



Water-Data Report 2012

02409400 MITCHELL LAKE NEAR CLANTON, AL

Coosa-Tallapoosa Basin
Lower Coosa Subbasin

LOCATION.--Lat 32°48'22", long 86°26'41" referenced to North American Datum of 1927, Chilton County, AL, Hydrologic Unit 03150107, in NE ¼ sec. 15, T. 21 N., R. 16 E., Chilton County, Hydrologic Unit 03150107, at Mitchell Dam on the Coosa River, 5 mi downstream of Hatchet Creek, 11 mi southeast of Clanton, and at mile 36.8.

DRAINAGE AREA.--9,778mi².

SURFACE-WATER RECORDS

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Staff gage. Datum of gage is NGVD of 1929 (levels by Alabama Power Company). Prior to Jan. 1, 1966, at old Coosa River datum, 38.08 ft lower.

REMARKS.--Reservoir is formed by concrete gravity-type dam, completed August 1923, equipped with 26 radial gates 30 ft wide and 15 ft high. Total storage at elevation 311.9 ft (top of power pool) is 172,000 acre-feet, of which, 33,300 acre-ft is usable storage above elevation of 305.9 ft. Reservoir is used for power generation. Gage-height record and capacity table furnished by Alabama Power Company.

COMBINED LAY, MITCHELL, AND JORDAN LAKES MONTHEND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Date	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (cubic feet per second)
Sep 30	664,300	--	--
Oct 31	661,500	-2,800	-45
Nov 30	659,700	-1,800	-32
Dec 31	662,300	+2,600	+44
CAL YR 2011	--	+2,600	+4
Jan 31	663,800	+1,500	+24
Feb 29	660,800	-3,000	-52
Mar 31	663,400	+2,600	+42
Apr 30	661,000	-2,400	-39
May 31	667,800	+6,800	+109
Jun 30	668,100	+300	+5
Jul 31	661,100	-7,000	-114
Aug 31	658,400	-2,700	-44
Sep 30	657,500	-900	-17
WTR YR 2012	--	-6,800	-9