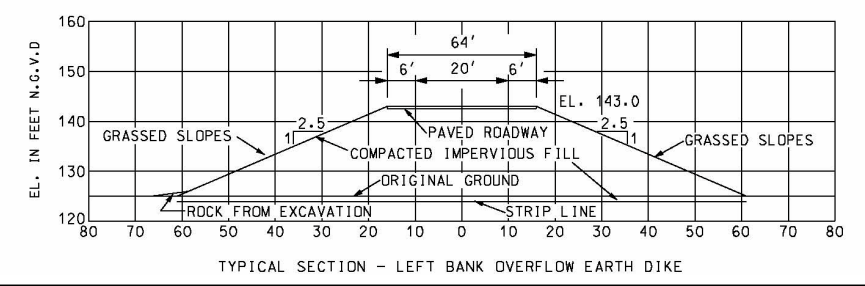
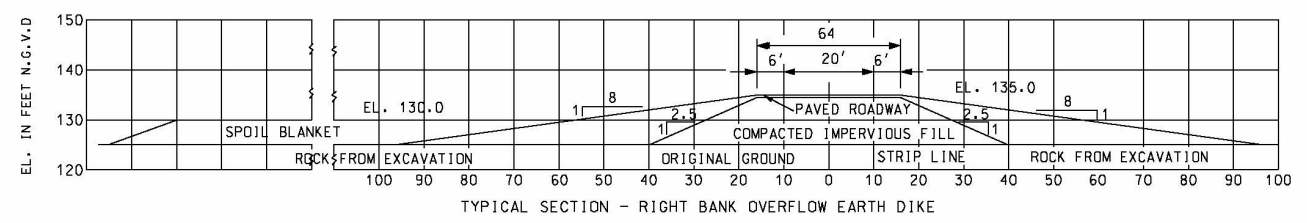
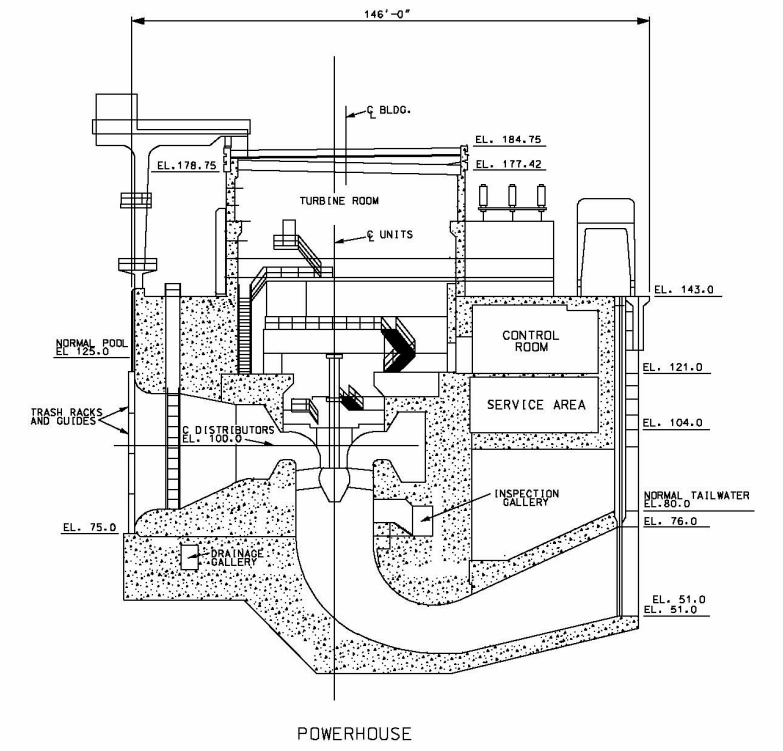
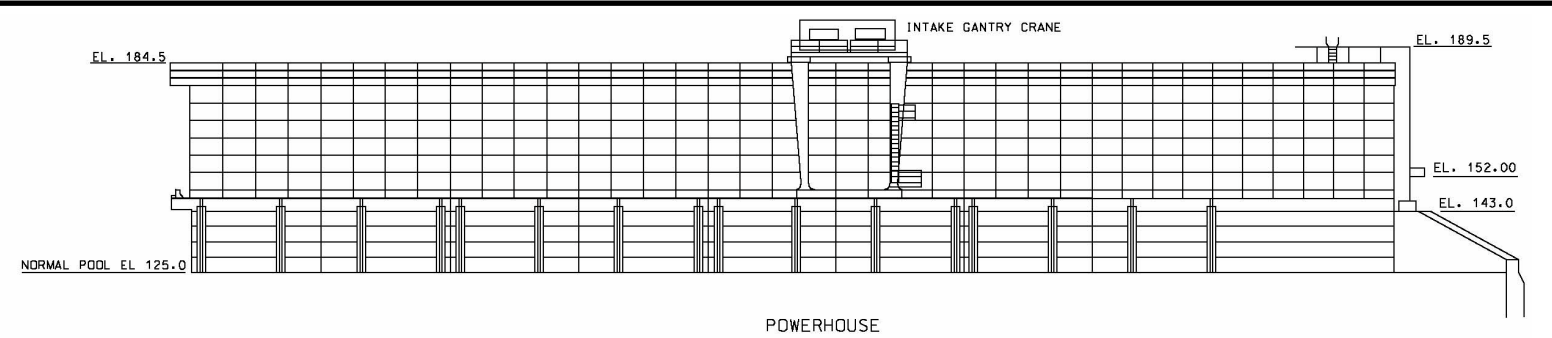
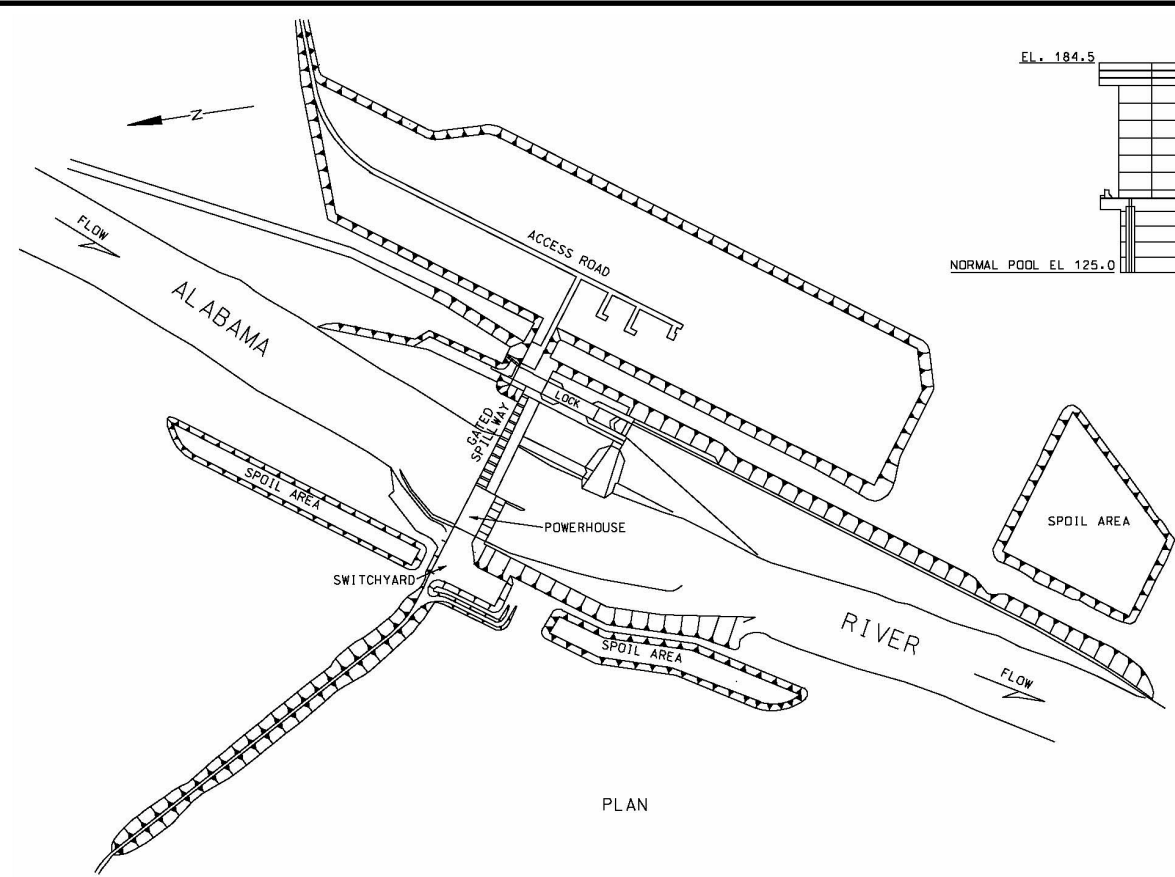
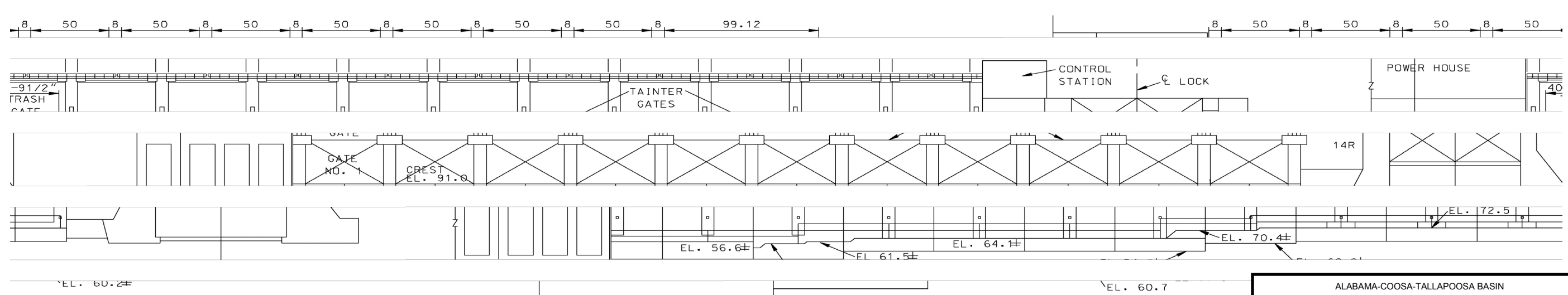
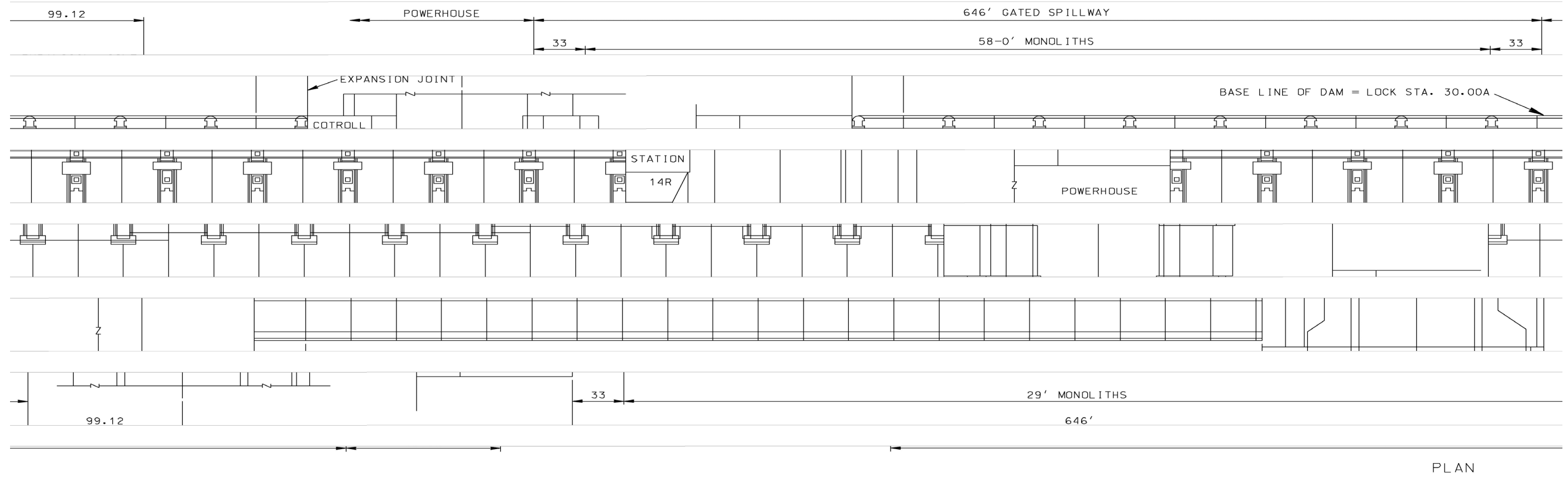


## **PLATES**





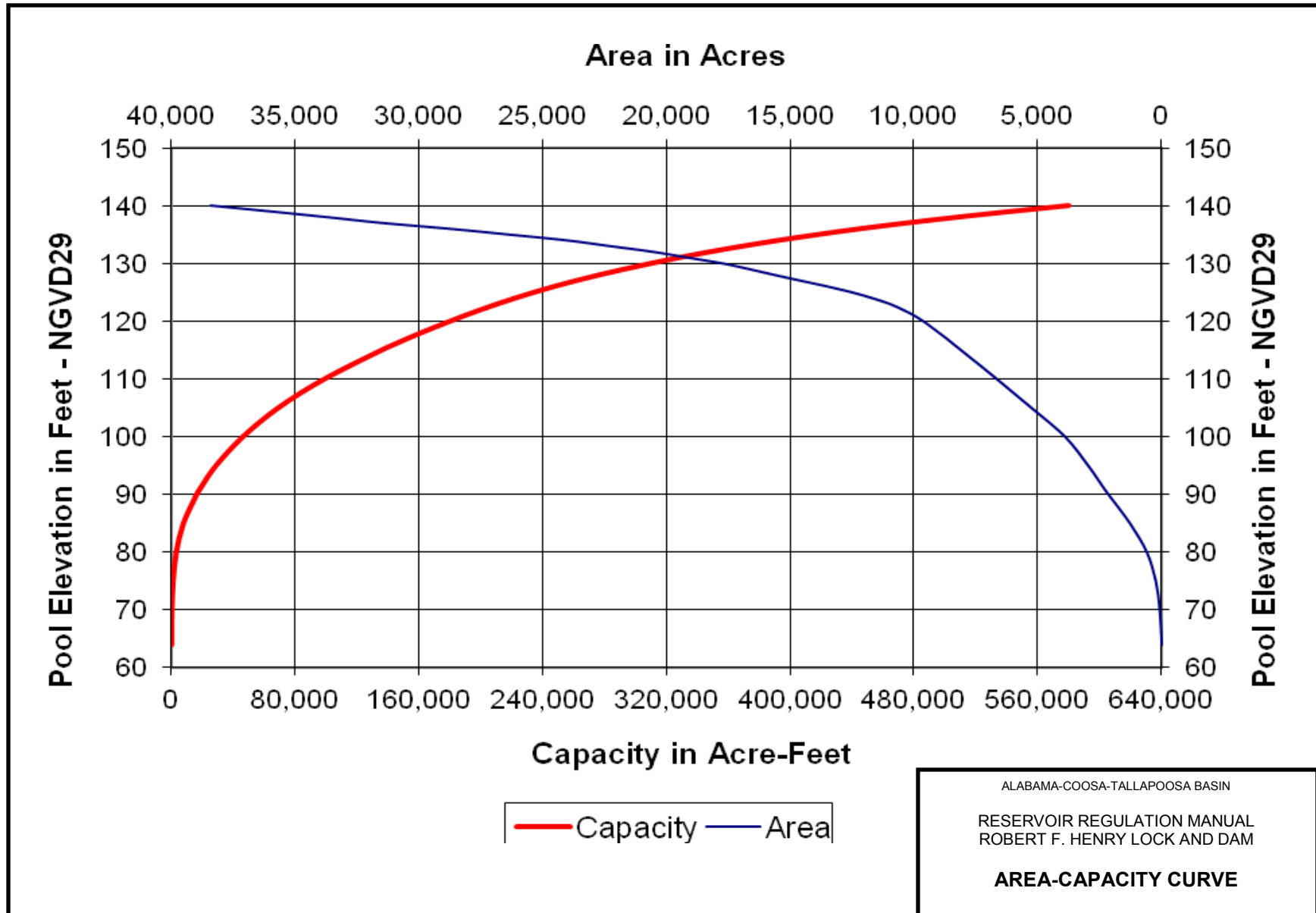
ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F HENRY LOCK AND DAM  
**PLAN AND SECTIONS**

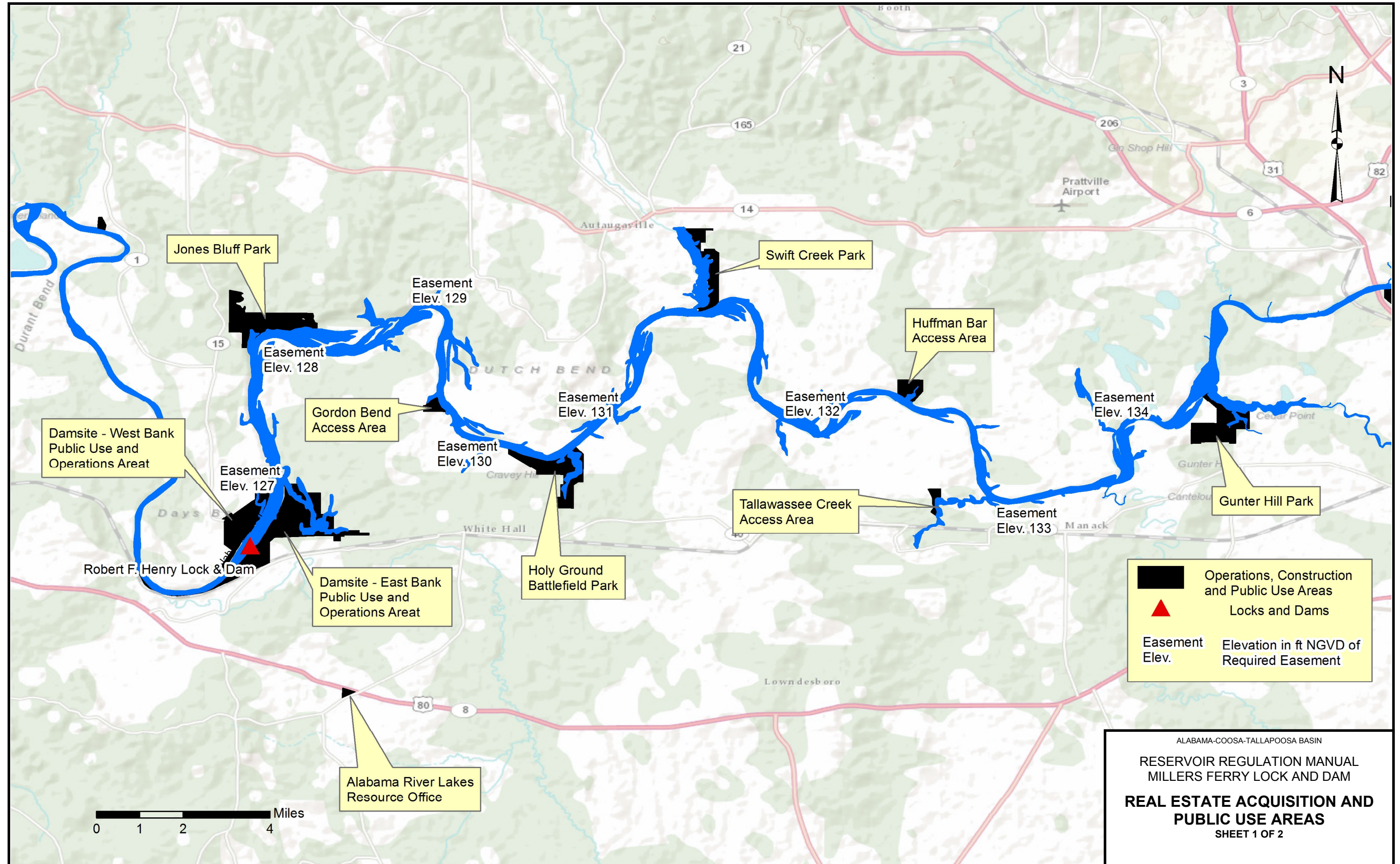


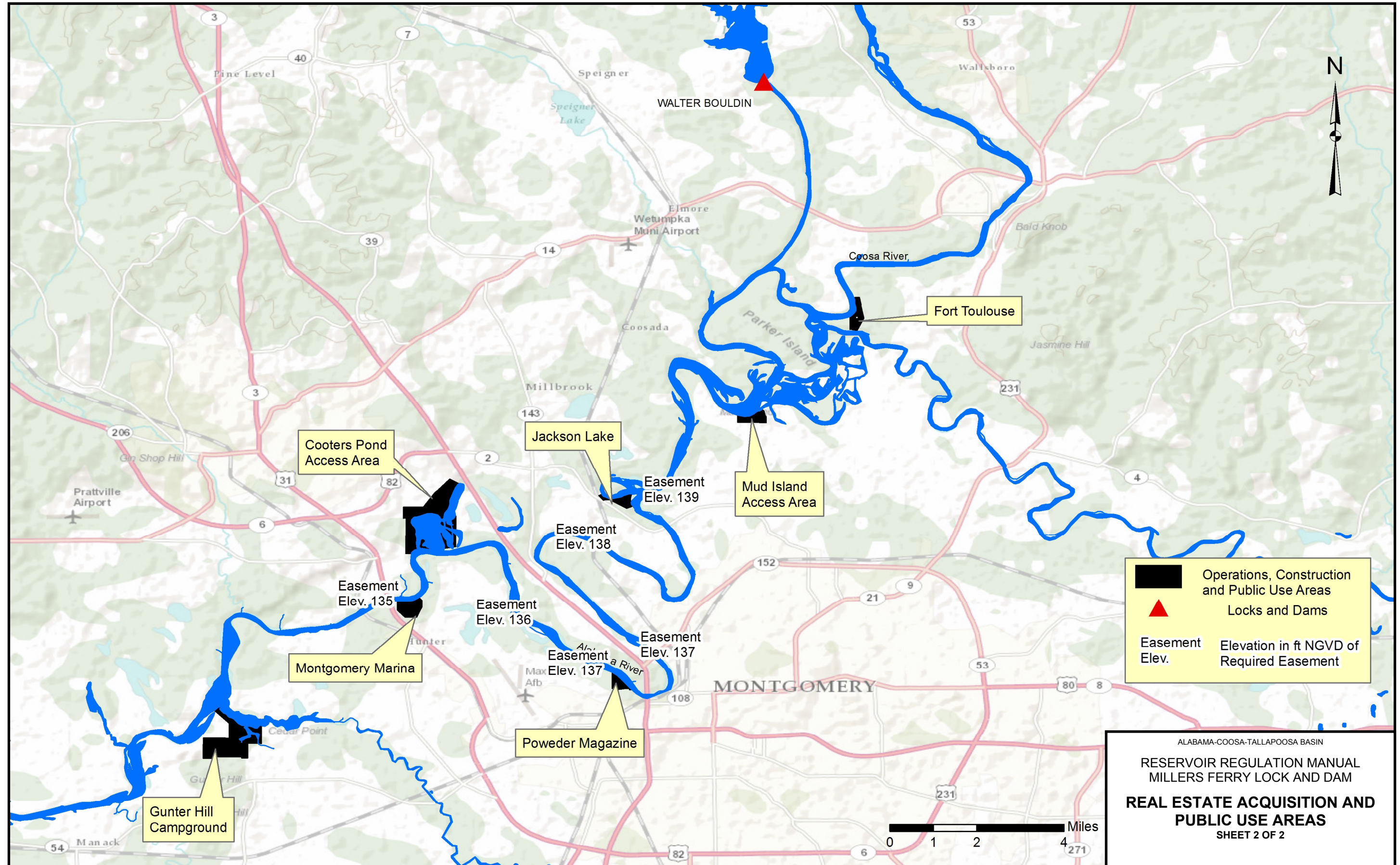
ION

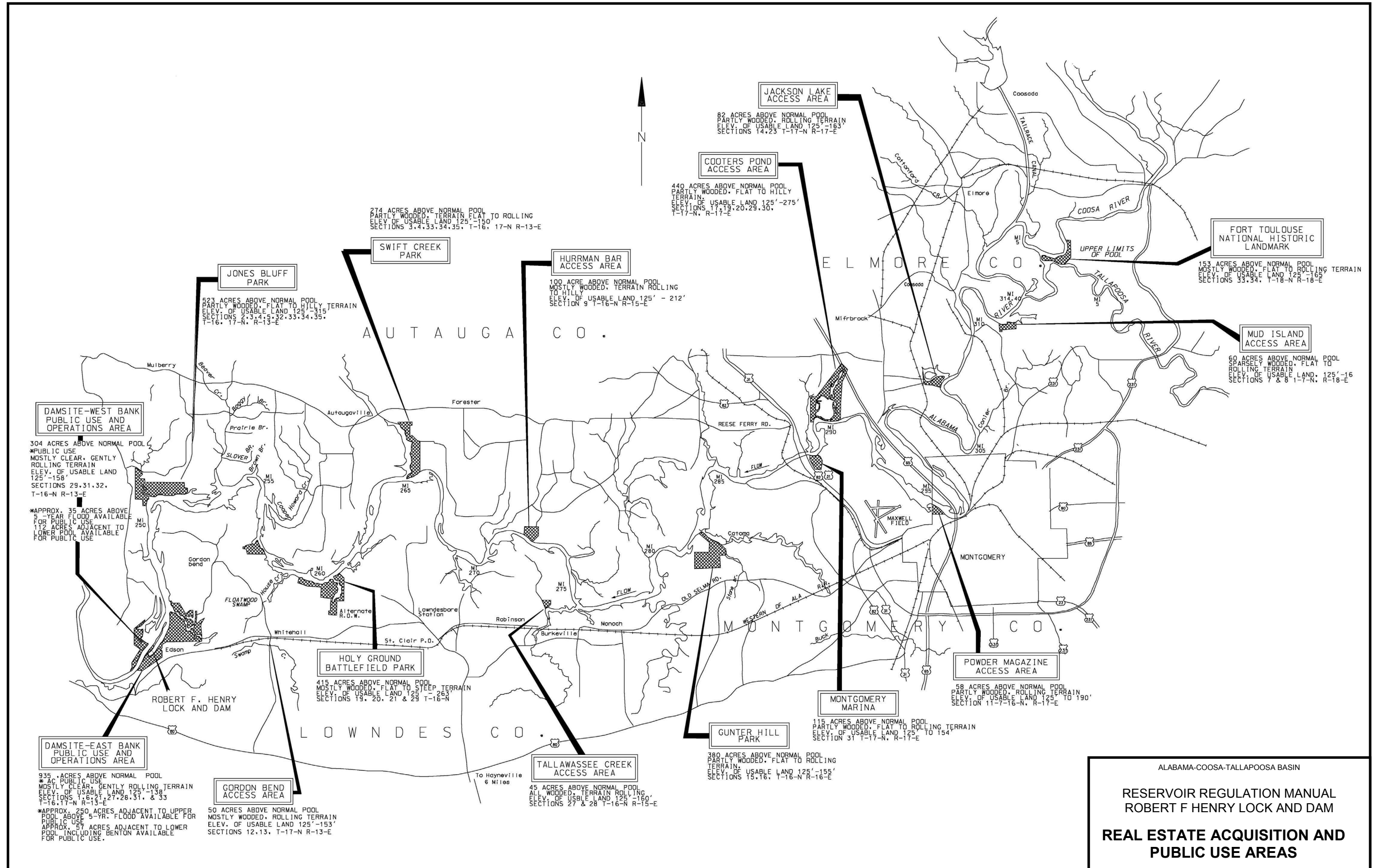
DRUM

ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F HENRY LOCK AND DAM  
**SPILLWAY ELEVATION AND  
 SECTIONS**

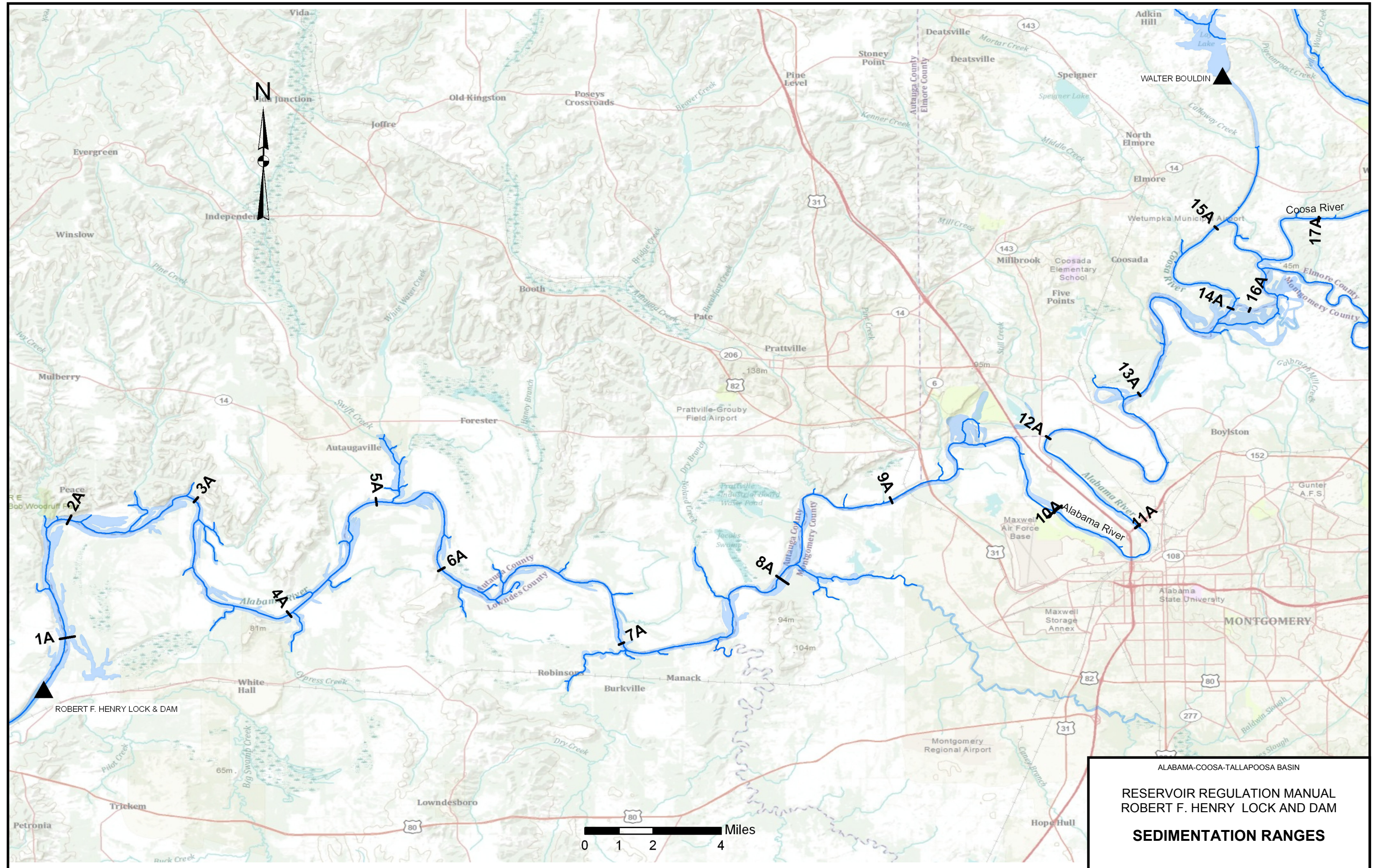












Station:( 097600) ROME,GA From Year=1893 To Year=2009 Temperature Averages and Daily Extremes							
	Monthly Averages			Daily Extremes			
	Max.	Min.	Mean	High	Date	Low	Date
	(F)	(F)	(F)	(F)		(F)	
January	52.5	31.7	42.1	84	1/1/1917	-9	1/21/1985
February	56.4	33.3	44.9	85	2/25/1930	-5	2/13/1899
March	65.2	40.1	52.7	92	3/22/1907	8	3/07/1899
April	74.1	47.7	60.9	95	4/24/1925	23	4/1/1987
May	81.4	56.1	68.8	103	5/30/1914	33	5/2/1963
June	87.7	64.2	75.9	107	6/28/1931	42	6/1/1930
July	90.1	67.9	79	109	7/20/1913	51	7/1/1923
August	89.5	67.2	78.3	105	8/16/2007	51	8/31/1946
September	84.7	61.1	72.9	107	9/5/1925	32	9/30/1967
October	75.2	48.6	62		10/31/1905	23	10/30/1910
November	63.2	38.8	51	87	11/2/1961	4	11/25/1950
December	54	33	43.6	80	12/7/1951	-2	12/25/1983
Annual	72.8	49.1	61	95.8	10/31/1905	-9	1/21/1985

Station:(017020) ROCKFORD 3 ESE From Year=1954 To Year=2009 Temperature Averages and Daily Extremes							
	Monthly Averages			Daily Extremes			
	Max.	Min.	Mean	High	Date	Low	Date
	(F)	(F)	(F)	(F)		(F)	
January	54.2	31.8	43.1	80	1/30/1957	-6	1/21/1985
February	58.7	34.3	46.5	82	2/14/1962	6	2/17/1958
March	67.2	41	54.1	87	3/14/1955	11	3/3/1980
April	75.7	48.7	62.2	90	4/18/1955	24	4/1/1987
May	81.9	56.3	69.1	98	5/20/1962	33	5/13/1960
June	87.7	63.2	75.4	102	6/6/1985	37	6/3/1956
July	89.6	66.8	78.2	103	7/13/1980	50	7/6/1972
August	89.3	66.1	77.7	107	8/7/1956	49	8/30/1968
September	84.9	61.4	73.1	101	9/4/1954	37	9/29/1967
October	75.7	49.9	62.8	98	10/5/1954	23	10/31/1954
November	65.8	40.8	53.3	87	11/1/1961	12	11/30/1976
December	57.2	34.2	45.7	79	12/13/1971	-4	12/13/1962
Annual	74	49.5	61.8	107	8/7/1956	-6	1/21/1985

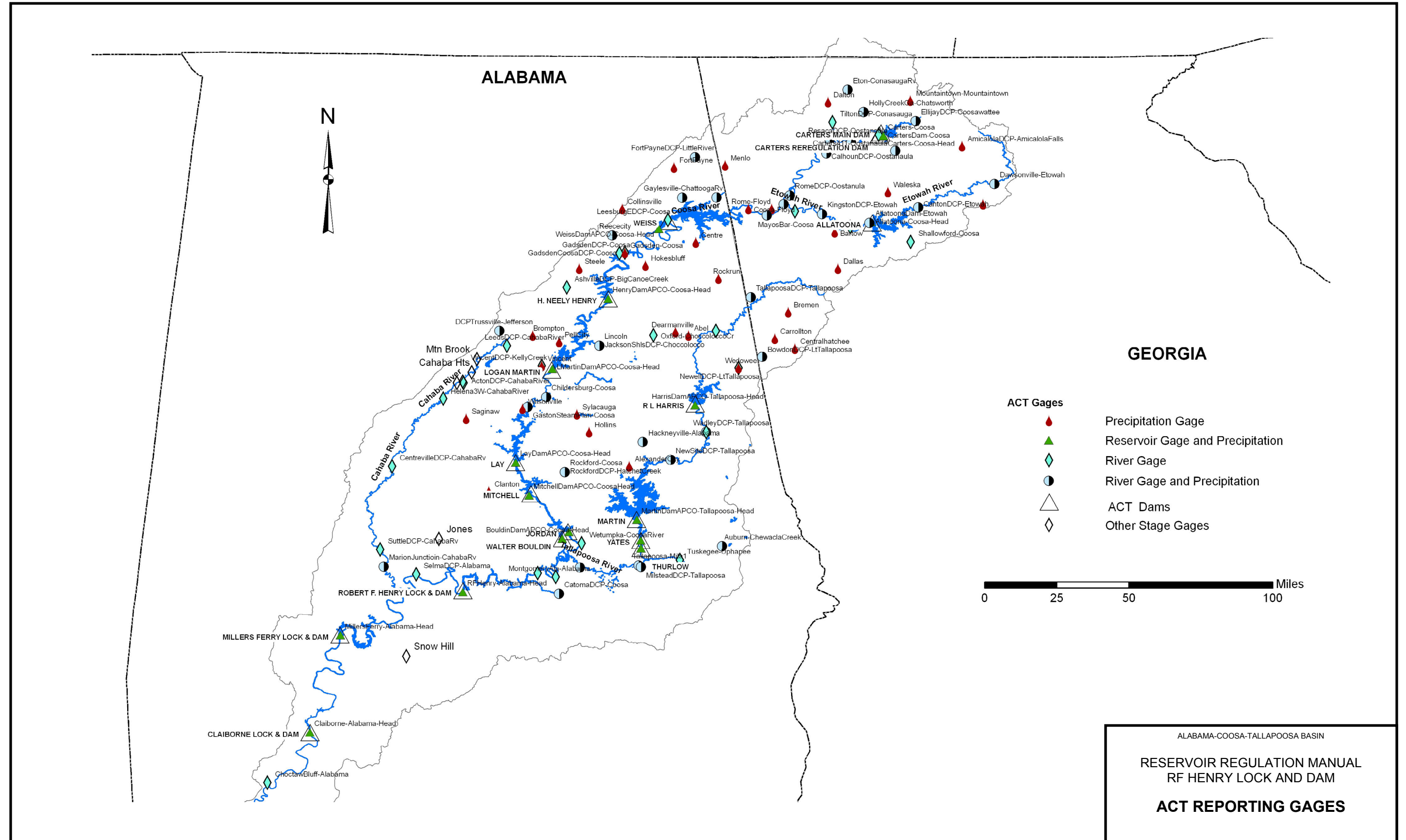
Station:(015439) MILSTEAD From Year=1902 To Year=2009 Temperature Averages and Daily Extremes							
	Monthly Averages			Daily Extremes			
	Max.	Min.	Mean	High	Date	Low	Date
	(F)	(F)	(F)	(F)		(F)	
January	57.2	34	45.6	80	1/22/1999	-3	1/21/1985
February	61.3	36.7	49	83	2/16/1989	9	2/5/1996
March	69.1	42.8	56	87	3/21/1982	15	3/3/1980
April	75.7	49.1	62.4	91	4/22/1987	27	4/1/1987
May	83.2	58.5	70.9	97	5/24/1996	41	5/1/1996
June	89	66.7	77.8	102	6/7/1985	45	6/1/1984
July	91.4	70.3	80.8	106	7/30/1986	57	7/2/2008
August	91.1	69.3	80.2	107	8/18/2007	56	8/29/1992
September	86.4	63.4	75.1	101	9/17/1980	38	9/22/1983
October	77.1	51.2	64.2	93	10/8/1990	28	10/29/2001
November	68.6	42.6	55.6	88	11/1/1984	21	11/30/1979
December	59.1	35.9	47.5	81	12/3/1982	7	12/24/1989
Annual	75.8	51.7	63.8	107	8/18/2007	-3	1/21/1985

Station:(091640) CARROLLTON From Year=1904 To Year=2009 Temperature Averages and Daily Extremes							
	Monthly Averages			Daily Extremes			
	Max.	Min.	Mean	High	Date	Low	Date
	(F)	(F)	(F)	(F)		(F)	
January	53.3	31.7	42.6	81	1/12/1949	-9	1/21/1985
February	57.2	33.7	45.5	80	2/16/1954	2	2/14/1905
March	65.5	39.9	52.7	93	3/12/1955	8	3/4/1943
April	74.1	47.3	60.7	92	4/24/1965	24	4/1/1987
May	81.1	55.6	68.3	97	5/21/1941	30	5/9/1984
June	86.7	63	74.9	101	6/19/1944	36	6/6/1974
July	88.8	66.8	77.8	103	7/13/1980	49	7/19/1999
August	88.1	65.9	77	102	8/21/1983	48	8/29/1968
September	82.9	60.2	71.6	100	9/1/1951	32	9/30/1967
October	73.8	48.2	61	97	10/5/1954	23	10/31/1954
November	64.1	38.9	51.4	86	11/2/1974	2	11/25/1950
December	55.3	33.2	44.2	81	12/21/1971	0	12/13/1962
Annual	72.6	48.7	60.6	103	7/13/1980	-9	1/21/1985

Station:(015121) MARION JUNCTION 2 NE From Year=1950 To Year=2009 Temperature Averages and Daily Extremes							
	Monthly Averages			Daily Extremes			
	Max.	Min.	Mean	High	Date	Low	Date
	(F)	(F)	(F)	(F)		(F)	
January	55.9	33.8	44.8	88	1/4/1965	-1	1/21/1985
February	60.2	36.7	48.5	85	2/13/1962	7	2/3/1951
March	67.9	43.5	55.7	87	3/25/1954	14	3/3/1980
April	75.9	50.8	63.3	92	4/19/2006	30	4/7/1950
May	83.1	59.4	71.3	97	5/31/1951	39	5/4/1971
June	89	66.6	77.8	104	6/28/1954	40	6/1/1984
July	91.4	69.7	80.5	108	7/25/1952	52	7/16/1967
August	90.9	69	79.9	106	8/28/1954	56	8/22/1956
September	86.2	63.4	74.8	102	9/5/1954	36	9/30/1967
October	76.9	51.2	64.1	99	10/5/1954	23	10/30/1952
November	67	41.3	54.1	89	11/2/1961	11	11/25/1950
December	58.4	35.4	46.9	83	12/9/1978	0	12/26/1983
Annual	75.2	51.7	63.5	108	7/25/1952	-1	1/21/1985

Station:(013154) GADSDEN STEAM PLANT From Year=1953 To Year=2009 Temperature Averages and Daily Extremes							
	Monthly Averages			Daily Extremes			
	Max.	Min.	Mean	High	Date	Low	Date
	(F)	(F)	(F)	(F)		(F)	
January	51.1	30.7	40.9	76	1/29/1975	-6	1/20/1985
February	56.1	33.7	44.9	82	2/13/1962	1	2/1/1966
March	65	40.6	52.8	88	3/11/1974	11	3/5/1960
April	74.4	48.9	61.7	91	4/18/1955	22	4/4/1987
May	81.3	57.3	69.3	99	5/24/1970	33	5/13/1960
June	87.4	65.1	76.2	102	6/27/1954	42	6/3/1956
July	90.3	69.1	79.7	103	7/1/1954	52	7/11/1963
August	90.1	68.1	79.1	105	8/16/1954	52	8/31/1954
September	84.5	62	73.2	102	9/3/1954	33	9/30/1967
October	74.5	49.6	62.1	96	10/5/1954	23	10/30/1954
November	63.6	40	51.8	87	11/1/2000	14	11/24/1970
December	54.7	33.4	44	78	12/3/1982	1	12/13/1962
Annual	72.7	49.9	61.3	105	8/16/1954	-6	1/20/1985

ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
ROBERT F HENRY LOCK AND DAM  
**BASIN TEMPERATURE AVERAGES AND EXTREMES**



Station:(097600) ROME From Year=1893 To Year=2009 Precipitation Averages and Daily Extremes							
	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year	Date	
	(in.)	(in.)		(in.)		(in.)	
January	4.99	12.42	1947	0.85	1981	4.65	1/16/1954
February	5.09	13.45	1903	0.74	1906	5.3	2//1921
March	5.97	17.98	1980	1.07	1918	6.22	3/26/1901
April	4.54	13.6	1979	0.3	1915	4.3	4/5/1957
May	3.98	11.33	2003	0.22	2007	2.99	5/3/1964
June	4.31	10.85	1989	0.23	1988	3.31	6/6/1930
July	4.84	14.76	1916	0.87	1960	4.05	7/12/1999
August	4.19	14.54	1992	0.49	1987	4.92	8/22/1992
September	3.51	11.33	1957	0	1897	4.95	9/25/1997
October	2.96	10.37	1995	0	1938	6.67	10/26/1997
November	3.74	16.26	1948	0.36	1924	5.58	11/19/1906
December	4.82	16.47	1932	0.58	1980	5.96	12/12/1961
Annual	52.93	77.65	1932	28.71	2007	6.67	10/26/1997

Station:(017020) ROCKFORD 3 ESE 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	5.3	13.8	1972	0.27	1986	4.7	1/26/1976
February	5.59	13.9	1961	1.73	1968	4.23	2/10/1981
March	6.62	13.81	1980	0.73	2007	7.04	3/16/1990
April	5.15	14.49	1964	0.26	1986	6	4/5/1957
May	4.31	10.38	1973	0.15	1965	3.68	5/8/1973
June	4.02	10.4	1989	0.1	1988	3.84	6/19/1989
July	5.98	12.85	1975	2.02	1983	4.45	7/29/2009
August	4.21	10.57	2008	0.42	1988	4.3	8/2/1984
September	4.1	14.78	1988	0.22	1987	6.36	9/16/1988
October	2.88	8.93	1970	0	1963	3.48	10/10/1970
November	4.12	10.37	1986	0.91	1969	4.7	11/15/2006
December	5.01	17.05	1961	1.05	1980	5.9	12/10/1961
Annual	57.3	86.01	1975	31.14	2007	7.04	3/16/1990

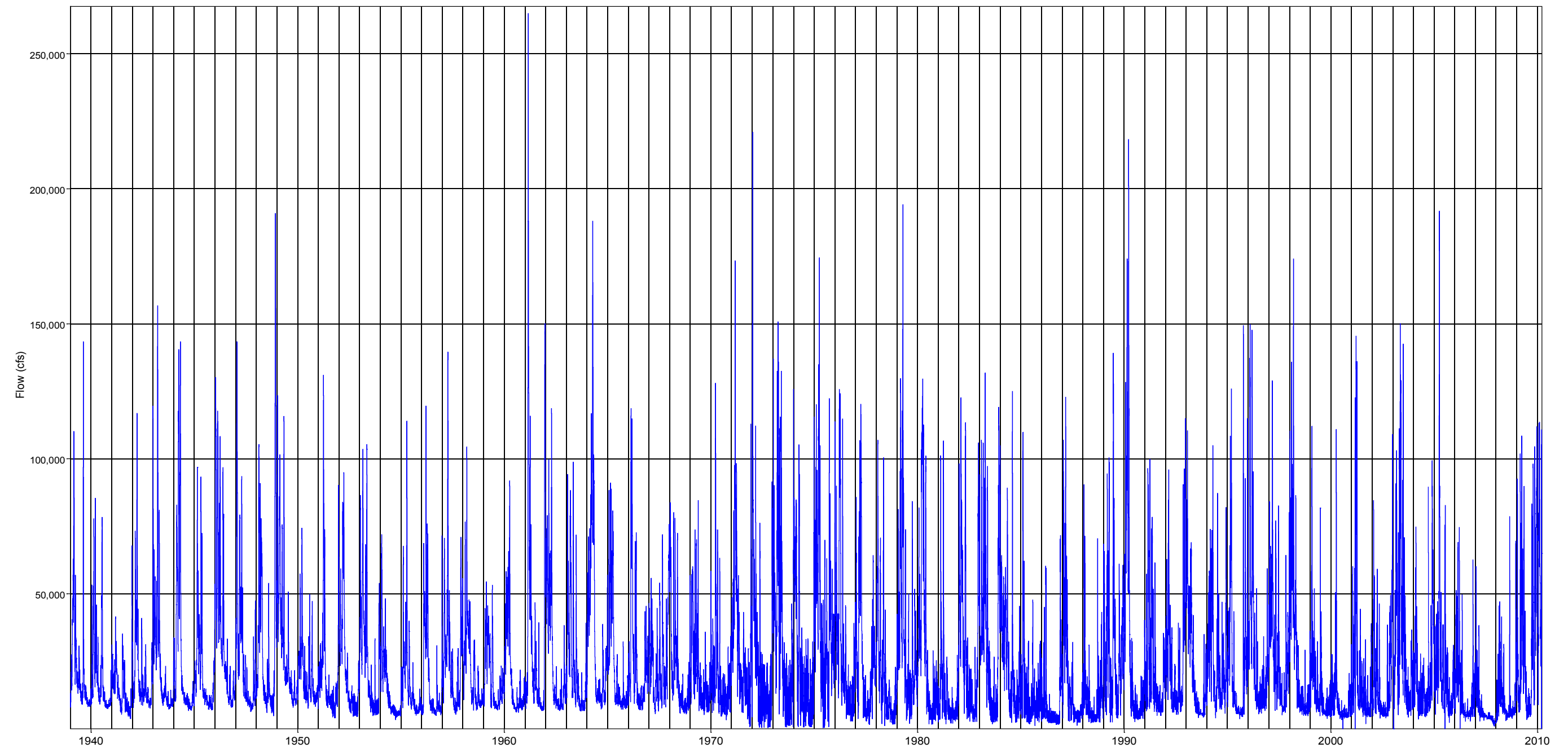
Station:(015439) MILSTEAD From Year=1902 To Year=2009 Precipitation Averages and Daily Extremes							
	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year	Date	
	(in.)	(in.)		(in.)		(in.)	
January	4.82	14.36	1936	0.48	1927	4.4	1/16/1925
February	5.11	18.39	1961	1.43	1938	9.27	2/25/1961
March	6.04	16.41	1929	0.51	2004	5.78	3/17/1990
April	4.62	18.4	1964	0.24	1986	5.54	4/8/1964
May	3.84	14.85	1978	0.12	1965	4.9	5/4/1978
June	3.85	14.37	1989	0.58	1925	4.34	6/5/1928
July	5.1	14.98	1916	1.43	1976	4.75	7/8/1996
August	4.12	17.13	1961	0.36	1980	10.98	8/31/1961
September	3.57	9.78	1998	0.2	1908	5.7	9/25/1956
October	2.6	13.16	1995	0	1904	6.6	10/5/1995
November	3.74	20.71	1948	0.18	1924	9.33	11/27/1948
December	4.92	12.81	1953	1.08	1955	5.58	12/4/1953
Annual	52.32	83.6	1919	29.76	1954	10.98	8/31/1961

Station:(091640) CARROLLTON 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	4.75	13.11	1972	0.84	1981	3.96	5/27/1996
February	4.91	11.85	1961	0.73	1978	5.65	2/3/1982
March	5.82	14	1976	0.6	1907	5.34	3/16/1956
April	4.43	13.71	1979	0.14	1986	4.55	4/5/1957
May	4.11	11.37	2003	0.58	1941	6.23	5/27/1981
June	3.94	10.13	2003	0.24	2009	4.65	6/1/1979
July	4.88	13.66	2005	0.18	1952	4.8	7/21/1958
August	3.5	10.28	1960	0.26	1968	4.5	8/17/1939
September	3.53	12.47	2002	0	1904	5.58	9/22/2002
October	2.86	11.04	1995	0	1904	4.52	10/5/1995
November	3.98	18.41	1948	0.48	1939	4.72	11/15/2006
December	4.57	13.28	1961	0.8	1979	3.47	12/31/1973
Annual	51.28	67.8	1982	30.48	207	6.23	5/27/1981

Station:(015121) MARION JUNCTION 2 NE From Year=1950 To Year=2009 Precipitation Averages and Daily Extremes							
	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year	Date	
	(in.)	(in.)		(in.)		(in.)	
January	5.04	12.4	1972	1.44	1954	4.55	1/25/1990
February	4.83	14.54	1961	0.88	1950	4.4	2/25/2001
March	5.98	12.98	1976	0.9	2004	6.4	3/16/1990
April	4.87	13.21	1964	0.24	1986	7.63	4/6/1964
May	3.78	8.54	1978	0.11	2007	4	5/28/1997
June	4.28	12.47	1997	0.72	1986	4.68	6/30/1997
July	4.93	13.27	2005	0.37	1951	4.37	7/12/2005
August	3.76	10.42	2008	0.19	1957	3.79	8/2/2009
September	3.66	9.12	2002	0.17	2008	4.9	9/14/1963
October	2.84	9.1	1959	0	1963	4.32	10/5/1995
November	3.93	13.15	1986	0.69	1950	5.15	11/15/2006
December	5.14	17.15	1961	0.98	1980	4.82	12/10/1961
Annual	53.04	76.31	61	27.43	54	7.63	4/6/1964

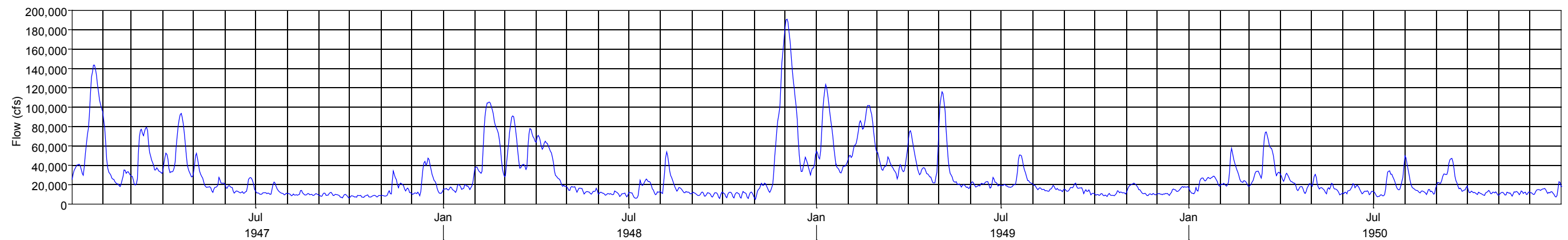
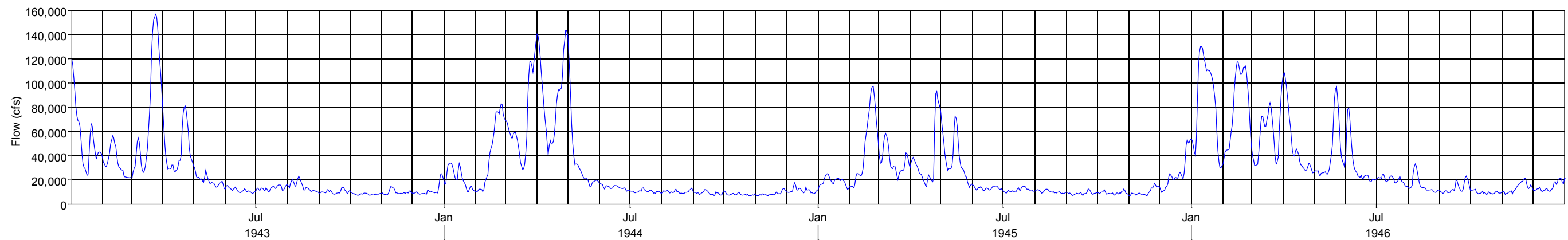
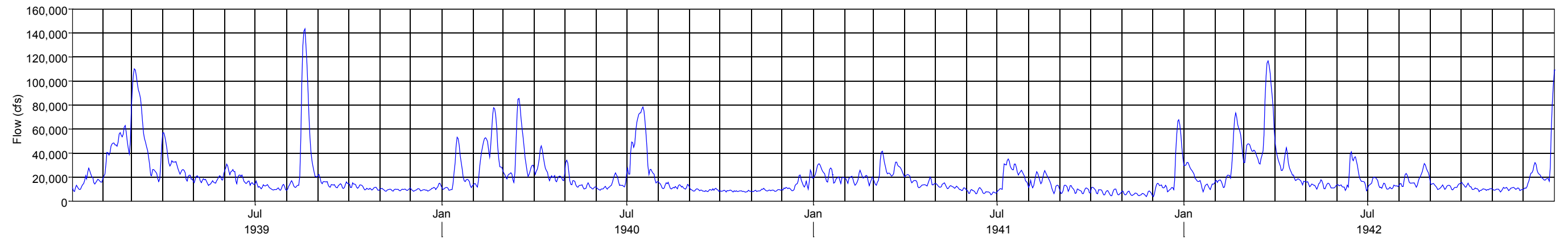
Station:(013154) GADSDEN STEAM PLANT From Year=1953 To Year=2009 Precipitation Averages and Daily Extremes							
	Monthly Averages					1 Day Maximum	
	Mean	High	Year	Low	Year	Date	
	(in.)	(in.)		(in.)		(in.)	
January	5.26	9.01	1996	1.14	2005	5.2	1/6/2009
February	4.83	13.54	1961	0.62	1968	4.75	2/21/1961
March	5.84	17.41	1980	0.93	2006	4.98	3/4/1979
April	5.13	12.65	1979	0.57	1986	4.6	4/13/1979
May	4.62	11.11	2009	0.48	2007	3.5	5/1/2009
June	4.12	10.3	1994	0.13	1988	3.1	6/25/1999
July	4.88	14.73	2005	1.01	1960	3.36	7/9/1958
August	3.58	9.52	1992	0.1	1983	3.63	8/26/2008
September	3.6	9.55	1957	0.02	1954	5.1	9/16/2004
October	3.03	9	1995	0	1963	4.98	10/26/1997
November	4.42	14.38	2004	1.3	1981	5.6	11/24/2004
December	4.73	13.05	1961	0.43	1980	5.85	12/12/1961
Annual	54.04	69.71	1979	36.56	1954	5.85	12/12/1961

ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F HENRY LOCK AND DAM  
**ACT BASIN PRECIPITATION  
 EXTREMES**



— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM  
**AVERAGE DAILY DISCHARGE  
HYDROGRAPH**  
1939 THROUGH 2009

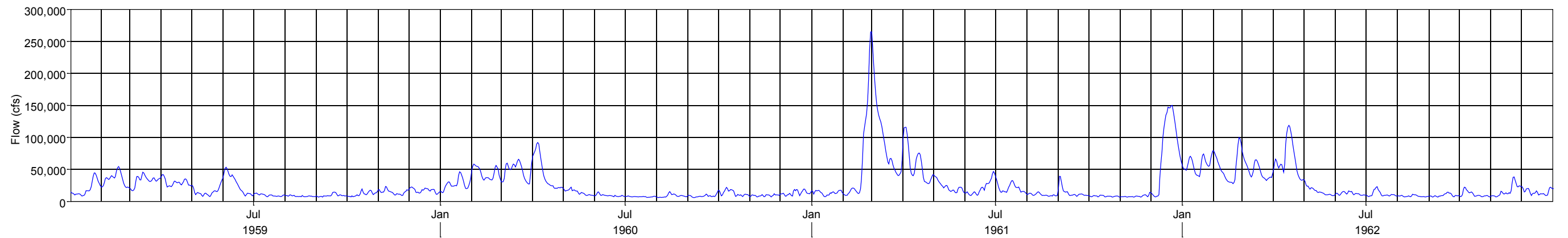
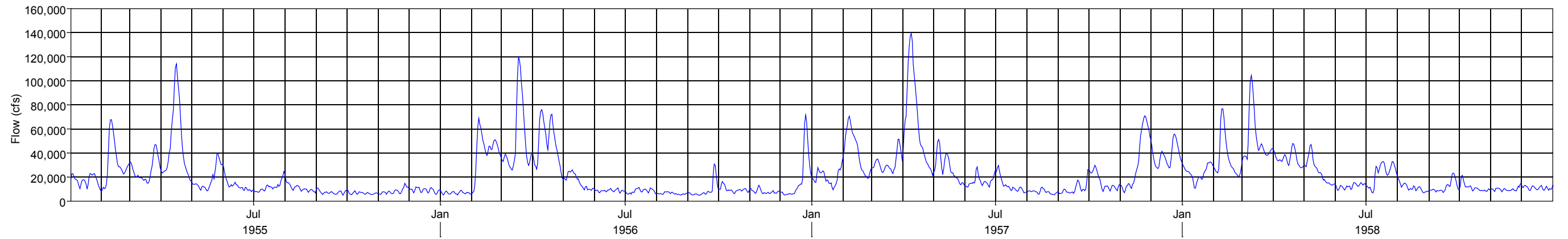
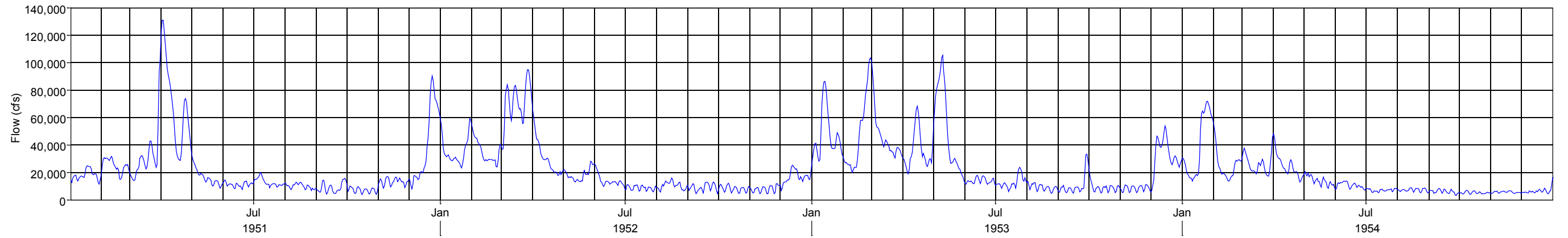


— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM

**AVERAGE DAILYDISCHARGE  
HYDROGRAPHS**

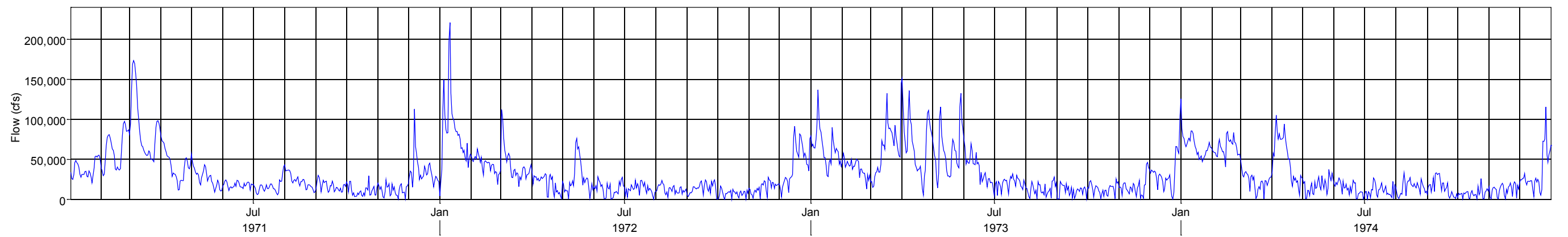
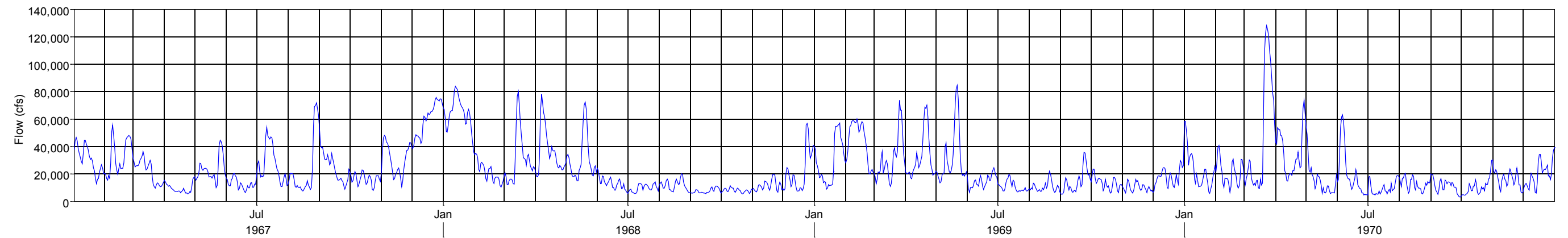
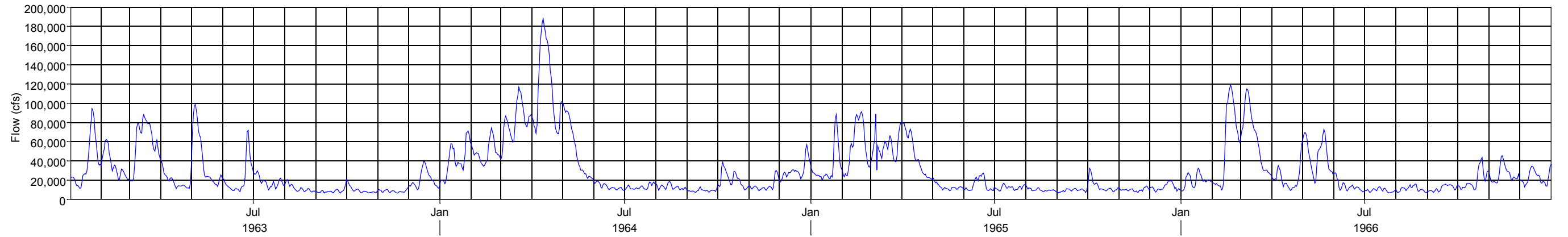


— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM

**AVERAGE DAILY DISCHARGE  
HYDROGRAPHS**



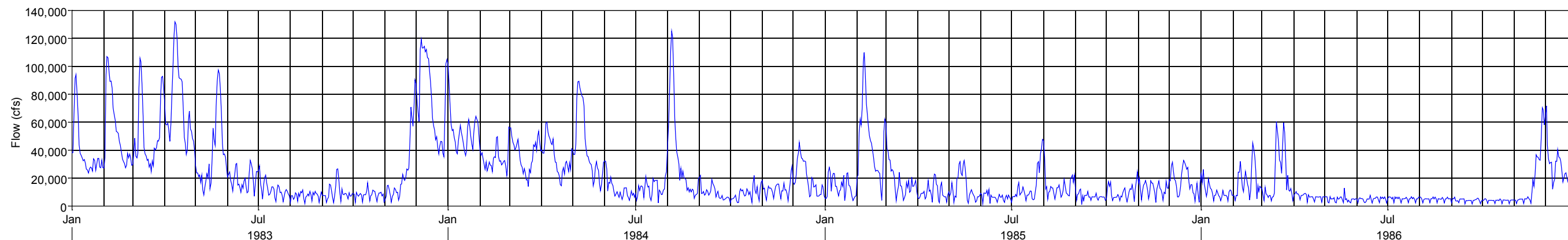
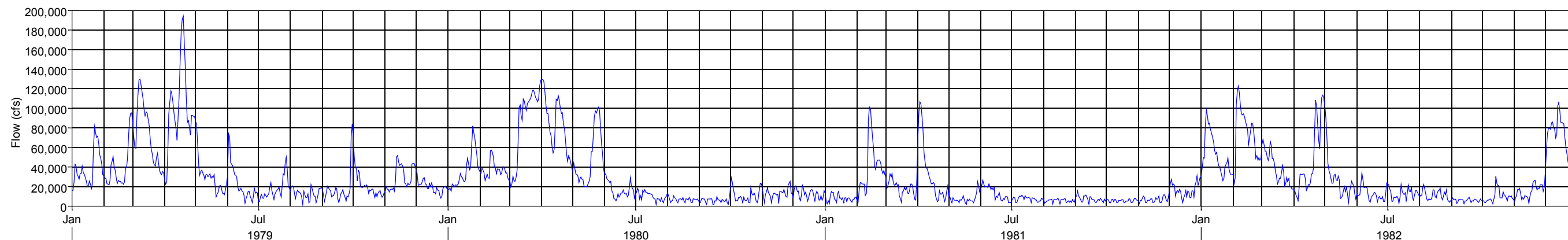
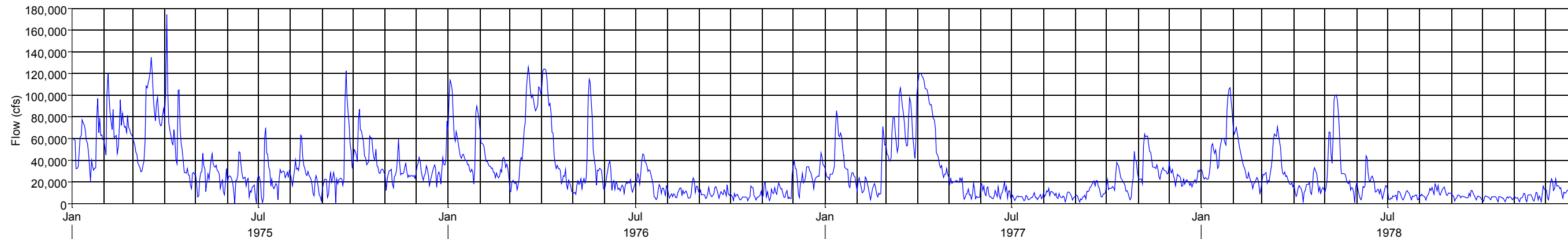
— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM

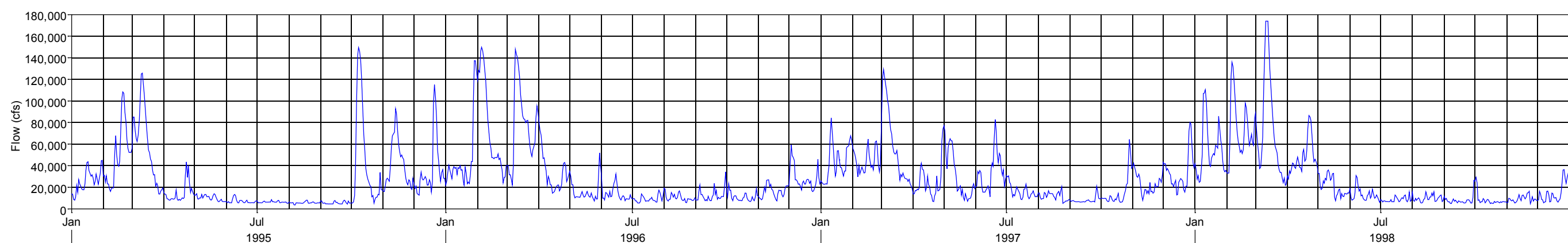
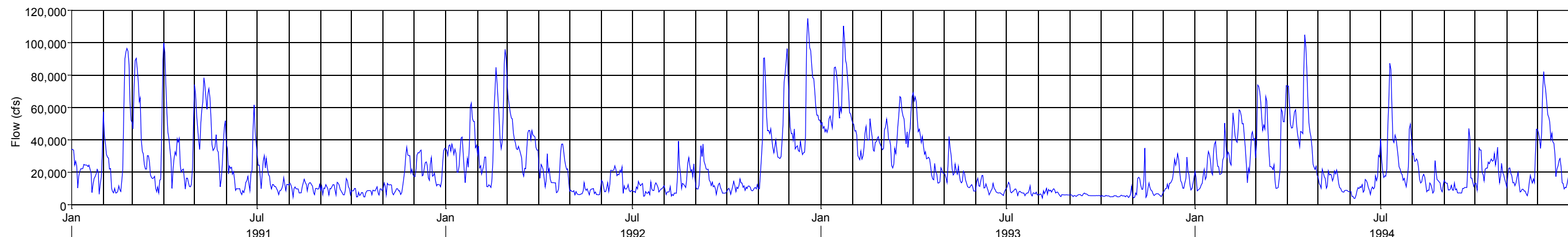
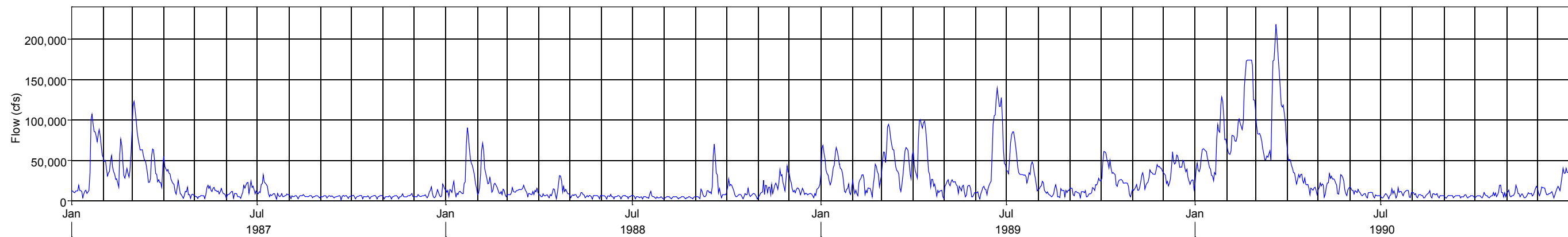
**AVERAGE DAILY DISCHARGE  
HYDROGRAPHS**





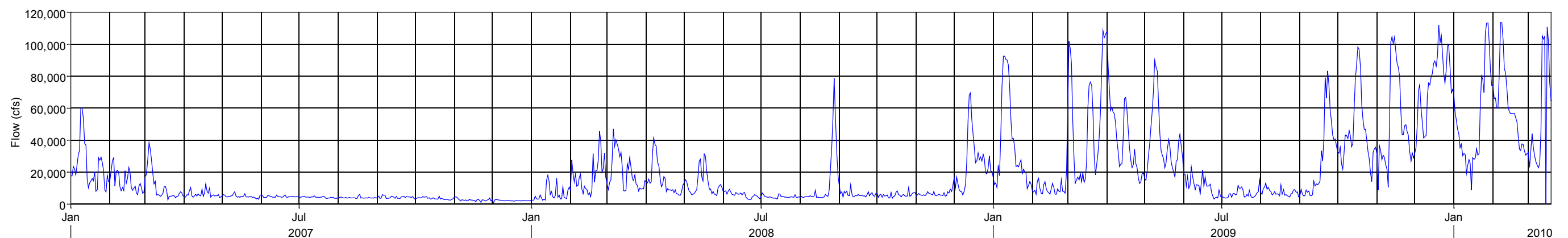
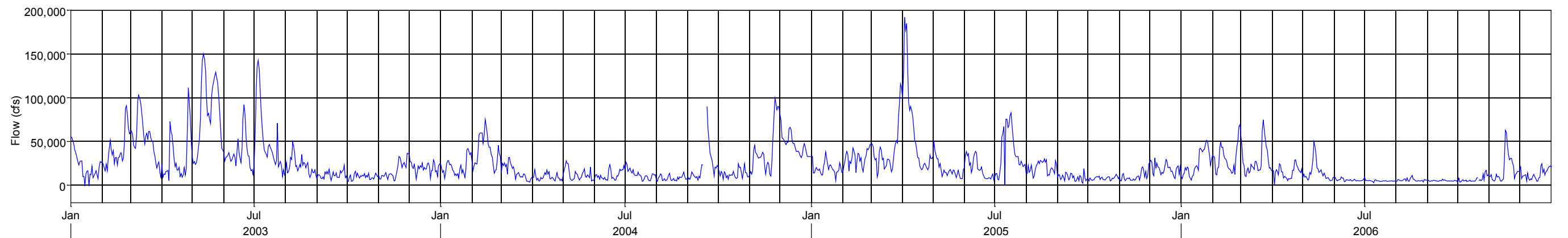
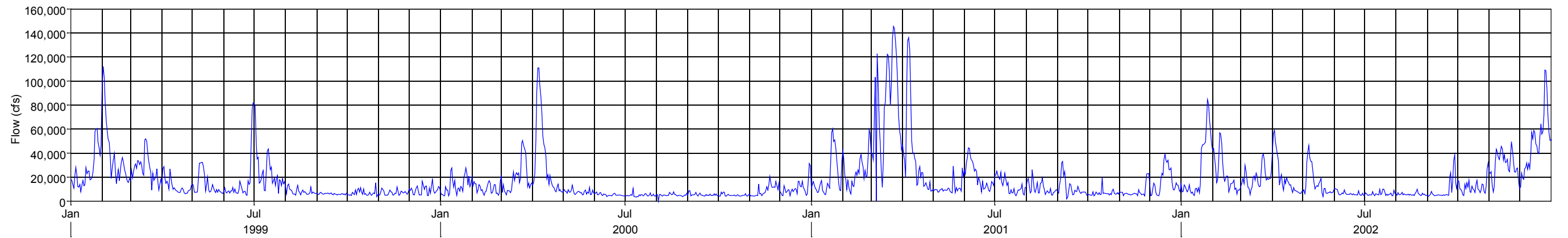
— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM  
**AVERAGE DAILY DISCHARGE  
HYDROGRAPHS**



— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM  
**AVERAGE DAILY DISCHARGE  
HYDROGRAPHS**



— MEAN FLOW AT RF HENRY)

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL  
R F HENRY LOCK AND DAM

**AVERAGE DAILY DISCHARGE  
HYDROGRAPHS**

RF Henry Damsite Flow Summary Data

Year	Mean Monthly Discharge (cfs)												Ave	Min	Max	Min	Max
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Mean	Mean		
1939	15996	47499	54840	29244	17739	19868	11401	45770	14174	11385	9513	10099	23961	9513	54840	7967	143386
1940	20608	41559	36191	24838	15190	13851	43677	12246	9080	8270	8893	14095	20708	8270	43677	7407	85462
1941	21963	18571	25562	15874	11676	7726	22868	15980	9396	7847	6043	22813	15526	6043	25562	3741	67800
1942	18489	33934	58923	25597	13208	19968	13545	19004	12133	10864	9959	28794	22035	9959	58923	7540	116798
1943	55155	34161	76395	43867	19280	11483	13251	14488	10281	8249	9863	11658	25678	8249	76395	7131	156680
1944	21123	44499	71583	90837	33713	13775	10497	10366	9225	7996	8670	11360	27804	7996	90837	6723	143386
1945	18869	48510	35851	38698	36378	13098	11561	10288	8950	9271	10239	26273	22332	8950	48510	6856	96857
1946	83618	82325	60197	47267	42452	31912	19963	15549	13458	9629	13679	14498	36212	9629	83618	7834	130092
1947	77360	33523	47405	51954	24854	16418	12681	10113	9145	8148	16270	23067	27578	8148	77360	6324	143386
1948	17867	66902	60418	44155	14124	10586	15419	20970	10133	9883	52001	82641	33758	9883	82641	4795	190865
1949	64198	74610	40329	41167	42379	20793	26888	15558	14718	10281	13954	13480	31530	10281	74610	7815	123445
1950	21442	28901	41447	20853	16841	14174	20112	17365	26351	11538	11333	13338	20308	11333	41447	7321	74447
1951	18002	25164	35260	67692	16280	11273	12893	9967	9056	7194	13504	40859	22262	7194	67692	3912	131041
1952	35995	34735	71665	29889	18639	13723	8819	10555	9038	8283	8060	17189	22216	8060	71665	4435	94958
1953	47819	49788	44213	36866	50358	14013	12953	9109	11094	8853	8470	33386	27243	8470	50358	4862	105403
1954	39800	24435	26888	24009	13860	10818	7107	7221	6078	5301	5712	6609	14820	5301	39800	3333	71978
1955	17064	32984	25917	48802	18757	12552	12157	10738	7309	6573	8350	9065	17522	6573	48802	4938	113949
1956	6790	43232	51541	48406	16215	8668	8336	6344	9258	9720	7915	19099	19627	6344	51541	4767	119647
1957	20444	41235	32053	66730	27228	16801	13044	7662	10624	15928	33626	37870	26937	7662	66730	5261	139588
1958	23562	36566	52024	35207	24521	12444	22838	11031	11901	11212	9955	10992	21854	9955	52024	6837	104453
1959	19916	34877	33183	29456	15822	26507	9692	8268	9411	11914	14612	17157	19235	8268	34877	6837	54506
1960	27945	44070	48603	41984	14036	9345	7395	8824	8734	12835	9291	13414	17578	7395	48603	6039	91919
1961	13451	69730	95206	57693	22481	21658	20315	10761	13918	8150	8330	82638	23487	8340	58660	6704	264932
1962	58252	53800	47963	65790	15568	12236	11650	8325	9475	11192	16921	14934	23466	8287	58833	6751	118697
1963	38008	35507	60381	18827	40504	22425	18201	11375	8889	9366	8660	20572	23591	8287	59522	6476	98756
1964	41619	48942	82543	118061	50036	13177	13028	12692	9300	20679	14416	30757	23958	8389	61066	7293	188016
1965	34393	55974	55982	44763	12738	15357	12268	9749	9547	13774	10015	12711	24045	8318	61163	7093	91159
1966	19928	58728	62035	22326	45270	13475	9427	10741	11811	20376	25882	22897	23971	8321	60471	6884	118697
1967	30677	32855	21678	9437	23409	12830	27369	24607	24097	16426	30931	60234	23797	8336	59090	5489	75776
1968	63419	20953	31508	37280	31256	12868	9973	11840	7712	8127	11648	22546	23863	8308	59571	5479	83848
1969	28519	44118	31183	32624	32188	14672	10765	10606	14905	13374	10121	19372	23302	8248	58478	5242	84512
1970	21989	21010	49052	36157	14658	20426	9910	12711	11079	11153	16016	20180	23108	8252	57620	3297	128040
1971	37674	63166	89526	41872	26159	18130	16700	22192	16973	10777	11798	34607	22624	8178	56483	661	173363
1972	85636	43374	43127	19767	26522	13469	13244	12416	14028	7860	15079	46045	22219	8083	55659	349	220953
1973	63859	38574	67474	67703	61114	36338	20472	12267	11246	13046	16702	35188	22306	7935	56305	637	150702
1974	66290	64493	22681	51655	17723	13785	11104	15141	15086	7945	12258	34589	22308	7969	55787	663	115576
1975	54531	72490	74956	54457	25711	20762	25701	26152	35419	46344	28376	32785	22312	7965	55066	289	174497

ALABAMA-COOSA-TALLAPOOSA BASIN

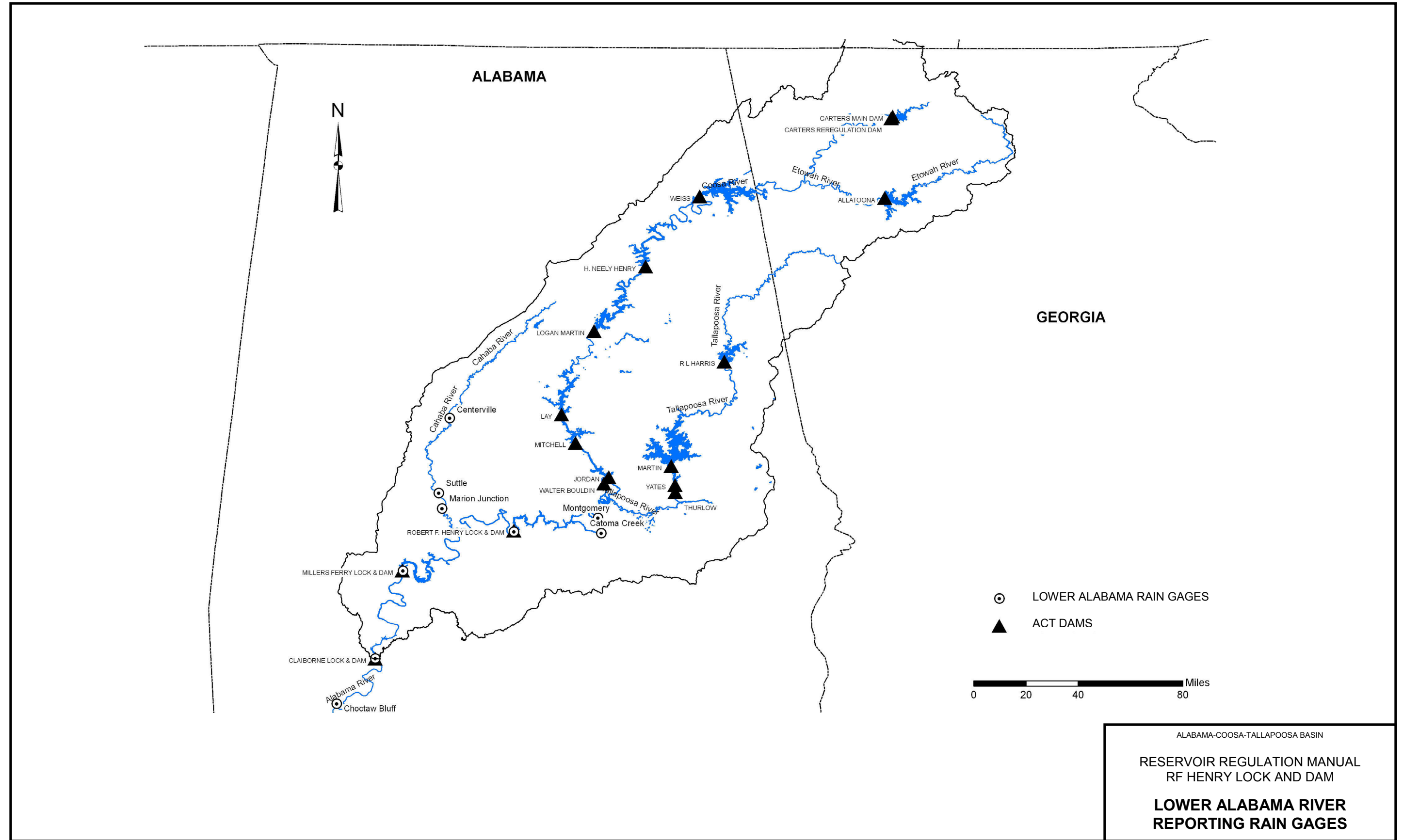
RESERVOIR REGULATION MANUAL  
ROBERT F HENRY LOCK AND DAM

**MONTHLY AND DAILY FLOW DATA**

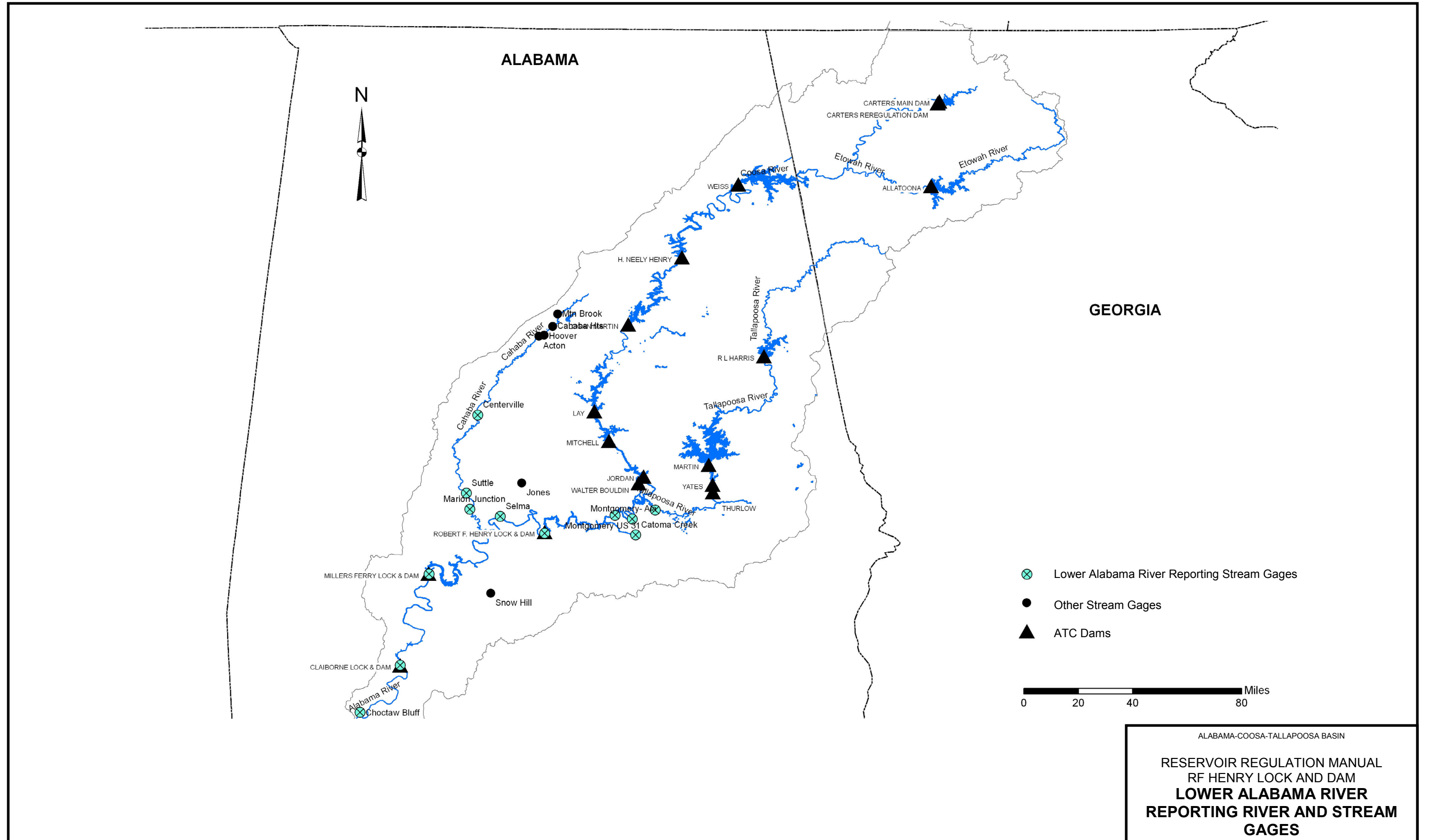
RF Henry Damsite Flow Summary Data

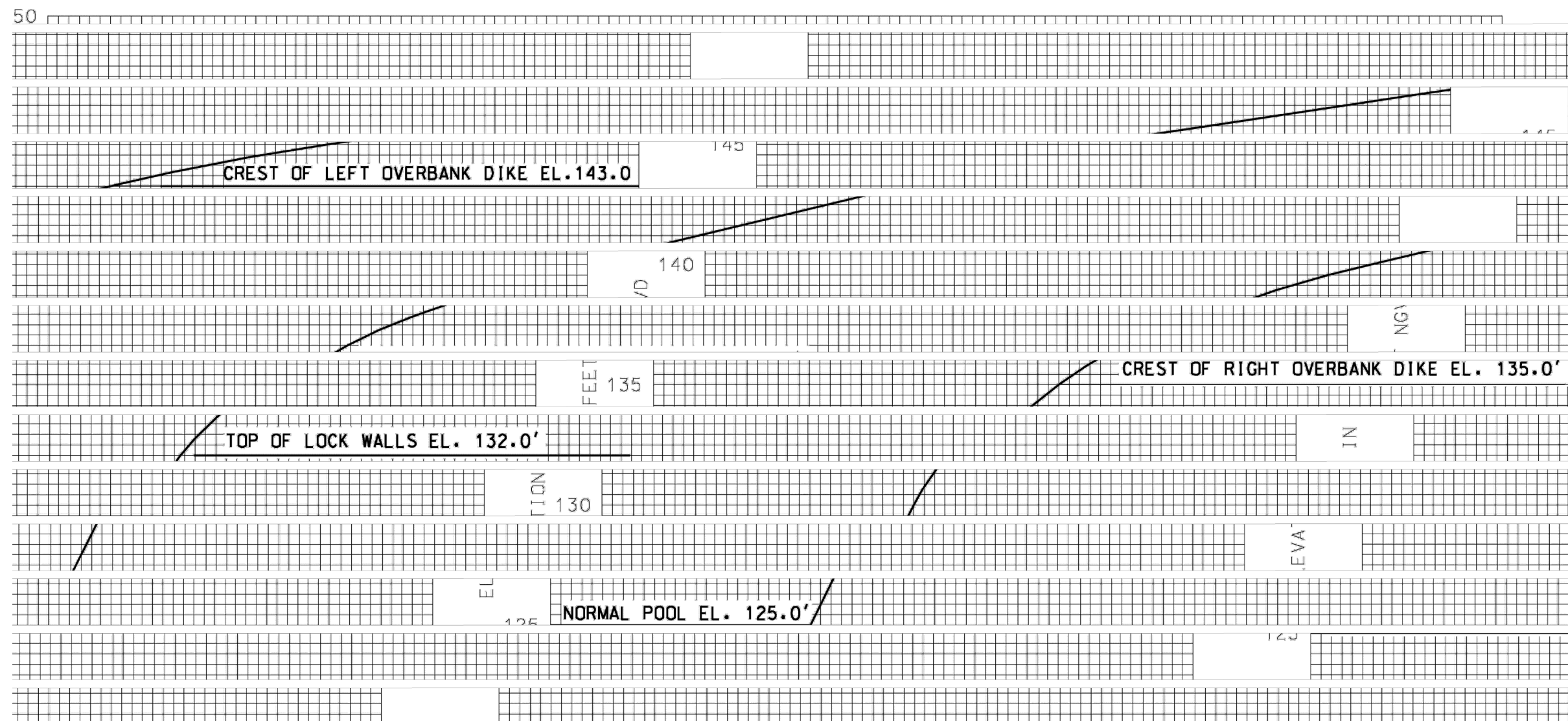
Year	Mean Monthly Discharge (cfs)												Ave	Min	Max	Min	Max
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean Monthly	Mean Monthly	Mean Monthly		
1977	58293	35275	68404	52736	35726	19082	21712	10607	9613	7004	11619	27206	22088	7942	55280	2741	125748
1978	36989	21521	69638	71182	13832	10227	5883	7856	11073	21145	36866	23021	22418	8062	55983	1483	120205
1979	52948	33102	34425	15270	40289	16100	6986	10430	6558	5241	6732	13638	22641	8129	56310	1038	106931
1980	38811	41191	71396	103079	28555	21948	17679	12885	18590	19857	29914	19451	22778	8210	56526	1871	194130
1981	36332	36718	89236	81159	48553	15985	10340	6507	6036	11043	12756	12467	22589	8235	56063	1657	129580
1982	7681	41646	20453	32986	8016	13010	7415	5588	7192	5515	6911	17071	22622	8157	56246	1735	106698
1983	52573	75315	37471	49540	24771	13266	12152	11153	5914	9749	15714	68886	22776	8152	57217	2507	122696
1984	38652	55013	53233	70686	37742	19129	11385	7487	9811	7929	26912	77552	23012	8187	57609	1737	131798
1985	52054	33839	36742	35253	42568	11380	13749	35672	8965	9351	12366	19530	22991	8180	57561	2227	125081
1986	14207	48176	17244	9993	13224	6398	15312	13054	6698	10184	12501	17711	22969	8175	57504	1152	109878
1987	10075	17984	20810	6801	4926	4822	5256	4832	4122	3917	20637	27080	22941	8170	57412	1463	71673
1988	41534	42313	54395	17211	9998	11779	10743	5550	5349	5359	5506	8590	22894	8160	57246	1162	122946
1989	25926	22480	11406	11201	6134	5418	4778	4303	15513	9553	19826	12859	22842	8152	57068	2174	90417
1990	35099	21243	52866	42791	16500	53837	42356	11983	12958	30674	28717	35812	22791	8145	56913	2383	139177
1991	62514	112455	105496	25815	19881	8942	8667	6966	5558	7767	9222	17860	22745	8136	56814	2578	218355
1992	22135	36677	39848	32001	46882	19873	15268	10525	10049	7957	15242	22437	22694	8128	56689	4831	99896
1993	34864	42235	38781	19557	8226	14396	9850	14631	15355	10682	49969	56644	22667	8123	56607	5207	115000
1994	64255	38953	45453	31262	17909	10209	8054	7130	5826	5529	9487	16642	22647	8117	56561	4128	110372
1995	23501	38913	43434	49563	13840	12484	33684	16110	13349	22569	16341	36159	22648	8114	56565	3933	104870
1996	26391	50453	57594	14764	9992	7083	6251	5665	5536	45455	42056	36176	22667	8115	56606	3618	149436
1997	48461	73305	79036	31918	16347	13348	9449	10127	12887	10999	16556	28403	22684	8124	56620	5430	149710
1998	44750	44983	55965	26215	29400	34240	15870	11614	8107	16505	23190	34119	22701	8131	56657	5026	129025
1999	54817	76183	72976	48214	20521	12981	8761	9674	8252	7923	9333	15078	22718	8138	56730	4758	174000
2000	28494	37478	26651	12309	13595	17585	23588	7847	5992	6758	7168	9322	22747	8147	56796	3785	112159
2001	13229	10978	19443	35139	7640	5251	4897	4976	5349	5026	9075	11022	22762	8151	56833	0	110870
2002	21227	24861	80284	37996	11543	21005	12758	10761	11161	6728	8382	16557	22767	8152	56856	0	145514
2003	27692	21809	20108	18891	15655	6315	6165	5706	9666	12287	30381	49321	22767	8149	56871	3825	109126
2004	21678	40584	52227	32452	83665	36683	50806	22111	11755	9775	17282	19984	22775	8146	56908	0	150164
2005	20677	38791	14717	9303	12147	11708	11946	8062	22044	12891	42047	45017	22782	8145	56938	3474	99396
2006	19119	31589	42299	61901	18106	19128	38283	19872	8811	7969	10392	18520	22782	8145	56926	0	191817
2007	26043	31657	27392	14415	14740	6061	4801	5885	4994	6860	18538	12546	22772	8143	56895	0	74680
2008	23836	14346	10732	6284	4939	4741	4341	4109	4370	3643	2666	2256	22762	8141	56864	841	60201
2009	6349	17758	20028	15068	12789	5828	4652	13571	6192	5746	6855	26446	22752	8140	56835	2429	78649
2009	37223	11519	51445	38709	38897	11028	6602	7453	28527	45787	50634	75853	22744	8138	56809	3307	111975

ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F HENRY LOCK AND DAM  
**MONTHLY AND DAILY FLOW DATA**



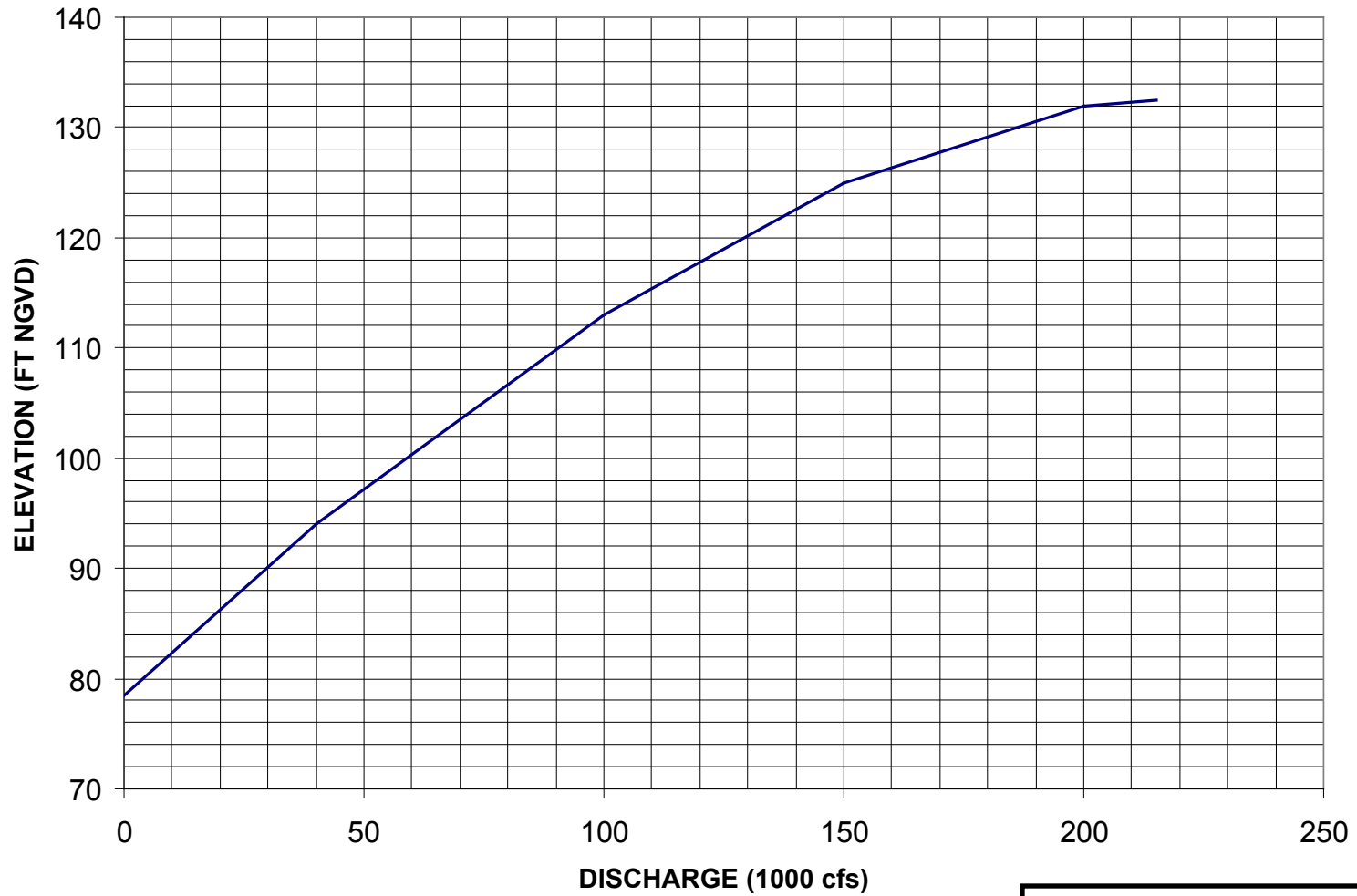
ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
RF HENRY LOCK AND DAM  
**LOWER ALABAMA RIVER  
REPORTING RAIN GAGES**



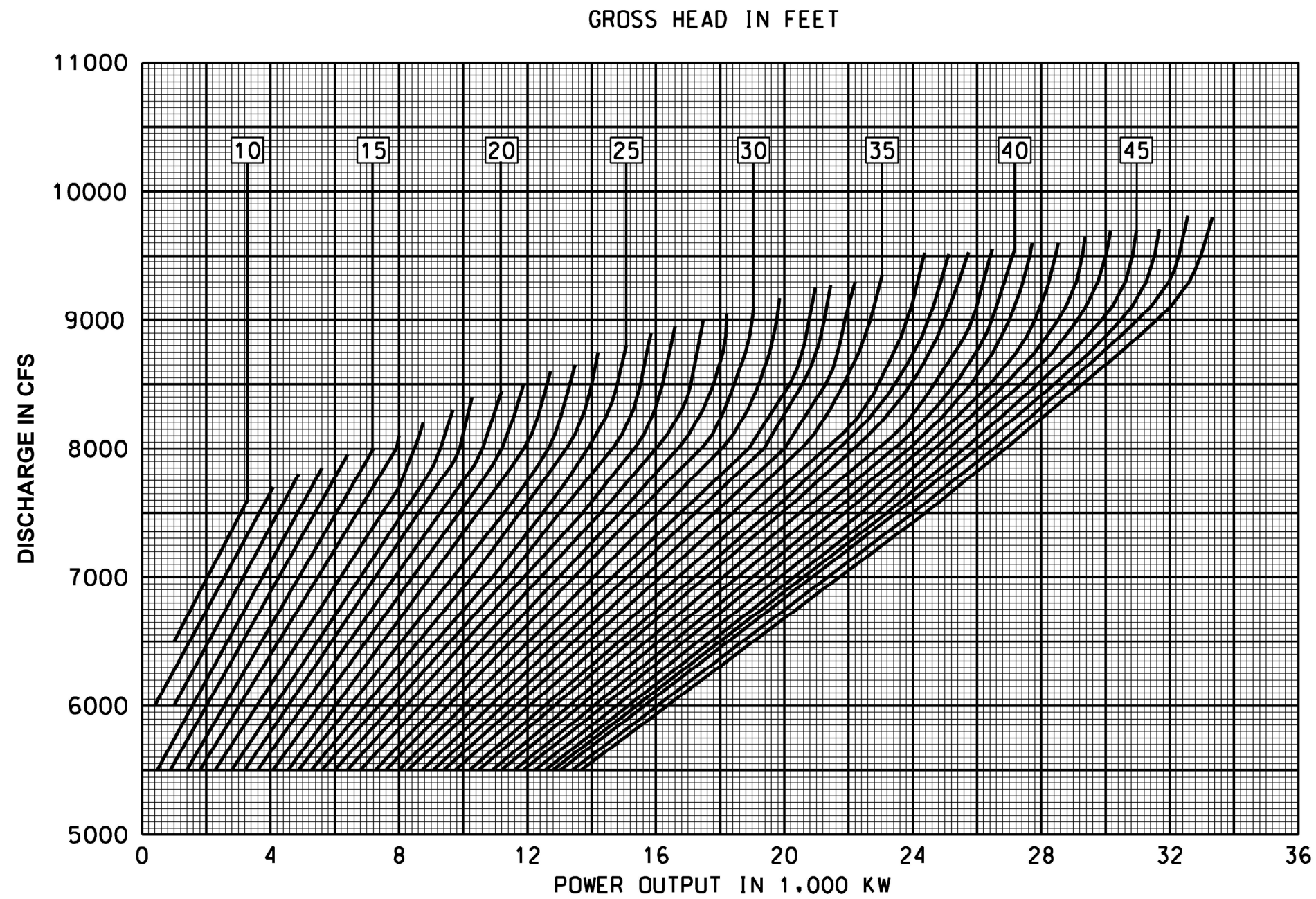


ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
ROBERT F HENRY LOCK AND DAM  
**SPELLWAY, LOCK, AND OVERBANK  
DIKES FLOW RATING CURVE**





ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
RF HENRY LOCK AND DAM  
**TAILWATER RATING CURVE**



NOTES

- 1 Based on manufacturer's original performance curves dated June 1967 and manufacturer's calculated generator losses.
- 2 Maximum and minimum limitation on generating equipment to be determined by field test.
- 3 Performance curves do not reflect the maintenance and rewinding of the units.

ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F HENRY LOCK AND DAM  
**FLOW VS POWER OUTPUT  
 SINGLE TURBOGENERATOR UNIT**

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS					
	GATE NUMBER											POOL ELEVATION					
	11	10	9	8	7	6	5	4	3	2	1	123.5	124	124.5	125	125.5	126
<b>OPENING IN RATCHET STEPS</b>																	
1	1	C	C	C	C	C	C	C	C	C	C	101	102	103	103	104	105
2	1	1	C	C	C	C	C	C	C	C	C	202	204	205	207	208	210
3	1	1	1	C	C	C	C	C	C	C	C	303	306	308	310	313	315
4	1	1	1	1	C	C	C	C	C	C	C	404	408	411	414	417	420
5	1	1	1	1	1	C	C	C	C	C	C	506	509	513	517	521	525
6	1	1	1	1	1	1	C	C	C	C	C	607	611	616	620	625	630
7	1	1	1	1	1	1	1	C	C	C	C	708	713	719	724	729	734
8	1	1	1	1	1	1	1	1	C	C	C	809	815	821	827	833	839
9	2	1	1	1	1	1	1	1	C	C	C	1416	1427	1437	1448	1459	1469
10	2	2	1	1	1	1	1	1	C	C	C	2023	2038	2054	2069	2084	2099
11	2	2	2	1	1	1	1	1	C	C	C	2630	2650	2670	2690	2709	2729
12	2	2	2	2	1	1	1	1	C	C	C	3236	3261	3286	3310	3335	3359
13	2	2	2	2	2	1	1	1	C	C	C	3843	3873	3902	3931	3960	3988
14	2	2	2	2	2	2	1	1	C	C	C	4450	4484	4518	4552	4585	4618
15	2	2	2	2	2	2	2	1	C	C	C	5057	5096	5134	5173	5211	5248
16	2	2	2	2	2	2	2	2	C	C	C	5664	5708	5751	5793	5836	5878
17	3	2	2	2	2	2	2	2	C	C	C	6996	7050	7103	7156	7208	7260
18	3	3	2	2	2	2	2	2	C	C	C	8328	8392	8456	8519	8581	8643
19	3	3	3	2	2	2	2	2	C	C	C	9661	9735	9808	9881	9953	10025
20	3	3	3	3	2	2	2	2	C	C	C	10993	11077	11161	11244	11326	11408
21	3	3	3	3	3	2	2	2	C	C	C	12325	12419	12513	12606	12699	12790
22	3	3	3	3	3	3	2	2	C	C	C	13657	13762	13866	13969	14071	14173
23	3	3	3	3	3	3	3	2	C	C	C	14989	15104	15218	15331	15444	15555
24	3	3	3	3	3	3	3	3	C	C	C	16322	16447	16571	16694	16816	16938

ALABAMA-COOSA TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F. HENRY LOCK AND DAM

**SPILLWAY GATE OPERATION  
 SCHEDULE**

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS																									
	GATE NUMBER											GROSS HEAD																									
	11	10	9	8	7	6	5	4	3	2	1	44.0	42.0	40.0	38.0	36.0	34.0	32.0	30.0	28.0	26.0	24.0	22.0	20.0	18.0	16.0											
OPENING IN RATCHET STEPS																																					
25	4	3	3	3	3	3	3	3	C	C	C	20157	19693	19219	18732	18233	17719	17190	16644	16080	15495																
26	4	4	3	3	3	3	3	3	C	C	C	21196	20709	20210	19698	19173	18632	18076	17502	16909	16294																
27	4	4	4	3	3	3	3	3	C	C	C	22235	21724	21201	20664	20113	19546	18962	18360	17738	17093																
28	4	4	4	4	3	3	3	3	C	C	C	23275	22740	22192	21630	21053	20460	19849	19218	18567	17891																
29	4	4	4	4	4	3	3	3	C	C	C	24314	23755	23183	22596	21993	21373	20735	20077	19396	18690																
30	4	4	4	4	4	4	3	3	C	C	C	25353	24770	24173	23561	22933	22287	21621	20935	20225	19489																
31	4	4	4	4	4	4	4	3	C	C	C			25164	24527	23873	23200	22508	21793	21054	20288	19492	18662														
32	4	4	4	4	4	4	4	4	C	C	C			26155	25493	24813	24114	23394	22651	21883	21087	20260	19397														
33	5	4	4	4	4	4	4	4	C	C	C			27112	26425	25721	24996	24250	23480	22683	21858	21001	20107														
34	5	5	4	4	4	4	4	4	C	C	C			28068	27358	26628	25878	25105	24308	23484	22629	21742	20816														
35	5	5	5	4	4	4	4	4	C	C	C			29025	28290	27535	26759	25961	25136	24284	23400	22482	21525														
36	5	5	5	5	4	4	4	4	C	C	C			29981	29222	28443	27641	26816	25964	25084	24172	23223	22235														
37	5	5	5	5	5	4	4	4	C	C	C			30938	30154	29350	28523	27671	26793	25884	24943	23964	22944														
38	5	5	5	5	5	5	4	4	C	C	C			31894	31087	30257	29405	28527	27621	26685	25714	24705	23653														
39	5	5	5	5	5	5	5	4	C	C	C			32851	32019	31165	30287	29382	28449	27485	26485	25446	24363														
40	5	5	5	5	5	5	5	5	C	C	C			33807	32951	32072	31169	30238	29278	28285	27256	26187	25072														
41	5	5	5	5	5	5	5	5	1	C	C								29718	28384	27317	26228	25101	23926	22694	21393											
42	5	5	5	5	5	5	5	5	2	C	C								30441	29808	28275	26929	25643	24362	23055	21699											
43	5	5	5	5	5	5	5	5	3	C	C								31251	30191	29093	27952	26762	25516	24207	22822											
44	5	5	5	5	5	5	5	5	4	C	C								32109	31020	29892	28719	27497	26217	24872	23449											
45	5	5	5	5	5	5	5	5	5	C	C								32937	31821	30663	29460	28206	26893	25513	24054											
46	5	5	5	5	5	5	5	5	5	1	C								33377	31919	30724	29501	28235	26914	25529	24066											
47	5	5	5	5	5	5	5	5	5	2	C								34100	33344	31682	30202	28777	27351	25890	24371											
48	5	5	5	5	5	5	5	5	5	3	C								34911	33727	32500	31225	29896	28504	27042	25495											
49	5	5	5	5	5	5	5	5	5	4	C								35769	34556	33299	31993	30631	29205	27706	26122											
50	5	5	5	5	5	5	5	5	5	5	C								36597	35356	34070	32733	31340	29881	28348	26727											
51	5	5	5	5	5	5	5	5	5	5	1								37037	35455	34131	32775	31369	29903	28364	26739											
52	5	5	5	5	5	5	5	5	5	5	2								37760	36880	35089	33476	31911	30339	28725	27044											
53	5	5	5	5	5	5	5	5	5	5	3								38570	37263	35907	34498	33030	31493	29876	28168											
54	5	5	5	5	5	5	5	5	5	5	4								39429	38092	36706	35266	33765	32193	30541	28795											
55	5	5	5	5	5	5	5	5	5	5	5								40257	38892	37477	36007	34474	32870	31183	29399											
56	6	5	5	5	5	5	5	5	5	5	5								41123	39729	38283	36782	35216	33577	31854	30032											
57	6	6	5	5	5	5	5	5	5	5	5								41989	40565	39090	37556	35957	34284	32525	30665											
58	6	6	6	5	5	5	5	5	5	5	5								42855	41402	39896	38331	36699	34991	33196	31297											
59	6	6	6	6	5	5	5	5	5	5	5								43721	42239	40702	39106	37441	35698	33866	31930											
60	6	6	6	6	6	5	5	5	5	5	5								44588	43076	41509	39880	38183	36406	34537	32562											
61	6	6	6	6	6	6	5	5	5	5	5								45454	43912	42315	40655	38924	37113	35208	33195											
62	6	6	6	6	6	6	6	5	5	5	5								46320	44749	43121	41430	39666	37820	35879	33827											
63	6	6	6	6	6	6	6	6	5	5	5								47186	45586	43928	42204	40408	38527	36550	34460											
64	6	6	6	6	6	6	6	6	6	5	5								48052	46423	44734	42979	41149	39234	37221	35092											
65	6	6	6	6	6	6	6	6	6	6	5								48918	47260	45540	43754	41891	39942	37892	35725											
66	6	6	6	6	6	6	6	6	6	6	6								49784	48096	46347	44529	42633	40649	38563	36357											

**ALABAMA-COOSA BASIN**  
**WATER CONTROL MANUAL**  
**ROBERT F. HENRY LOCK AND DAM**  
**ALABAMA RIVER, ALABAMA**  
**SPILLWAY GATE OPERATION**  
**SCHEDULE**

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS																													
	GATE NUMBER											GROSS HEAD																													
	11	10	9	8	7	6	5	4	3	2	1	30.0	28.0	26.0	24.0	22.0	20.0	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0																
<b>OPENING IN RATCHET STEPS</b>																																									
67	7	6	6	6	6	6	6	6	6	6	6	6	6	50651	48933	47153	45303	43375	41356	39234	36990																				
68	7	7	6	6	6	6	6	6	6	6	6	6	6	51517	49770	47959	46078	44116	42063	39905	37623																				
69	7	7	7	6	6	6	6	6	6	6	6	6	6	52383	50607	48766	46853	44858	42770	40576	38255																				
70	7	7	7	7	6	6	6	6	6	6	6	6	6	53249	51443	49572	47627	45600	43478	41247	38888																				
71	7	7	7	7	7	6	6	6	6	6	6	6	6	54115	52280	50379	48402	46341	44185	41917	39520																				
72	7	7	7	7	7	7	6	6	6	6	6	6	6	54981	53117	51185	49177	47083	44892	42588	40153																				
73	7	7	7	7	7	7	7	6	6	6	6	6	6	55847	53954	51991	49952	47825	45599	43259	40785																				
74	7	7	7	7	7	7	7	7	6	6	6	6	6	56714	54791	52798	50726	48567	46306	43930	41418																				
75	7	7	7	7	7	7	7	7	7	6	6	6	6	57580	55627	53604	51501	49308	47014	44601	42050																				
76	7	7	7	7	7	7	7	7	7	7	6	6	6	58446	56464	54410	52276	50050	47721	45272	42683																				
77	7	7	7	7	7	7	7	7	7	7	7	6	6	59312	57301	55217	53050	50792	48428	45943	43315																				
78	8	7	7	7	7	7	7	7	7	7	7	7	7	60188	58147	56032	53834	51542	49143	46622	43955																				
79	8	8	7	7	7	7	7	7	7	7	7	7	7	61064	58994	56848	54618	52292	49859	47300	44595																				
80	8	8	8	7	7	7	7	7	7	7	7	7	7	61940	59840	57663	55401	53043	50574	47979	45235																				
81	8	8	8	8	7	7	7	7	7	7	7	7	7	62816	60686	58479	56185	53793	51289	48657	45875																				
82	8	8	8	8	8	7	7	7	7	7	7	7	7	63693	61533	59295	56968	54543	52005	49336	46514																				
83	8	8	8	8	8	8	7	7	7	7	7	7	7	64569	62379	60110	57752	55293	52720	50015	47154																				
84	8	8	8	8	8	8	8	7	7	7	7	7	7	65445	63226	60926	58536	56044	53435	50693	47794																				
85	8	8	8	8	8	8	8	8	7	7	7	7	7	66321	64072	61741	59319	56794	54151	51372	48434																				
86	8	8	8	8	8	8	8	8	8	7	7	7	7	67197	64918	62557	60103	57544	54866	52051	49074																				
87	8	8	8	8	8	8	8	8	8	8	7	7	7	68073	65765	63373	60886	58294	55581	52729	49714																				
88	8	8	8	8	8	8	8	8	8	8	8	7	7	68949	66611	64188	61670	59045	56297	53408	50353																				
89	9	8	8	8	8	8	8	8	8	8	8	8	8	69841	67473	65019	62468	59808	57025	54099	51005																				
90	9	9	8	8	8	8	8	8	8	8	8	8	8	70733	68335	65849	63266	60572	57753	54790	51656																				
91	9	9	9	8	8	8	8	8	8	8	8	8	8	71625	69197	66680	64064	61336	58482	55481	52308																				
92	9	9	9	9	8	8	8	8	8	8	8	8	8	72517	70058	67510	64861	62100	59210	56172	52959																				
93	9	9	9	9	9	8	8	8	8	8	8	8	8	73409	70920	68340	65659	62864	59938	56863	53611																				
94	9	9	9	9	9	9	8	8	8	8	8	8	8	74301	71782	69171	66457	63628	60667	57554	54262																				
95	9	9	9	9	9	9	9	8	8	8	8	8	8			70001	67255	64392	61395	58245	54913	51367	47556	43413																	
96	9	9	9	9	9	9	9	9	8	8	8	8	8			70832	68053	65156	62123	58936	55565	51976	48121	43928																	
97	9	9	9	9	9	9	9	9	9	8	8	8	8			71662	68851	65920	62852	59626	56216	52586	48685	44443																	
98	9	9	9	9	9	9	9	9	9	9	8	8	8			72493	69649	66683	63580	60317	56868	53195	49249	44958																	
99	9	9	9	9	9	9	9	9	9	9	9	9	9			73323	70446	67447	64309	61008	57519	53804	49813	45473																	
100	10	9	9	9	9	9	9	9	9	9	9	9	9			74150	71241	68208	65034	61696	58168	54411	50375	45986																	
101	10	10	9	9	9	9	9	9	9	9	9	9	9			74976	72035	68968	65759	62384	58816	55018	50936	46498																	
102	10	10	10	9	9	9	9	9	9	9	9	9	9			75803	72829	69729	66484	63072	59465	55624	51498	47011																	
103	10	10	10	10	9	9	9	9	9	9	9	9	9			76630	73624	70489	67209	63760	60113	56231	52060	47524																	
104	10	10	10	10	10	9	9	9	9	9	9	9	9			77457	74418	71250	67934	64448	60762	56838	52621	48037																	
105	10	10	10	10	10	10	9	9	9	9	9	9	9			78283	75212	72010	68659	65136	61411	57444	53183	48549																	
106	10	10	10	10	10	10	10	9	9	9	9	9	9			79110	76007	72771	69384	65824	62059	58051	53745	49062																	
107	10	10	10	10	10	10	10	10	9	9	9	9	9			79937	76801	73531	70109	66511	62708	58658	54306	49575																	
108	10	10	10	10	10	10	10	10	10	9	9	9	9			80764	77595	74292	70834	67199	63356	59264	54868	50087																	
109	10	10	10	10	10	10	10	10	10	10	9	9	9			81590	78389	75052	71559	67887	64005	59871	55430	50600																	
110	10	10	10	10	10	10	10	10	10	10	10	10	10			82417	79184	75813	72284	68575	64653	60478	55991	51113																	

**ALABAMA-COOSA BASIN  
WATER CONTROL MANUAL  
ROBERT F. HENRY LOCK AND DAM  
ALABAMA RIVER, ALABAMA  
SPILLWAY GATE OPERATION  
SCHEDULE**

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS																					
	GATE NUMBER											GROSS HEAD																					
	11	10	9	8	7	6	5	4	3	2	1	26.0	24.0	22.0	20.0	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0										
	OPENING IN RATCHET STEPS																																
111	11	10	10	10	10	10	10	10	10	10	10	83255	79989	76583	73019	69272	65310	61092	56561	51632													
112	11	11	10	10	10	10	10	10	10	10	10	84093	80794	77354	73754	69969	65968	61707	57130	52152													
113	11	11	11	10	10	10	10	10	10	10	10	84931	81599	78125	74489	70666	66625	62322	57699	52672													
114	11	11	11	11	10	10	10	10	10	10	10	85768	82404	78895	75224	71364	67282	62937	58268	53191													
115	11	11	11	11	11	10	10	10	10	10	10	86606	83209	79666	75959	72061	67940	63552	58837	53711													
116	11	11	11	11	11	11	10	10	10	10	10	87444	84014	80437	76694	72758	68597	64166	59407	54231													
117	11	11	11	11	11	11	11	10	10	10	10	88282	84819	81208	77428	73455	69254	64781	59976	54750													
118	11	11	11	11	11	11	11	11	10	10	10	89120	85624	81978	78163	74152	69911	65396	60545	55270													
119	11	11	11	11	11	11	11	11	11	10	10	89958	86429	82749	78898	74849	70569	66011	61114	55789													
120	11	11	11	11	11	11	11	11	11	11	10	90795	87233	83520	79633	75546	71226	66626	61683	56309													
121	11	11	11	11	11	11	11	11	11	11	11	91633	88038	84290	80368	76244	71883	67240	62253	56829													
122	12	11	11	11	11	11	11	11	11	11	11					76964	72562	67876	62841	57365	51309	44435	36281										
123	12	12	11	11	11	11	11	11	11	11	11					77684	73241	68511	63429	57902	51789	44851	36621										
124	12	12	12	11	11	11	11	11	11	11	11					78404	73920	69146	64017	58439	52270	45267	36960										
125	12	12	12	12	11	11	11	11	11	11	11					79125	74599	69781	64605	58976	52750	45683	37300										
126	12	12	12	12	12	11	11	11	11	11	11					79845	75278	70417	65193	59513	53230	46098	37639										
127	12	12	12	12	12	12	11	11	11	11	11					80565	75958	71052	65781	60050	53710	46514	37979										
128	12	12	12	12	12	12	12	11	11	11	11					81285	76637	71687	66369	60587	54190	46930	38318										
129	12	12	12	12	12	12	12	12	11	11	11					82006	77316	72322	66957	61123	54670	47346	38658										
130	12	12	12	12	12	12	12	12	12	11	11					82726	77995	72957	67545	61660	55151	47762	38997										
131	12	12	12	12	12	12	12	12	12	12	11					83446	78674	73593	68134	62197	55631	48178	39337										
132	12	12	12	12	12	12	12	12	12	12	12					84167	79353	74228	68722	62734	56111	48594	39676										
133	13	12	12	12	12	12	12	12	12	12	12					84888	80033	74864	69311	63272	56592	49010	40017										
134	13	13	12	12	12	12	12	12	12	12	12					85610	80714	75501	69900	63810	57073	49427	40357										
135	13	13	13	12	12	12	12	12	12	12	12					86332	81395	76138	70490	64348	57555	49844	40697										
136	13	13	13	13	12	12	12	12	12	12	12					87054	82075	76774	71079	64886	58036	50261	41038										
137	13	13	13	13	13	12	12	12	12	12	12					87776	82756	77411	71668	65424	58517	50677	41378										
138	13	13	13	13	13	13	12	12	12	12	12					88497	83436	78047	72258	65962	58998	51094	41718										
139	13	13	13	13	13	13	13	12	12	12	12					89219	84117	78684	72847	66500	59479	51511	42058										
140	13	13	13	13	13	13	13	13	12	12	12					89941	84797	79320	73437	67038	59961	51927	42399										
141	13	13	13	13	13	13	13	13	13	12	12					90663	85478	79957	74026	67576	60442	52344	42739										
142	13	13	13	13	13	13	13	13	13	13	12					91385	86158	80594	74615	68114	60923	52761	43079										
143	13	13	13	13	13	13	13	13	13	13	13					92106	86839	81230	75205	68652	61404	53178	43419										
144	14	13	13	13	13	13	13	13	13	13	13					92850	87540	81886	75812	69206	61900	53607	43770										
145	14	14	13	13	13	13	13	13	13	13	13					93593	88241	82541	76419	69760	62395	54036	44120										
146	14	14	14	13	13	13	13	13	13	13	13					94337	88941	83197	77026	70314	62891	54465	44471										
147	14	14	14	14	13	13	13	13	13	13	13					95080	89642	83853	77633	70868	63387	54894	44821										
148	14	14	14	14	14	13	13	13	13	13	13					95823	90343	84508	78240	71423	63882	55324	45172										
149	14	14	14	14	14	14	13	13	13	13	13					96567	91044	85164	78846	71977	64378	55753	45522										
150	14	14	14	14	14	14	14	13	13	13	13					97310	91745	85820	79453	72531	64873	56182	45872										
151	14	14	14	14	14	14	14	14	13	13	13					98054	92446	86475	80060	73085	65369	56611	46223										
152	14	14	14	14	14	14	14	14	14	13	13					98797	93147	87131	80667	73639	65865	57041	46573										
153	14	14	14	14	14	14	14	14	14	14	13					99540	93848	87786	81274	74193	66360	57470	46924										
154	14	14	14	14	14	14	14	14	14	14	14					100284	94549	88442	81881	74747	66856	57899	47274										

ALABAMA-COOSA BASIN  
WATER CONTROL MANUAL  
ROBERT F. HENRY LOCK AND DAM  
ALABAMA RIVER, ALABAMA  
SPILLWAY GATE OPERATION  
SCHEDULE

CORPS OF ENGINEERS

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS											
	GATE NUMBER											GROSS HEAD											
	11	10	9	8	7	6	5	4	3	2	1	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0	2.0	0.5		
	OPENING IN RATCHET STEPS																						
155	15	14	14	14	14	14	14	14	14	14	14	101029	95251	89099	82490	75302	67353	58329	47625				
156	15	15	14	14	14	14	14	14	14	14	14	101774	95953	89756	83098	75858	67849	58759	47977				
157	15	15	15	14	14	14	14	14	14	14	14	102519	96656	90413	83706	76413	68346	59189	48328				
158	15	15	15	15	14	14	14	14	14	14	14	103264	97358	91070	84314	76968	68842	59619	48679				
159	15	15	15	15	15	14	14	14	14	14	14	104009	98060	91727	84923	77523	69339	60049	49030				
160	15	15	15	15	15	15	14	14	14	14	14	104754	98763	92384	85531	78079	69836	60479	49381				
161	15	15	15	15	15	15	15	14	14	14	14	105498	99465	93041	86139	78634	70332	60910	49732				
162	15	15	15	15	15	15	15	15	14	14	14	106243	100167	93698	86747	79189	70829	61340	50084				
163	15	15	15	15	15	15	15	15	15	14	14	106988	100870	94355	87356	79744	71326	61770	50435				
164	15	15	15	15	15	15	15	15	15	15	14	107733	101572	95012	87964	80300	71822	62200	50786				
165	15	15	15	15	15	15	15	15	15	15	15	108478	102274	95669	88572	80855	72319	62630	51137				
166	16	15	15	15	15	15	15	15	15	15	15	109232	102985	96334	89188	81417	72822	63065	51493				
167	16	16	15	15	15	15	15	15	15	15	15	109987	103696	96999	89804	81979	73324	63501	51848				
168	16	16	16	15	15	15	15	15	15	15	15	110741	104407	97664	90420	82541	73827	63936	52204				
169	16	16	16	16	15	15	15	15	15	15	15	111495	105119	98329	91035	83104	74330	64372	52559				
170	16	16	16	16	16	15	15	15	15	15	15	112249	105830	98995	91651	83666	74833	64807	52915				
171	16	16	16	16	16	16	15	15	15	15	15	113003	106541	99660	92267	84228	75336	65243	53270				
172	16	16	16	16	16	16	16	15	15	15	15	113758	107252	100325	92883	84790	75838	65678	53626				
173	16	16	16	16	16	16	16	16	15	15	15	114512	107963	100990	93499	85352	76341	66113	53981				
174	16	16	16	16	16	16	16	16	16	15	15	115266	108674	101655	94114	85914	76844	66549	54337				
175	16	16	16	16	16	16	16	16	16	16	15	116020	109385	102320	94730	86476	77347	66984	54692				
176	16	16	16	16	16	16	16	16	16	16	16	116774	110096	102985	95346	87039	77850	67420	55048				
177	17	16	16	16	16	16	16	16	16	16	16	117538	110816	103659	95969	87608	78359	67861	55408				
178	17	17	16	16	16	16	16	16	16	16	16	118301	111536	104332	96593	88177	78868	68301	55768				
179	17	17	17	16	16	16	16	16	16	16	16	119065	112255	105005	97216	88746	79377	68742	56128				
180	17	17	17	17	16	16	16	16	16	16	16	119828	112975	105679	97839	89315	79886	69183	56488				
181	17	17	17	17	17	16	16	16	16	16	16	120592	113695	106352	98463	89884	80394	69624	56847				
182	17	17	17	17	17	17	16	16	16	16	16	121355	114415	107025	99086	90453	80903	70064	57207				
183	17	17	17	17	17	17	17	16	16	16	16	122119	115135	107699	99709	91022	81412	70505	57567				
184	17	17	17	17	17	17	17	17	16	16	16	122882	115854	108372	100333	91591	81921	70946	57927				
185	17	17	17	17	17	17	17	17	17	16	16	123646	116574	109045	100956	92160	82430	71387	58287				
186	17	17	17	17	17	17	17	17	17	17	16	124409	117294	109718	101580	92729	82939	71828	58647				
187	17	17	17	17	17	17	17	17	17	17	17	125172	118014	110392	102203	93298	83448	72268	59007				
188	18	17	17	17	17	17	17	17	17	17	17					93865	83955	72707	59365	41978	20989		
189	18	18	17	17	17	17	17	17	17	17	17					94432	84462	73146	59724	42231	21116		
190	18	18	18	17	17	17	17	17	17	17	17					94998	84969	73585	60082	42485	21242		
191	18	18	18	18	17	17	17	17	17	17	17					95565	85476	74024	60441	42738	21369		
192	18	18	18	18	18	17	17	17	17	17	17					96132	85983	74463	60799	42991	21496		
193	18	18	18	18	18	18	17	17	17	17	17					96699	86490	74902	61158	43245	21622		
194	18	18	18	18	18	18	18	17	17	17	17					97265	86997	75341	61516	43498	21749		
195	18	18	18	18	18	18	18	18	17	17	17					97832	87504	75780	61874	43752	21876		
196	18	18	18	18	18	18	18	18	18	17	17					98399	88011	76219	62233	44005	22003		
197	18	18	18	18	18	18	18	18	18	18	17					98965	88517	76658	62591	44259	22129		
198	18	18	18	18	18	18	18	18	18	18	18					99532	89024	77097	62950	44512	22256		

ALABAMA-COOSA BASIN  
WATER CONTROL MANUAL  
ROBERT F. HENRY LOCK AND DAM  
ALABAMA RIVER, ALABAMA  
SPILLWAY GATE OPERATION  
SCHEDULE



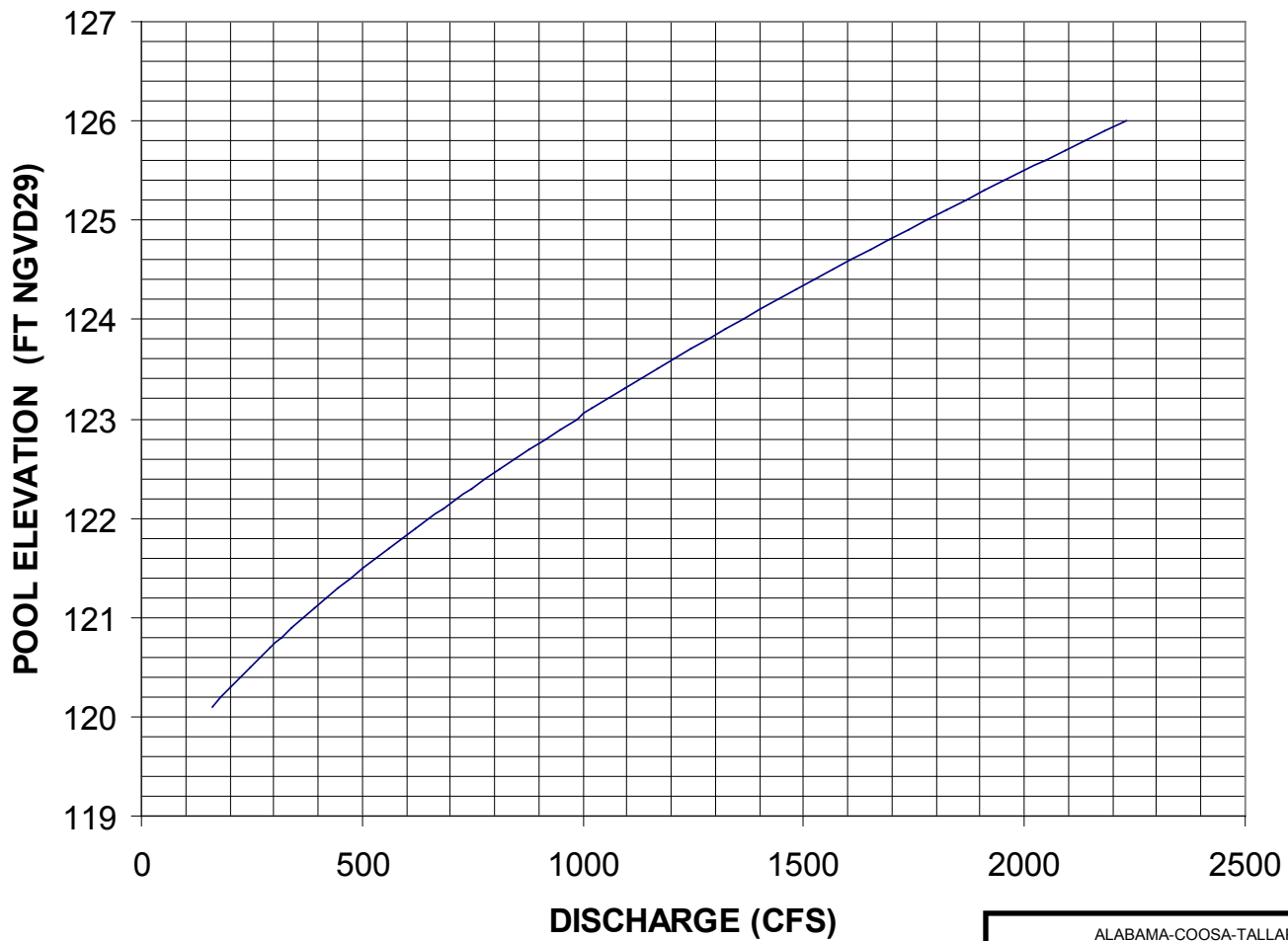


CORPS OF ENGINEERS

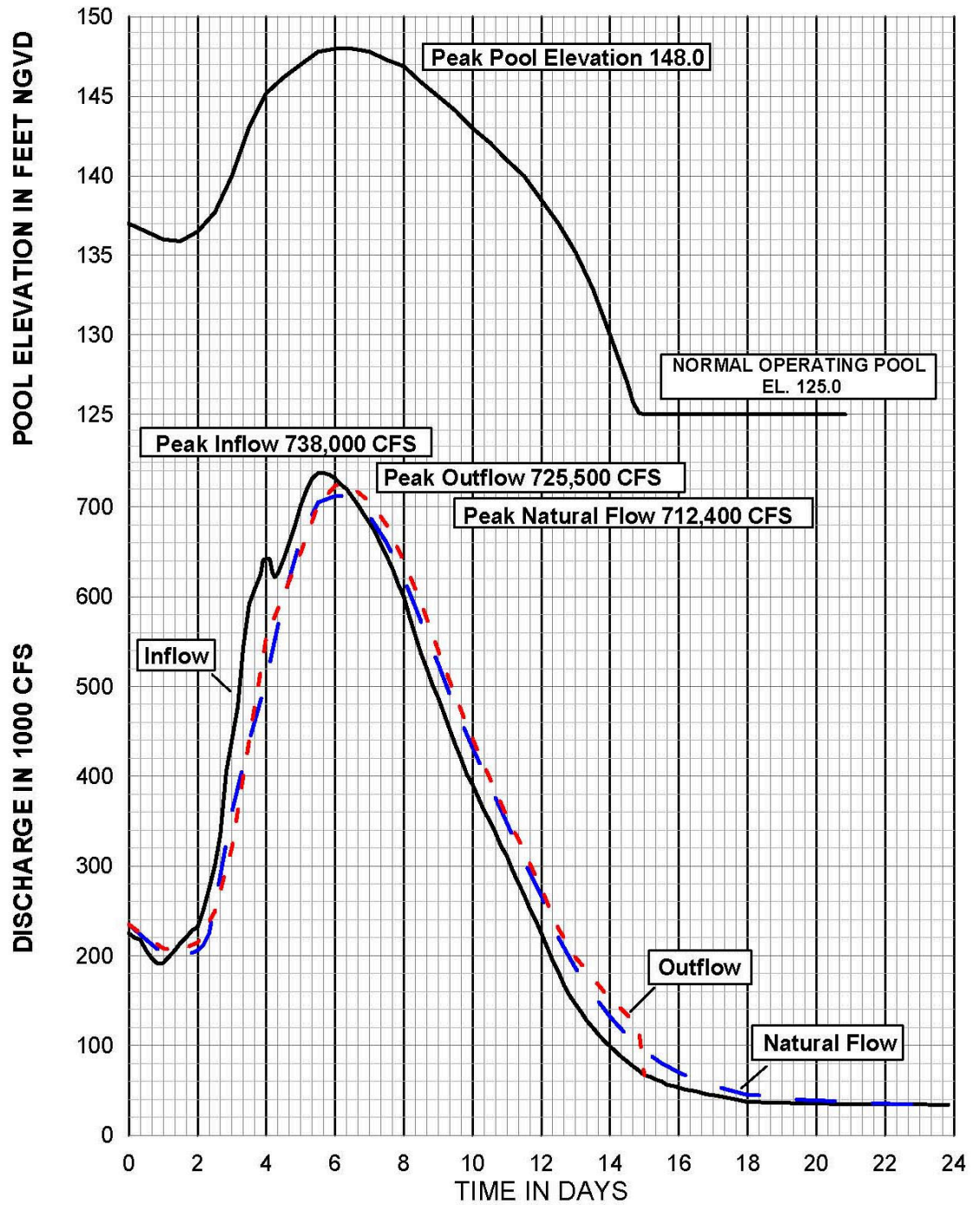
U. S. ARMY

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS						STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS											
	GATE NUMBER											GROSS HEAD							GATE NUMBER											GROSS HEAD											
	11	10	9	8	7	6	5	4	3	2	1	10.0	8.0	6.0	4.0	2.0	0.5		11	10	9	8	7	6	5	4	3	2	1	10.0	8.0	6.0	4.0	2.0	0.5						
	OPENING IN RATCHET STEPS																																								
287	27	26	26	26	26	26	26	26	26	26	26	153155	136986	118633	96863	68493	34246	331	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	181519	162356	140604	114803	81178	40589	
288	27	27	26	26	26	26	26	26	26	26	26	153793	137556	119127	97267	68778	34389	332	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	182171	162939	141109	115215	81469	40735
289	27	27	27	26	26	26	26	26	26	26	26	154431	138127	119621	97671	69063	34532	333	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	182823	163522	141614	115627	81761	40880
290	27	27	27	27	26	26	26	26	26	26	26	155069	138698	120116	98074	69349	34674	334	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	183475	164105	142119	116040	82052	41026
291	27	27	27	27	27	26	26	26	26	26	26	155707	139268	120610	98478	69634	34817	335	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	184127	164688	142624	116452	82344	41172
292	27	27	27	27	27	27	26	26	26	26	26	156345	139839	121104	98881	69919	34960	336	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	184779	165271	143129	116864	82635	41318
293	27	27	27	27	27	27	26	26	26	26	26	156983	140410	121598	99285	70205	35102	337	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	185430	165854	143634	117276	82927	41463
294	27	27	27	27	27	27	27	26	26	26	26	157621	140980	122093	99688	70490	35245	338	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	186082	166437	144139	117689	83218	41609
295	27	27	27	27	27	27	27	27	26	26	26	158259	141551	122587	100092	70775	35388	339	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	186734	167020	144644	118101	83510	41755
296	27	27	27	27	27	27	27	27	27	26	26	158897	142122	123081	100495	71061	35530	340	31	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	187386	167603	145148	118513	83801	41901
297	27	27	27	27	27	27	27	27	27	27	27	159535	142692	123575	100899	71346	35673	341	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	188038	168186	145653	118925	84093	42046
298	28	27	27	27	27	27	27	27	27	27	27	160179	143268	124074	101306	71634	35817	342	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	188696	168775	146164	119342	84388	42194
299	28	28	27	27	27	27	27	27	27	27	27	160822	143844	124572	101713	71922	35961	343	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	189355	169364	146674	119759	84682	42341
300	28	28	28	27	27	27	27	27	27	27	27	161466	144420	125071	102120	72210	36105	344	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	190014	169953	147184	120175	84977	42488
301	28	28	28	28	27	27	27	27	27	27	27	162110	144995	125570	102527	72498	36249	345	32	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	190672	170543	147694	120592	85271	42636
302	28	28	28	28	28	27	27	27	27	27	27	162754	145571	126068	102934	72786	36393	346	32	32	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	191331	171132	148205	121008	85566	42783
303	28	28	28	28	28	28	27	27	27	27	27	163397	146147	126567	103342	73074	36537	347	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	31	31	191990	171721	148715	121425	85860	42930
304	28	28	28	28	28	28	28	27	27	27	27	164041	146723	127066	103749	73361	36681	348	32	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	31	192649	172310	149225	121842	86155	43078
305	28	28	28	28	28	28	28	28	27	27	27	164685	147299	127564	104156	73649	36825	349	32	32	32	32	32	32	32	32	32	31	31	31	31	31	31	31	31	193307	172899	149735	122258	86450	43225
306	28	28	28	28	28	28	28	28	28	27	27	165329	147875	128063	104563	73937	36969	350	32	32	32	32	32	32	32	32	32	32	32	32	31	31	31	31	31	193966	173489	150245	122675	86744	43372
307	28	28	28	28	28	28	28	28	28	28	27	165973	148450	128562	104970	74225	37113	351	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31	31	194625	174078	150756	123092	87039	43519
308	28	28	28	28	28	28	28	28	28	28	28	166616	149026	129060	105377	74513	37257	352	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	195283	174667	151266	123508	87333	43667
309	29	28	28	28	28	28	28	28	28	28	28	167260	149602	129559	105785	74801	37400	353	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	195949	175262	151782	123929	87631	43816
310	29	29	28	28	28	28	28	28	28	28	28	167904	150178	130058	106192	75089	37544	354	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	196615	175858	152297	124350	87929	43964
311	29	29	29	28	28	28	28	28	28	28	28	168548	150754	130556	106599	75377	37688	355	33	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	197280	176453	152813	124771	88226	44113
312	29	29	29	29	28	28	28	28	28	28	28	169191	151329	131055	107006	75665	37832	356	33	33	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	197946	177048	153328	125192	88524	44262
313	29	29	29	29	29	28	28	28	28	28	28	169835	151905	131554	107413	75953	37976	357	33	33	33	33	33	32	32	32	32	32	32	32	32	32	32	32	32	198612	177644	153844	125613	88822	44411
314	29	29	29	29	29	29	28	28	28	28	28	170479	152481	132052	107820	76240	38120	358	33	33	33	33	33	33	32	32	32	32	32	32	32	32	32	32	32	199277	178239	154359	126034	89119	44560
315	29	29	29	29	29	29	29	28	28	28	28	171123	153057	132551	108227	76528	38264	359	33	33	33	33	33	33	33	32	32	32	32	32	32	32	32	32	32	199943	178834	154875	126455	89417	44709
316	29	29	29	29	29	29	29	29	28	28	28	171766	153633	133050	108635	76816	38408	360	33	33	33	33	33	33	33	33	33	32	32	32	32	32	32	32	32	200608	179430	155391	126876	89715	44857
317	29	29	29	29	29	29	29	29	29	28	28	172410	154208	133548	109042	77104	38552	361	33	33	33	33	33	33	33	33	33	33	33	33	33	32	32	32	32	201274	180025	155906	127297	90012	45006
318	29	29	29	29	29	29	29	29	29	29	28	173054	154784	134047	109449	77392	38696	362	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	201940	180620	156422	127718	90310	45155
319	29	29	29	29	29	29	29	29	29	29	29	173698	155360	134546	109856	77680	38840	363	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	202605	181216	156937	128139	90608	45304
320	30	29	29	29	29	29	29	29	29	29	29	174350	155943	135051	110268	77971	38986	364	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	203257	181799	157442	128551		

STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS					STEP NO.	GATE OPENING SCHEDULE											SPILLWAY DISCHARGE IN CFS						
	GATE NUMBER											GROSS HEAD						GATE NUMBER											GROSS HEAD						
	11	10	9	8	7	6	5	4	3	2	1	10.0	8.0	6.0	4.0	2.0	0.5		11	10	9	8	7	6	5	4	3	2	1	10.0	8.0	6.0	4.0	2.0	0.5
	OPENING IN RATCHET STEPS																		OPENING IN RATCHET STEPS																
375	35	34	34	34	34	34	34	34	34	34	34	210453	188235	163017	133102	94118	47059	419	39	38	38	38	38	38	38	38	38	38	38	240653	215247	186409	152202	107623	53812
376	35	35	34	34	34	34	34	34	34	34	34	211132	188842	163542	133531	94421	47210	420	39	39	38	38	38	38	38	38	38	38	38	241359	215878	186956	152649	107939	53969
377	35	35	35	34	34	34	34	34	34	34	34	211810	189449	164067	133960	94724	47362	421	39	39	39	38	38	38	38	38	38	38	38	242065	216509	187503	153095	108255	54127
378	35	35	35	35	34	34	34	34	34	34	34	212488	190055	164593	134389	95028	47514	422	39	39	39	39	38	38	38	38	38	38	38	242771	217141	188049	153542	108570	54285
379	35	35	35	35	35	34	34	34	34	34	34	213166	190662	165118	134818	95331	47665	423	39	39	39	39	39	38	38	38	38	38	38	243476	217772	188596	153988	108886	54443
380	35	35	35	35	35	35	34	34	34	34	34	213845	191268	165643	135247	95634	47817	424	39	39	39	39	39	39	38	38	38	38	38	244182	218403	189143	154434	109202	54601
381	35	35	35	35	35	35	35	34	34	34	34	214523	191875	166169	135676	95938	47969	425	39	39	39	39	39	39	39	38	38	38	38	244888	219035	189689	154881	109517	54759
382	35	35	35	35	35	35	35	35	34	34	34	215201	192482	166694	136105	96241	48120	426	39	39	39	39	39	39	39	39	38	38	38	245594	219666	190236	155327	109833	54916
383	35	35	35	35	35	35	35	35	35	34	34	215879	193088	167219	136534	96544	48272	427	39	39	39	39	39	39	39	39	39	38	38	246300	220297	190783	155774	110149	55074
384	35	35	35	35	35	35	35	35	35	35	34	216558	193695	167745	136963	96848	48424	428	39	39	39	39	39	39	39	39	39	39	38	247006	220929	191330	156220	110464	55232
385	35	35	35	35	35	35	35	35	35	35	35	217236	194302	168270	137392	97151	48575	429	39	39	39	39	39	39	39	39	39	39	39	247711	221560	191876	156666	110780	55390
386	36	35	35	35	35	35	35	35	35	35	35	217918	194911	168798	137823	97456	48728	430	40	39	39	39	39	39	39	39	39	39	39	248417	222191	192423	157113	111096	55548
387	36	36	35	35	35	35	35	35	35	35	35	218599	195521	169326	138254	97761	48880	431	40	40	39	39	39	39	39	39	39	39	39	249123	222823	192970	157559	111411	55706
388	36	36	36	35	35	35	35	35	35	35	35	219281	196131	169854	138686	98065	49033	432	40	40	40	39	39	39	39	39	39	39	39	249829	223454	193517	158006	111727	55863
389	36	36	36	36	35	35	35	35	35	35	35	219963	196741	170382	139117	98370	49185	433	40	40	40	40	39	39	39	39	39	39	39	250535	224085	194063	158452	112043	56021
390	36	36	36	36	36	35	35	35	35	35	35	220644	197350	170910	139548	98675	49338	434	40	40	40	40	40	39	39	39	39	39	39	251241	224716	194610	158899	112358	56179
391	36	36	36	36	36	36	35	35	35	35	35	221326	197960	171439	139979	98980	49490	435	40	40	40	40	40	40	39	39	39	39	39	251947	225348	195157	159345	112674	56337
392	36	36	36	36	36	36	36	35	35	35	35	222008	198570	171967	140410	99285	49642	436	40	40	40	40	40	40	40	39	39	39	39	252652	225979	195704	159791	112990	56495
393	36	36	36	36	36	36	36	36	35	35	35	222690	199180	172495	140841	99590	49795	437	40	40	40	40	40	40	40	40	39	39	39	253358	226610	196250	160238	113305	56653
394	36	36	36	36	36	36	36	36	36	35	35	223371	199789	173023	141272	99895	49947	438	40	40	40	40	40	40	40	40	40	39	39	254064	227242	196797	160684	113621	56810
395	36	36	36	36	36	36	36	36	36	36	35	224053	200399	173551	141704	100200	50100	439	40	40	40	40	40	40	40	40	40	40	39	254770	227873	197344	161131	113937	56968
396	36	36	36	36	36	36	36	36	36	36	36	224735	201009	174079	142135	100504	50252	440	40	40	40	40	40	40	40	40	40	40	40	255476	228504	197891	161577	114252	57126
397	37	36	36	36	36	36	36	36	36	36	36	225419	201621	174609	142567	100810	50405	441	41	40	40	40	40	40	40	40	40	40	40	256182	229136	198437	162023	114568	57284
398	37	37	36	36	36	36	36	36	36	36	36	226103	202232	175138	143000	101116	50558	442	41	41	40	40	40	40	40	40	40	40	40	256887	229767	198984	162470	114884	57442
399	37	37	37	36	36	36	36	36	36	36	36	226787	202844	175668	143433	101422	50711	443	41	41	41	40	40	40	40	40	40	40	40	257593	230398	199531	162916	115199	57600
400	37	37	37	37	36	36	36	36	36	36	36	227471	203456	176198	143865	101728	50864	444	41	41	41	41	40	40	40	40	40	40	40	258299	231030	200078	163363	115515	57757
401	37	37	37	37	37	36	36	36	36	36	36	228155	204068	176728	144298	102034	51017	445	41	41	41	41	41	40	40	40	40	40	40	259005	231661	200624	163809	115831	57915
402	37	37	37	37	37	37	36	36	36	36	36	228839	204680	177258	144730	102340	51170	446	41	41	41	41	41	41	40	40	40	40	40	259711	232292	201171	164256	116146	58073
403	37	37	37	37	37	37	37	36	36	36	36	229523	205291	177788	145163	102646	51323	447	41	41	41	41	41	41	41	40	40	40	40	260417	232924	201718	164702	116462	58231
404	37	37	37	37	37	37	37	37	36	36	36	230207	205903	178317	145596	102952	51476	448	41	41	41	41	41	41	41	41	40	40	40	261123	233555	202265	165148	116778	58389
405	37	37	37	37	37	37	37	37	37	36	36	230891	206515	178847	146028	103257	51629	449	41	41	41	41	41	41	41	41	41	40	40	261828	234186	202811	165595	117093	58547
406	37	37	37	37	37	37	37	37	37	37	36	231575	207127	179377	146461	103563	51782	450	41	41	41	41	41	41	41	41	41	41	40	262534	234818	203358	166041	117409	58704
407	37	37	37	37	37	37	37	37	37	37	37	232259	207739	179907	146893	103869	51935	451	41	41	41	41	41	41	41	41	41	41	41	263240	235449	203905	166488	117725	58862
408	38	37	37	37	37	37	37	37	37	37	37	232958	208364	180448	147335	104182	52091	452	42	41	41	41	41	41	41	41	41	41	41	263968	236100	204469	166948	118050	59025
409	38	38	37	37	37	37	37	37	37	37	37	233657	208989	180990	147777	104494	52247	453	42	42	41	41	41	41	41	41	41	41	41	264695	236751	205032	167408	118375	59188
410	38	38	38	37	37	37	37	37	37	37	37	234356	209614	181531	148219	104807	52403	454	42	42	42	41	41	41	41	41	41	41	41	265423	237402	205596	167868	118701	59350
411	38	38	38	38	37	37	37	37	37	37	37	235055	210239	182072	148662	105120	52560	455	42	42	42	42	41	41	41	41	41	41	41	266151	238053	206160	168329	119026	59513
412	38	38	38	38	38	37	37	37	37	37	37	235753	210864	182614	149104	105432	52716	456	42	42	42	42	42	41	41	41	41	41							

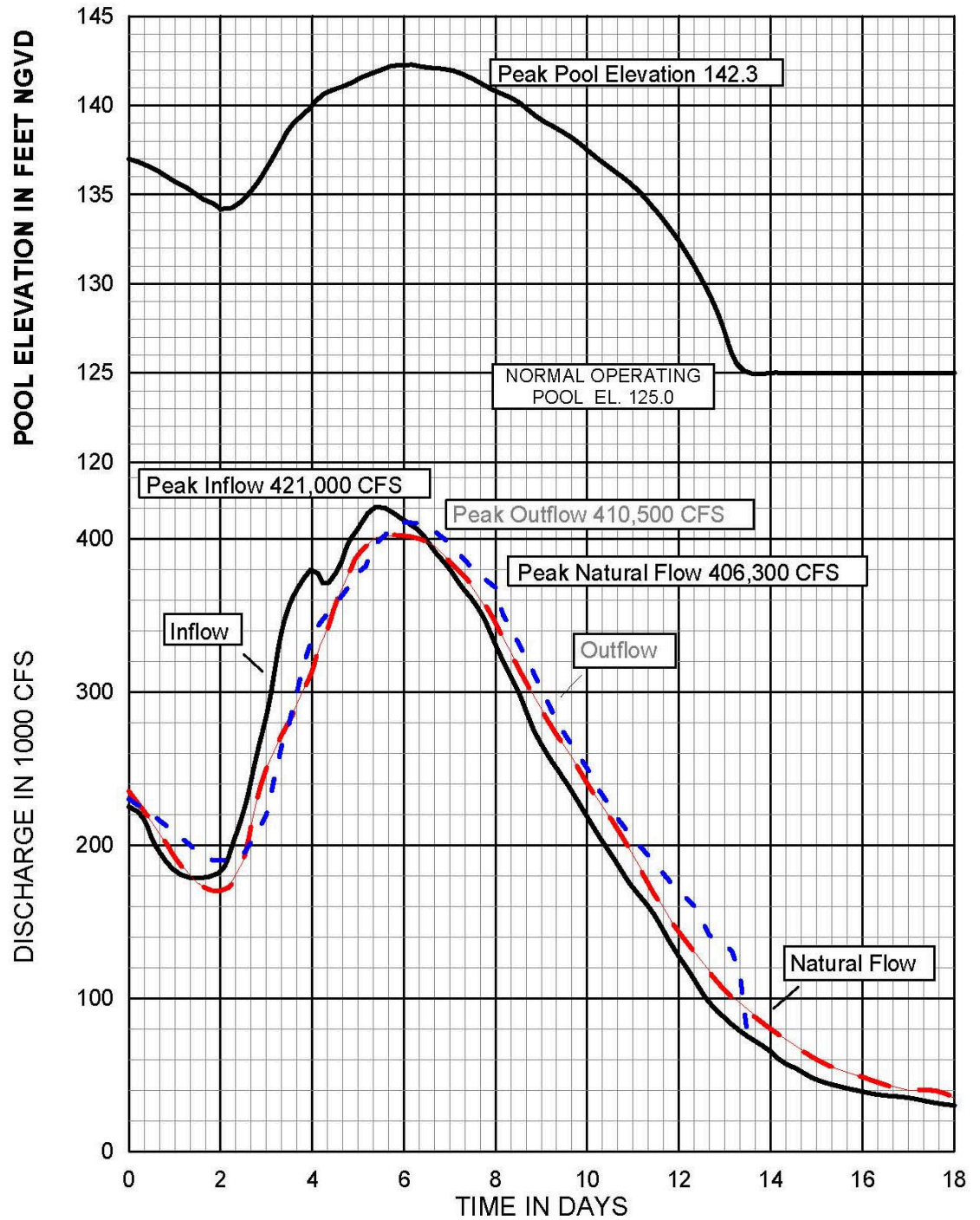


ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
RF HENRY LOCK AND DAM  
**TRASH GATE FLOW RATING CURVE**



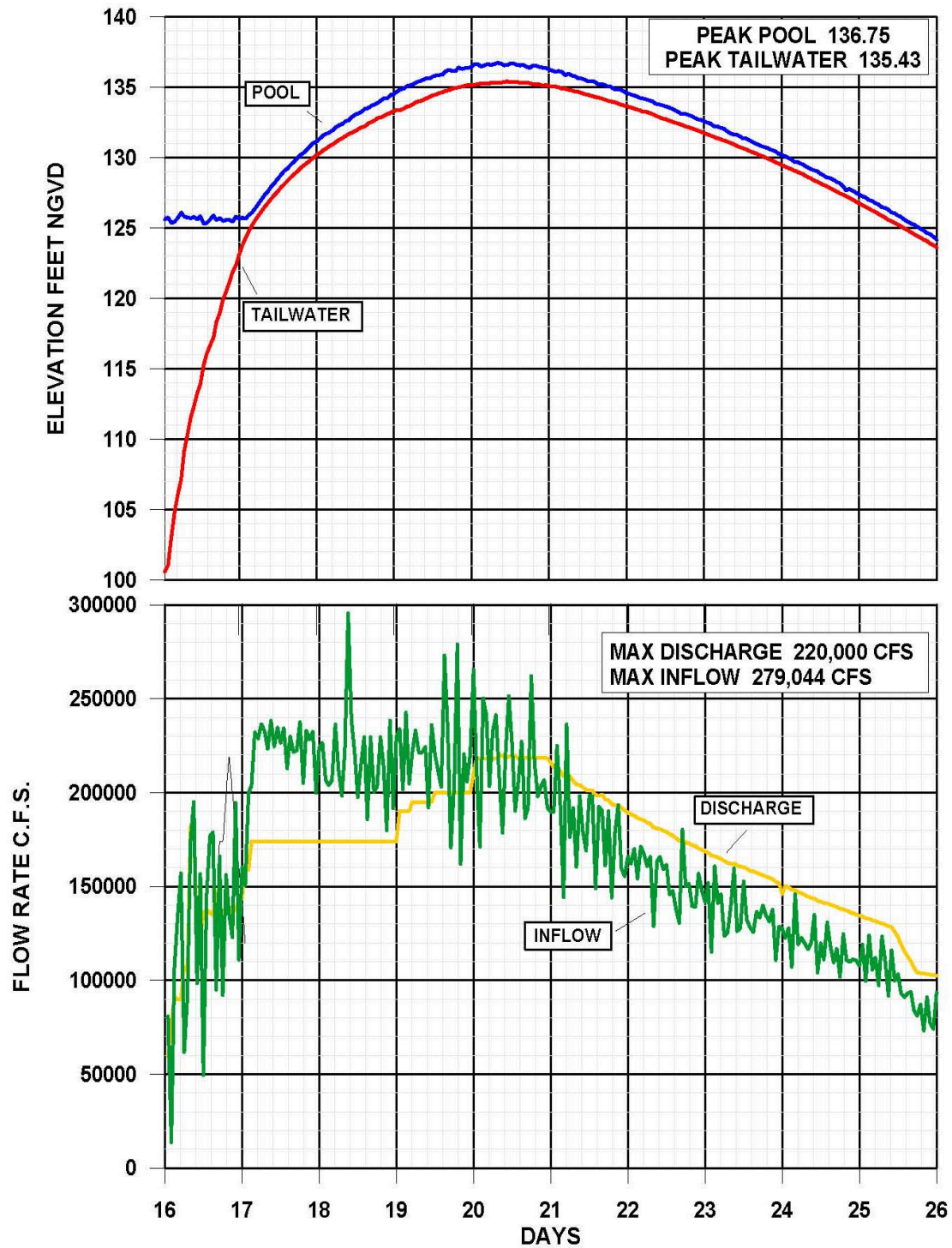
NOTES:  
 Spillway design flood series- Flood of March 1929 followed by spillway design flood. Hydrographs prior to beginning of spillway design flood not shown.  
 Spillway- 11-50' x 35' Tainter Gates with crest at El. 91.0.  
 Existing and proposed APC dams assumed in operation.

ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F. HENRY LOCK AND DAM  
 INFLOW-OUTFLOW-POOL  
 HYDROGRAPHS FOR  
 SPILLWAY DESIGN FLOOD

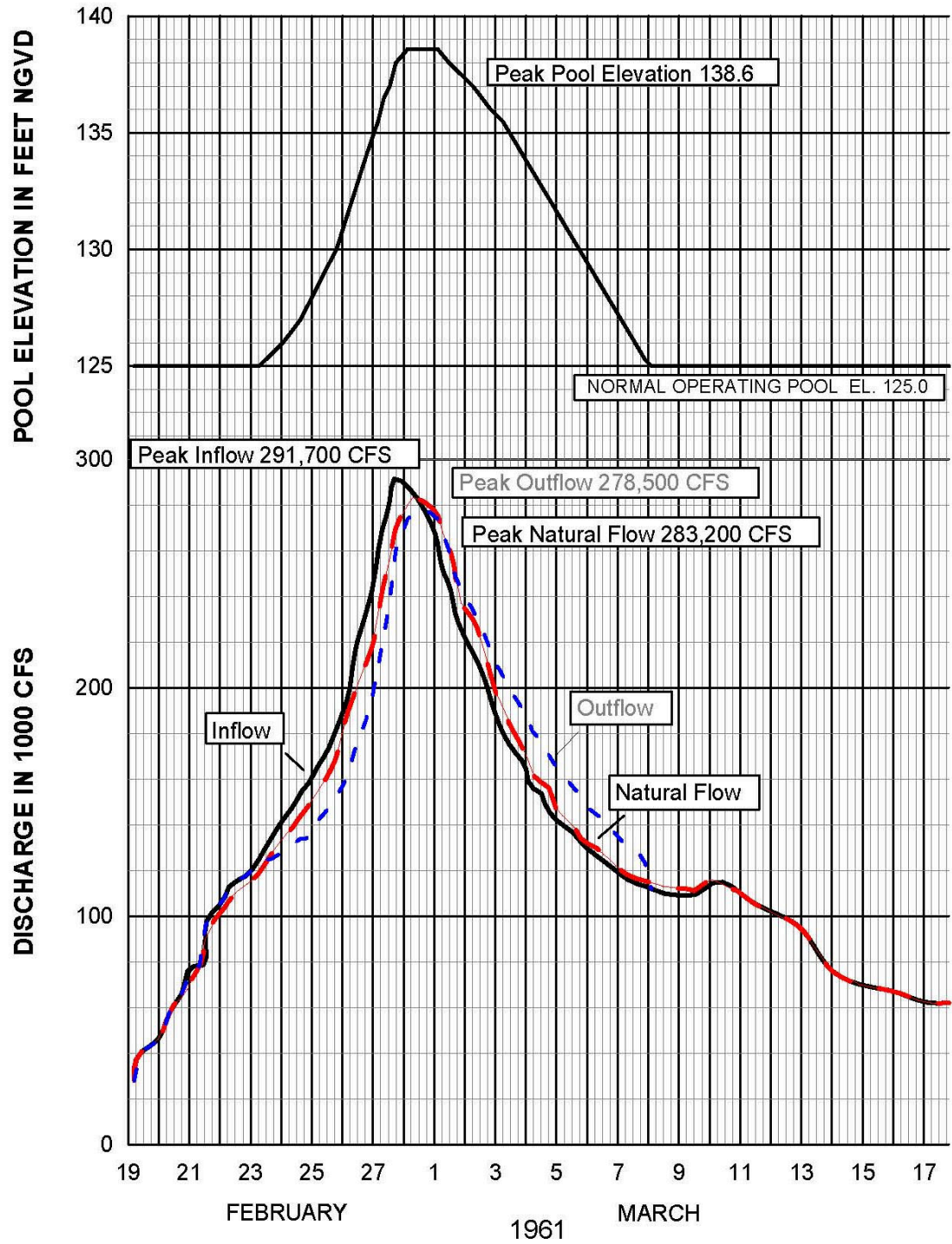


NOTES:  
 Standard project flood series- Flood of March 1929 followed by standard project flood. Hydrographs prior to beginning of standard project flood not shown.  
 Existing and proposed APC dams assumed in operation.

ALABAMA-COOSA-TALLAPOOSA BASIN  
 RESERVOIR REGULATION MANUAL  
 ROBERT F. HENRY LOCK AND DAM  
 INFLOW-OUTFLOW-POOL  
 HYDROGRAPHS FOR  
 STANDARD PROJECT FLOOD



ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
ROBERT F. HENRY LOCK AND DAM  
INFLOW-OUTFLOW-POOL  
HYDROGRAPHS FOR FLOOD OF  
MARCH 1990

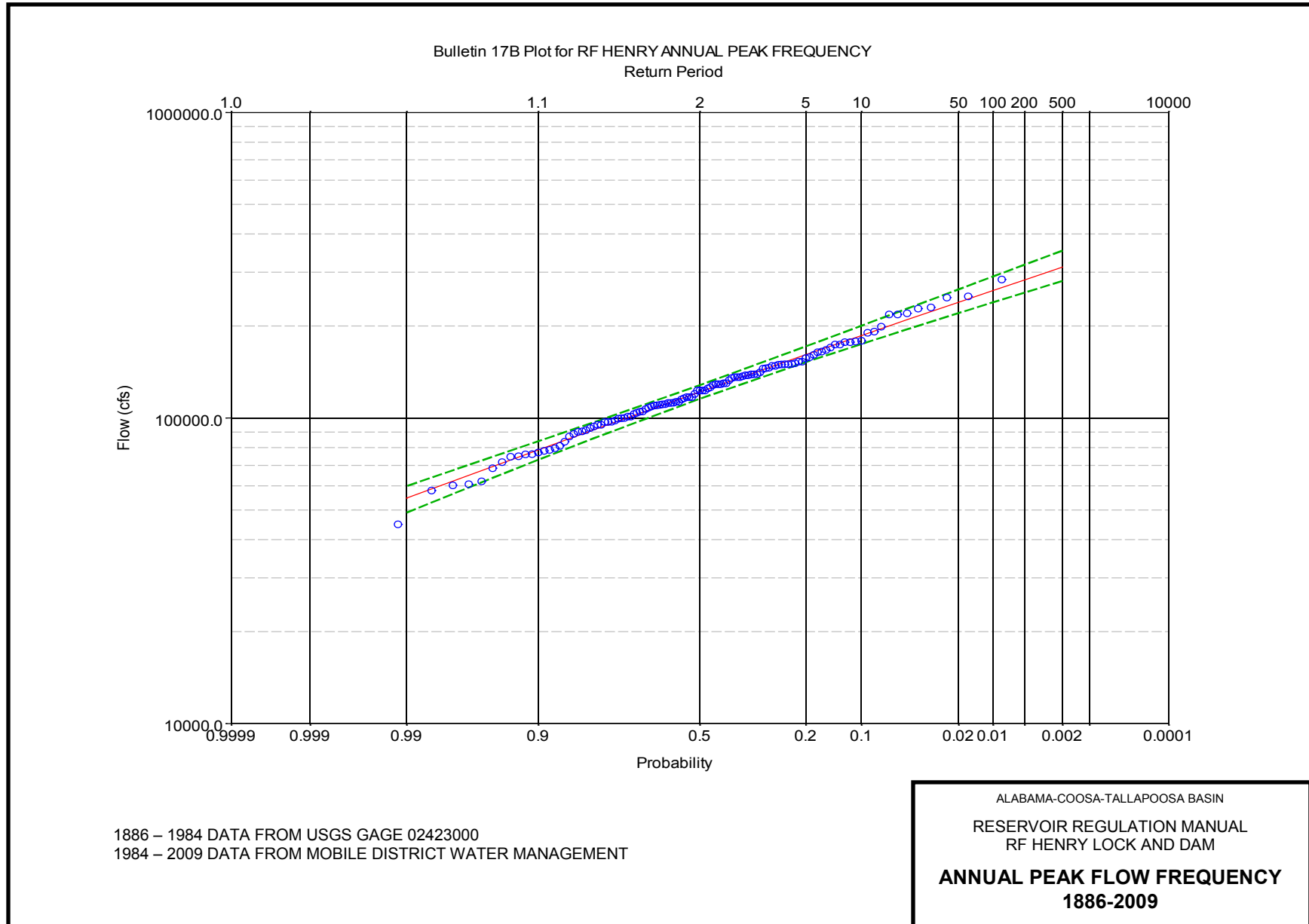


NOTES: Effect of proposed APC dams not considered.

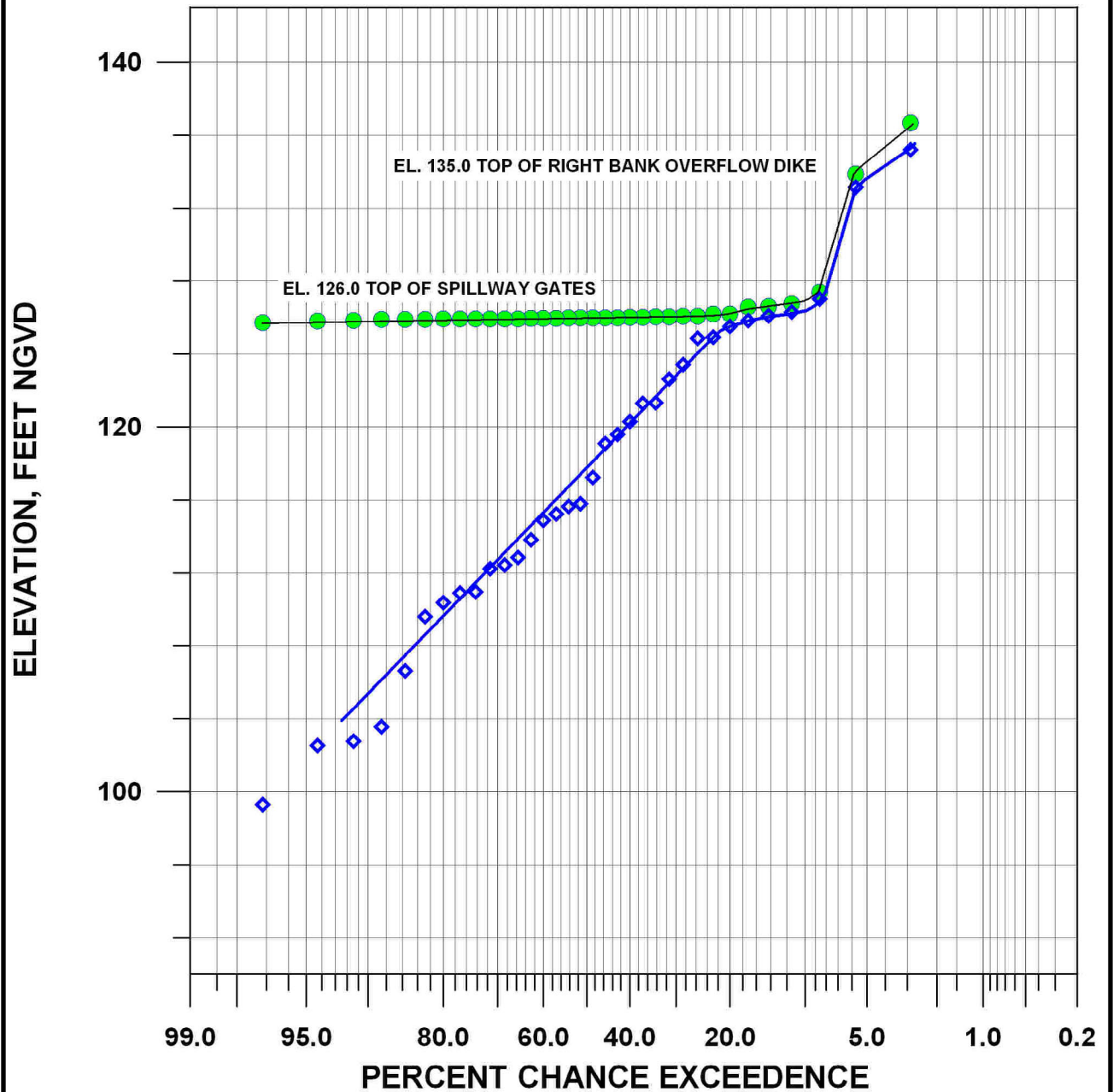
ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL  
ROBERT F. HENRY LOCK AND DAM

INFLOW-OUTFLOW-POOL  
HYDROGRAPHS FOR FLOOD OF  
FEBRUARY - MARCH 1961







- Annual Pool Elevation Frequency 1976-2009
- ◆ Annual Tailwater Elevation Frequency 1976-2009

ALABAMA-COOSA-TALLAPOOSA BASIN  
RESERVOIR REGULATION MANUAL  
ROBERT F. HENRY LOCK AND DAM  
HEADWATER-TAILWATER ANNUAL  
STAGE FREQUENCY CURVES