

02407950 LAY LAKE NEAR CLANTON, AL.

Coosa-Tallapoosa Basin
Lower Coosa Subbasin

LOCATION.--Lat 32°57'54", long 86°31'03" referenced to North American Datum of 1927, Chilton County, AL, Hydrologic Unit 03150107, at Lay Dam on the Coosa River, 0.5 mi upstream of Page Creek, 11 mi northeast of Clanton, and at mile 51.0.

DRAINAGE AREA.--9,053 mi².

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder with remote indicating gages. Prior to May 14, 1968, staff gage. Datum of gage is NGDV of 1929 (levels by Alabama Power Company). Prior to Jan. 1, 1966, at old Coosa River datum, 37.9 ft. lower.

REMARKS.--Reservoir is formed by a concrete gravity-type dam equipped with 26 radial gates 30 ft wide by 17 ft high. The pool was filled Jan. 4, 1968. Total capacity at elevation 396.0 ft (top of gates) is 262,774 acre-ft, of which 117,780 acre-ft is controlled storage above elevation 382.0 ft (minimum pool). Prior to May 14, 1968, reservoir was formed by a concrete gravity-type dam completed April 1914. Dam was equipped with 26 vertical lift gates 30 ft wide by 14 ft high. Total capacity at elevation 382.0 ft was 144,994 acre-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