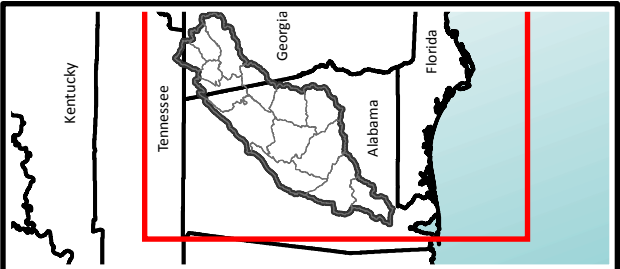
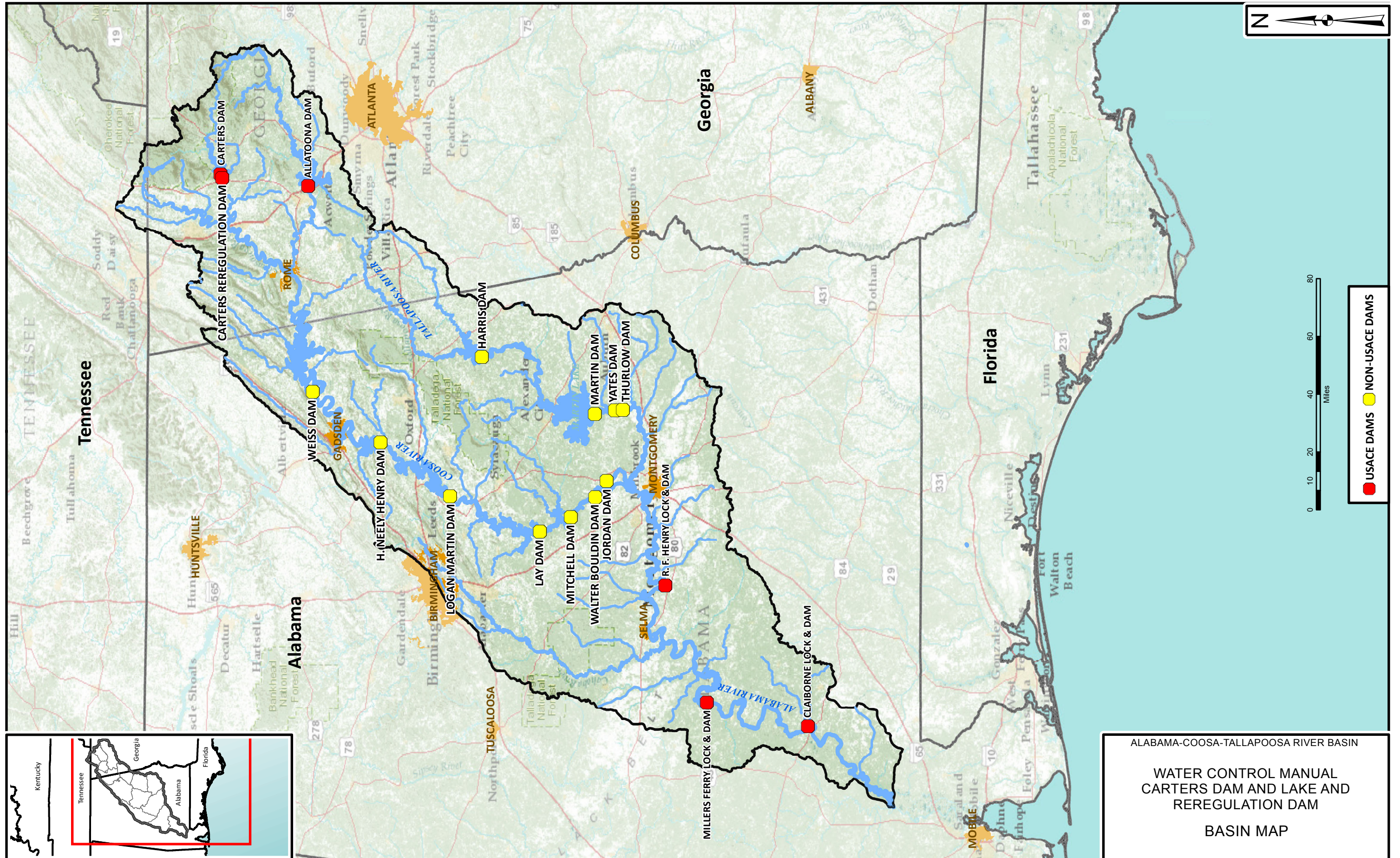


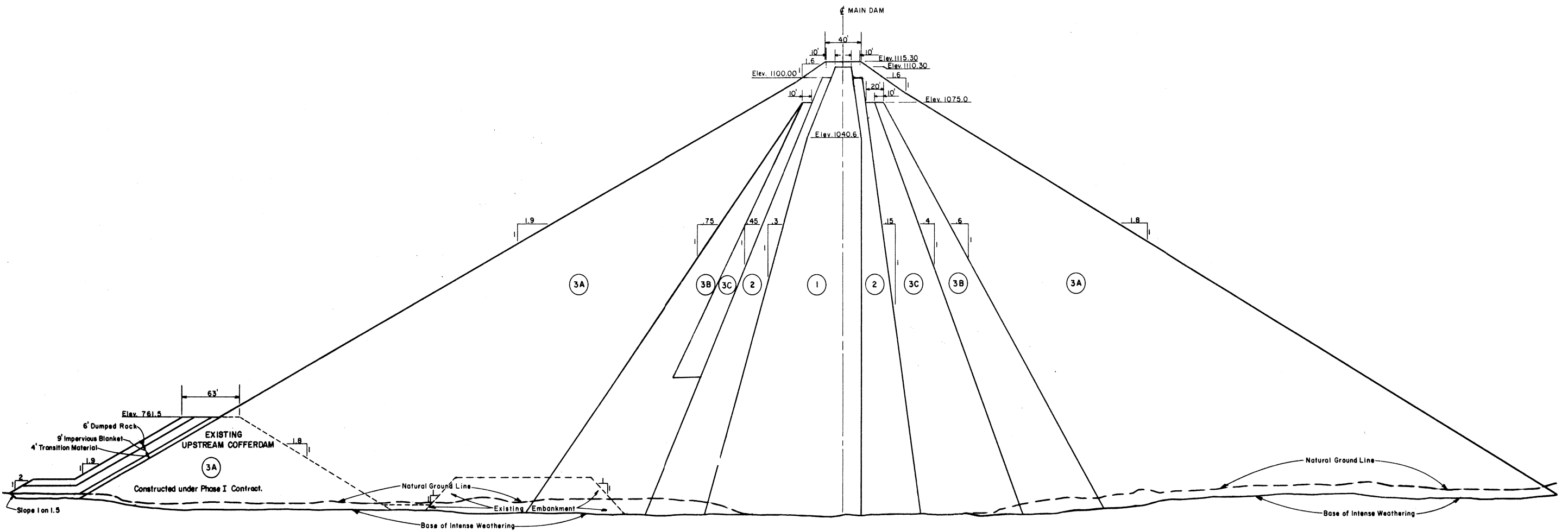
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PLATES



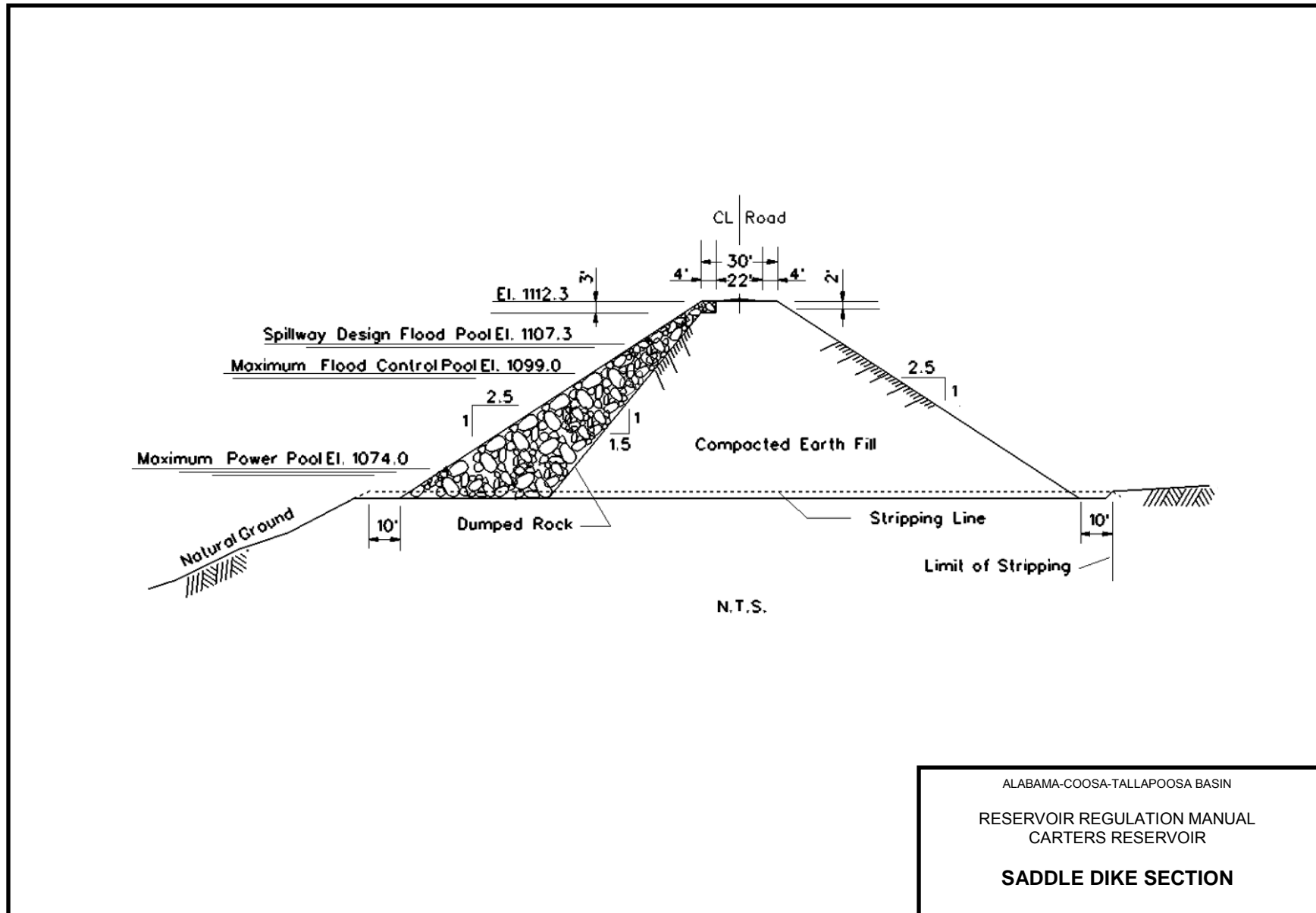
ALABAMA-COOSA-TALLAPOOSA RIVER BASIN
 WATER CONTROL MANUAL
 CARTERS DAM AND LAKE AND
 REREGULATION DAM
 BASIN MAP

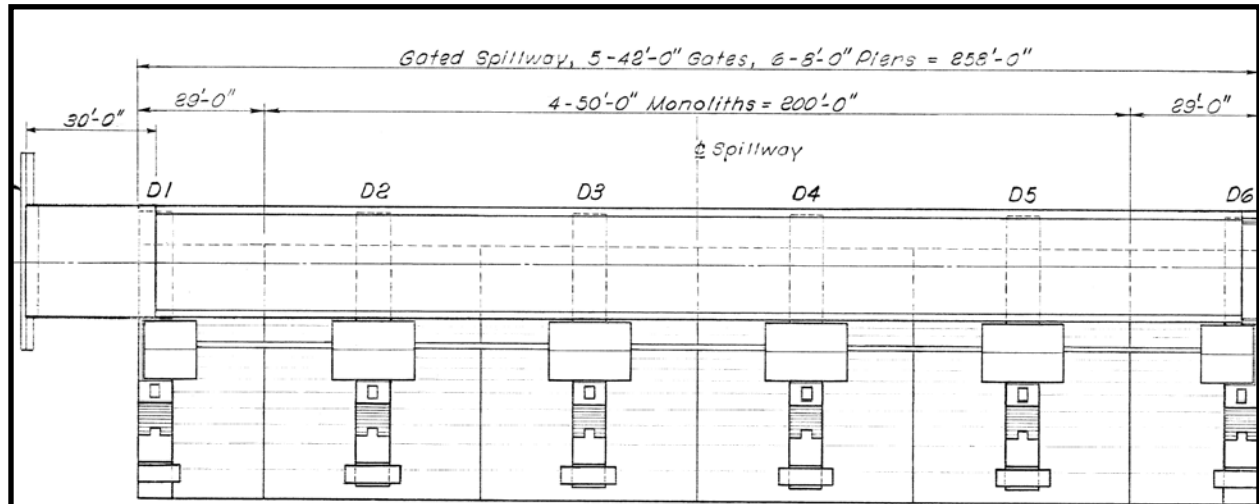




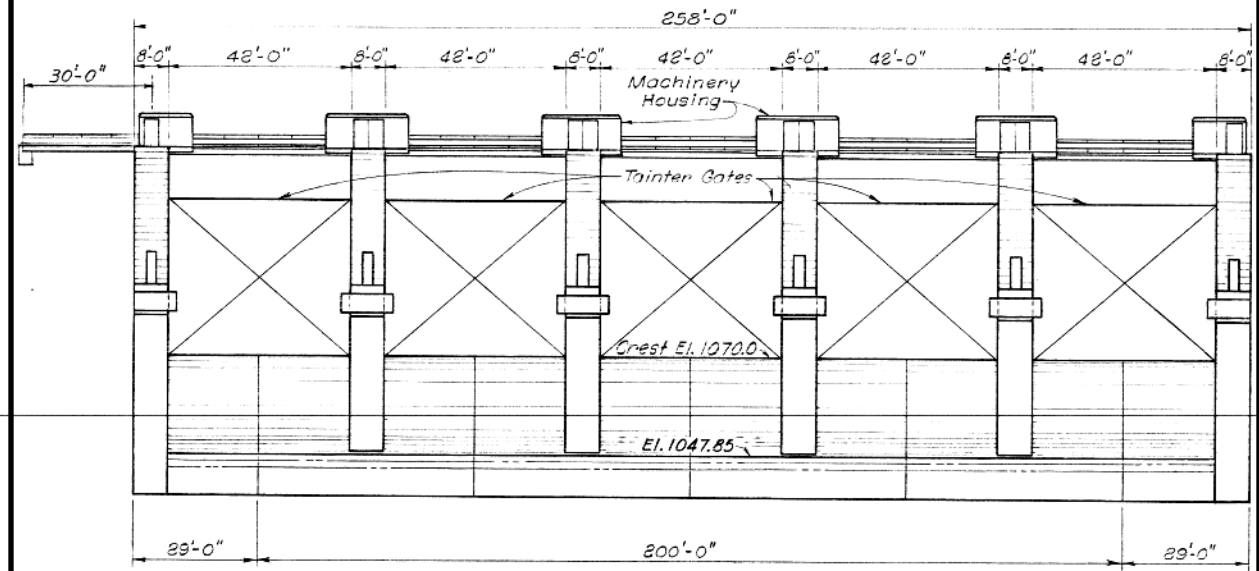
- ZONE 1 - IMPERVIOUS CORE - HIGHLY WEATHERED AND DISINTEGRATED ROCK
- ZONE 2 - TRANSITION MATERIAL - WEATHERED ROCK
- ZONE 3A - BEST QUALITY ROCK - SOUND QUARTZITE WITH UP TO 30% ARGILLITE AND/OR PHYLLITE
- ZONE 3B - INTERMEDIATE QUALITY ROCK - SLIGHTLY WEATHERED ROCK WITH UP TO 40% ARGILLITE AND/OR PHYLLITE.
- ZONE 3C - RANDOM ROCK

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
MAIN DAM ROCK FILL SECTION



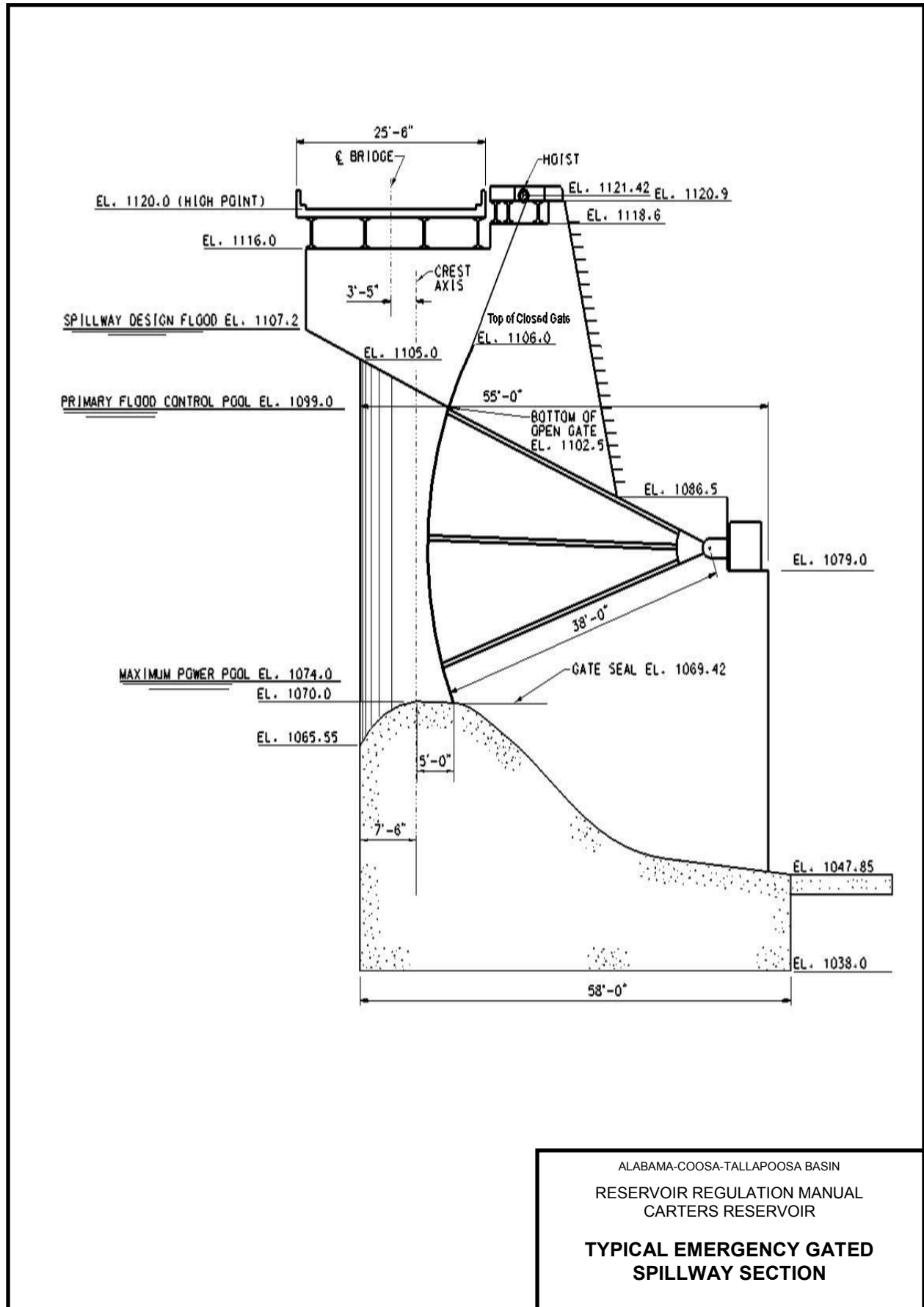


EMERGENCY SPILLWAY PLAN



EMERGENCY SPILLWAY DOWNSTREAM ELEVATION

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**EMERGENCY SPILLWAY PLAN AND
DOWNSTREAM ELEVATION**



ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**TYPICAL EMERGENCY GATED
 SPILLWAY SECTION**

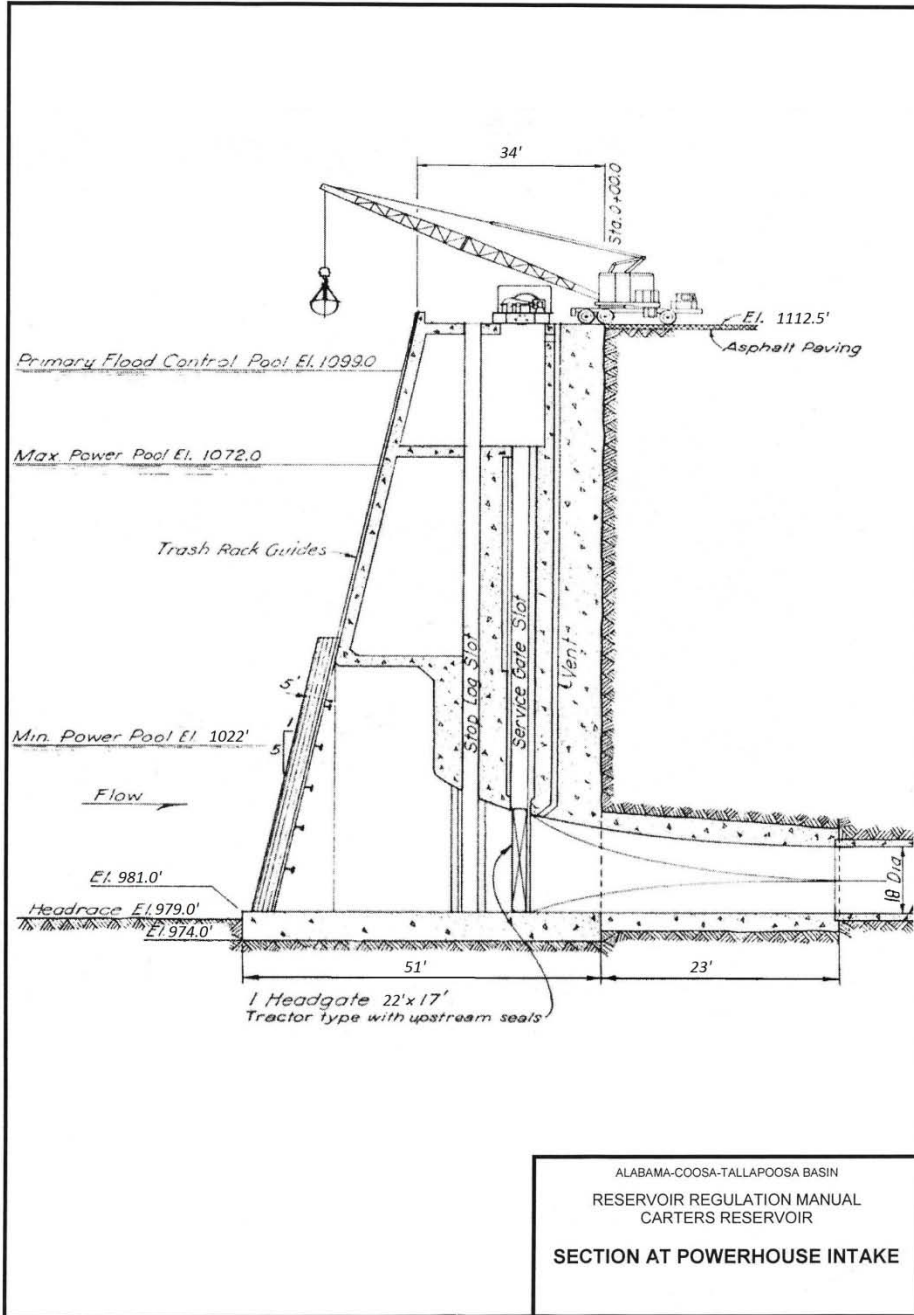
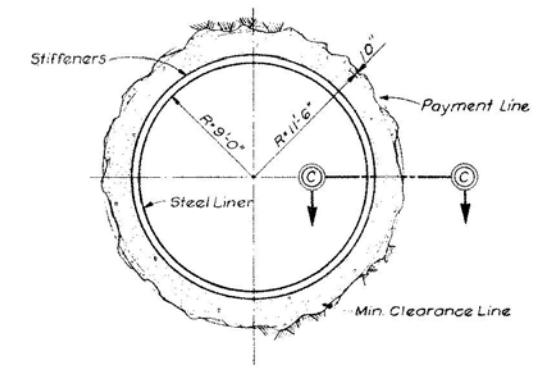
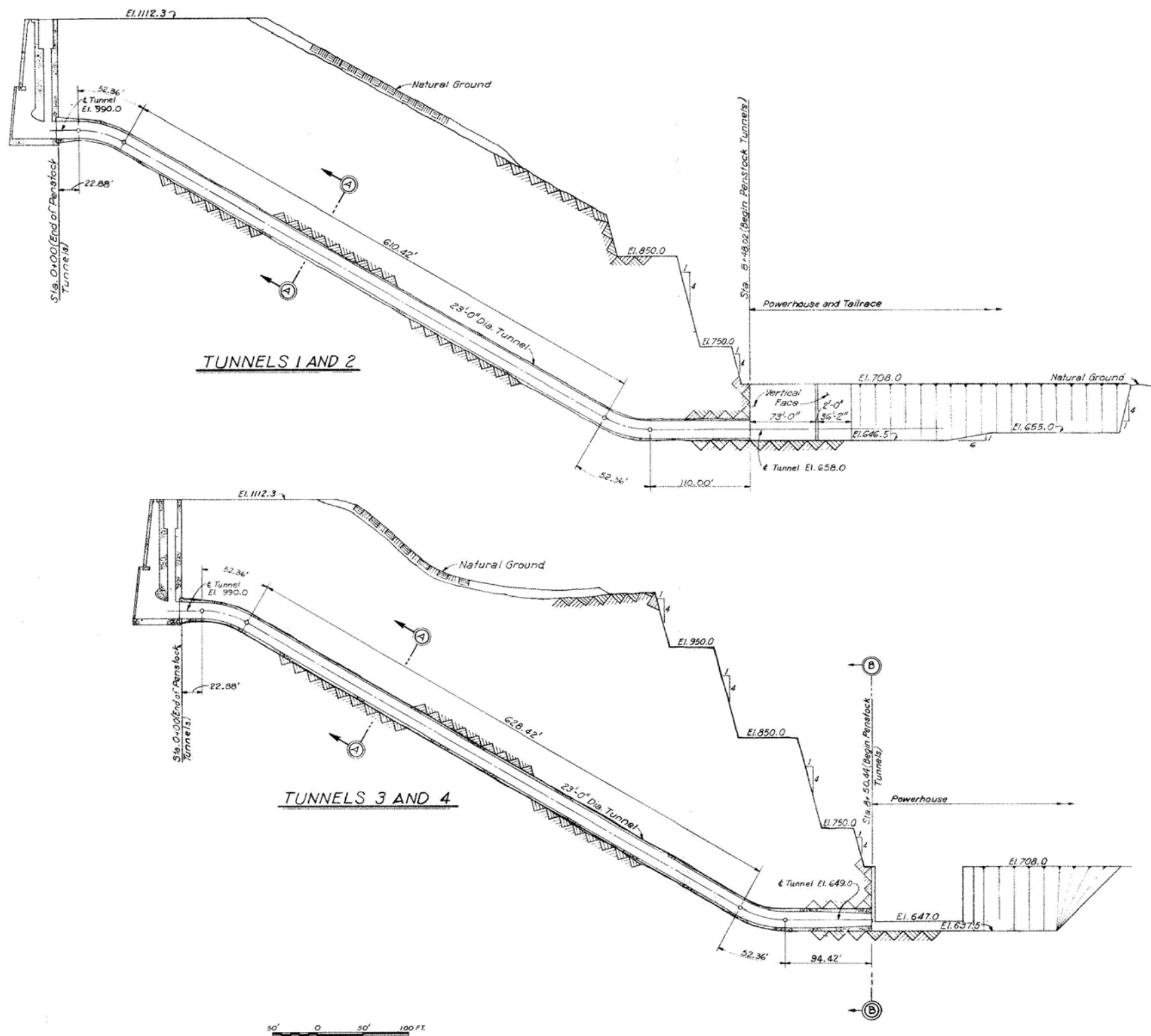
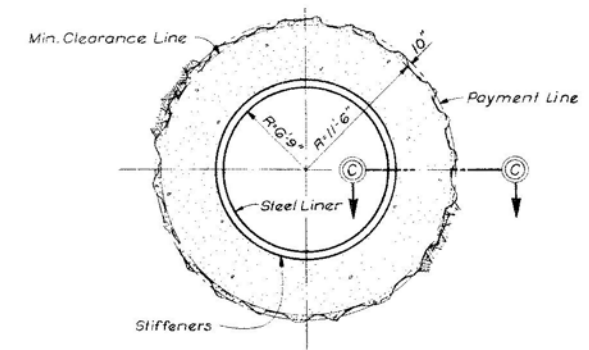


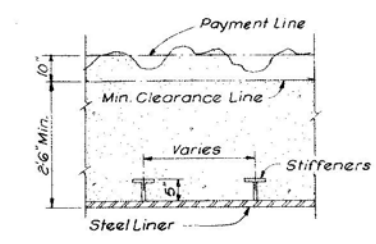
PLATE 2-6



SECTION A-A



SECTION B-B

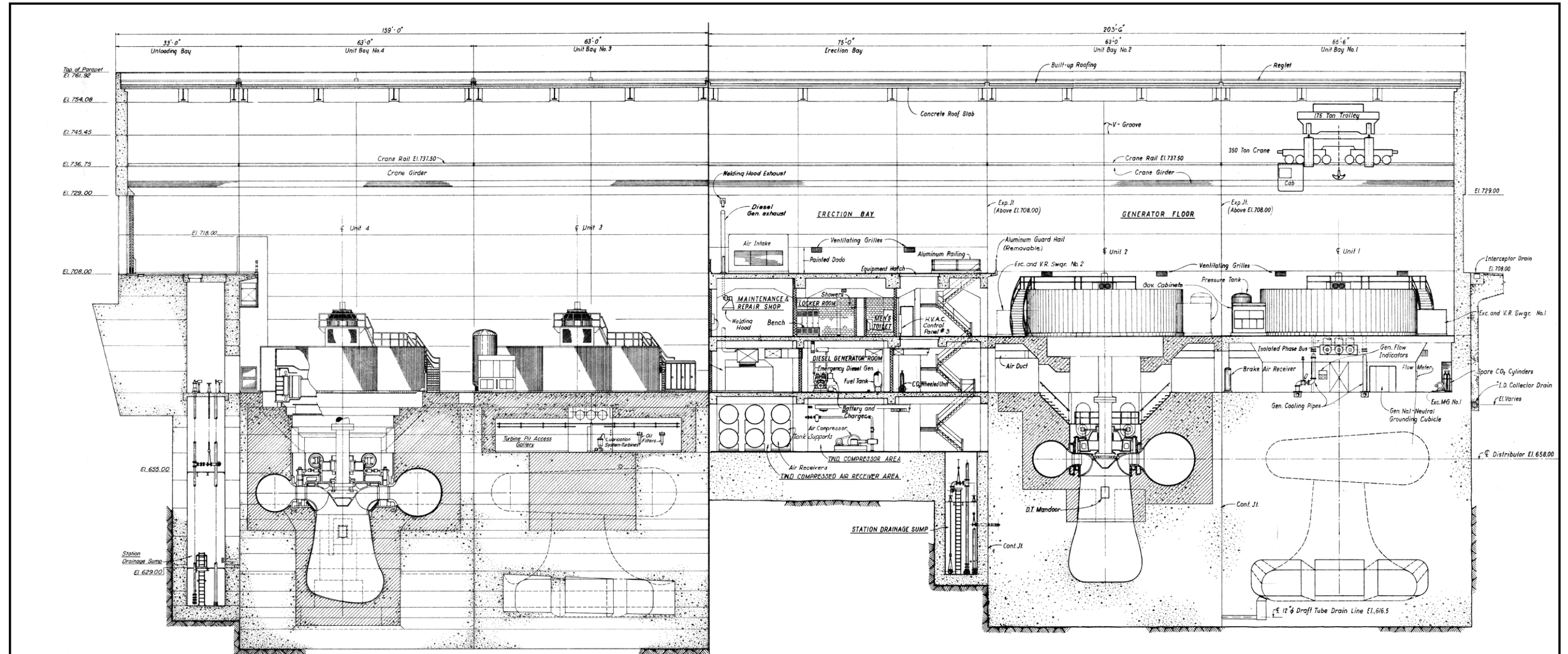


SECTION C-C



ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**PENSTOCK CENTERLINE
 PROFILES AND SECTIONS**

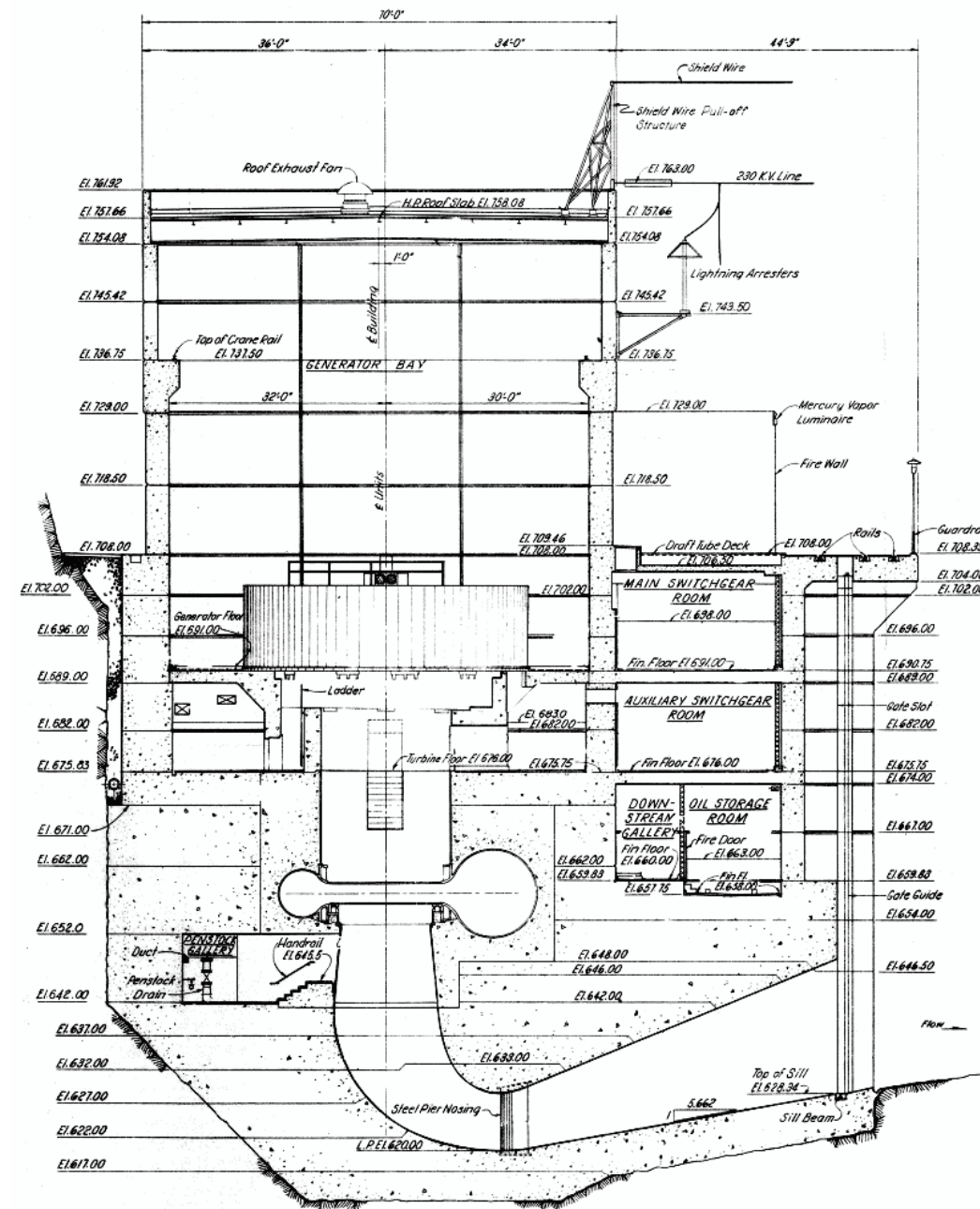


LONGITUDINAL SECTION UNITS 3 & 4

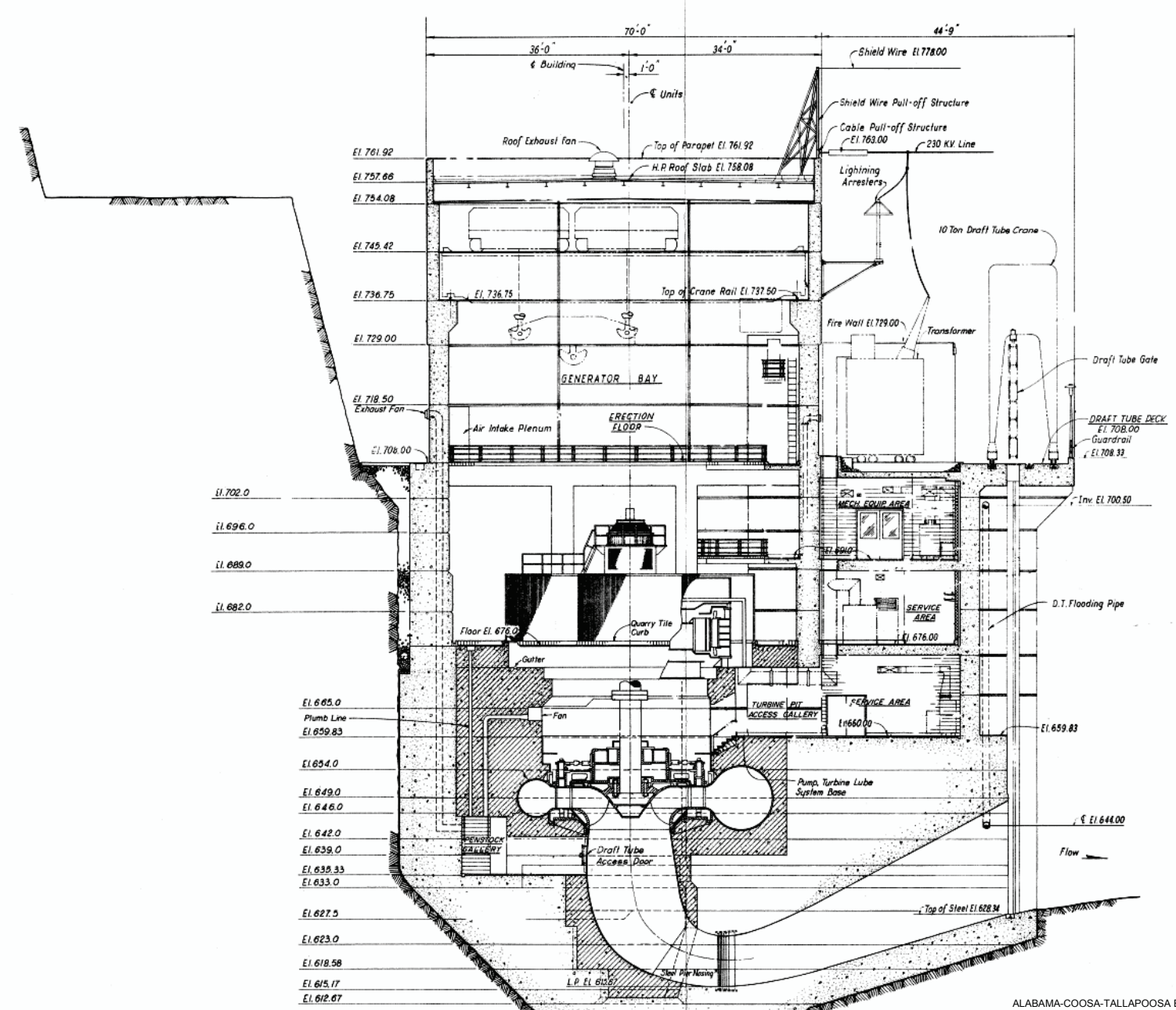
LONGITUDINAL SECTION UNITS 1 & 2

ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
LONGITUDINAL SECTIONS AT
POWERHOUSE UNITS

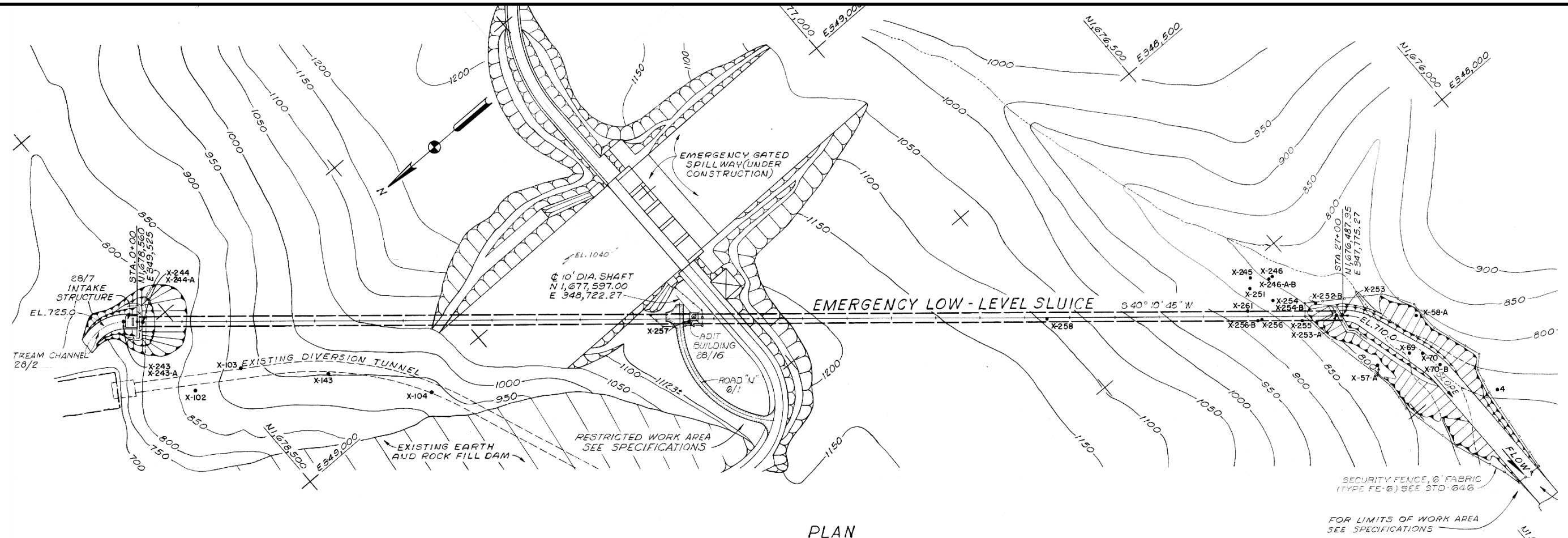


TRANSVERSE SECTION UNITS 1 & 2

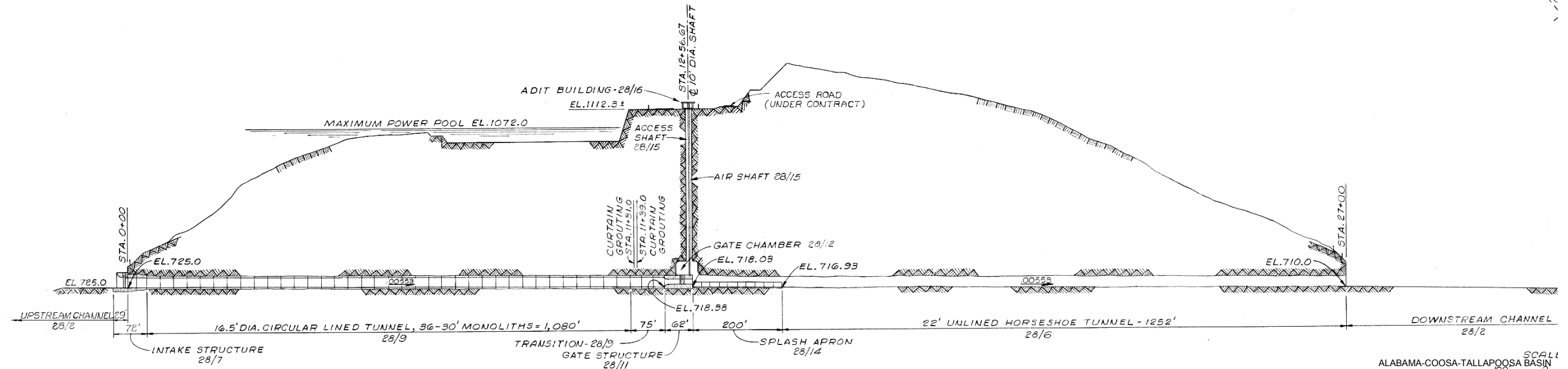


TRANSVERSE SECTION UNITS 3 & 4

ALABAMA-COOSA-TALLOPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
 TRANSVERSE SECTIONS AT
 POWERHOUSE UNITS

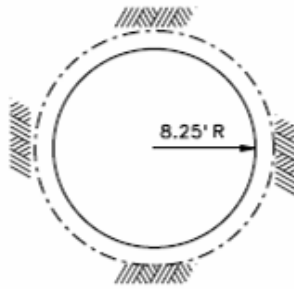


PLAN
SCALE: 1" = 100'

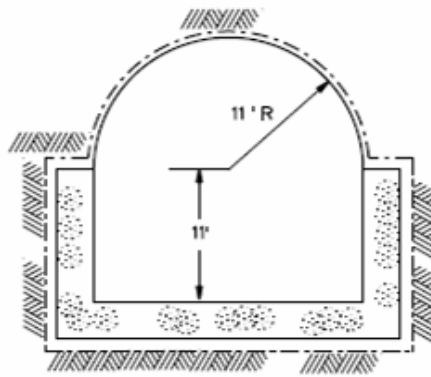


LONGITUDINAL SECTION

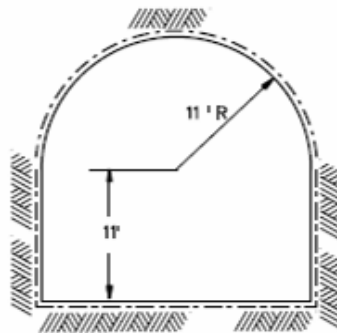
ALABAMA-COOSA-TALLAPOOSA BASIN
SCALE: 1" = 100'
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**LOW LEVEL SLUICE PLAN AND
LONGITUDINAL SECTION**



TYPICAL SECTION
CIRCULAR CONCRETE-LINED
TUNNEL TO STATION 11+51

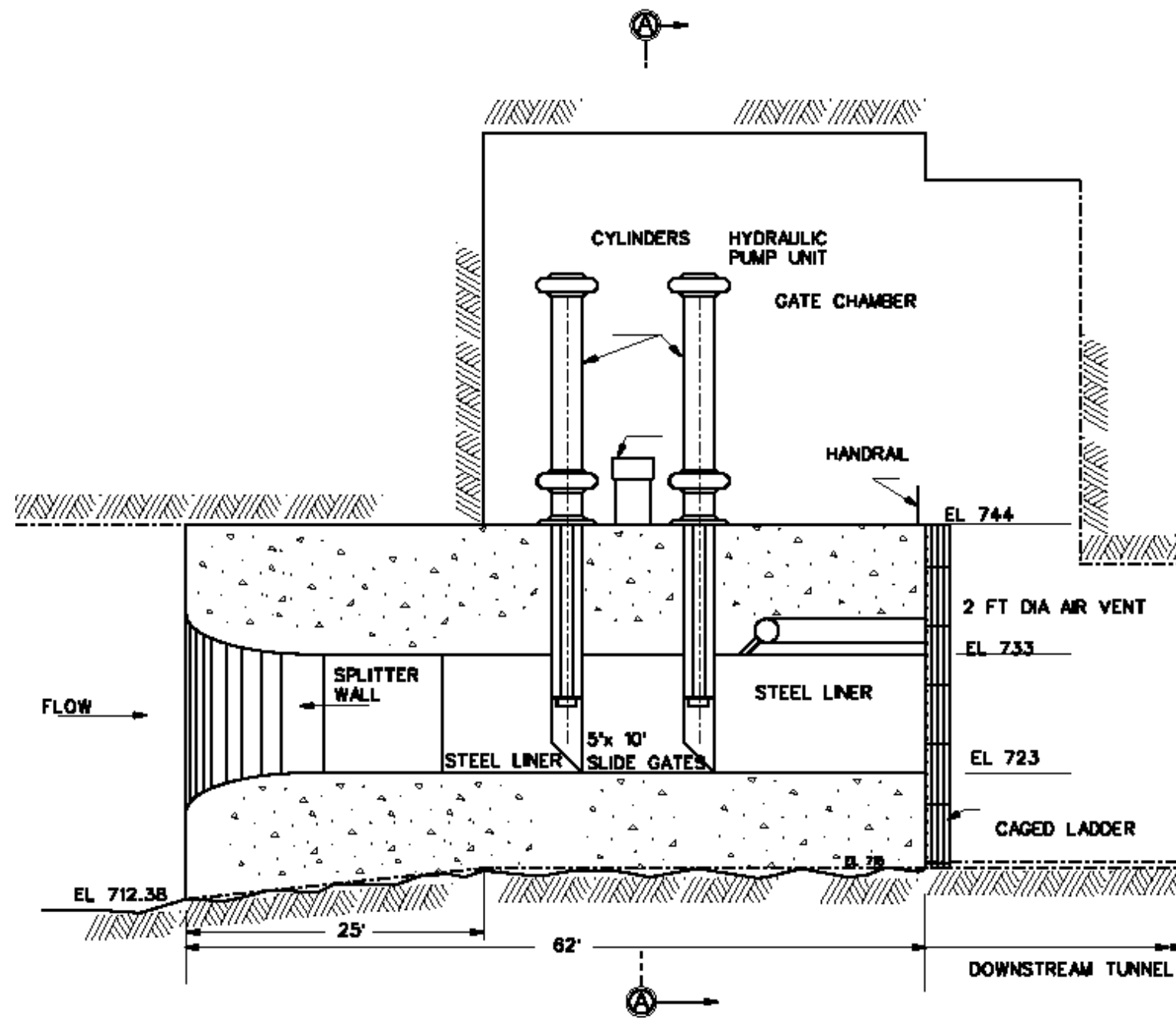


TYPICAL SECTION
CONCRETE-LINED HORSE-SHOE
TUNNEL D/S OF GATE
TO STATION 14+74

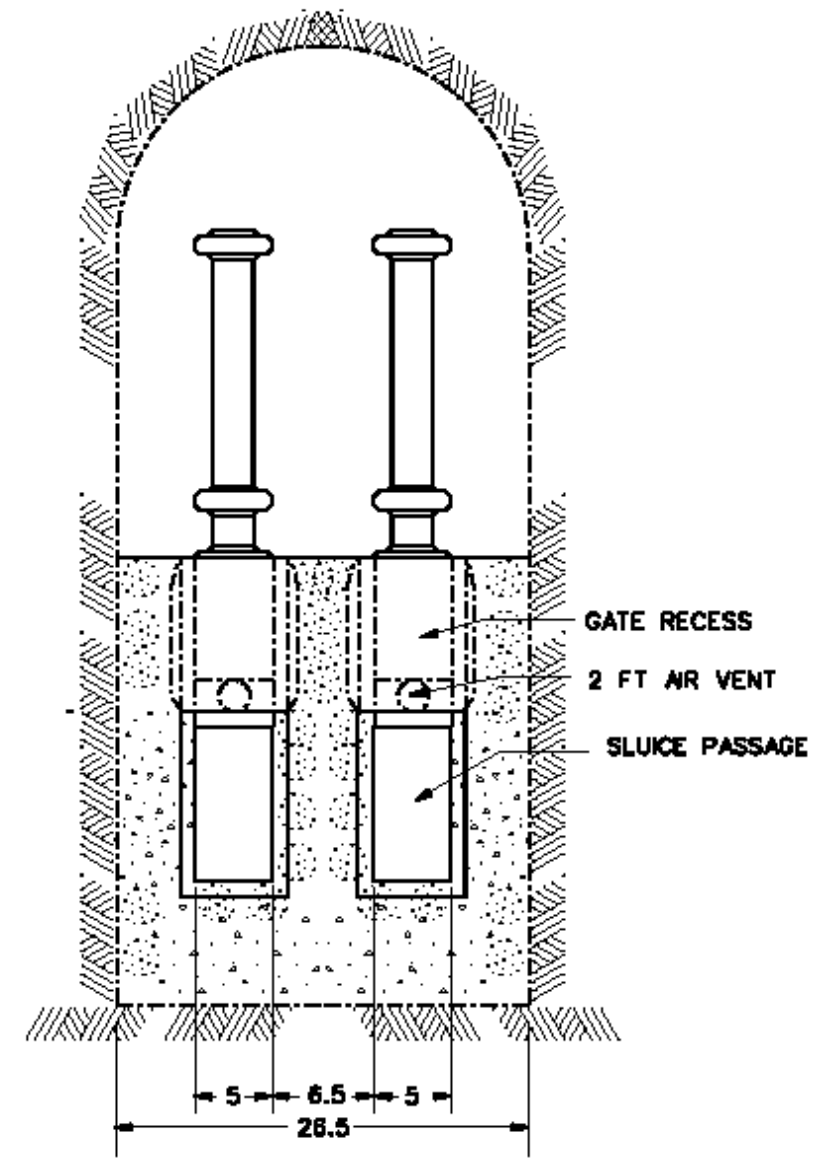


TYPICAL SECTION
UNLINED HORSE-SHOE
TUNNEL D/S OF GATE
TO STATION 27+41

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**LOW LEVEL SLUICE TUNNEL
SECTIONS**

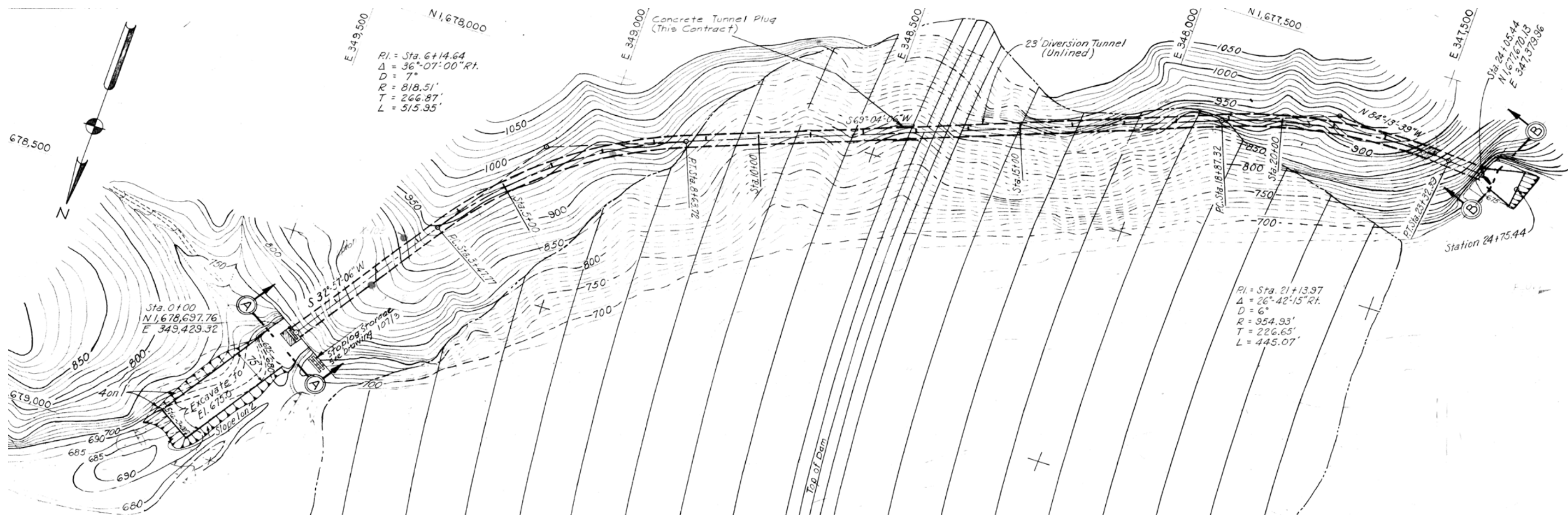


LONGITUDINAL SECTION

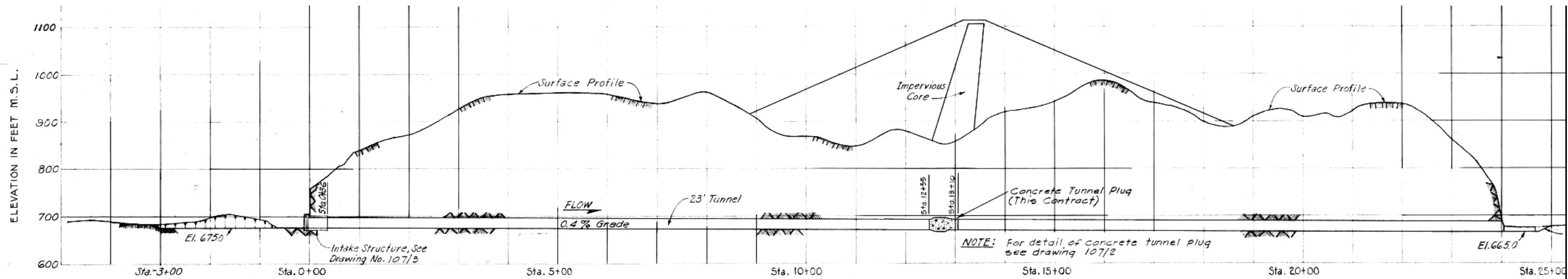


SECTION A-A

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
LOW LEVEL SLUICE GATE
SECTIONS



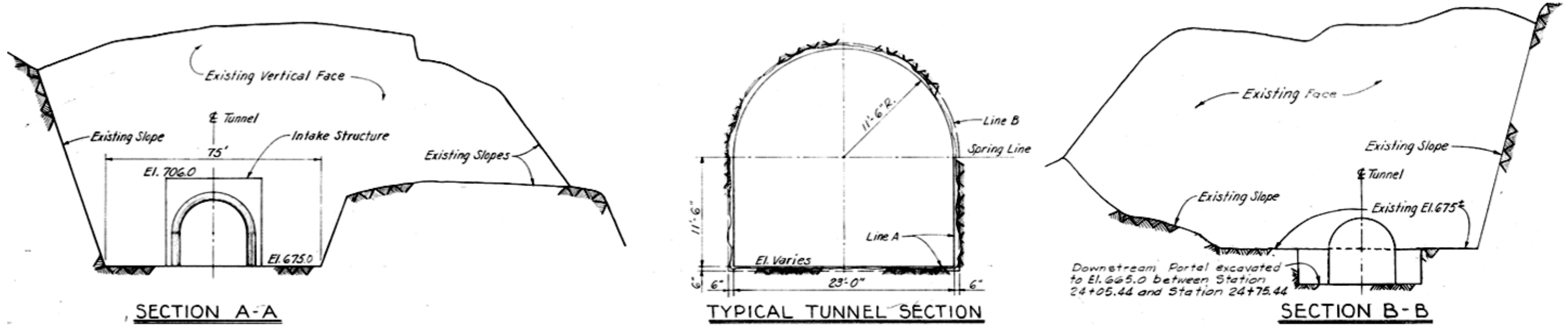
DIVERSION TUNNEL PLAN



DIVERSION TUNNEL PROFILE

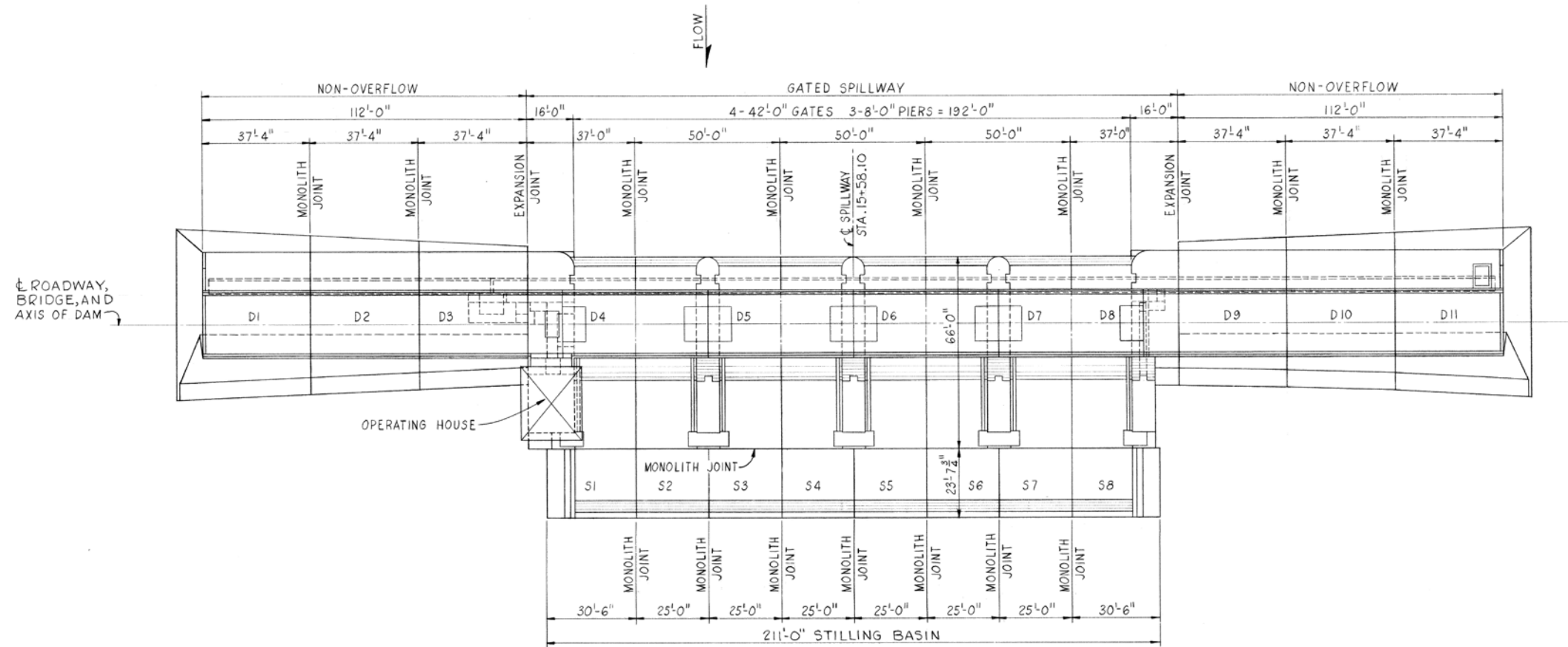
ALABAMA-COOSA-TALLAPOOSA BASIN

RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**DIVERSION TUNNEL PLAN AND
 PROFILE**

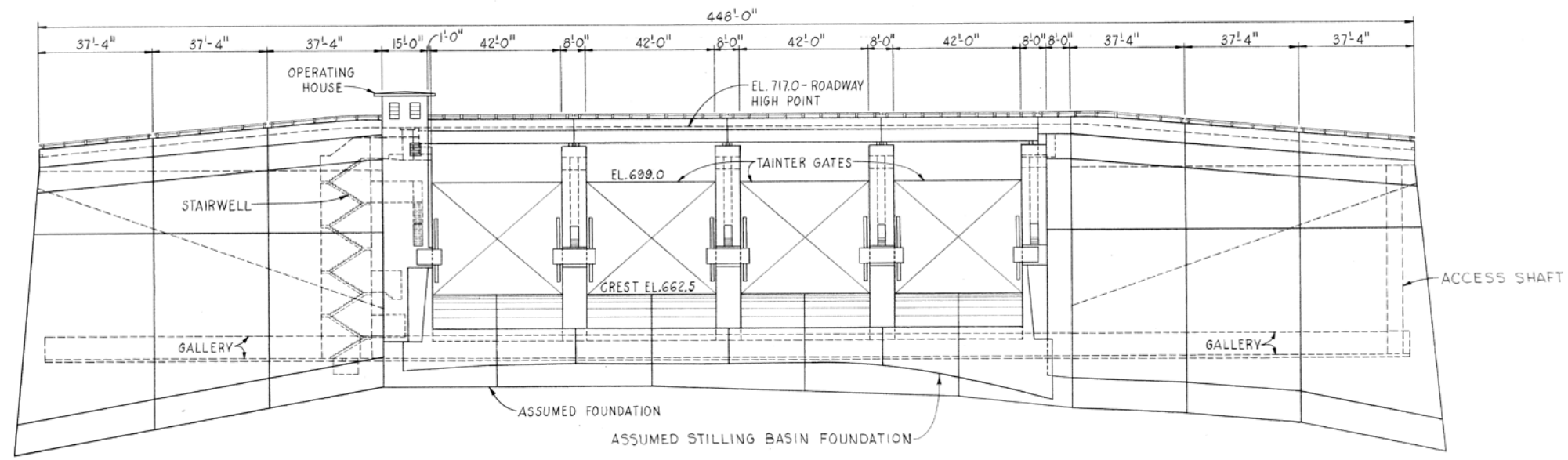


DIVERSION TUNNEL SECTIONS

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
DIVERSION TUNNEL PLAN AND
PROFILE

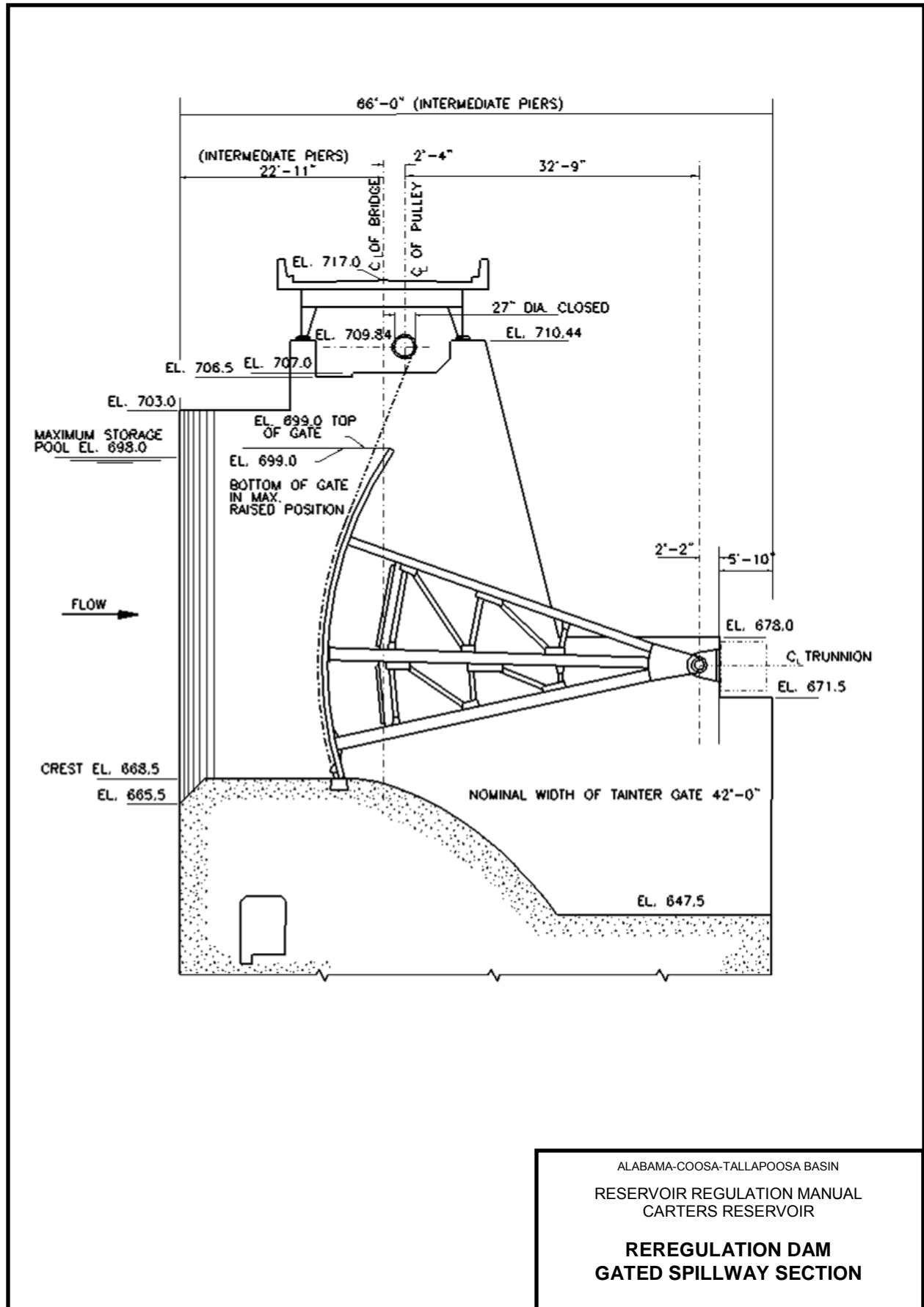


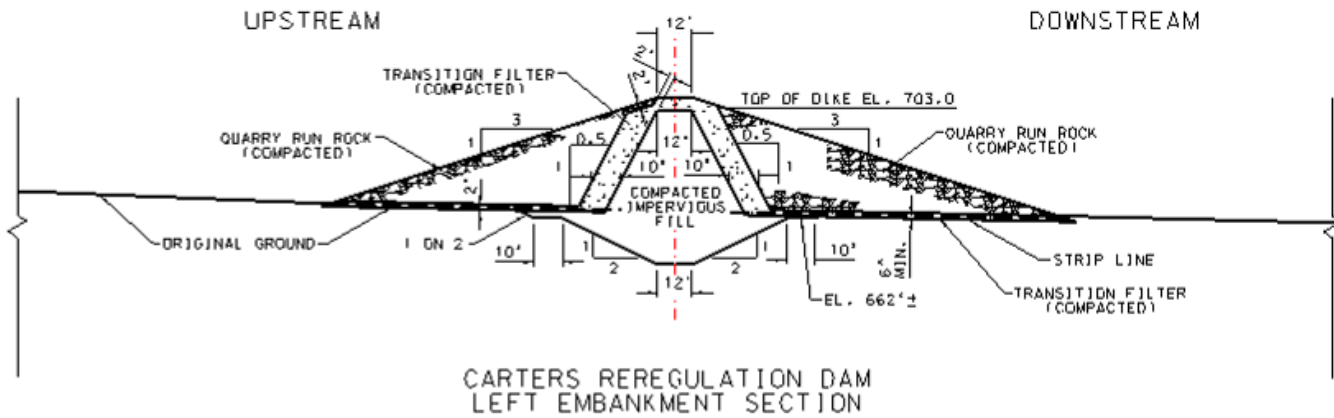
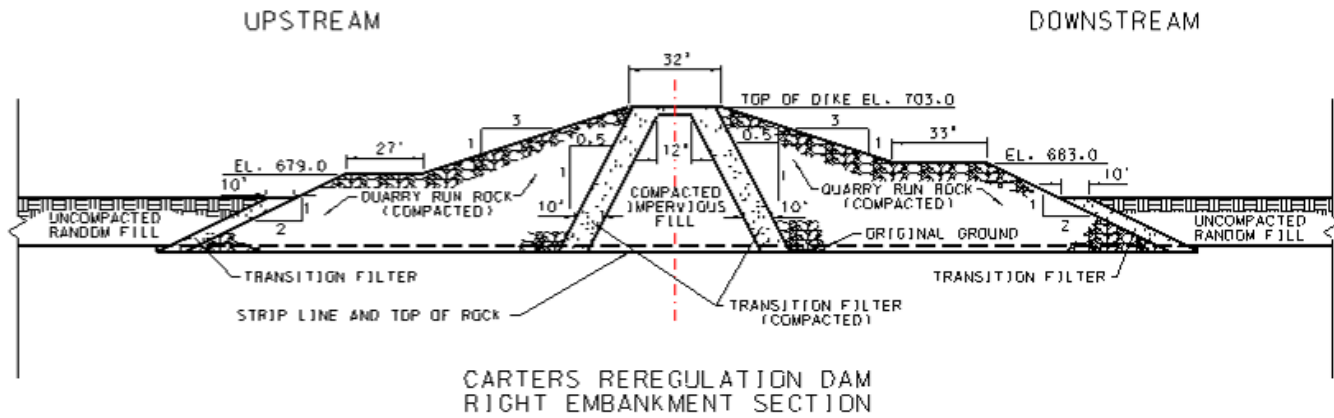
PLAN
SCALE: 1" = 20'



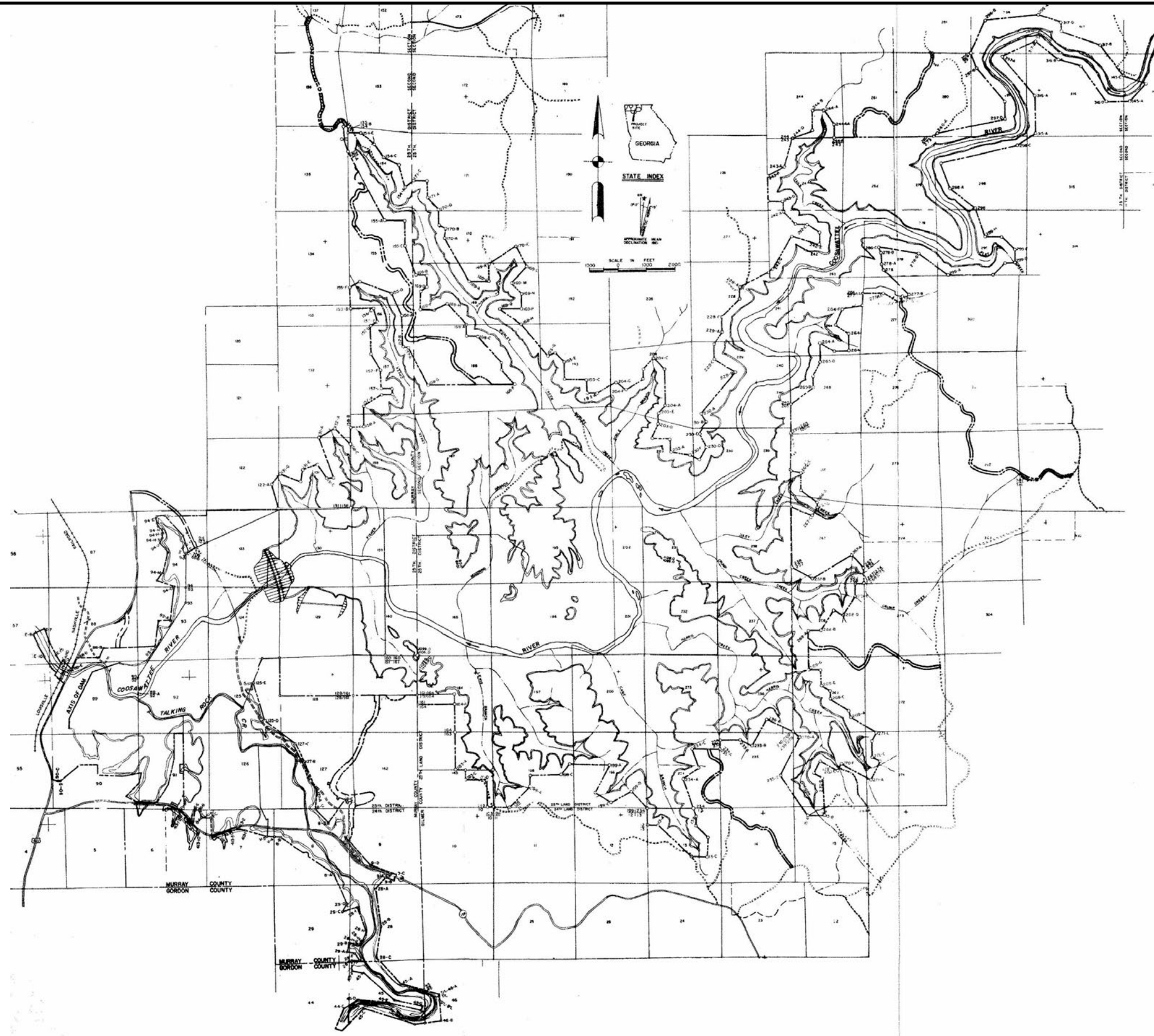
DOWNSTREAM ELEVATION

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**REREGULATION DAM
PLAN AND ELEVATION**

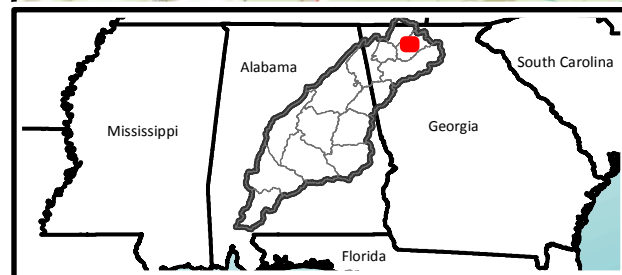
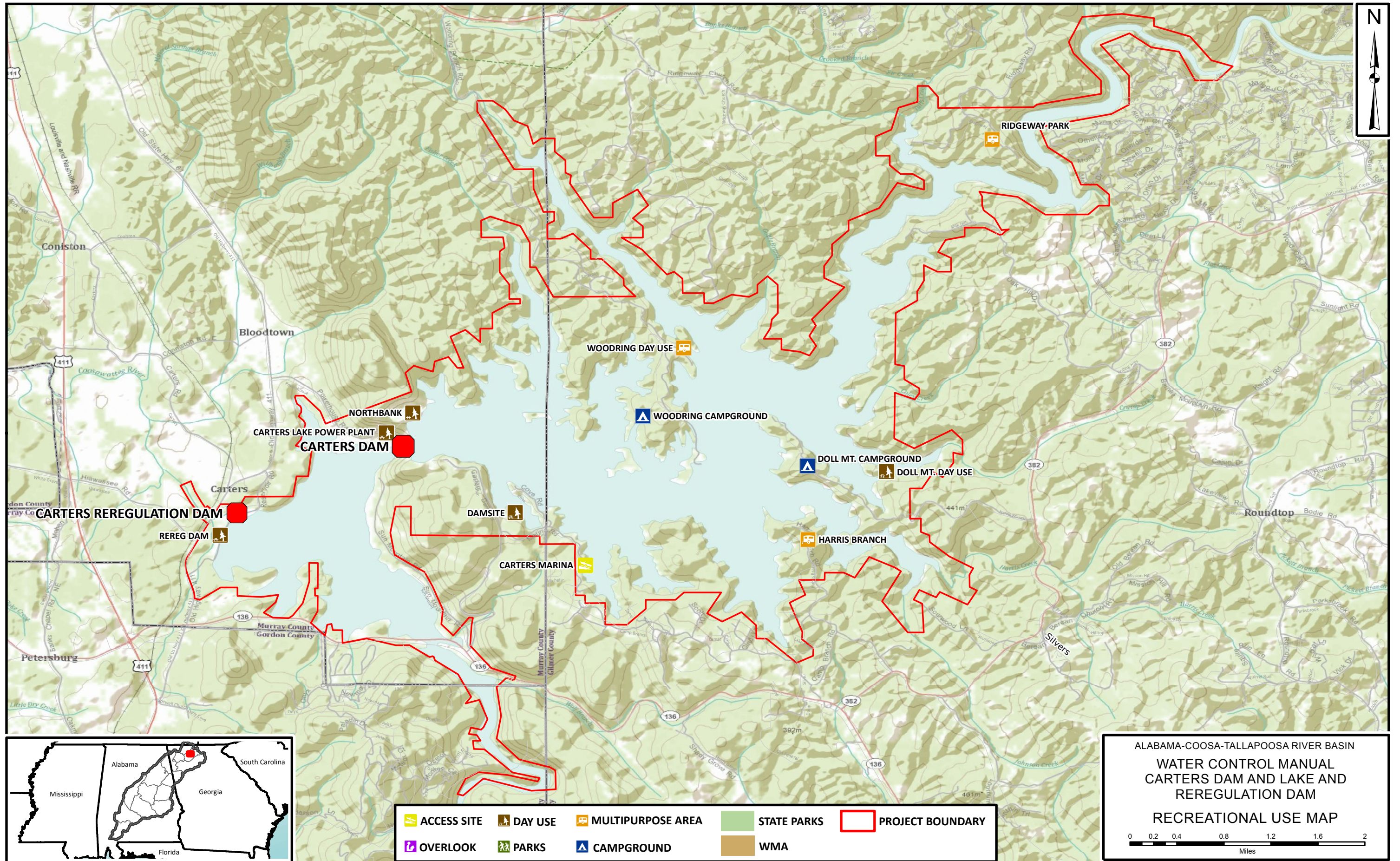


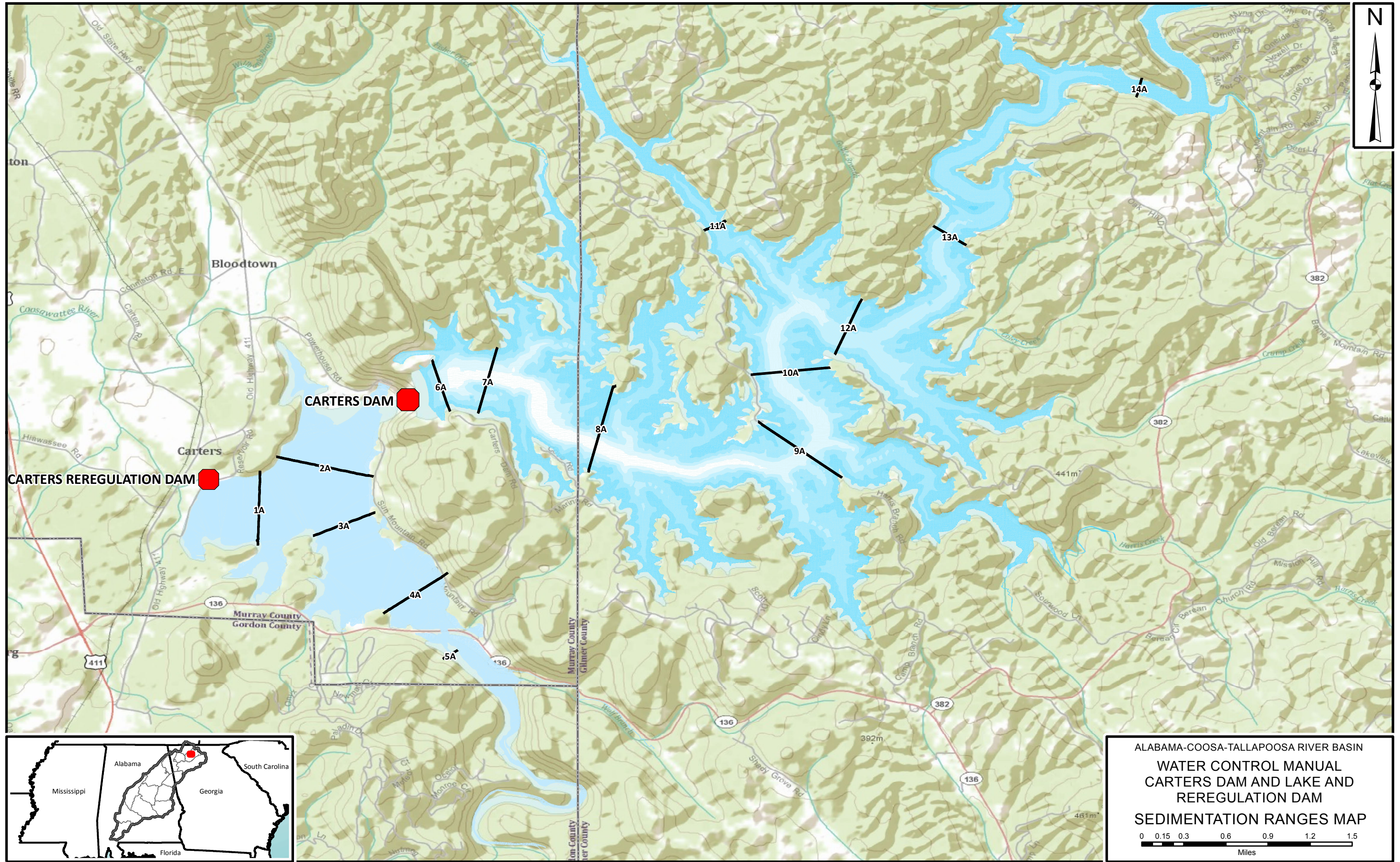


ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**REREGULATION DAM
EMBANKMENT SECTIONS**



ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
LIMITS OF LAND ACQUISITION



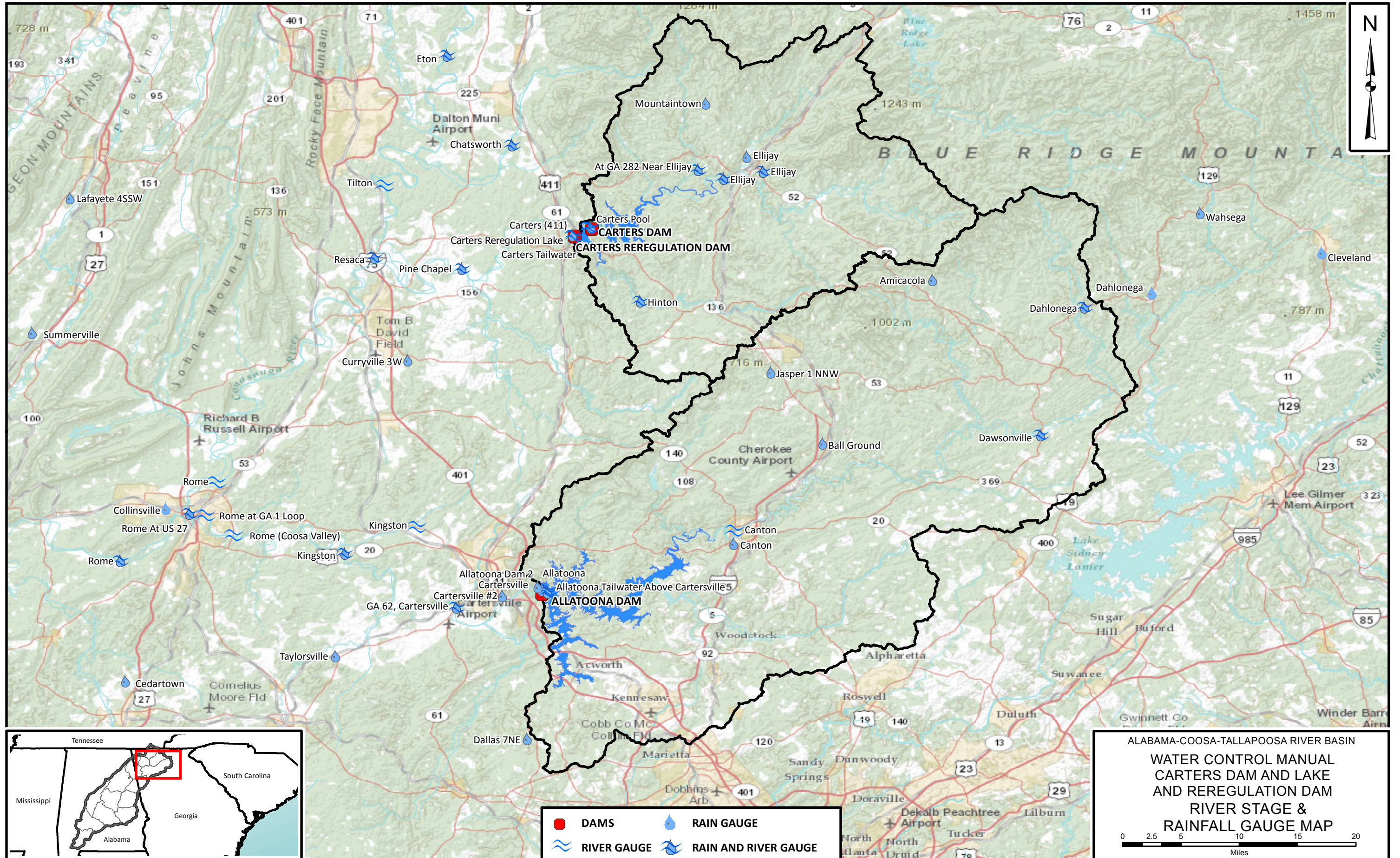


ALABAMA-COOSA-TALLAPOOSA RIVER BASIN
WATER CONTROL MANUAL
CARTERS DAM AND LAKE AND
REREGULATION DAM
SEDIMENTATION RANGES MAP

0 0.15 0.3 0.6 0.9 1.2 1.5
Miles

R005_19MAY11_SEDIMENTATION_RANGES_MAP_11X17.mxd



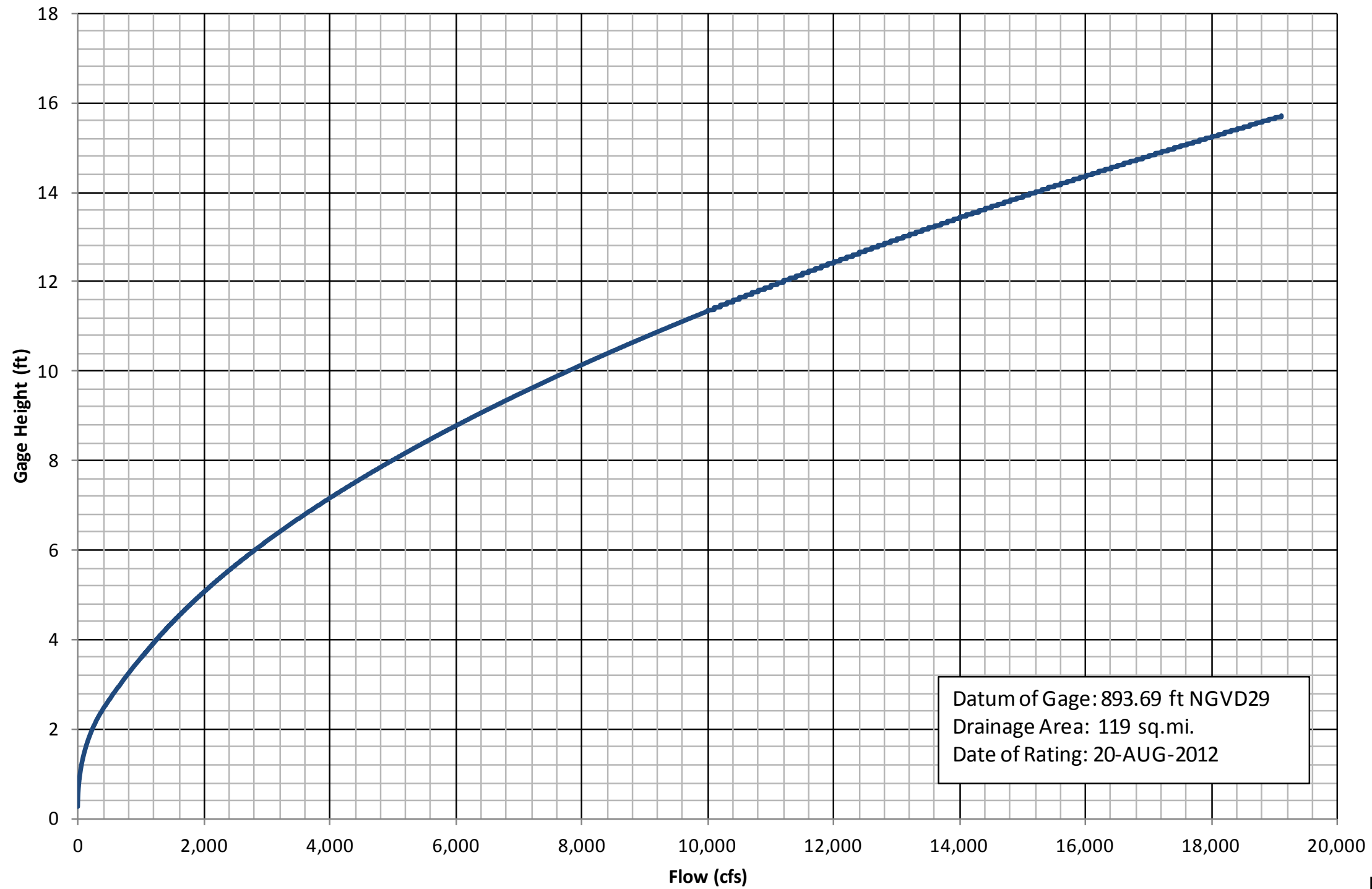


ALABAMA-COOSA-TALAPOOSA RIVER BASIN
 WATER CONTROL MANUAL
 CARTERS DAM AND LAKE
 AND REREGULATION DAM
 RIVER STAGE &
 RAINFALL GAUGE MAP



R006_19MAY11_RAINGAUGE_11X17.MXD

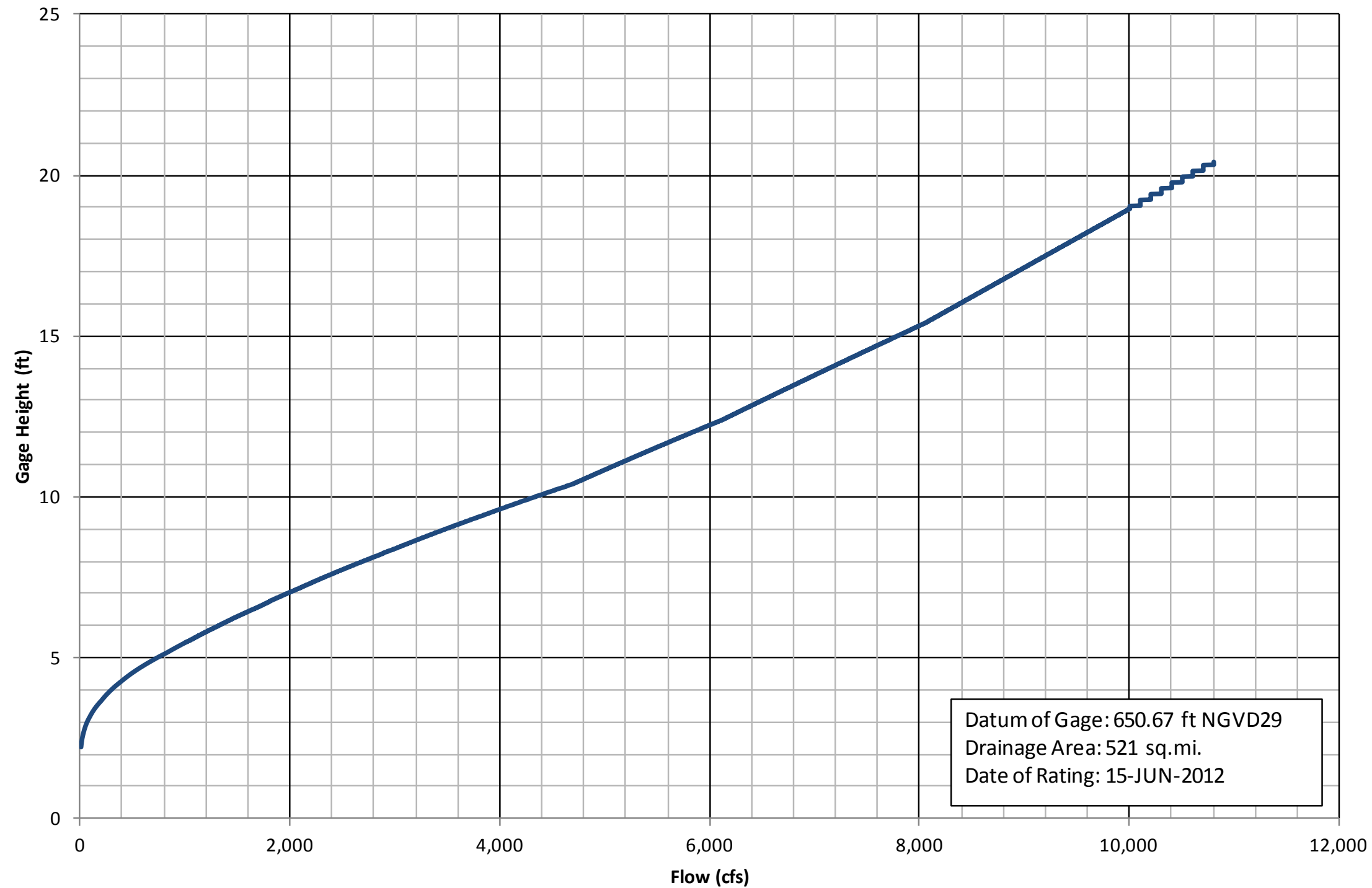
Talking Rock Creek near Hinton (USGS GAGE 02382200)



USGS GAGE 02382200	
FLOW (cfs)	GAGE HT (ft)
0.66	0.25
1.2	0.3
2.9	0.4
5.6	0.5
9.5	0.6
15	0.7
21	0.8
29	0.9
39	1
113	1.5
238	2
432	2.5
685	3
960	3.5
1260	4
1960	5
3840	7
5000	8
6320	9
7800	10
9430	11
11200	12
13100	13
15200	14
17500	15
19100	15.7

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**USGS GAGE 02382200
RATING**

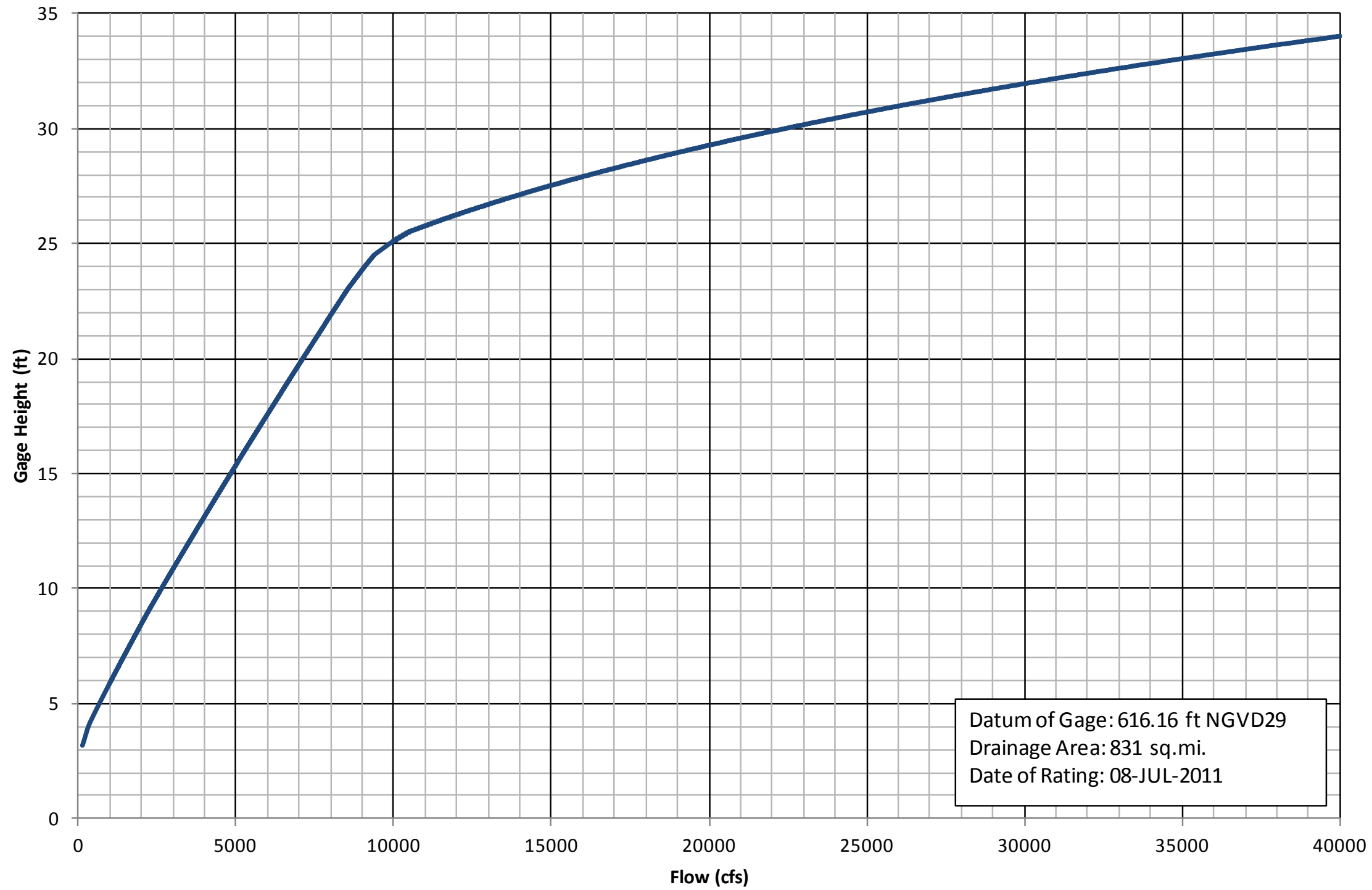
Coosawattee River at Carters (USGS GAGE 02382500)



USGS GAGE 02382500	
FLOW (cfs)	GAGE HT (ft)
7	2.24
8.7	2.3
12	2.4
17	2.5
31	2.7
62	3
93	3.2
130	3.4
178	3.6
231	3.8
290	4
477	4.5
725	5
1310	6
1960	7
2690	8
3470	9
4330	10
5110	11
5820	12
6500	13
7140	14
7790	15
8380	16
8930	17
9480	18
10000	19
10600	20
10800	20.4

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**USGS GAGE 02382500
RATING**

Coosawatte River near Pine Chapel (USGS GAGE 02383500)

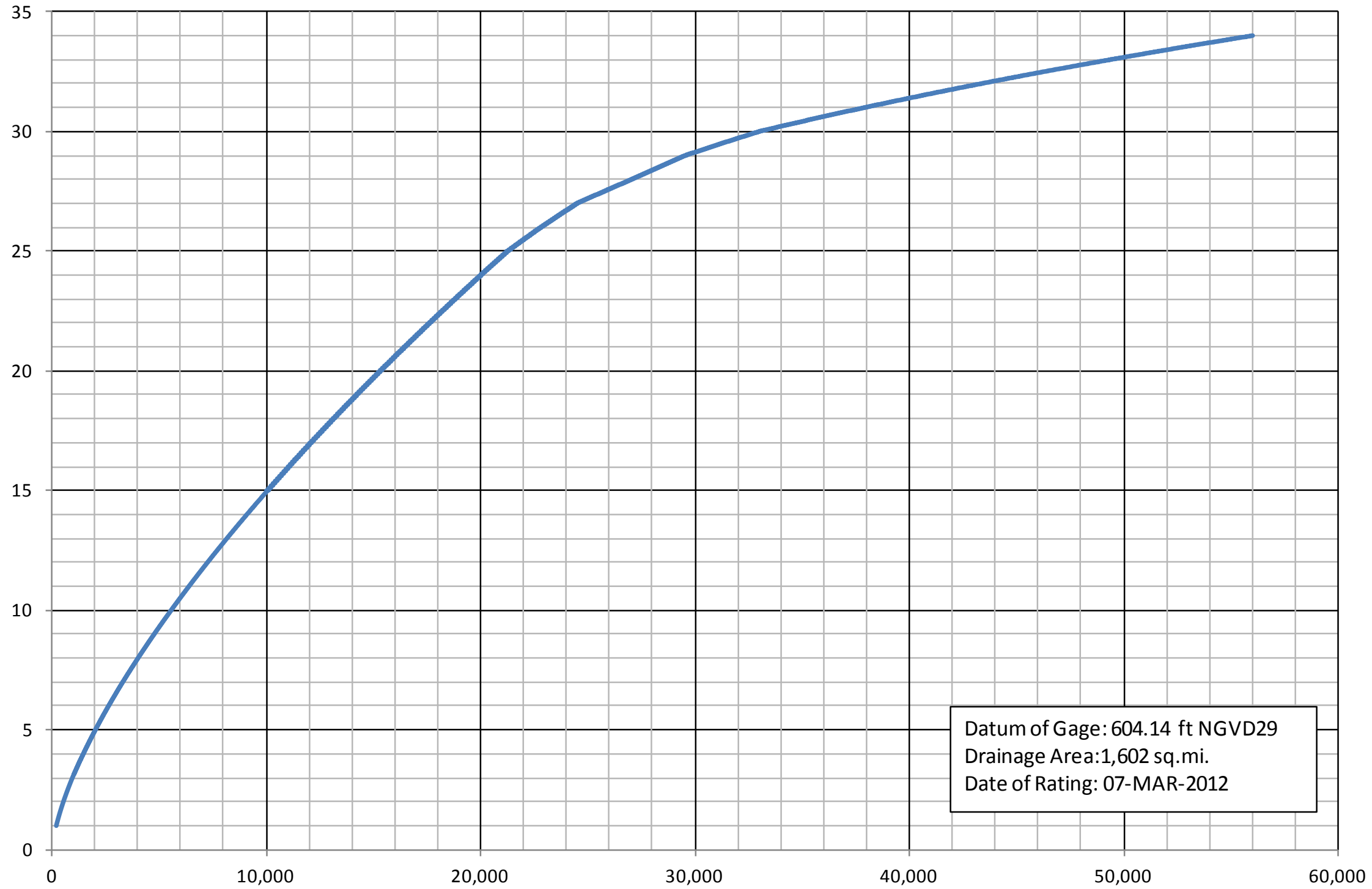


USGS GAGE 02383500	
FLOW (cfs)	GAGE HT (ft)
161	3.21
182	3.3
205	3.4
226	3.5
341	4
508	4.5
690	5
1060	6
1450	7
1840	8
2660	10
3520	12
4850	15
6210	18
7610	21
9100	24
9400	24.5
9900	25
10500	25.5
11500	26
13700	27
22500	30
30300	32
34900	33
40000	34

Datum of Gage: 616.16 ft NGVD29
 Drainage Area: 831 sq.mi.
 Date of Rating: 08-JUL-2011

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
USGS GAGE 02383500
RATING

Oostanaula River at Resaca, GA (USGS GAGE 02387500)

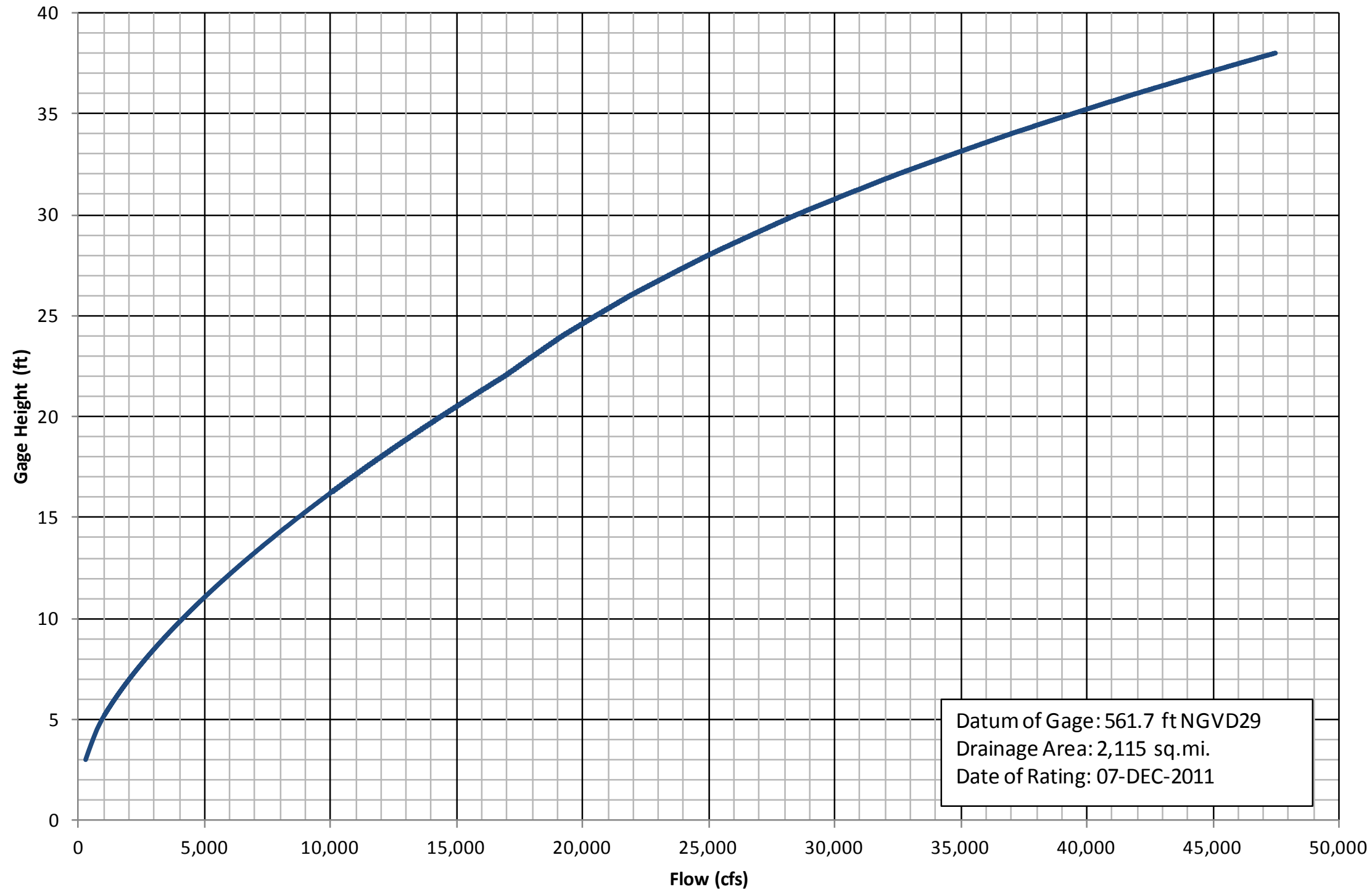


USGS GAGE 02387500			
FLOW (cfs)	GAGE HT (ft)	FLOW (cfs)	GAGE HT (ft)
193	1.01	9080	14
218	1.1	11000	16
342	1.5	13100	18
520	2	15300	20
720	2.5	17600	22
940	3	20000	24
1450	4	21200	25
2010	5	22800	26
2630	6	27000	28
3290	7	29600	29
4000	8	33000	30
4760	9	37900	31
5550	10	43400	32
6380	11	49400	33
7250	12	56000	34

Datum of Gage: 604.14 ft NGVD29
 Drainage Area: 1,602 sq.mi.
 Date of Rating: 07-MAR-2012

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
USGS GAGE 02387500
RATING

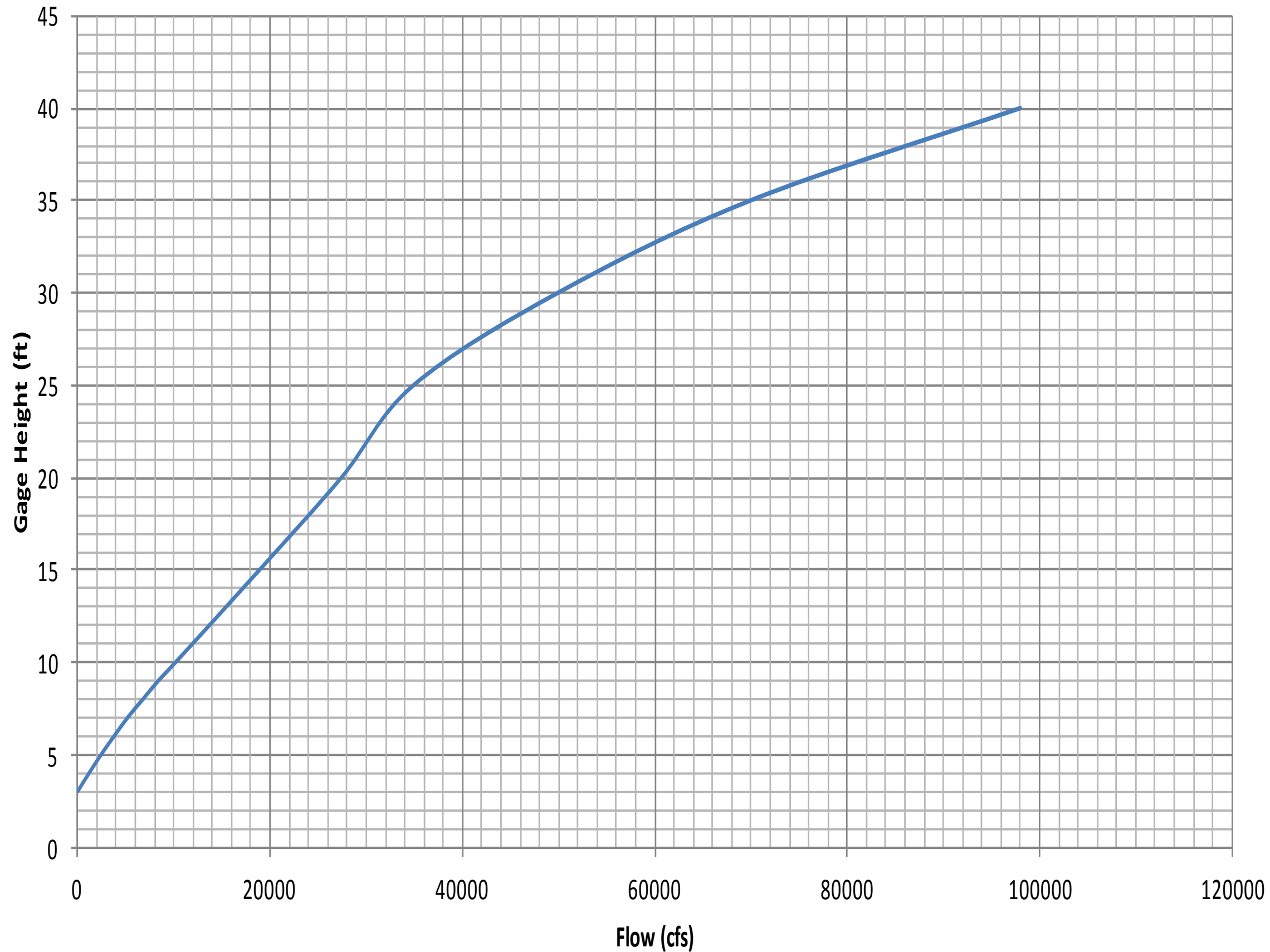
Oostanaula River near Rome, GA (USGS GAGE 02388500)



USGS GAGE 02388500			
FLOW (cfs)	GAGE HT (ft)	FLOW (cfs)	GAGE HT (ft)
260	3	9760	16
400	3.5	12000	18
550	4	14400	20
710	4.5	15600	21
910	5	16900	22
1150	5.5	18000	23
1420	6	19200	24
2000	7	21900	26
2650	8	25000	28
3360	9	28500	30
4120	10	32500	32
4940	11	37000	34
5810	12	42000	36
6730	13	47500	38
7700	14		

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**USGS GAGE 02388500
RATING**

OOSTANAULA GAGE AT US 27 vs. FLOW AT OOSTANAULA/ETOWAH CONFLUENCE

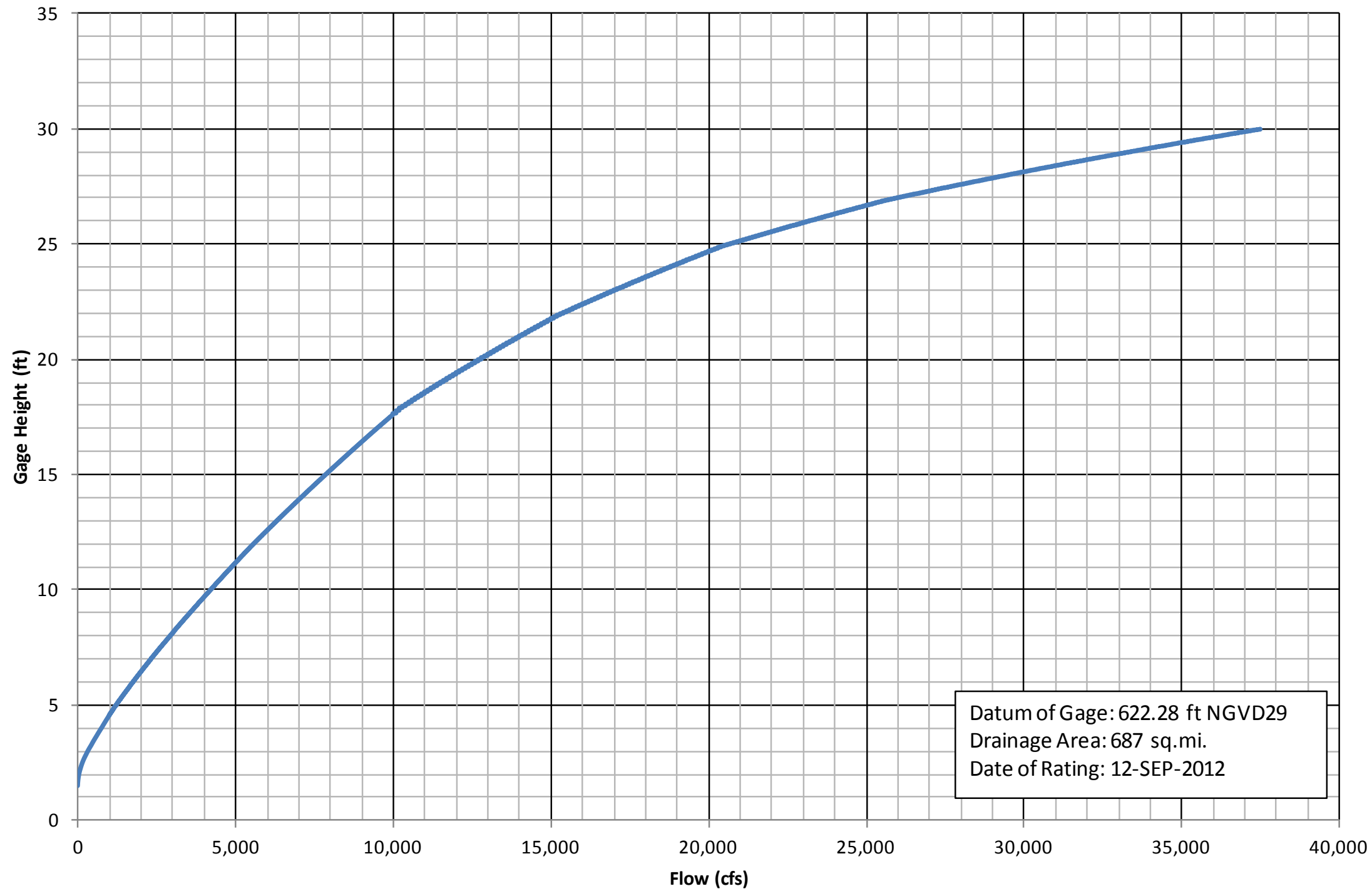


OOSTANAULA GAGE AT US 27 vs. FLOW AT OOSTANAULA/ETOWAH CONFLUENCE	
GAGE HT (ft)	FLOW (cfs)
3	100
4	1300
5	2550
6	3900
7	5300
8	6900
9	8500
10	10300
15	19000
20	27500
25	35000
30	50000
35	70000
40	98000

STAGE FROM USGS GAGE 02388525
 OOSTANAULA RIVER AT US 27
 DA 2149 sq. mi. Datum 561.70 ft NGVD29

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
 OOSTANAULA GAGE AT US 27 vs. FLOW
 AT OOSTANAULA/ETOWAH CONFLUENCE

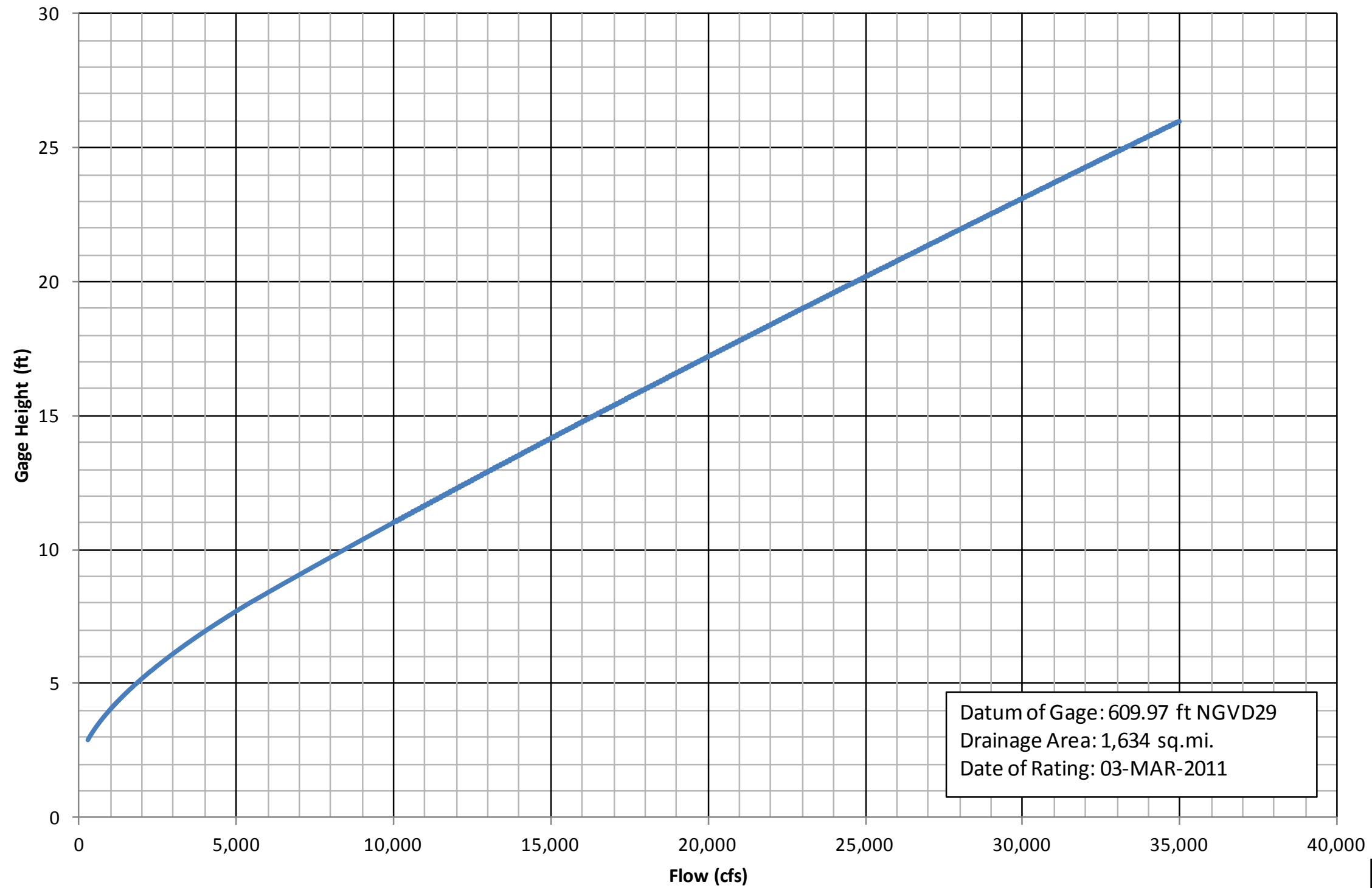
Conasauga River at Tilton (USGS GAGE 02387000)



USGS GAGE 02388500	
FLOW (cfs)	GAGE HT (ft)
5.3	1.51
9.1	1.6
23	1.8
46	2
154	2.5
325	3
533	3.5
756	4
1220	5
1760	6
2930	8
4220	10
5580	12
7080	14
8660	16
10400	18
10900	18.5
11500	19
12700	20
15400	22
18800	24
23200	26
29500	28
37500	30

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**USGS GAGE 02387000
 RATING**

Etowah River near Kingston (USGS GAGE 02395000)

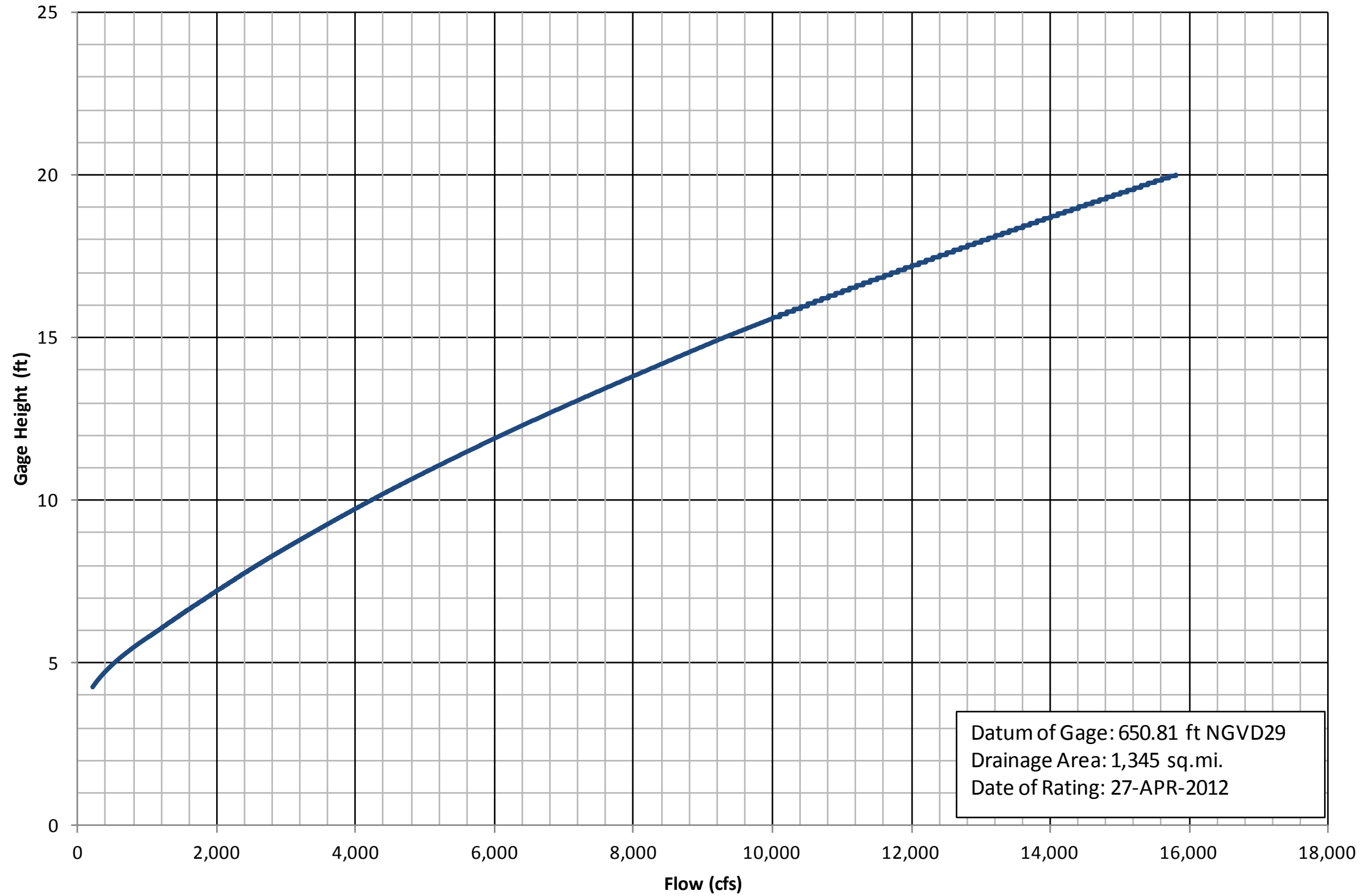


Datum of Gage: 609.97 ft NGVD29
 Drainage Area: 1,634 sq.mi.
 Date of Rating: 03-MAR-2011

USGS GAGE 02395000	
FLOW (cfs)	GAGE HT (ft)
270	2.9
319	3
605	3.5
953	4
1810	5
2850	6
4050	7
5400	8
6900	9
8420	10
11500	12
14700	14
18000	16
21300	18
24700	20
28100	22
31500	24
35000	26

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**USGS GAGE 02395000
 RATING**

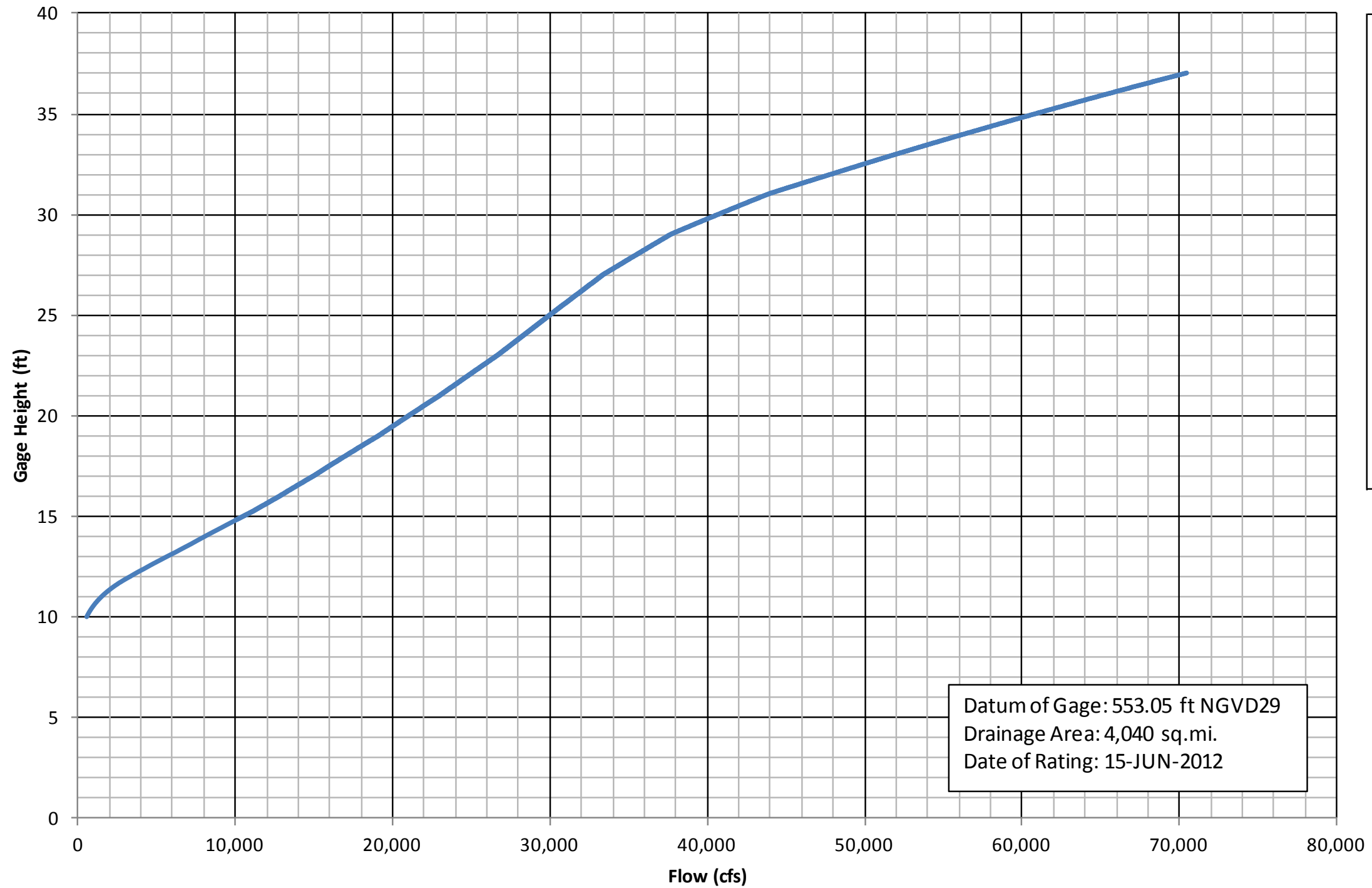
Etowah River at GA 61, near Cartersville (USGS GAGE 02394670)



USGS GAGE 02394670	
FLOW (cfs)	GAGE HT (ft)
259	4.4
525	5
817	5.5
1160	6
1850	7
2580	8
3380	9
4220	10
5130	11
6100	12
7130	13
8200	14
9300	15

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**USGS GAGE 02394670
RATING**

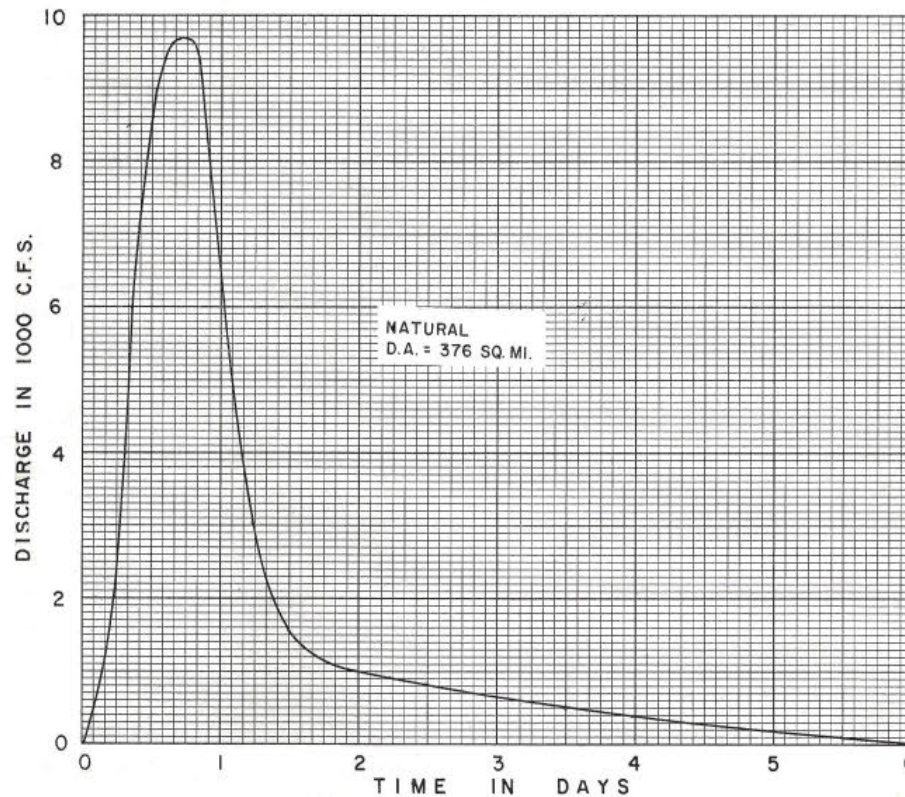
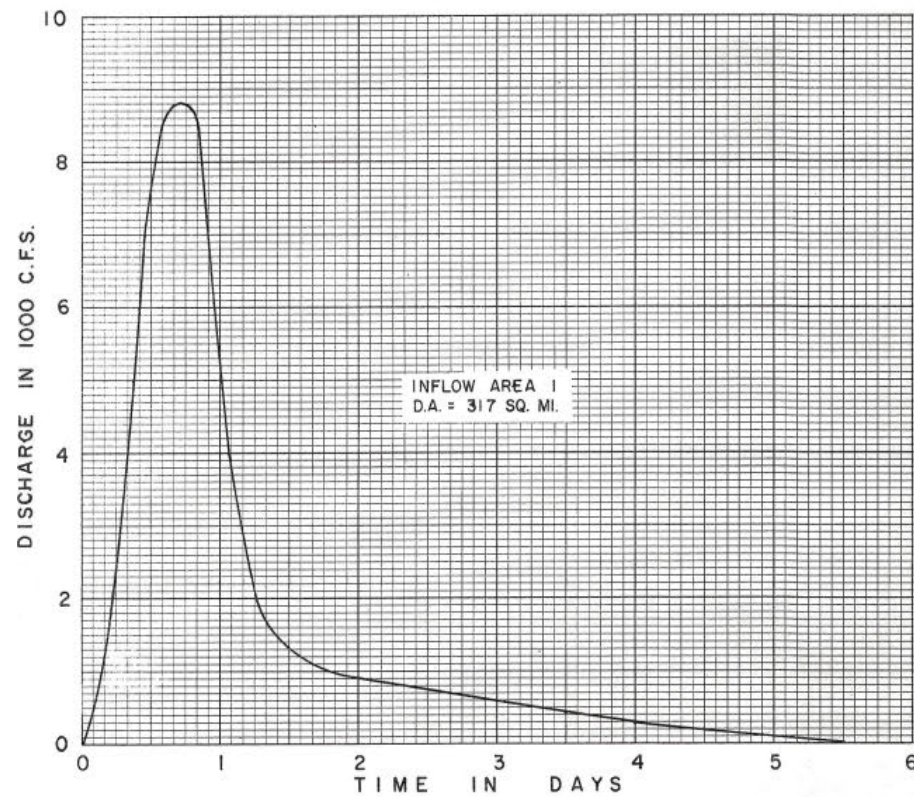
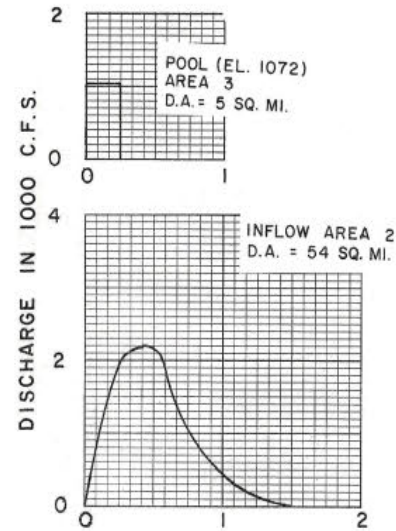
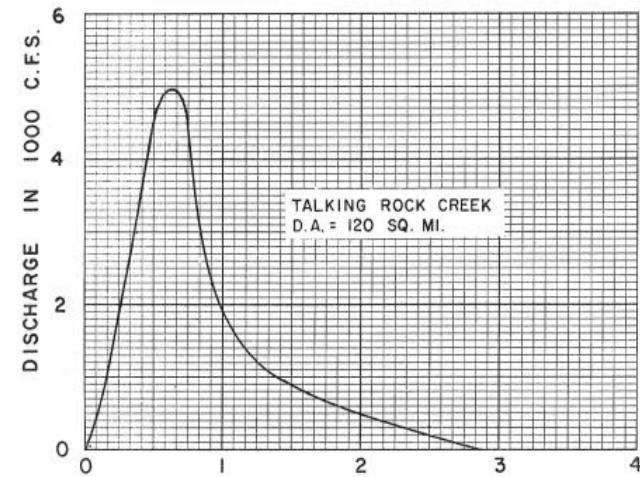
Coosa River near Rome, GA (USGS GAGE 02397000)



Datum of Gage: 553.05 ft NGVD29
 Drainage Area: 4,040 sq.mi.
 Date of Rating: 15-JUN-2012

USGS GAGE 0397000			
FLOW (cfs)	GAGE HT (ft)	FLOW (cfs)	GAGE HT (ft)
510	10	21000	20
722	10.3	24800	22
894	10.5	28300	24
1090	10.7	31700	26
1450	11	33400	27
1890	11.3	35500	28
2230	11.5	37700	29
2610	11.7	40800	30
3280	12	48000	32
5640	13	56500	34
8050	14	65700	36
12800	16	70500	37
17000	18		

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**USGS GAGE 02397000
 RATING**

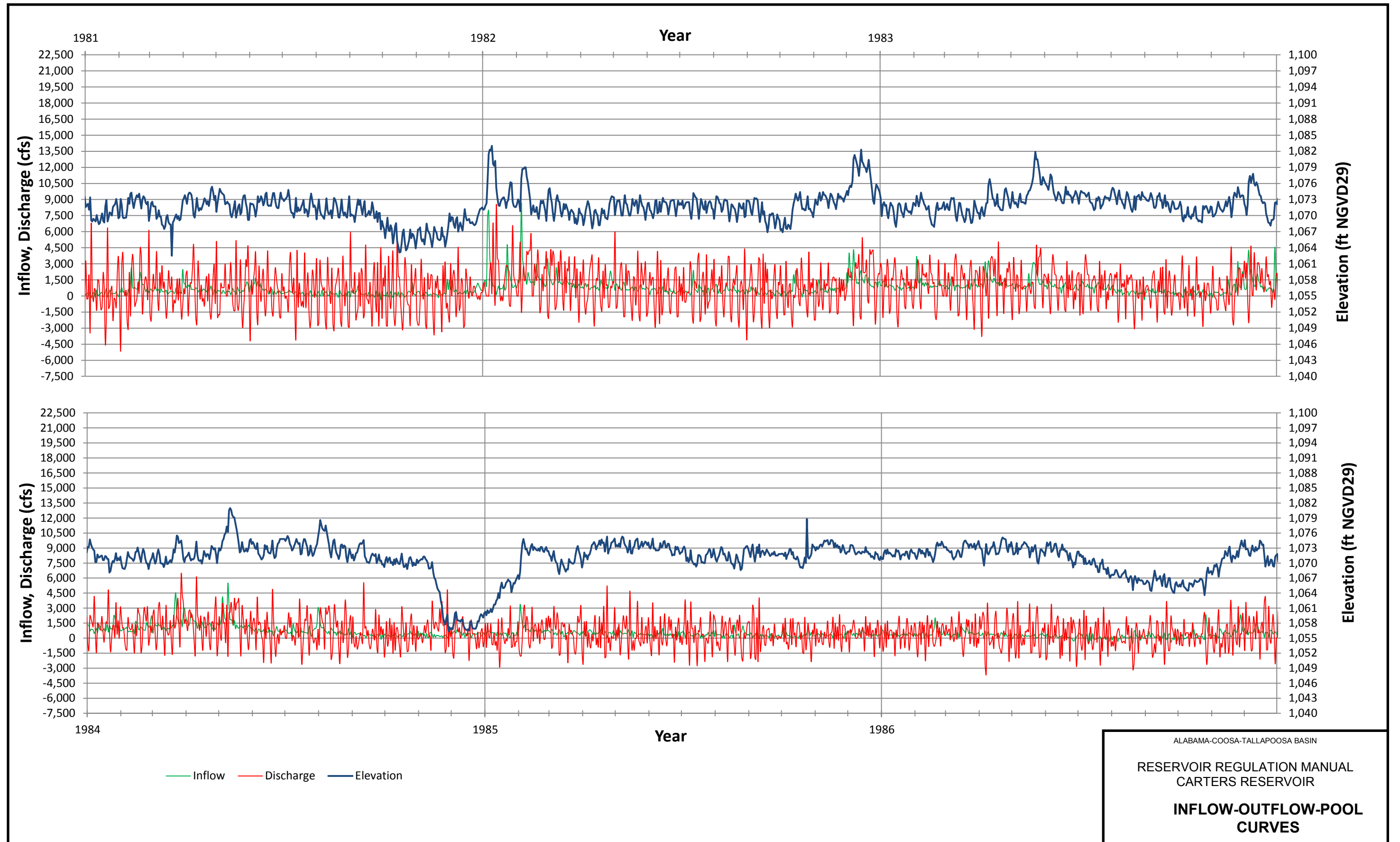


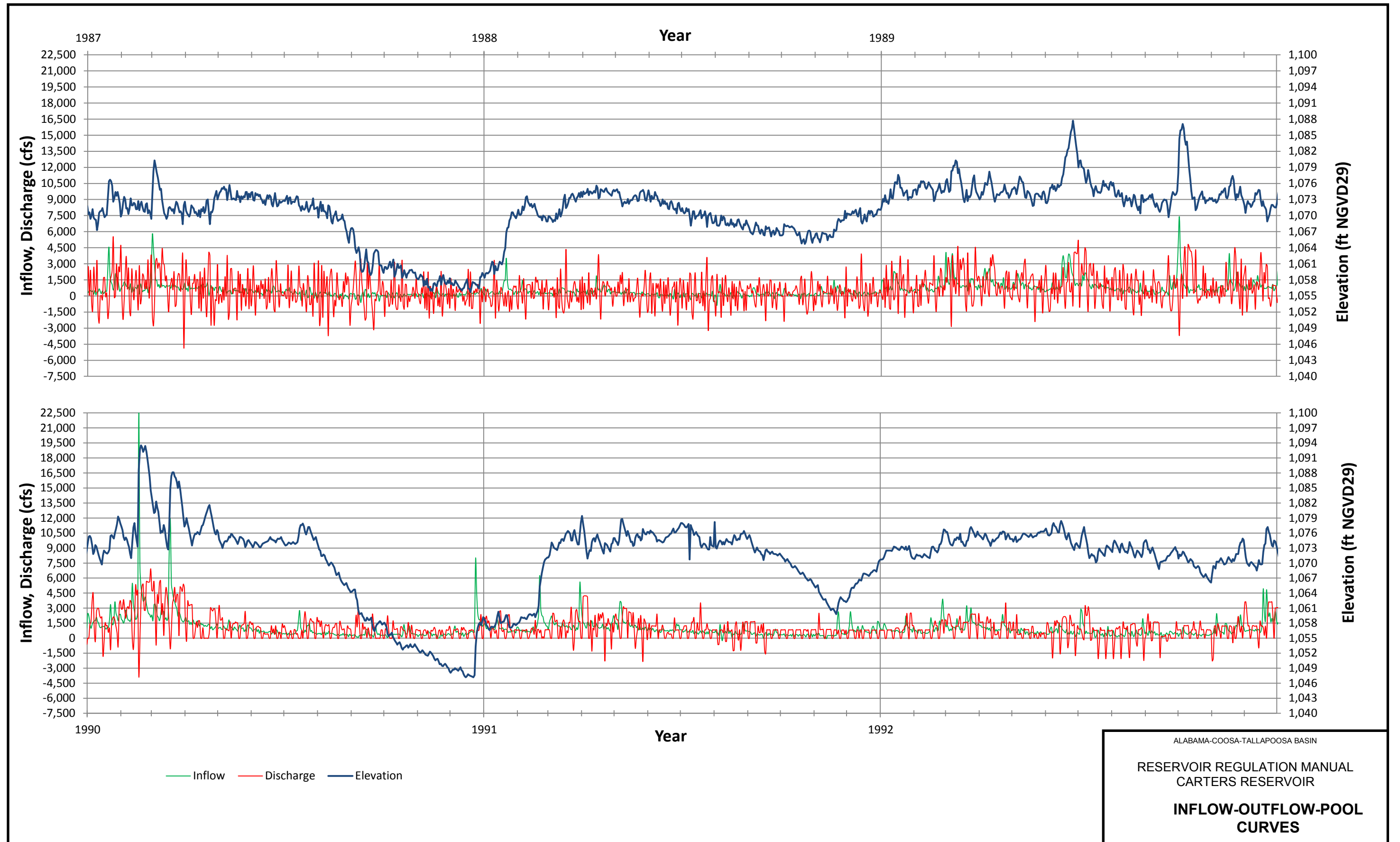
Carters Project 6-Hour Unit Hydrographs

Time (hrs)	Area 1 DA=317 (sq mi)	Area 2 DA=54 (sq mi)	Area 3 DA=5 (sq mi)	Natural (Pre-Project) DA=376	Talking Rock Cr DA=120 (sq mi)
0	0	0	1.1	0	0
6	2.45	1.9	1.1	2.4	1.9
12	7.65	2.8		8.6	4.52
18	8.8	1.4		9.7	4.4
24	5.25	0.43		6.45	1.9
30	2.08	0.13		2.9	1.2
36	1.33	0		1.55	0.89
42	1.03			1.15	0.68
48	0.91			1	0.46
54	0.83			0.9	0.33
60	0.75			0.81	0.2
66	0.68			0.72	0.075
72	0.6			0.66	0
78	0.51			0.59	
84	0.44			0.51	
90	0.38			0.46	
96	0.3			0.39	
102	0.23			0.32	
108	0.19			0.28	
114	0.14			0.22	
120	0.1			0.18	
126	0.07			0.12	
132	0			0.09	
138				0.05	
144				0	

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**6-HOUR UNIT
HYDROGRAPHS**

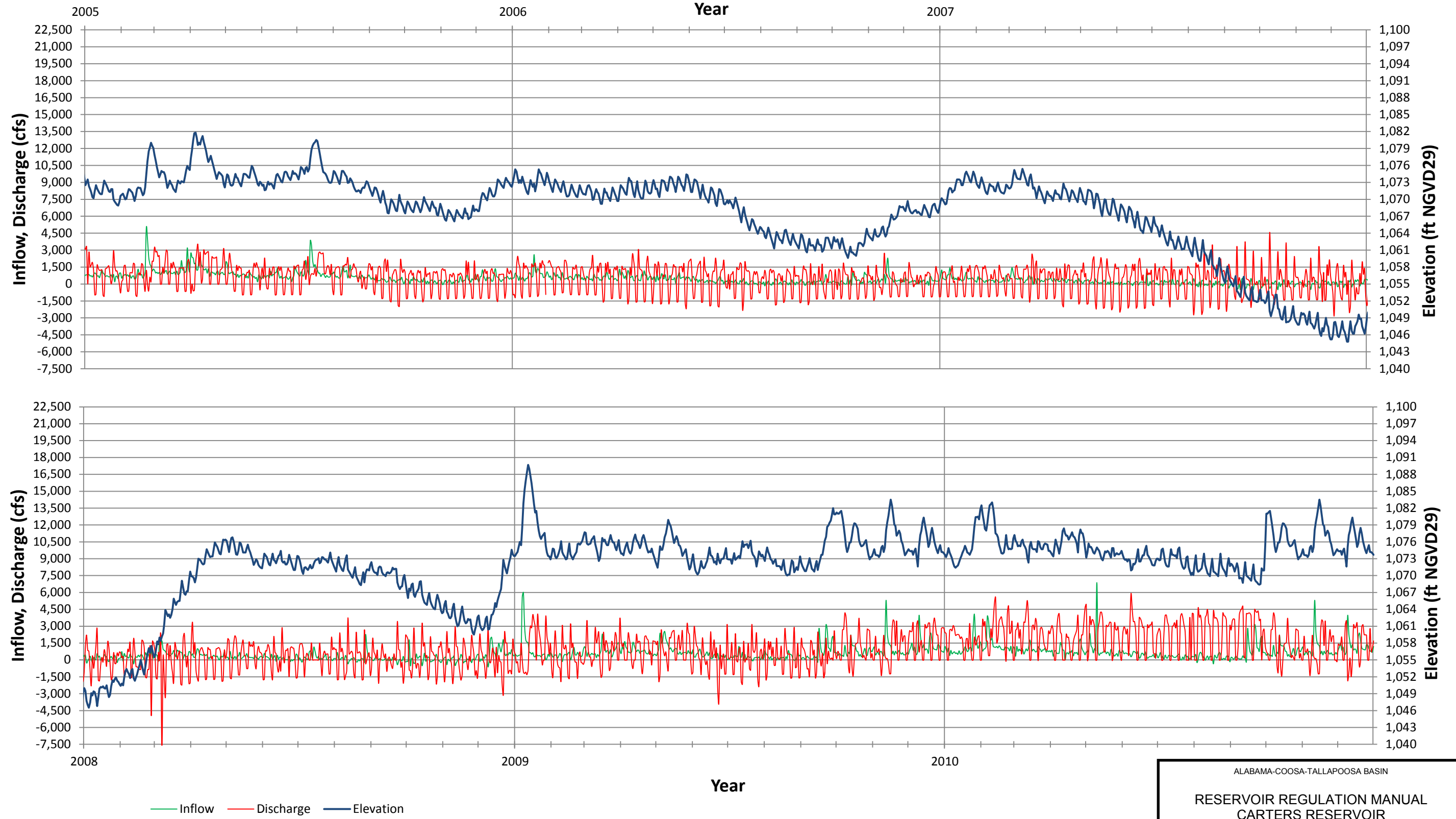






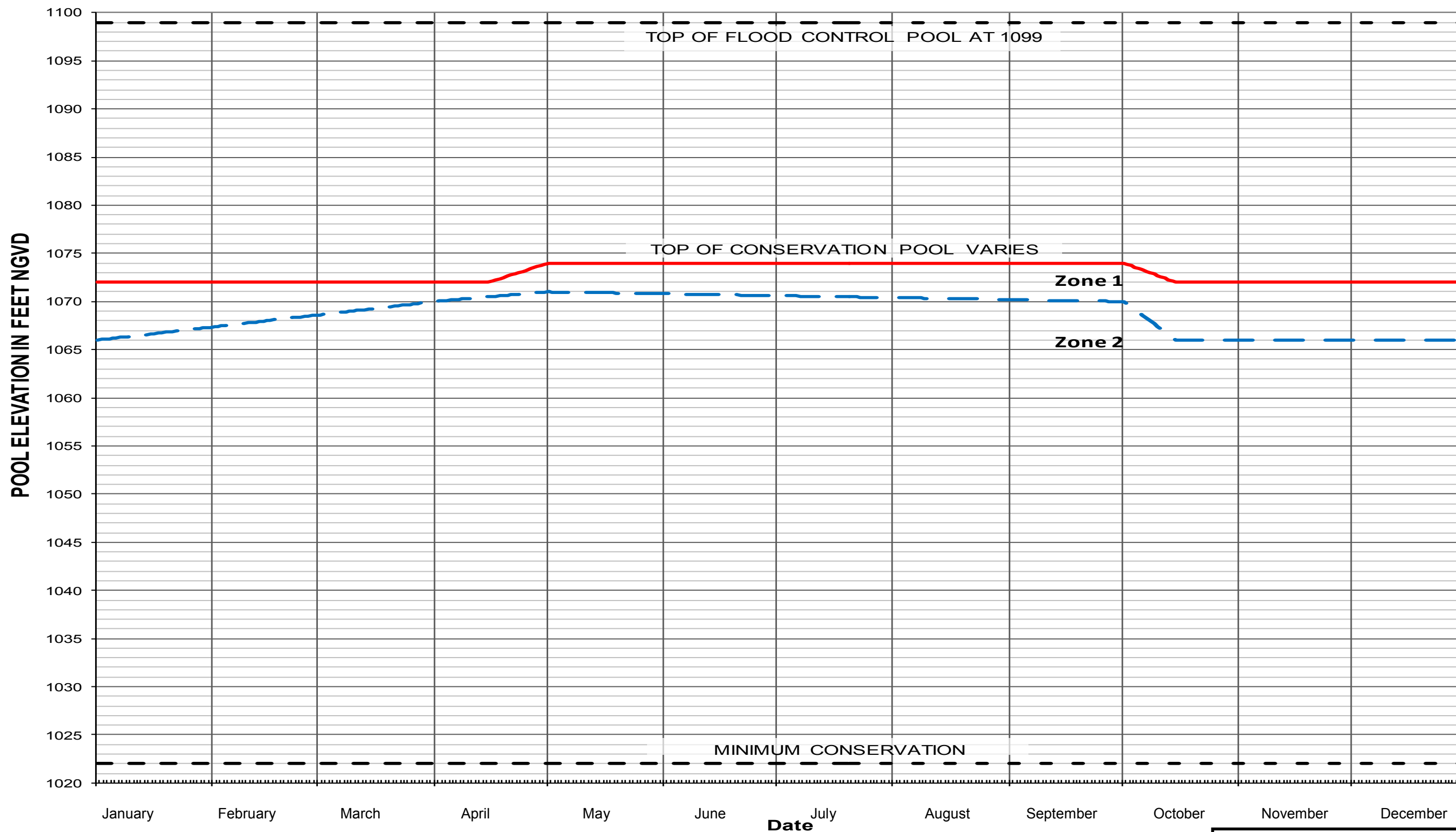






— Inflow — Discharge — Elevation

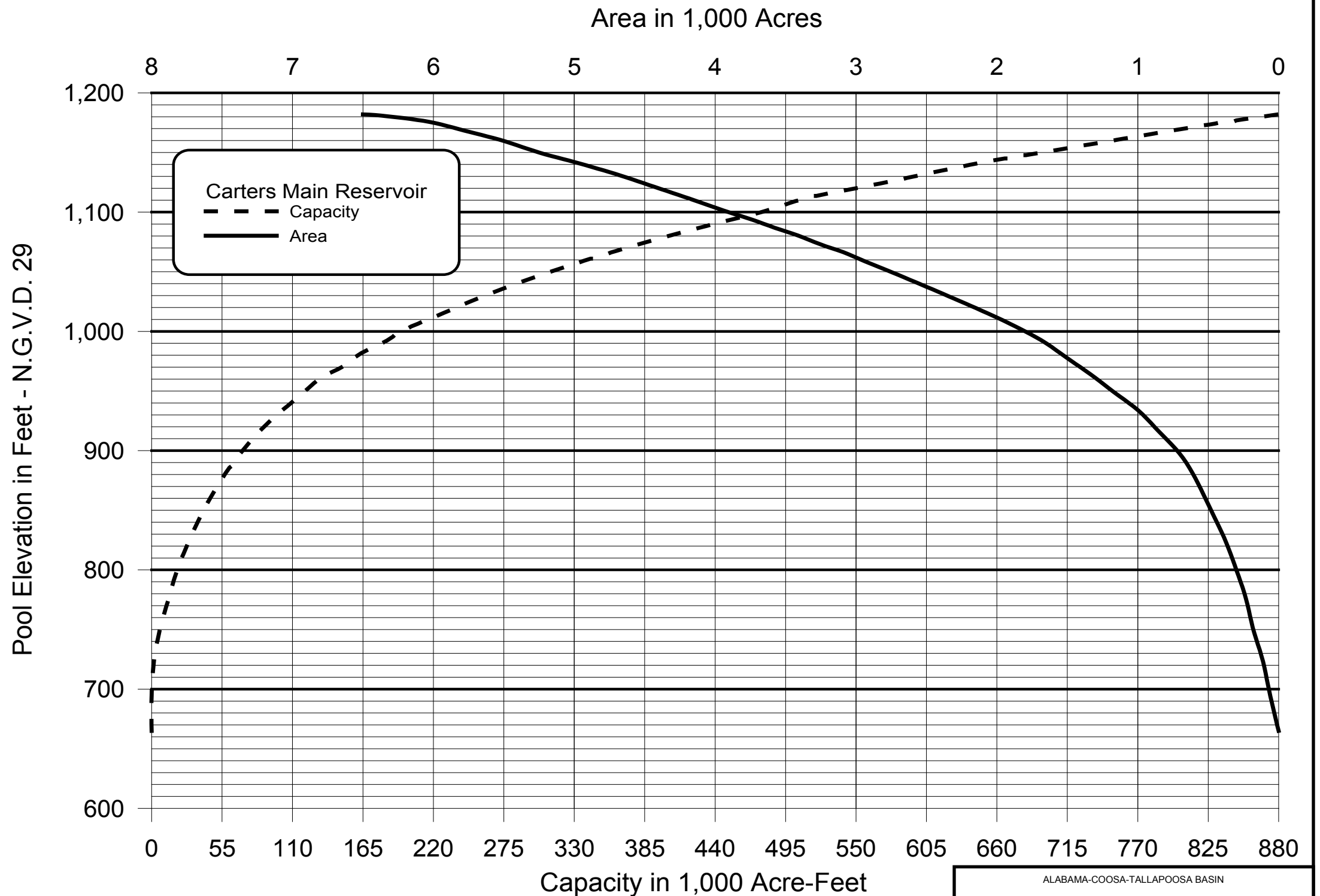
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
INFLOW-OUTFLOW-POOL
CURVES



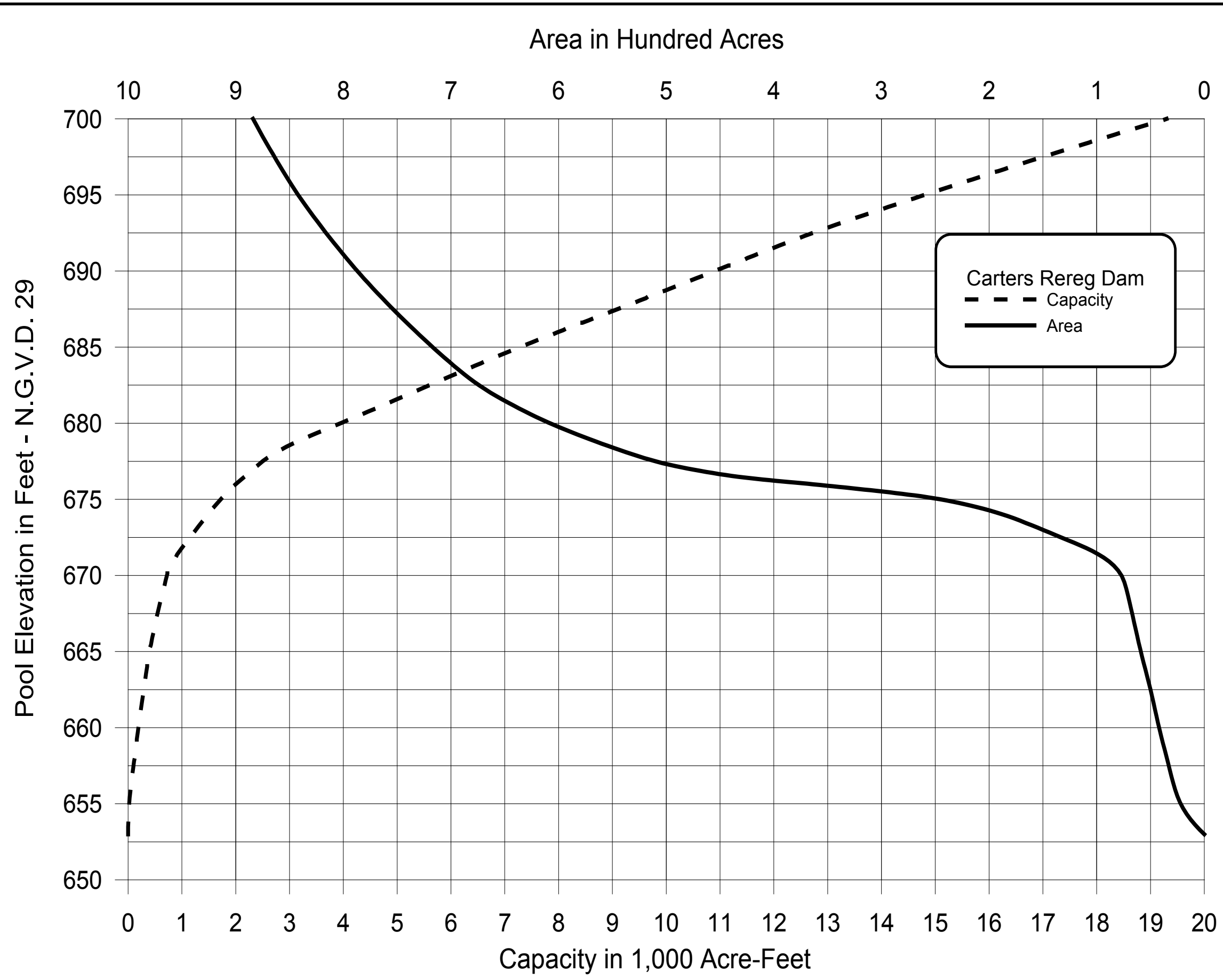
ALABAMA-COOSA-TALLAPOOSA BASIN
WATER CONTROL MANUAL
CARTERS LAKE
WATER CONTROL ZONES

Pool Elev NGVD 29	Total Area (ac)	Total Storage (ac-ft)
665	0	0
700	70	200
725	115	1500
750	180	7500
775	230	11000
800	300	20000
825	380	29500
850	480	40500
883	620	59000
900	720	71000
916	870	84000
932	980	100000
950	1180	120000
961	1300	132000
971	1420	150000
980	1530	161000
990	1650	180000
1000	1800	195000
1010	1940	216000
1020	2158	237810
* 1022	2196	242163
1030	2353	260355
1040	2552	284880
1050	2754	311403
1060	2962	339972
1065	3060	355050
** 1070	3179	370671
*** 1072	3230	377073
**** 1074	3275	383565
1080	3402	403588
1085	3530	420923
1090	3651	438870
1095	3770	457442
1099	3880	472756
1105	4030	491030
1110	4150	505000
1120	4400	550000
1131	4730	600000
1142	5000	650000
1150	5250	700000
1160	5530	750000
1167	5700	780000
1169	5800	800000
1175	6000	835000
1182	6500	880000

* Bottom of power pool
 ** Crest of gated spillway
 *** Top of power pool - December through April
 **** Top of power pool - June through September

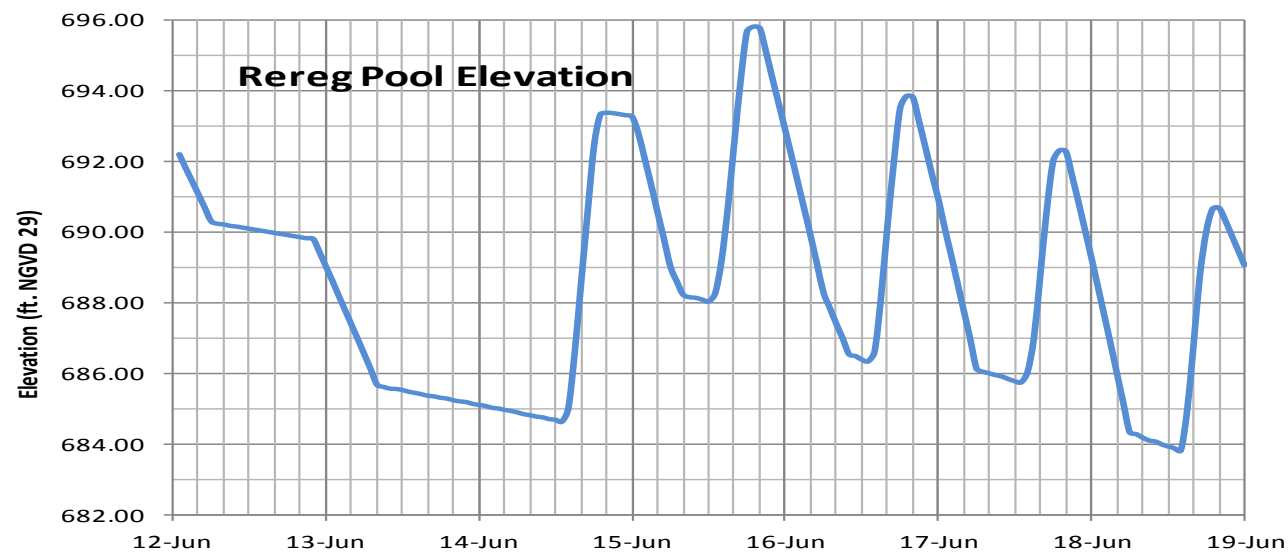
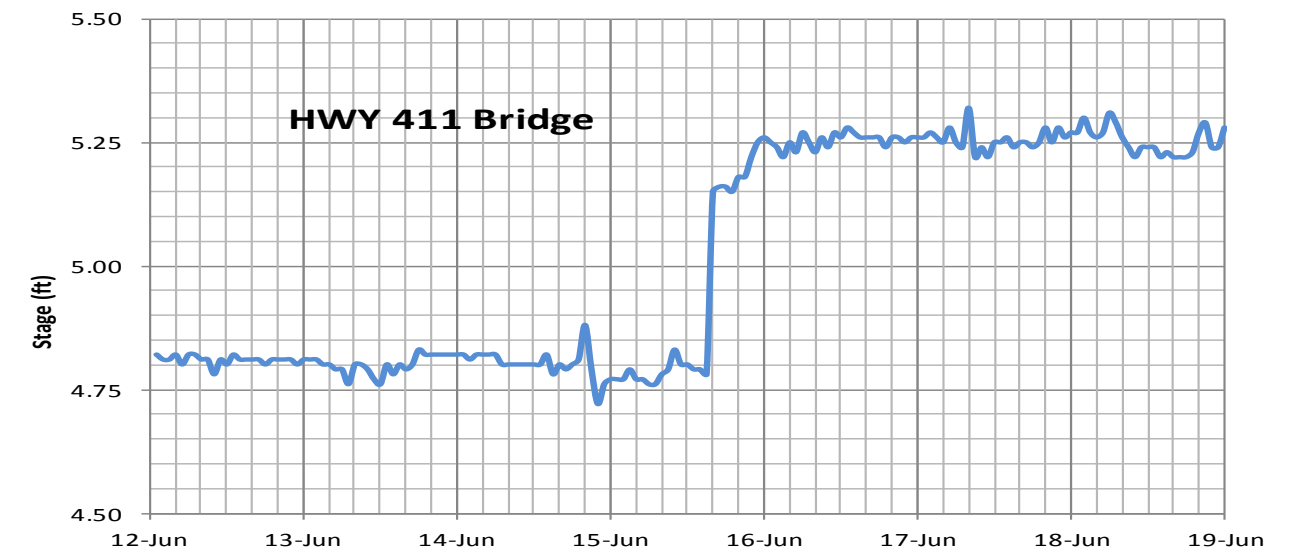
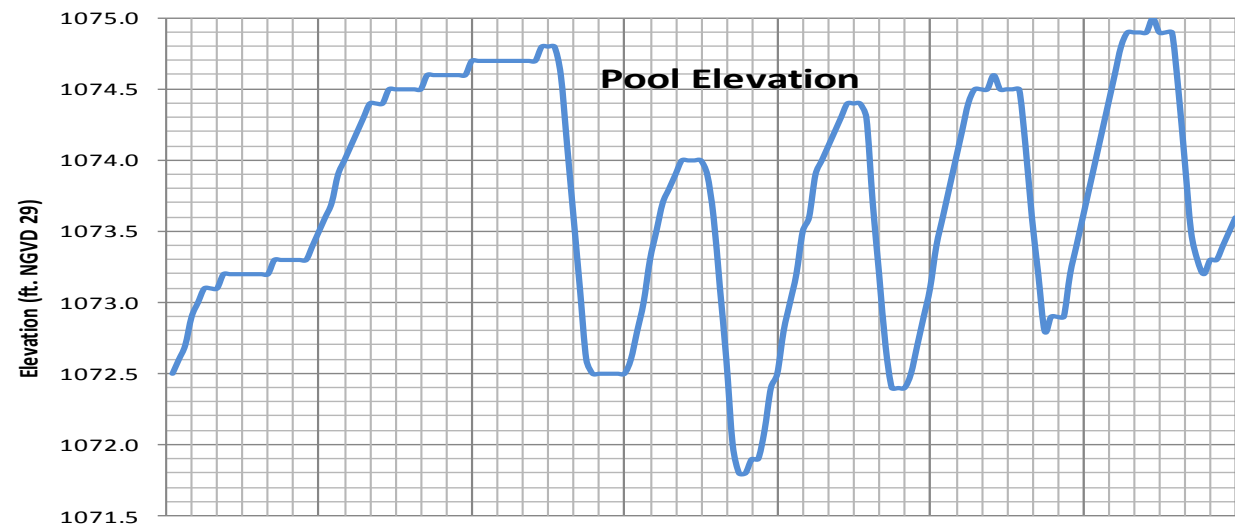
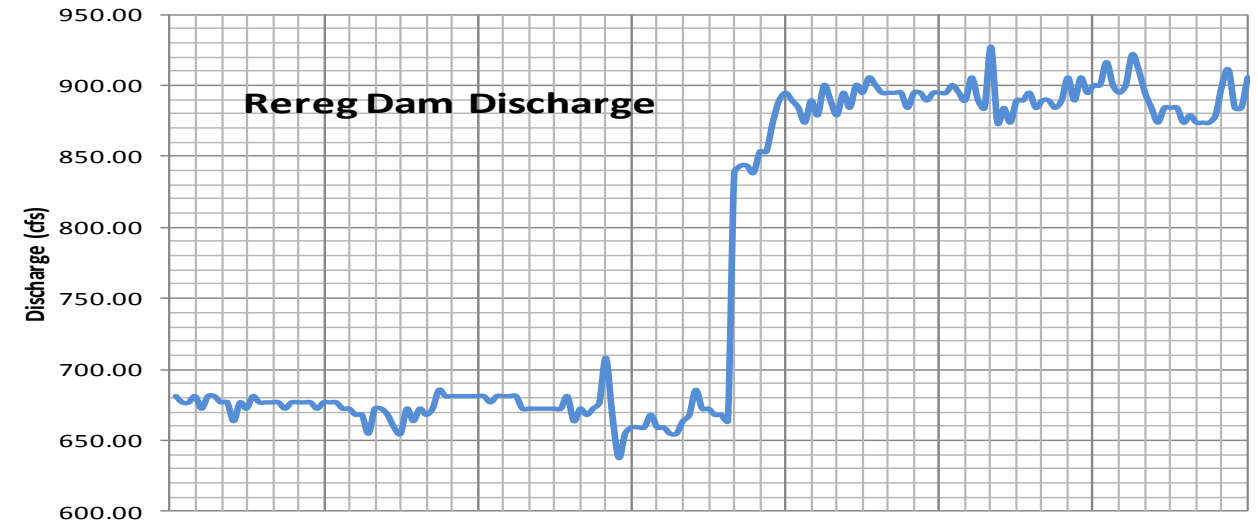
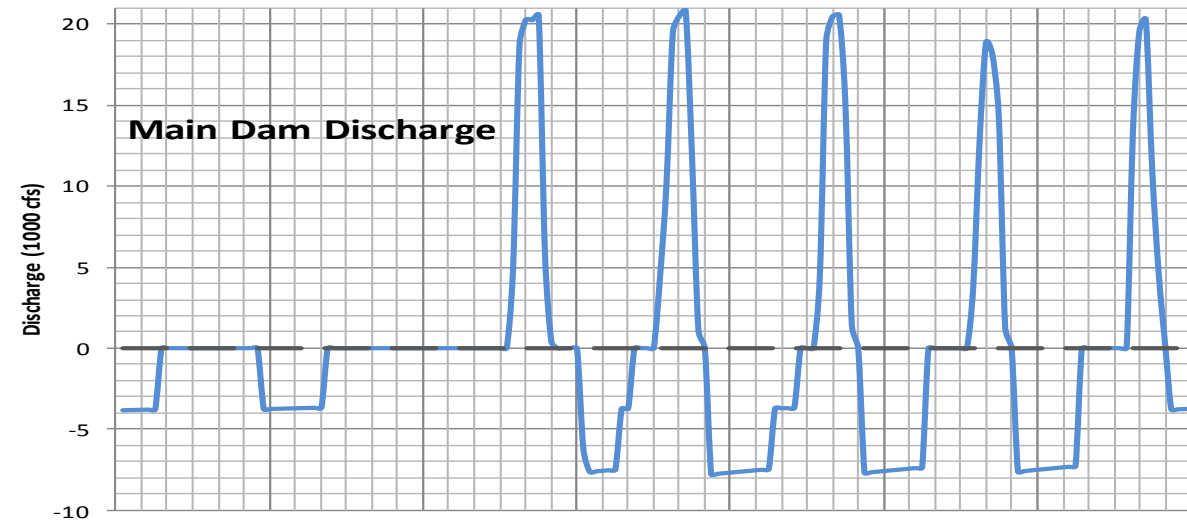


ALABAMA-COOSA-TALLAPOOSA BASIN
 WATER CONTROL MANUAL
 CARTERS LAKE
**MAIN DAM
 AREA CAPACITY CURVES**



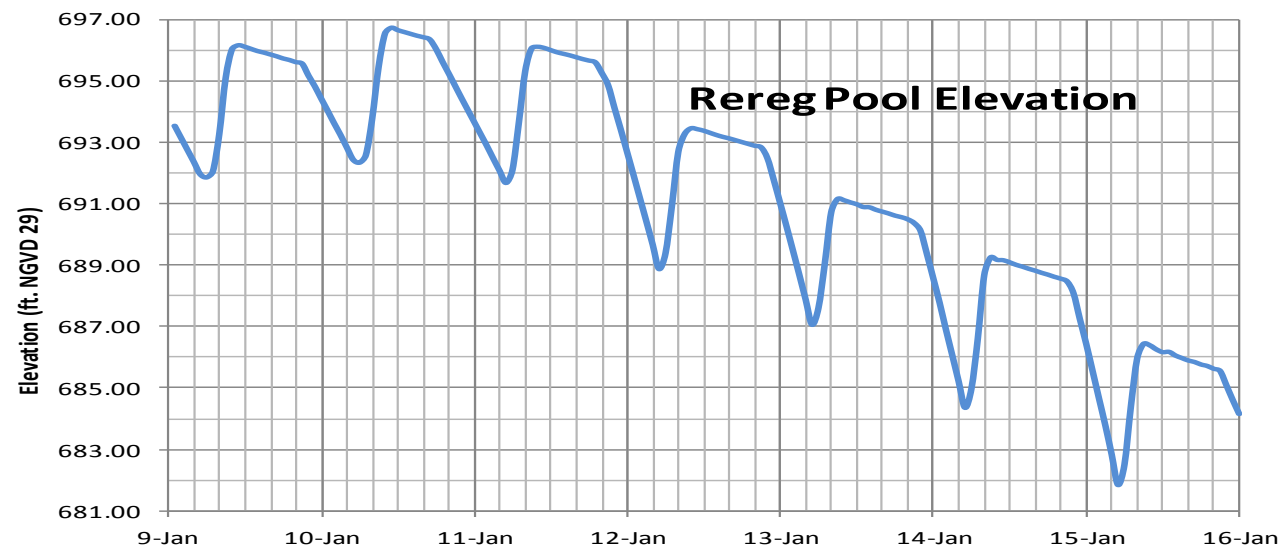
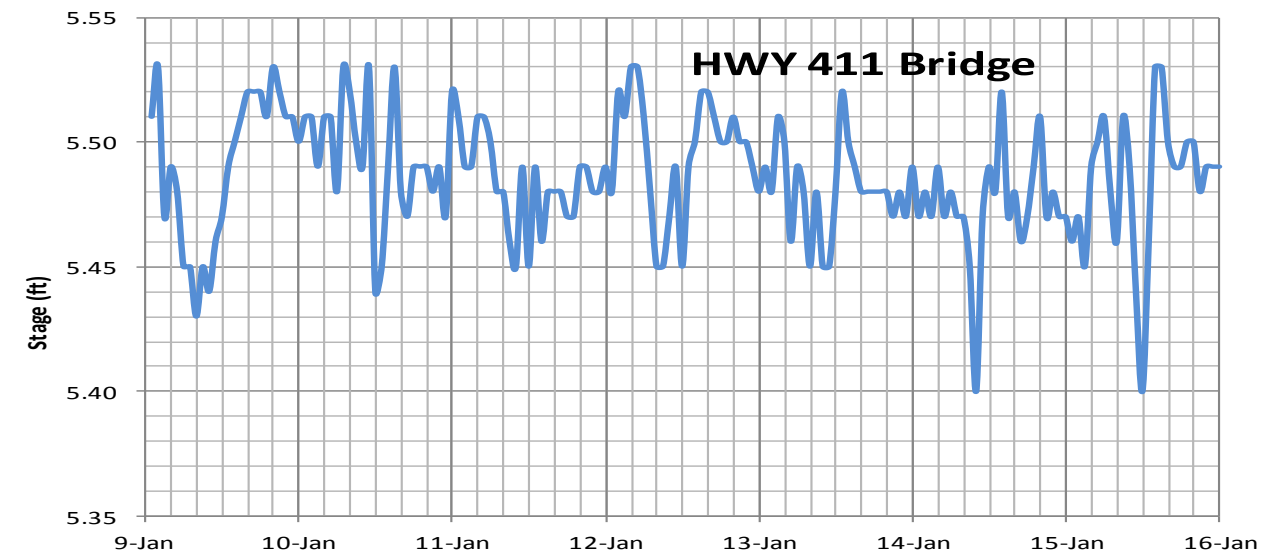
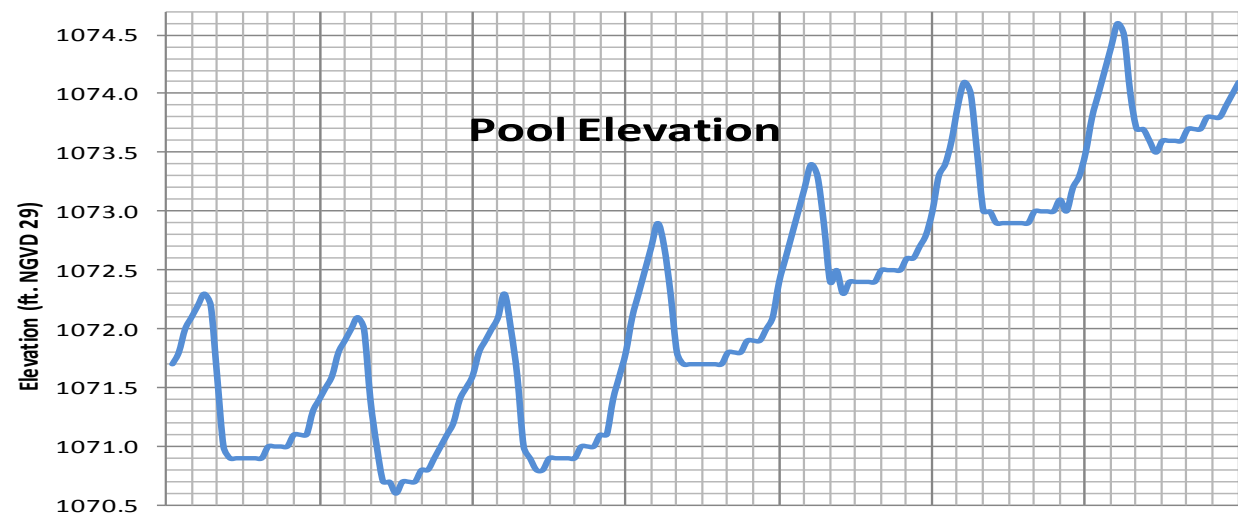
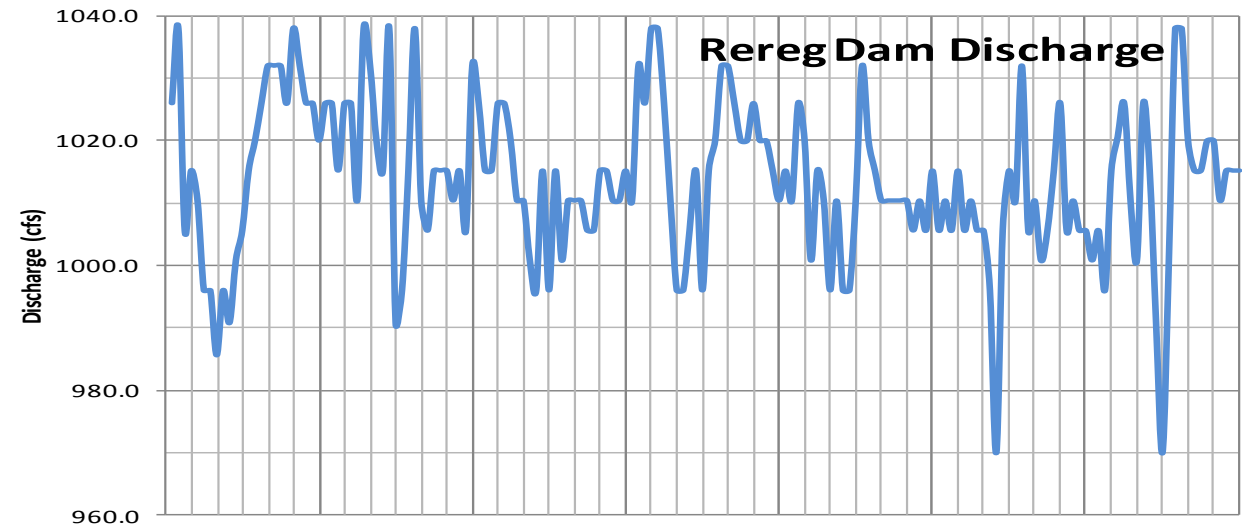
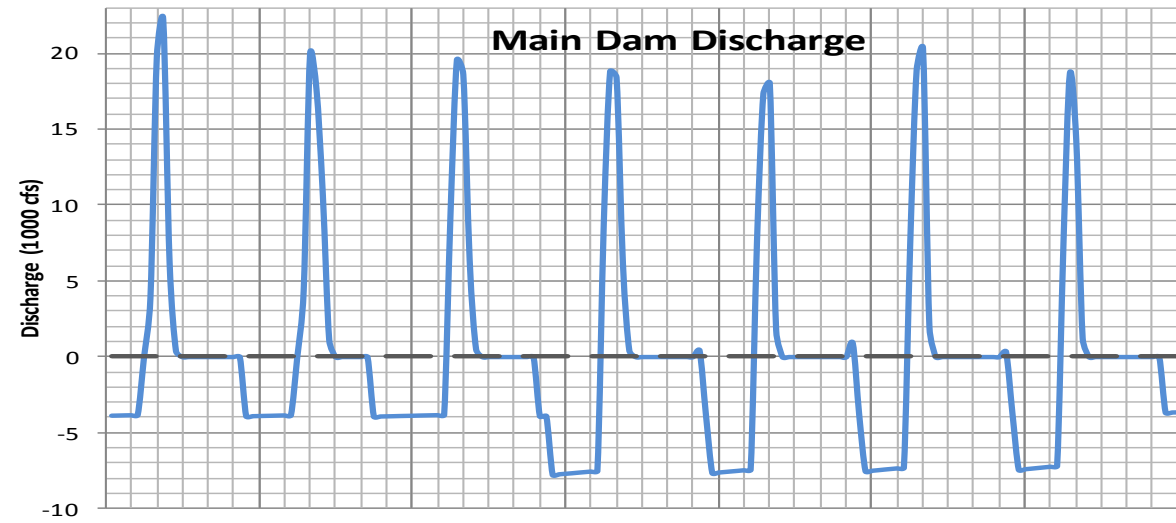
Pool Elev (NGVD 29)	Total Area (ac)	Total Storage (ac-ft)
653	0	0
655	22	20
657.5	33	100
660	42	190
662.5	50	290
665	59	400
669	72	650
669.7	75	700
670	77	720
672.5	133	1150
674	187	1480
675	245	1720
676	365	2000
676.5	435	2170
677.5	510	2500
680	608	3950
682.5	674	5600
685	717	7280
687.5	754	9100
690	787	10900
692.5	816	12720
695	842	14800
697.5	864	17000
700	884	19300

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**REREGULATION DAM
 AREA CAPACITY CURVES**



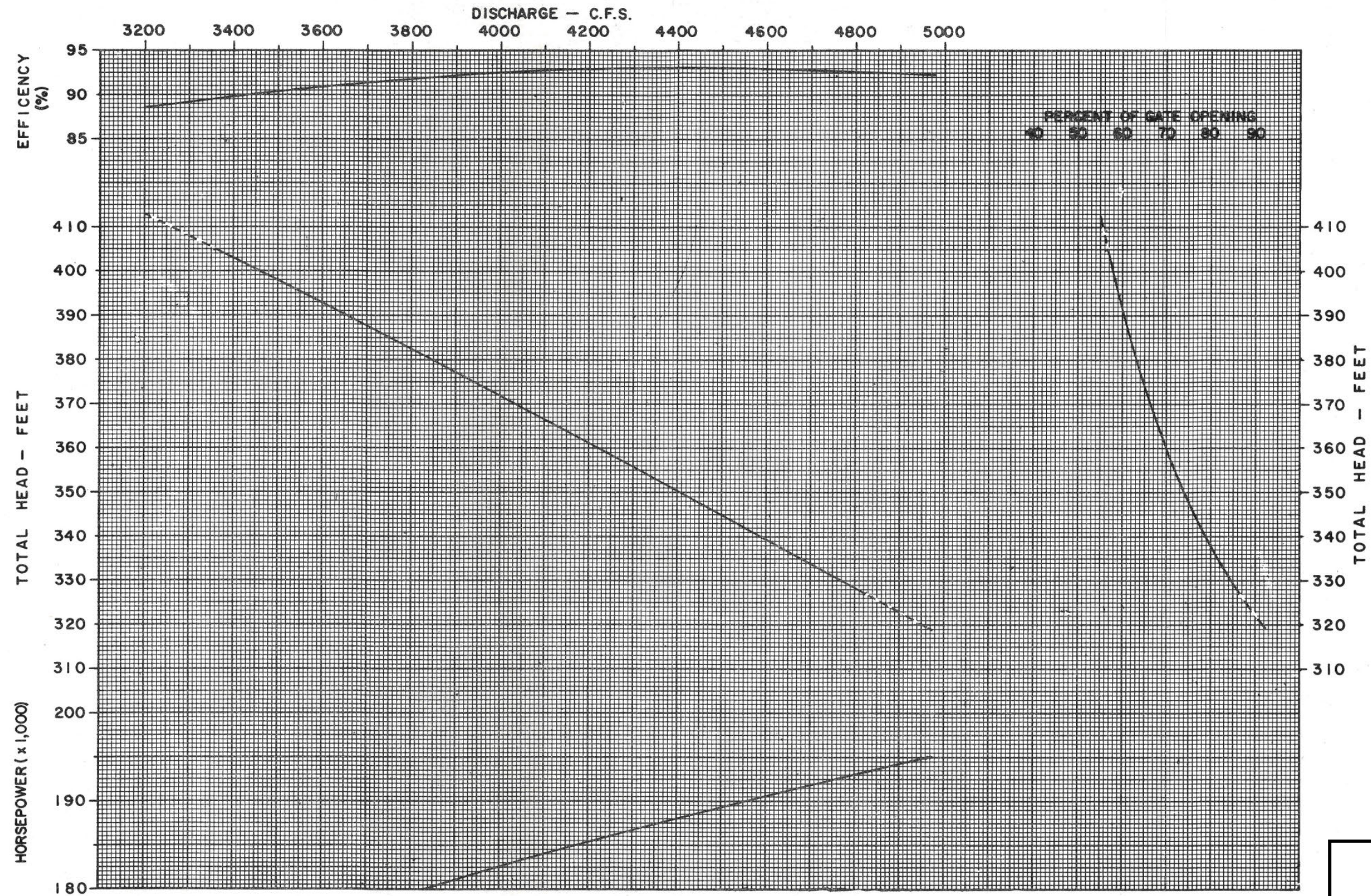
*The data shown here is from June the 12 through the 18 of 2010, and it represents typical weekly operation when the main pool is near the summer pool elevation of 1074 NGVD.

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**TYPICAL WEEKLY
 OPERATION FOR ELEVATIONS
 NEAR 1074 FT NGVD**



*The data shown here is from January the 9 through the 15 of 2010, and it represents typical weekly operation when the main pool is near the winter pool elevation of 1072 NGVD.

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**TYPICAL WEEKLY
 OPERATION AT ELEVATIONS NEAR
 1072 FT NGVD**

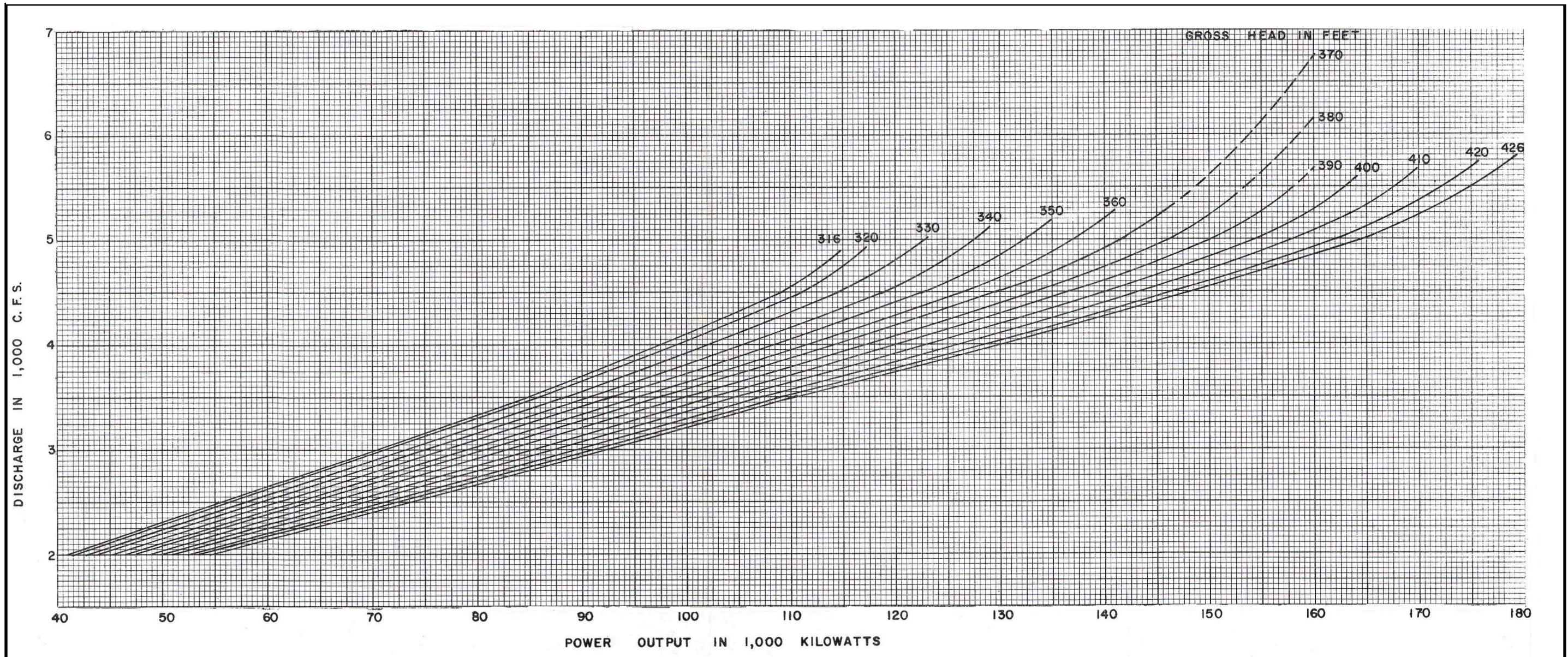


Notes:

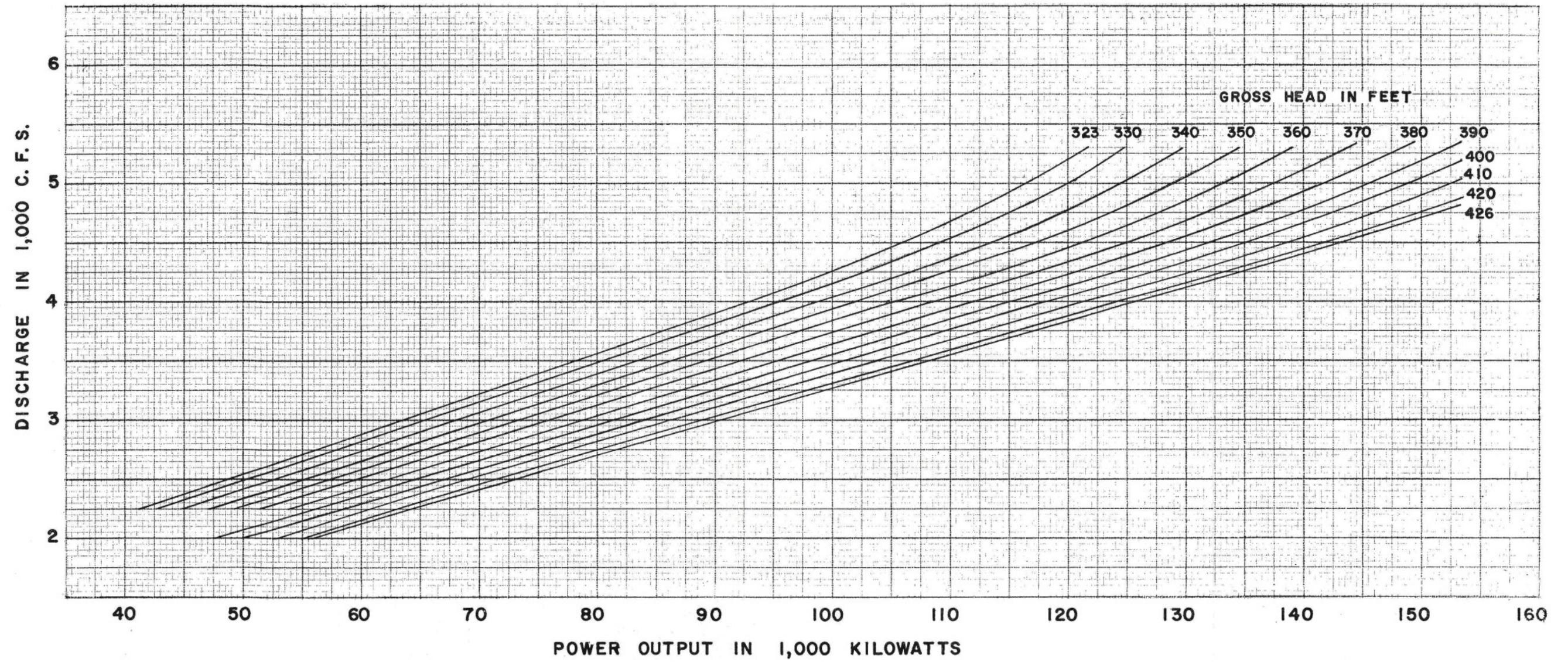
Data from Allis-Chalmers Manufacturing Co., Hydraulics Products Div. Oct 1969

Pump Performance Rated For Pump/Turbine at 150RPM for Total Head Range 327-405 ft.

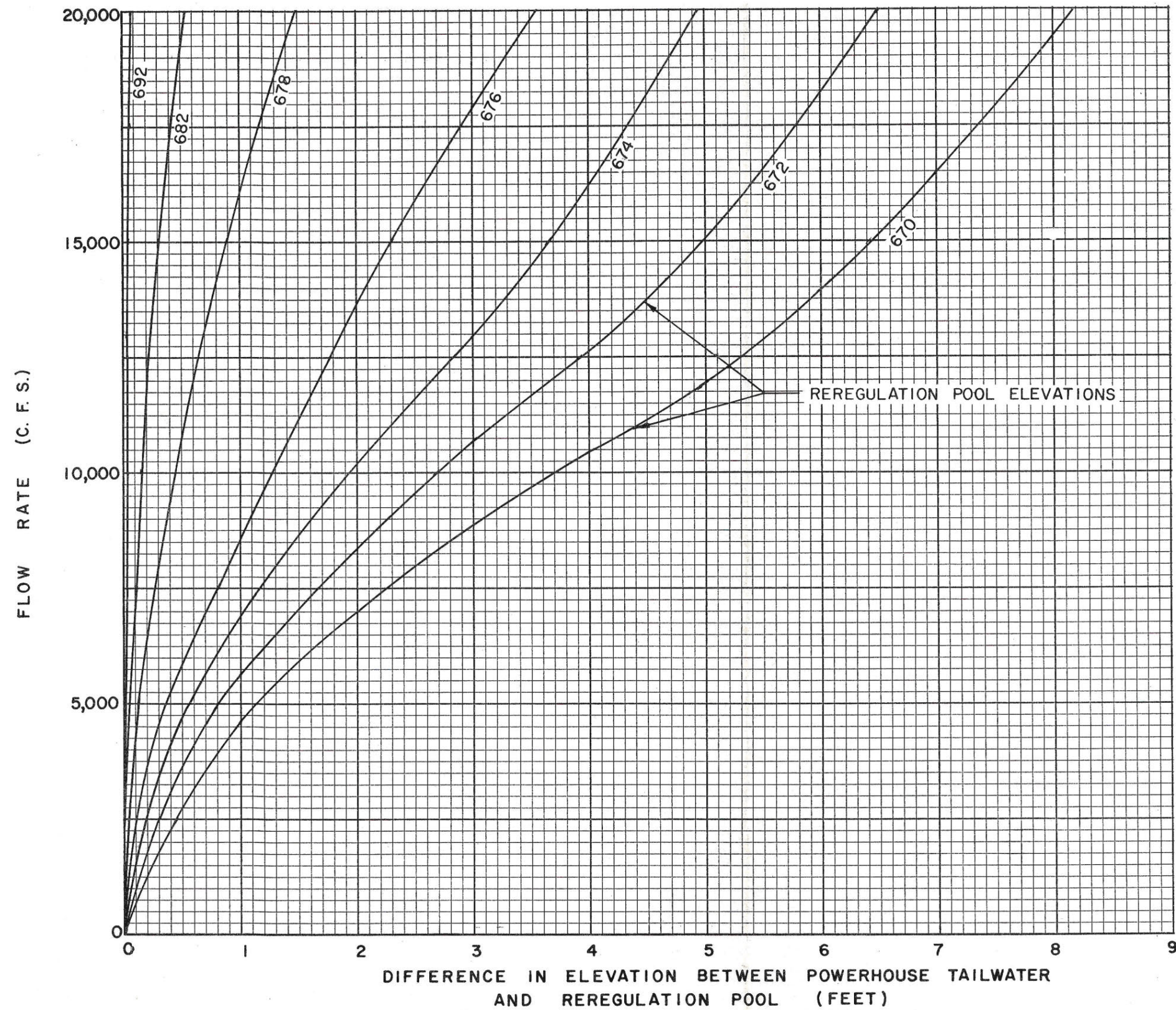
ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
PERFORMANCE CURVES
PUMP BACK OPERATION



ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
PERFORMANCE CURVES
CONVENTIONAL UNIT

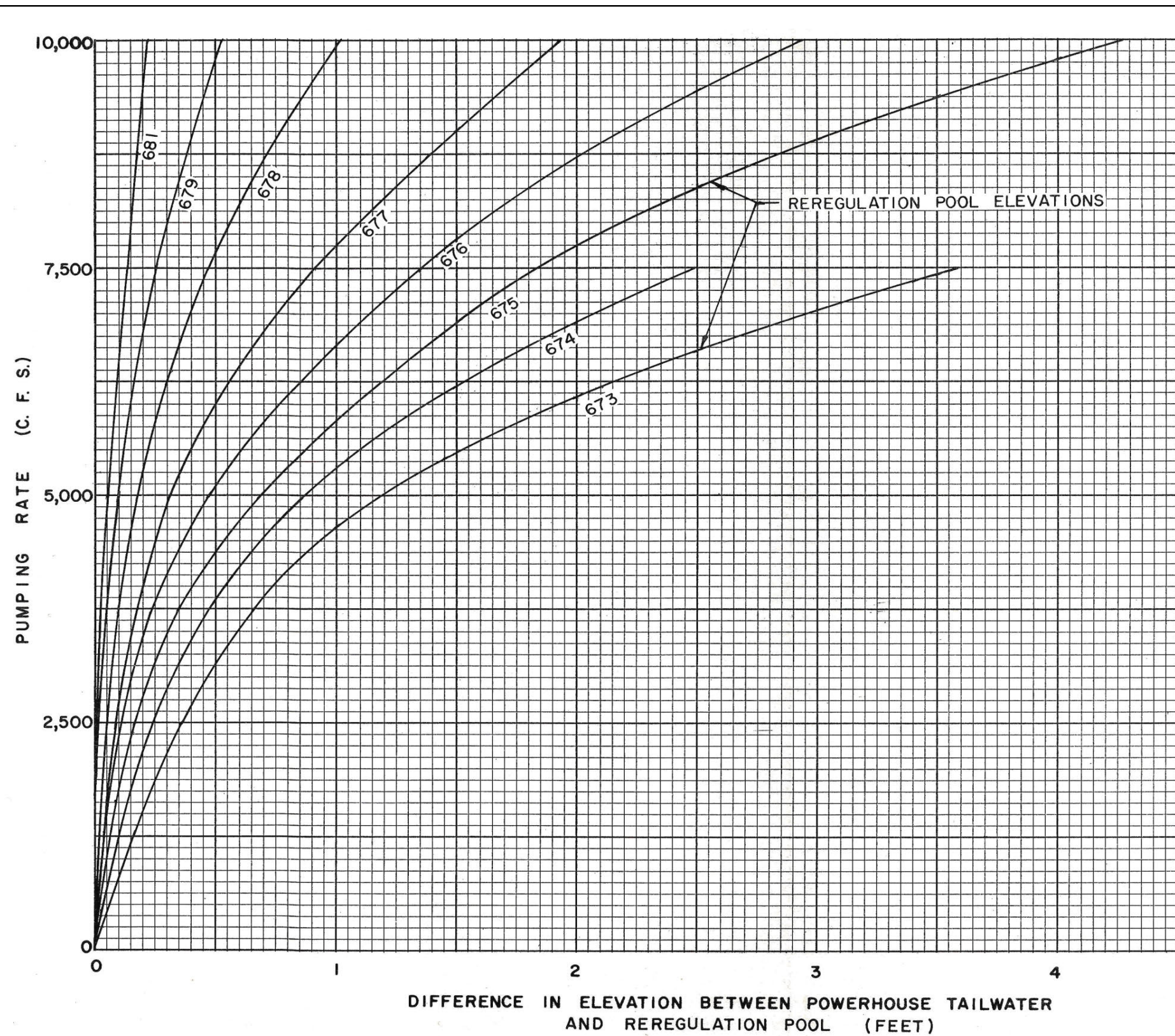


ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**PERFORMANCE CURVES
PUMP-TURBINE UNIT**



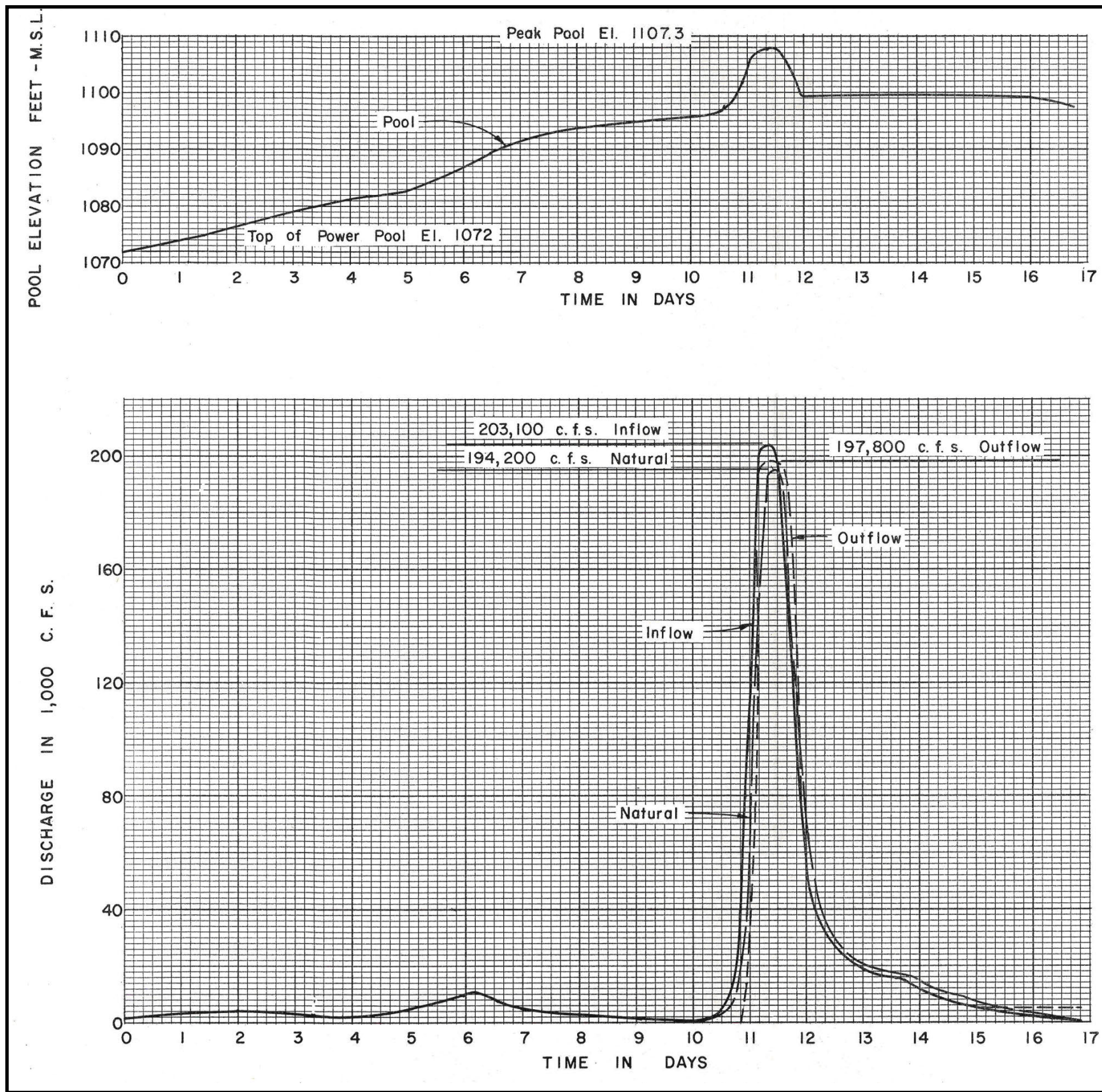
NOTE:
 TO OBTAIN CARTERS MAIN DAM TAIL WATER ELEVATIONS, ADD THE VALUED ACQUIRED FROM THESE CURVES TO THE POOL ELEVATION AT THE REREGULATION DAM

ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**MAIN DAM DISCHARGE RATE -
 TAILWATER RELATIONSHIP FOR
 VARIOUS REREGULATION POOLS**

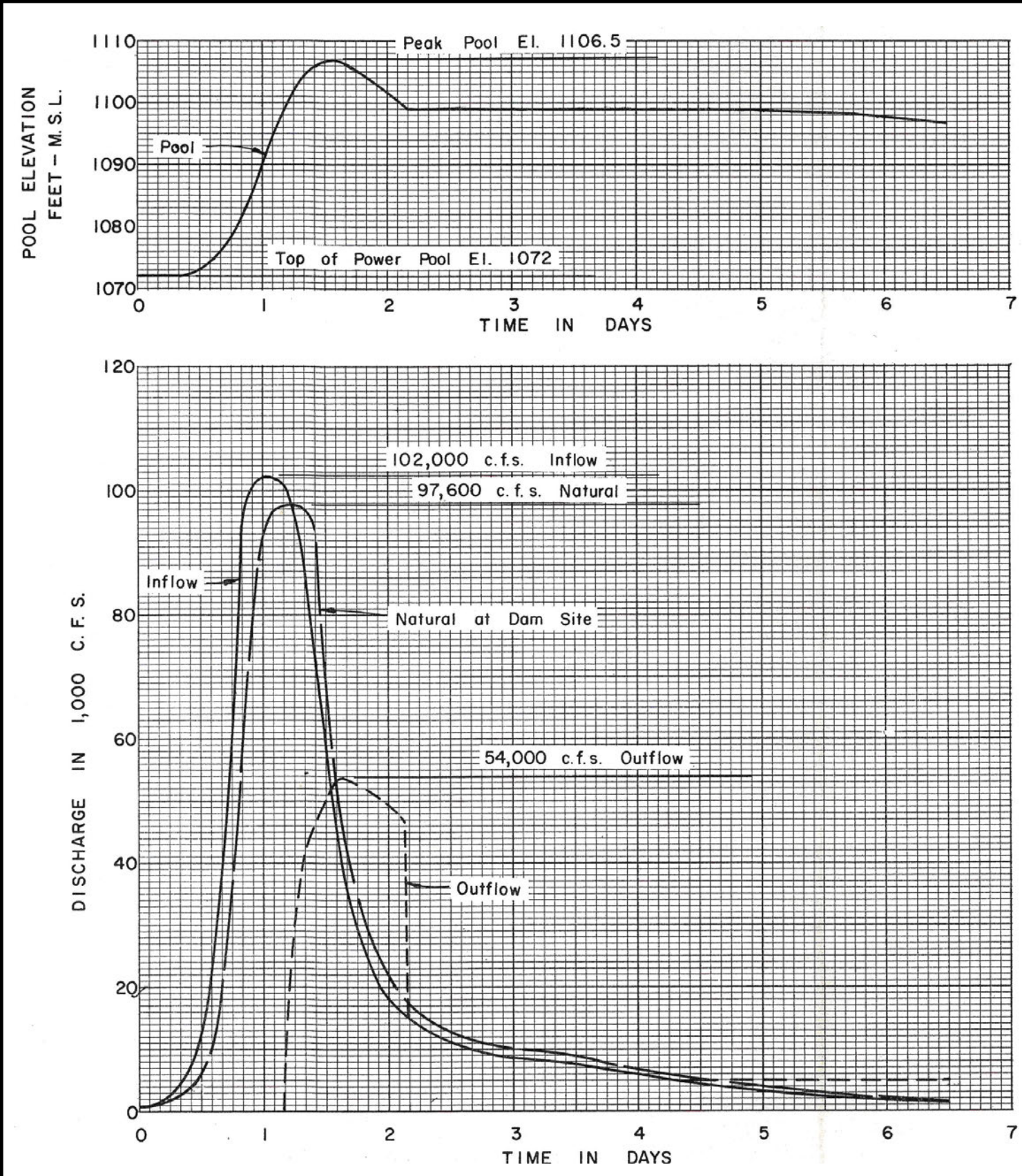


NOTE:
 TO OBTAIN CARTERS MAIN DAM TAIL WATER ELEVATIONS, SUBTRACT THE VALUED ACQUIRED FROM THESE CURVES FROM THE POOL ELEVATION AT THE REREGULATION DAM

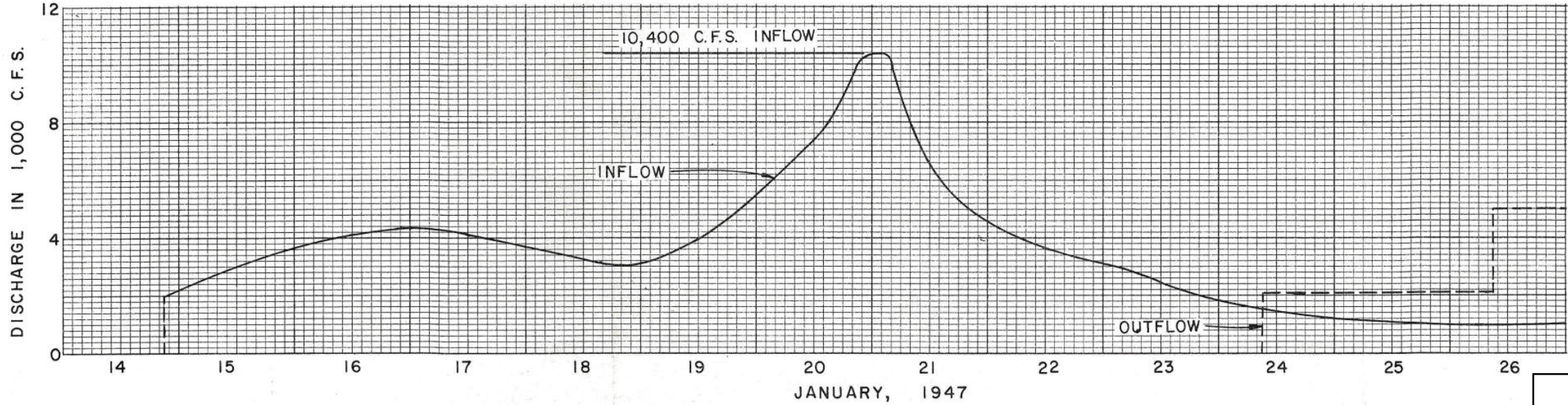
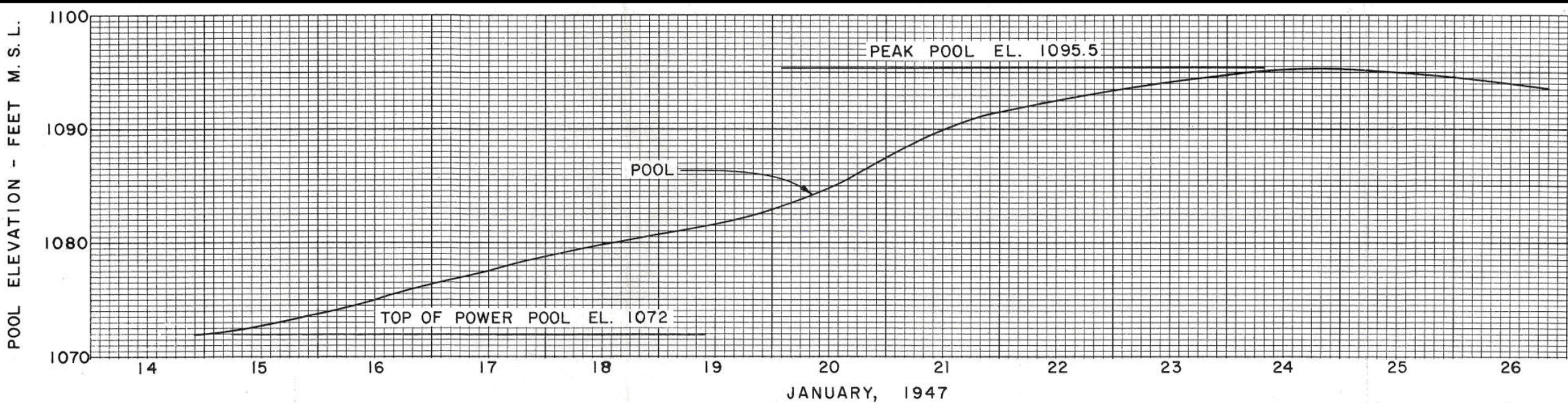
ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
 PUMPING RATE - TAILWATER
 RELATIONSHIP FOR VARIOUS
 REREGULATION POOLS



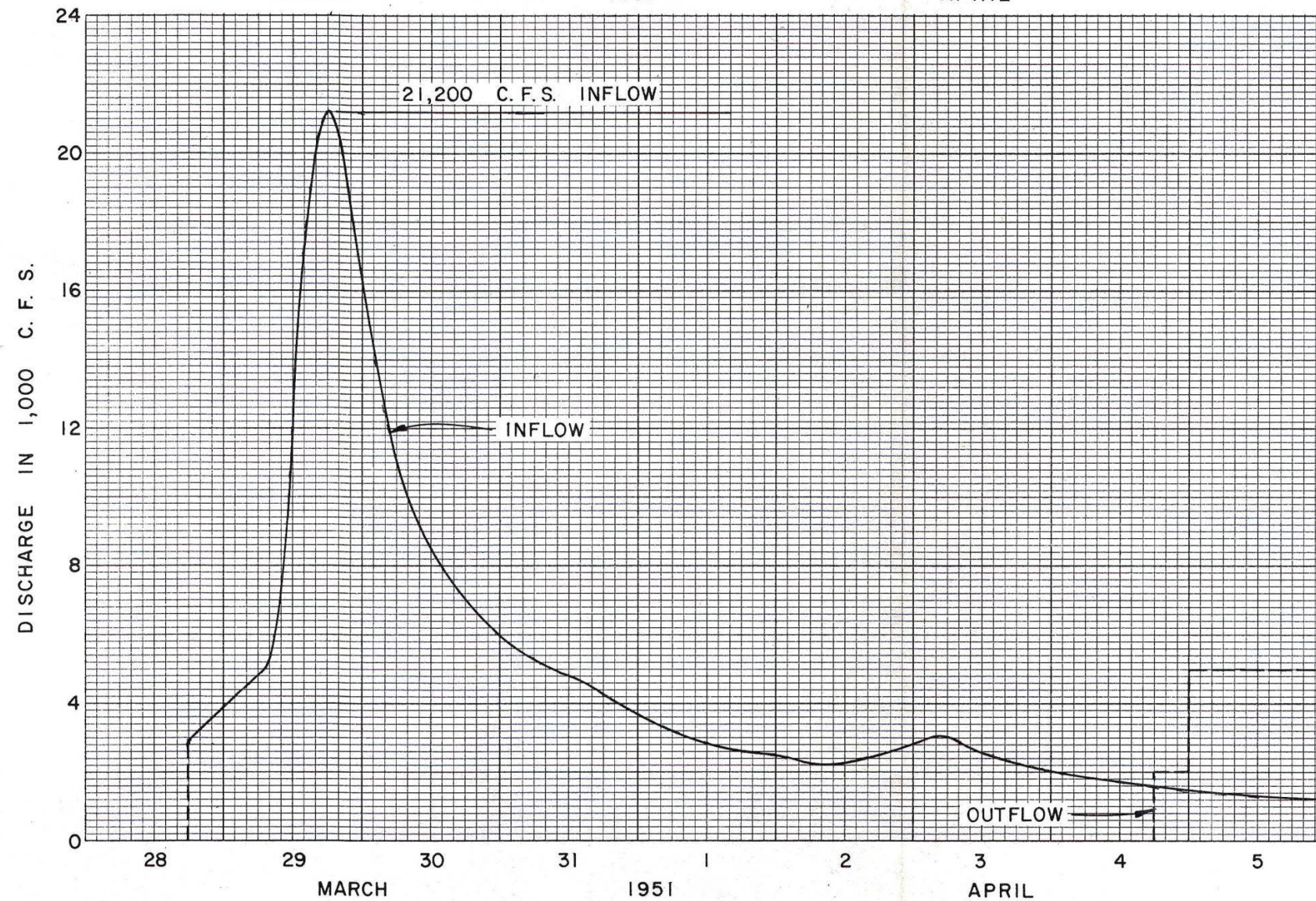
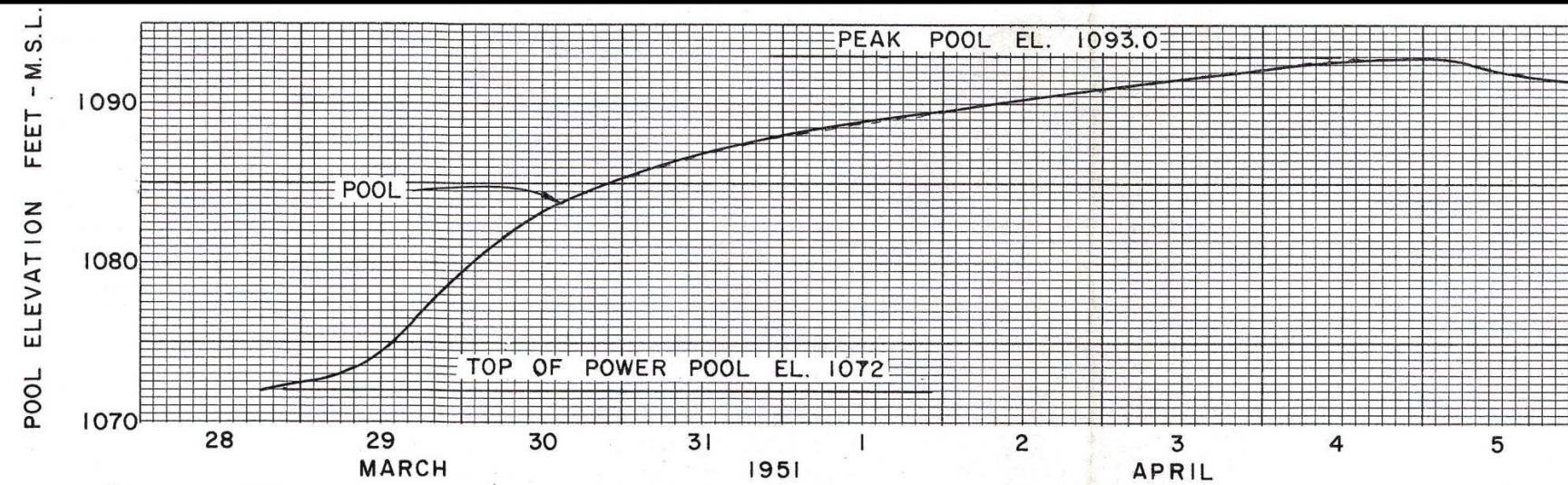
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**INFLOW-OUTFLOW-POOL
RELATIONSHIPS FOR SPILLWAY
DESIGN FLOOD**



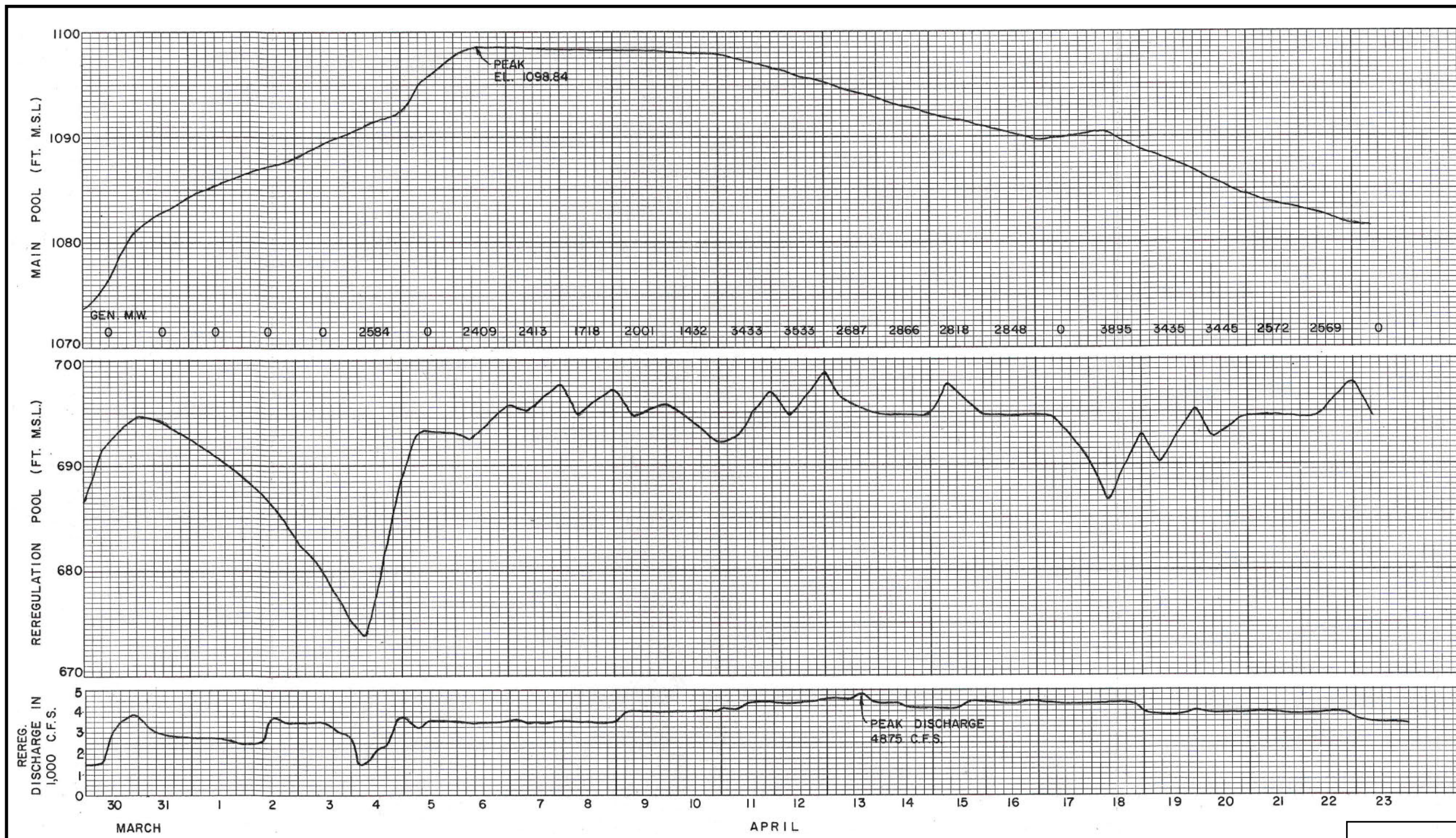
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**INFLOW-OUTFLOW-POOL
RELATIONSHIPS FOR STANDARD
PROJECT FLOOD**



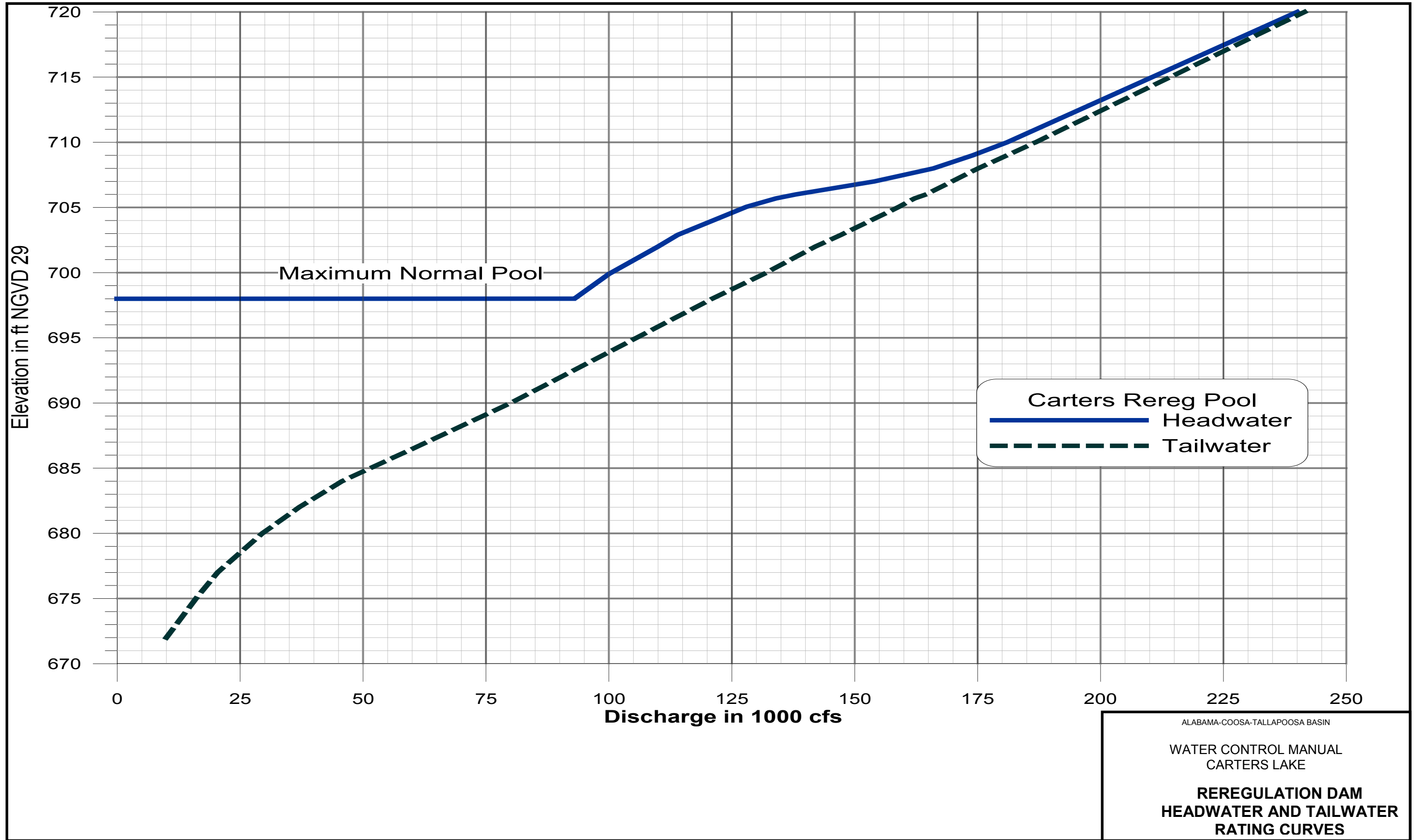
ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**INFLOW-OUTFLOW-POOL
RELATIONSHIPS FOR FLOOD OF
JANUARY 1947**



ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**INFLOW-OUTFLOW-POOL
RELATIONSHIPS FOR FLOOD OF
MARCH 1951**

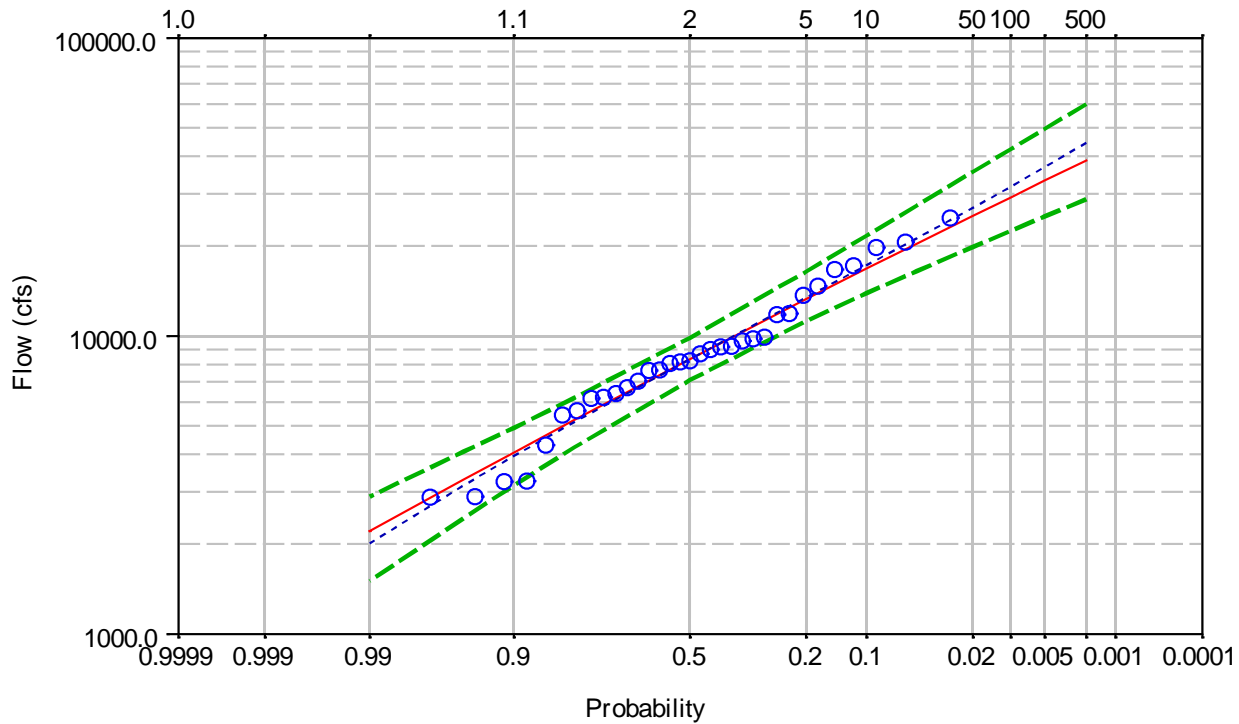


ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**POOL ELEVS, GENERATION, AND
 REREGULATION DISCHARGE
 FOR FLOOD OF APRIL 1977**



ALABAMA-COOSA-TALLAPOOSA BASIN
WATER CONTROL MANUAL
CARTERS LAKE
REREGULATION DAM
HEADWATER AND TAILWATER
RATING CURVES

Bulletin 17B Plot for Pine Chapel
Return Period

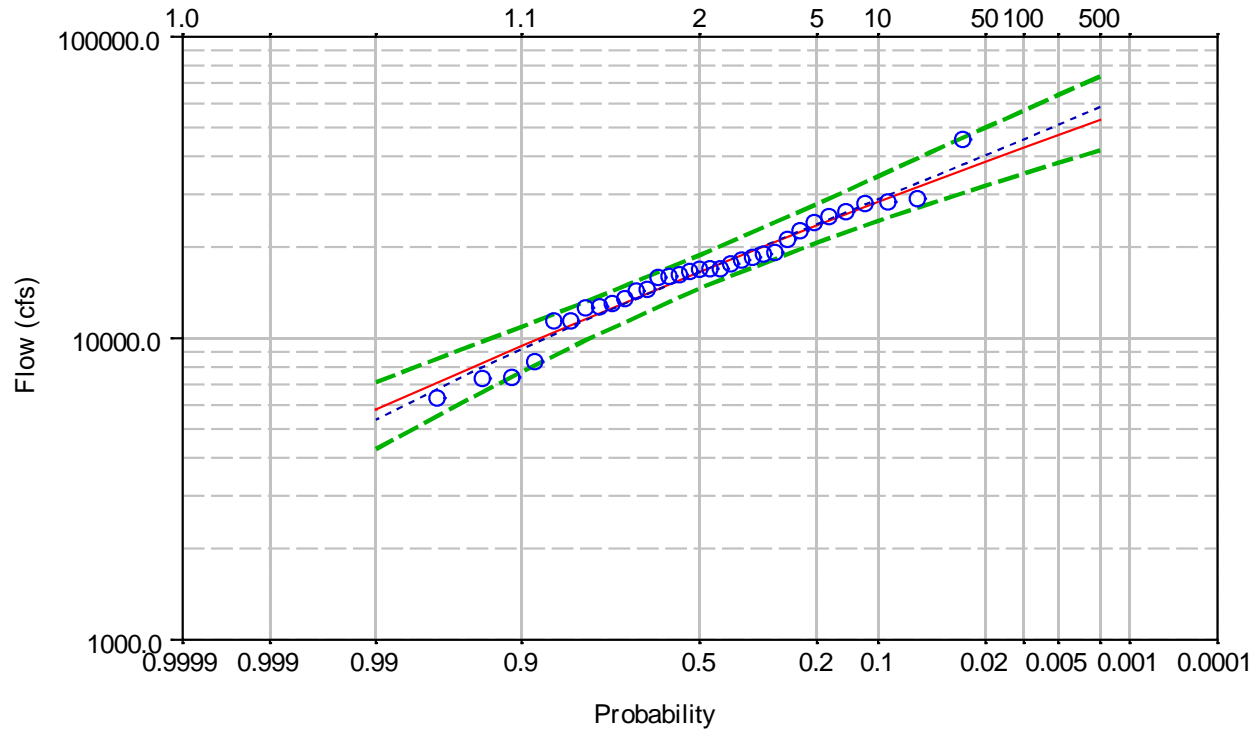


- Computed Curve
- Expected Probability Curve
- 5 Percent Confidence Limit
- 95 Percent Confidence Limit
- Observed Events (Weibull plotting positions)

Note : Curves computed using HEC-SSP 1.0 with 1976 to 2008 period and weighted skew
Regional skew of 0.0 and Reg. Skew MSE of 0.302

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
PEAK FLOW FREQUENCY
AT USGS GAGE 02383500
COOSAWATTEE RIVER NEAR PINE CHAPEL

Bulletin 17B Plot for Oostnaula at Resaca
Return Period



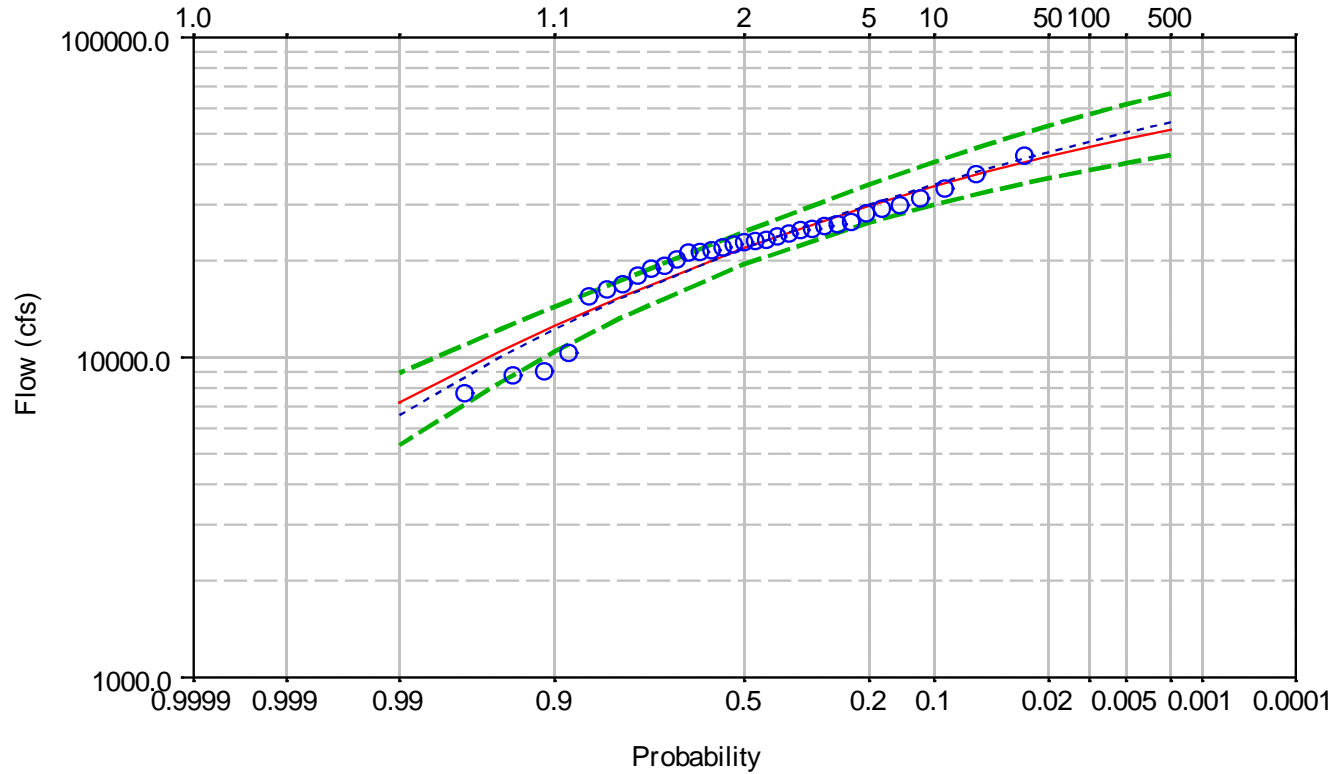
- Computed Curve
- 5 Percent Confidence Limit
- Observed Events (Weibull plotting positions)

- - - Expected Probability Curve
- 95 Percent Confidence Limit

Note : Curves computed using HEC-SSP 1.0 with 1976 to 2008 period and weighted skew.
Regional skew of 0.0 and Reg. Skew MSE of .302

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
PEAK FLOW FREQUENCY
AT USGS GAGE 02387500
OOSTANAULA RIVER AT RESACA

Bulletin 17B Plot for Oostanaula River Near Rome
Return Period

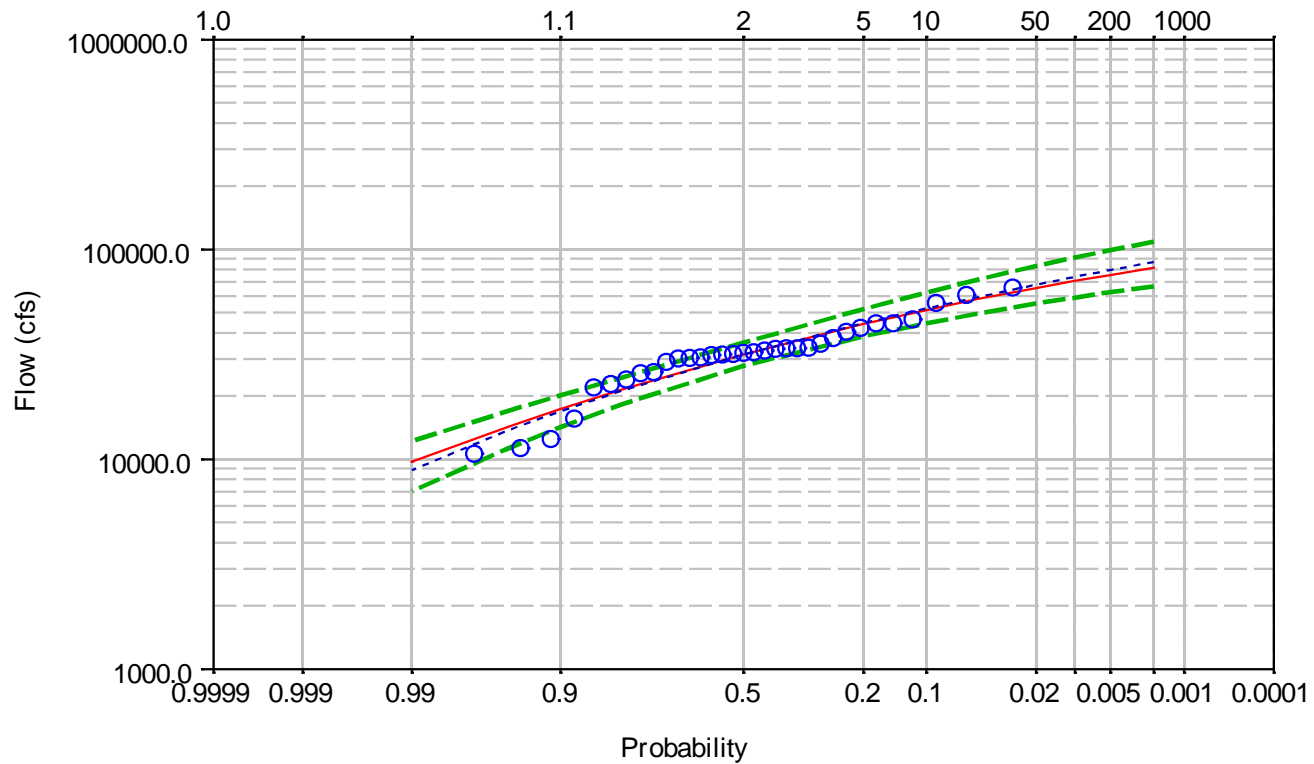


- Computed Curve
- Expected Probability Curve
- 5 Percent Confidence Limit
- 95 Percent Confidence Limit
- Observed Events (Weibull plotting positions)

Note : Curves computed using HEC-SSP 1.0 with 1976 to 2008 period and weighted skew.
Regional skew of 0.0 and Reg. Skew MSE of 0.302

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
PEAK FLOW FREQUENCY
AT USGS GAGE 02388500
OOSTANAULA RIVER NEAR ROME

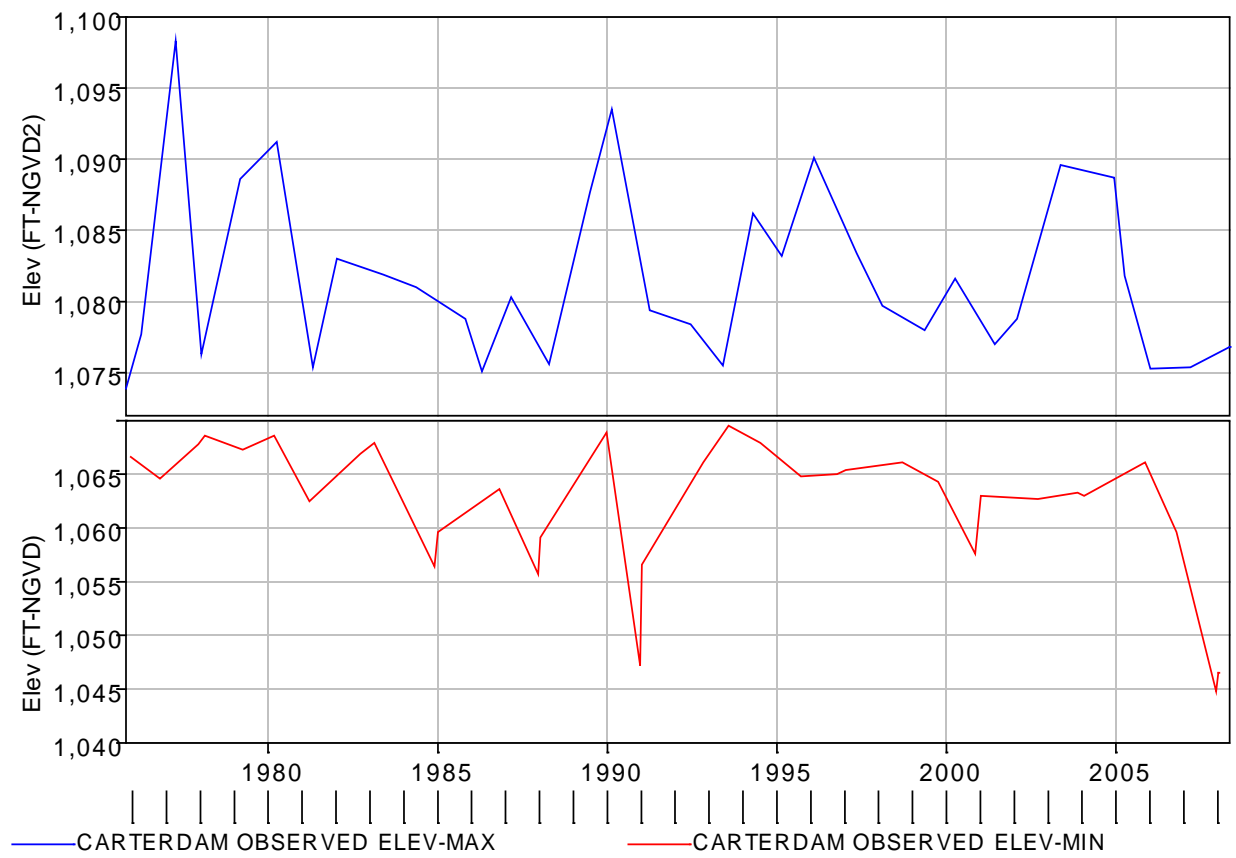
Bulletin 17B Plot for Coosa Near Rome (USGS 02397000)
Return Period



- Computed Curve
- Expected Probability Curve
- 5 Percent Confidence Limit
- 95 Percent Confidence Limit
- Observed Events (Weibull plotting positions)

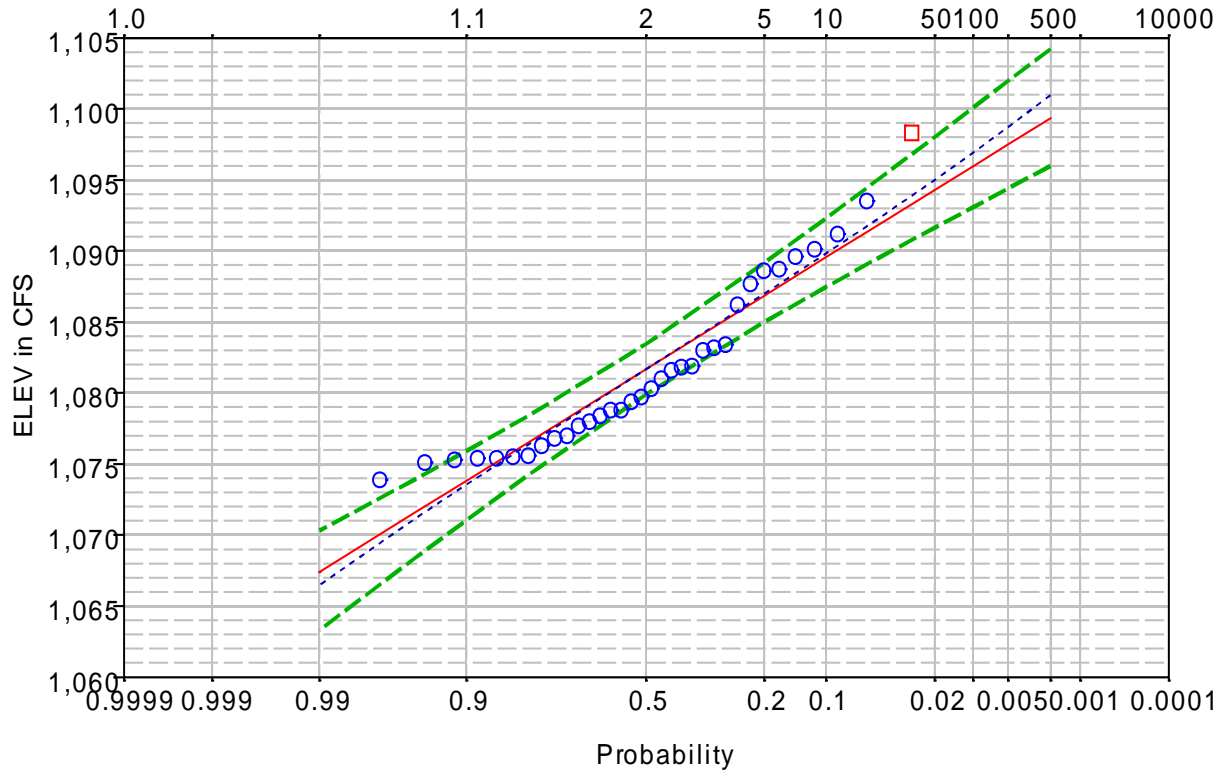
Note : Curves computed using HEC-SSP 1.0 with 1976 to 2008 period and weighted skew.
Regional skew of 0.0 and Reg. Skew MSE of 0.302

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
PEAK FLOW FREQUENCY
AT USGS GAGE 02397000
COOSA RIVER NEAR ROME



ALABAMA-COOSA-TALLAPOOSA BASIN
 RESERVOIR REGULATION MANUAL
 CARTERS RESERVOIR
**MAIN DAM ANNUAL PEAK POOL
 ELEVATIONS**

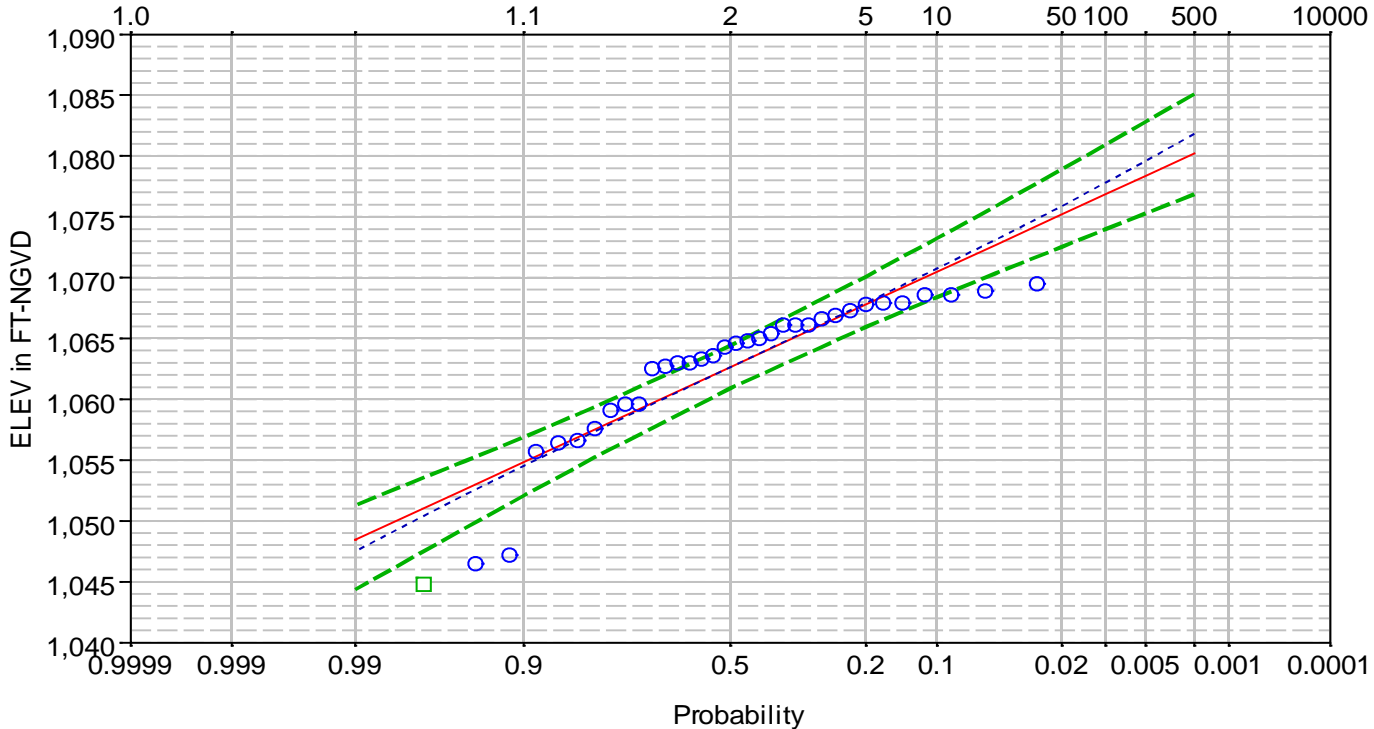
General Frequency Analytical Plot for CARTERS MAXIMUM POOL
Return Period



- Computed Curve
- Expected Probability Curve
- 5 Percent Confidence Limit
- 95 Percent Confidence Limit
- Observed Events (Weibull plotting positions)
- High Outlier

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**MAIN DAM MAXIMUM POOL
ELEVATION FREQUENCY**

General Frequency Analytical Plot for CARTERS MINIMUM POOL
Return Period



- Computed Curve
- - - Expected Probability Curve
- - - 5 Percent Confidence Limit
- - - 95 Percent Confidence Limit
- Observed Events (Weibull plotting positions)
- Low Outlier

ALABAMA-COOSA-TALLAPOOSA BASIN
RESERVOIR REGULATION MANUAL
CARTERS RESERVOIR
**ANNUAL MINIMUM POOL
ELEVATION FREQUENCY**