

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

**02179500 MATHIS RESERVOIR NEAR LAKEMONT, GA**

**LOCATION.**--Lat 34°47'03", long 83°24'57", Rabun County, Hydrologic Unit 03060102, on Tallulah River, 1 mile upstream from bridge on U.S. Highway 23, 1.8 miles south of Lakemont, GA.

**DRAINAGE AREA.**--151 mi<sup>2</sup>.

**PERIOD OF RECORD.**--October 1929 to current year.

**GAGE.**—Non-recording gage. Datum of gage is at sea level (levels by Georgia Power Company.)

**REMARKS.**--Reservoir is formed by concrete slab and buttress dam. Spillway (crest elevation, 1,682.75 feet) is equipped with 16 gates 15.8 feet wide by 6.85 feet high. Dam completed in 1915. Total capacity at elevation 1,689.6 feet, top of gates, is 31,200 acre-ft, of which 23,000 acre-ft is usable storage. Reservoir is used for power development. Capacity curve and month-end elevations furnished by Georgia Power Company.

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

Date	Elevation (feet)	Contents (acre-feet)	Change in content	
			(acre-feet)	(ft <sup>3</sup> /sec)
Sept. 30	1687.3	29,400	-	-
Oct. 31	1687.2	29,300	-100	-2
Nov. 30	1687.2	29,300	0	0
Dec. 31	1688.0	29,900	+600	+10
Cal. Year 1998		-	+300	0
Jan. 31	1689.8	31,200	+1,300	+21
Feb. 28	1687.5	29,600	-1,600	-29
Mar. 31	1687.7	29,700	+100	+2
Apr. 30	1687.6	29,600	-100	-2
May 31	1688.1	30,000	+400	+7
Jun. 30	1687.2	29,300	-700	-12
Jul. 31	1687.5	29,600	+300	+5
Aug. 31	1686.7	29,000	-600	-10
Sep. 30	1687.9	29,800	+800	+13
Water Year 1999	-	-	+400	+1