

Water-Data Report 2012

**07325900 FORT COBB RESERVOIR NEAR FORT COBB, OK**

Washita Basin  
Upper Washita Subbasin

LOCATION.--Lat 35°09'28", long 98°27'23" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.22, T.8 N., R.12 W., Caddo County, OK, Hydrologic Unit 11130302, in control house at right center of dam on Cobb Creek, 4.0 mi northwest of Fort Cobb, and at mile 8.1.

DRAINAGE AREA.--308 mi<sup>2</sup>, revised. From automated delineation using 10-meter National Elevation Dataset digital elevation model data dated 10/01/2006 and Watershed Boundary Dataset dated 10/01/2006, using Albers Equal-Area Projection, North American Datum 1983.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--March 1959 to current year.

REVISED RECORDS.--WDR 2012: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation). Prior to October, 1961, nonrecording gage at same datum.

COOPERATION.--Elevations and contents furnished by U.S. Army Corps of Engineers. Data on diversions provided by Fort Cobb Reservoir Master Conservancy District.

REMARKS.--Reservoir is formed by earth dam. Outlet consists of two sets of controlled 5- by 5-foot steel gates and an uncontrolled concrete spillway. Storage began Mar. 30, 1959. Conservation pool was first filled in June 1962. Capacity, 135,900 acre-ft at elevation 1,354.8 ft, crest of drop inlet, 73,830 acre-ft at elevation 1,342.0 ft, conservation pool, and 1,260 acre-ft at elevation 1,300.0 ft, crest of gated outlet. Figures given herein represent total contents. Reservoir is used for flood control, for municipal and industrial water supply, and for irrigation releases. Revised capacity table used since May 1993. U.S. Army Corps of Engineers' satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 121,400 acre-ft, June 13, 1995, elevation, 1,352.25 ft; minimum since conservation pool was first filled, 54,650 acre-ft, Oct. 19, 1972, elevation 1,335.06 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 67,450 acre-ft, Apr 20, elevation 1,340.25 ft; minimum, 56,270 acre-ft, Sept. 25,26, elevation 1,336.87 ft.

## 07325900 FORT COBB RESERVOIR NEAR FORT COBB, OK—Continued

## MONTHEND ELEVATION AND CONTENTS, WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Date		<sup>a</sup> Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Diversions (acre-feet)
Sept	30	1,338.11	60,230	--	--
Oct	31	1,337.87	59,450	-780	909
Nov	30	1,338.32	60,920	+1,470	898
Dec	31	1,338.53	61,610	+690	688
<b>CAL YR 11</b>		--	--	-9,690	11,375
Jan	31	1,338.66	62,040	+430	832
Feb	29	1,338.82	62,570	+530	771
Mar	31	1,339.44	64,660	+2,090	903
Apr	30	1,340.13	67,030	+2,370	952
May	31	1,339.94	66,360	-670	1,047
June	30	1,339.64	65,340	-1,020	1,017
July	31	1,338.57	61,740	-3,600	1,134
Aug	31	1,337.63	58,680	-3,060	1,321
Sept	30	1,337.07	56,890	-1,790	1,112
<b>WTR YR 12</b>		-	-	-3,340	11,584

<sup>a</sup>Elevation at 2400 on the following day.