

**MOBILE RIVER BASIN
2004 Water Year**

02382400 CARTERS RE-REGULATION LAKE NEAR CARTERS, GA

LOCATION.—Lat $34^{\circ}36'15''$, long $84^{\circ}41'29''$ referenced to North American Datum (NAD) of 1927, Murray County, Hydrologic Unit 03150102, at afterbay of main dam, on Coosawattee River, 0.2 miles downstream from Talking Rock Creek, 0.2 miles upstream from Louisville and Nashville Railway bridge, 1.5 miles downstream from main dam and at mile 25.3.

DRAINAGE AREA.—520 square miles.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1975 to current year.

REVISED RECORDS.—WRD GA-80-1: Drainage area. WRD GA-9301: 1989-91.

GAGE.—Water stage recorder. Datum of gage is 600.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Reservoir is formed by concrete gravity dam with earth dikes on either side. Spillway (crest elevation, 662.5 feet) is equipped with four tainter gages 42.0 feet wide by 36.5 feet high. Capacity at maximum storage pool elevation, 698.00 feet, is 17,600 acre-feet. Dead storage is 290 acre-feet. The reservoir is used for storage and re-regulation of power releases from Carters main dam.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 45.87 feet, January 8; minimum gage-height, 23.72 feet, April 5.