

**LAKES IN APALACHICOLA RIVER BASIN
1999 Water Year**

02343240 WALTER F. GEORGE LAKE NEAR FORT GAINES, GA

LOCATION.--Lat 31°37'27", long 85°04'03", Clay County, Hydrologic Unit 03130003, at forebay of dam on Chattahoochee River, 1.6 miles upstream from bridge on State Highway 37, 1 mile north of Fort Gaines, GA, and at mile 75.0.

DRAINAGE AREA.--7,460 mi², approximately.

PERIOD OF RECORD.--May 1962 to current year.

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

REMARKS.--Reservoir is formed by concrete gravity dam and navigation lock with earth dikes on either side. The non-overflow section at the dam includes a powerhouse. Filling began in May 1962. Power operations commenced on Mar. 13, 1963. The spillway (crest elevation, 163.0 feet) is equipped with 14 tainter gates 42 feet wide by 29 feet high. Total capacity at elevation 190.0 feet, considered full summer pool, is 934,400 acre-ft, of which 244,400 acre-ft between elevations 190.0 feet and 184.0 feet, considered minimum pool, is controlled storage. Lake is used for navigation and power. Records 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 | 189.27 | 901,990 | - | - |
| Oct. 31 | 188.61 | 873,270 | -28,720 | -467 |
| Nov. 30 | 187.08 | 808,830 | -64,440 | -1,083 |
| Dec. 31 | 186.81 | 797,920 | -10,910 | -177 |
| Cal. Year 1998 | | - | -65,910 | -91 |
| Jan. 31 | 189.27 | 901,990 | +104,070 | +1,693 |
| Feb. 28 | 187.89 | 842,520 | -59,479 | -1,071 |
| Mar. 31 | 187.96 | 845,440 | +2,920 | +47 |
| Apr. 30 | 188.73 | 878,420 | +32,980 | +554 |
| May 31 | 188.45 | 866,410 | -12,010 | -195 |
| Jun. 30 | 188.30 | 859,970 | -6,440 | -108 |
| Jul. 31 | 189.04 | 891,780 | +31,810 | +517 |
| Aug. 31 | 185.40 | 742,500 | -149,280 | -2,428 |
| Sep. 30 | 184.84 | 721,160 | -21,340 | -359 |
| Water Year 1999 | - | - | -180,830 | -250 |