



Water-Data Report 2008

**02399499 WEISS LAKE NEAR LEESBURG, AL**

Coosa-Tallapoosa Basin  
Upper Coosa Subbasin

LOCATION.--Lat 34°10'19", long 85°45'14" referenced to North American Datum of 1927, Cherokee County, AL, Hydrologic Unit 03150105, about 75 ft. upstream of centerline of left end of Weiss Dam on Coosa River on U.S. Highway 411, 1.2 miles east of Leesburg, 4 mi. upstream of Yellow Creek and at mile 226.1.

DRAINAGE AREA.--5,270 mi<sup>2</sup>, approximately

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--March 1961 to current year.

GAGE.--Water-stage recorder with remote indicating gages, referenced to a vertical staff gage. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete spillway section. Spillway is equipped with five taintor gates 40 ft. wide by 38 ft. high. Storage began Mar. 28, 1961. Total capacity at elevation of 564 ft. is 360,400 acre-ft. Reservoir is used for power development and flood control. Gage height record and capacity table furnished by Alabama Power Company.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 559,100 acre-ft., Apr. 8, 1977, elevation, 570.91 ft.; minimum daily contents, 127,200 acre-ft., Jan. 1, 1970, elevation 556.31 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily midnight contents, 306,900 acre-ft., May, 23, elevation, 564.02 ft.; minimum daily midnight contents, 145,800 acre-ft., Oct. 17, elevation, 557.36.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (cubic feet per second)
Sept. 30	557.84	154,900	--	--
Oct. 31	557.99	157,800	+2,900	+47
Nov. 30	558.53	168,700	+10,900	+183
Dec. 31	560.74	218,000	+49,300	+802
CAL YR 2007	--	--	+19,300	+110
Jan. 31	560.40	209,900	-8,100	-132
Feb. 29	561.99	249,700	+39,800	+693
Mar. 31	563.33	286,700	+37,000	+602
Apr. 30	563.83	301,300	+14,300	+241
May 31	563.68	296,900	-4,400	-72
June 30	562.88	273,900	-23,000	-387
July 31	562.94	275,600	+1,700	+28
Aug. 31	563.45	290,100	+14,500	+236
Sept. 30	561.89	247,000	-43,100	-725
WTR YR 2008	--	--	+63,300	+87