

**LAKES AND RESERVOIRS IN MOBILE RIVER BASIN
1999 Water Year**

02393500 ALLATOONA RESERVOIR NEAR CARTERSVILLE, GA

LOCATION.--Lat 34°09'46", long 84°43'40", Bartow County, Hydrologic Unit 03150104, at fore bay of dam on Etowah River, 2.8 miles upstream from Nashville, Chattanooga, & St. Louis Railway bridge, 4 miles east of Cartersville, and 6 miles upstream from Pumpkinvine Creek.

DRAINAGE AREA.--1,120 mi².

PERIOD OF RECORD.--December 1949 to current year.

REVISED RECORDS.--WRD GA-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Lake is formed by concrete gravity dam. Spillway (crest elevation, 835.0 feet) is equipped with nine tainter gates 40 feet wide by 25 feet high. There are four sluices 5.67 feet by 10 feet high and one sluice 4.0 feet in diameter. Storage began Dec. 27, 1949; water in lake first reached minimum pool elevation Feb. 5, 1950. Total capacity at elevation 860.0 feet, top of gates, is 670,000 acre-ft, of which 587,100 acre-ft is controlled storage above 800 feet, minimum pool. Lake is used for flood control and power. Records are furnished by U.S. Army Corps of Engineers.

**MONTH-END ELEVATION AND CONTENTS AT 2400, WATER YEAR
OCTOBER 1998 TO SEPTEMBER 1999**

Date	Elevation (feet)	Contents (acre-feet)	Change in content	
			(acre-feet)	(ft ³ /sec)
Sept. 30	832.58	286,700	-	-
Oct. 31	828.59	249,030	-37,670	-613
Nov. 30	827.63	240,560	-8,470	-142
Dec. 31	825.64	223,700	-16,860	-274
Cal. Year 1998		-	+2,130	+3
Jan. 31	829.10	253,610	+29,910	+486
Feb. 28	830.23	264,030	+10,420	+188
Mar. 31	834.98	311,250	+47,220	+768
Apr. 30	838.45	349,440	+38,190	+642
May 31	841.12	380,940	+31,500	+512
Jun. 30	841.14	381,190	+250	+4
Jul. 31	838.60	351,160	-30,030	-488
Aug. 31	834.36	304,790	-46,370	-754
Sep. 30	831.70	278,050	-26,740	-449
Water Year 1999	-	-	-8,650	-12