07333900 MCGEE CREEK RESERVOIR NEAR FARRIS, OK

Red-Little Basin
Muddy Boggy Subbasin

LOCATION.--Lat 34°18′56″, long 95°52′28″ referenced to North American Datum of 1927, in sec.7, T.3 S., R.14 E., Atoka County, OK, Hydrologic Unit 11140103, located in pump house at base of dam on McGee Creek.

DRAINAGE AREA.--176 mi^2, 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.--October 2003 to current year.

REVISED RECORDS.--Web only; Nov. 15-21, Dec. 4-31, 2011, Jan. 1 - Nov. 20, 2012; 2012: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NAD 1983. Prior to Dec. 12, 2011 datum of gage was NGVD 1929.

REMARKS.--Reservoir is a rolled earthfill structure about 2,000 ft long. Impoundment of the conservation pool began April 1987. Top of flood control pool 199,000 acre-ft at elevation 595.5 ft. Normal pool 114,000 acre-ft at elevation 577.1 ft. Figures given herein represent total contents. Reservoir is utilized for recreation, water quality control and flood control. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 201,700 acre-ft, July 10 2007, gage height, 595.93 ft; minimum, 88,900 acre-ft, Nov. 20.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 140,800 acre-ft, Mar 25, 26, gage height, 584.07 ft; minimum, 88,900 acre-ft, Nov. 20, 2011.

Reservoir Elevation-Capacity Table

Elevation, in ft	Capacity, in acre-ft	Elevation, in ft	Capacity, in acre-ft
568	82,770	583	138,000
570	89,090	586	151,400
572	95,710	589	165,300
574	102,600	592	180,500
577	113,600	595	196,500
580	125,400	597	207,700

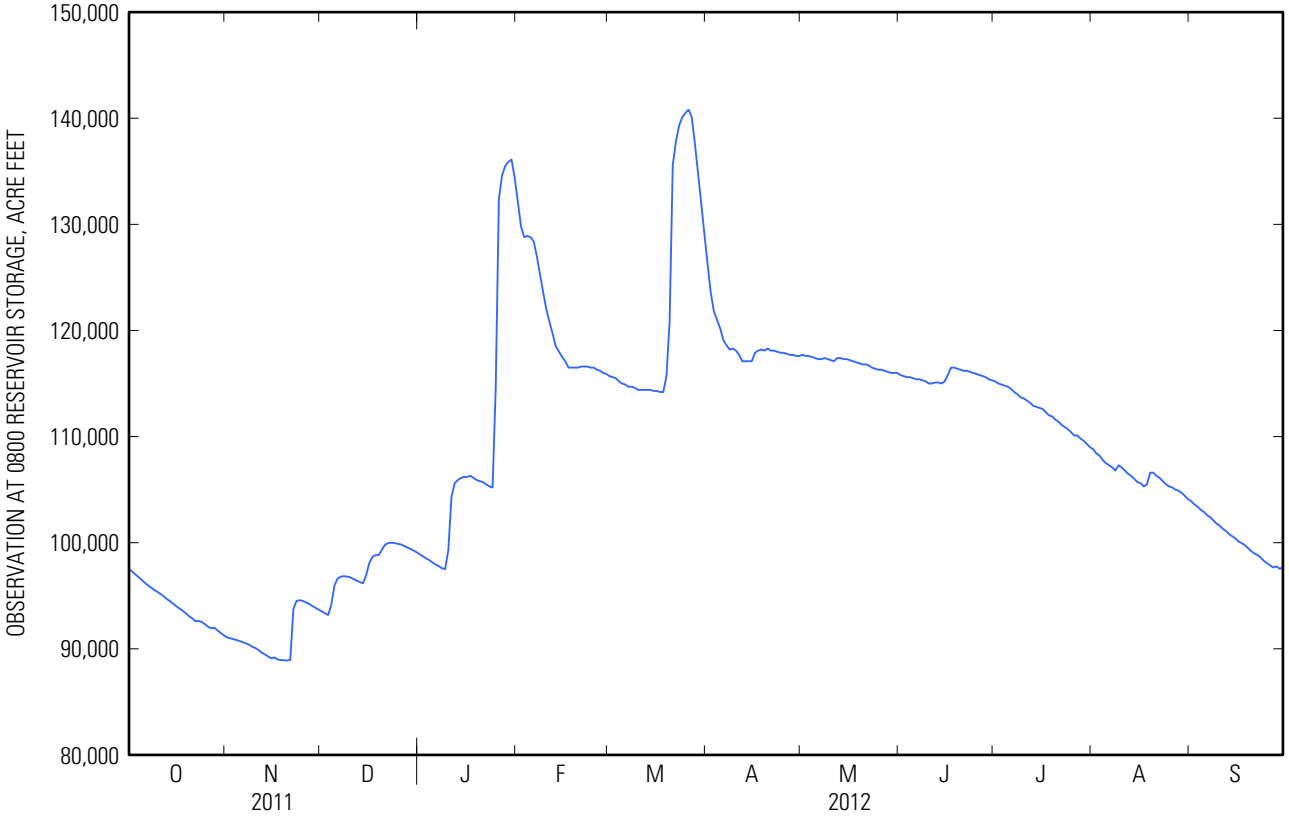
Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 07333900, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/07333900.2012.pdf

07333900 MCGEE CREEK RESERVOIR NEAR FARRIS, OK—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 0800 HOURS

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	97,520	e91,080	93,520	98,900	132,100	115,700	126,300	117,700	115,800	115,200	108,800	103,900
2	97,280	e90,990	93,350	e98,710	129,800	e115,600	123,600	117,600	e115,700	e115,000	108,400	103,600
3	97,010	e90,910	93,180	98,520	128,800	e115,500	121,800	117,600	e115,600	114,900	108,200	103,400
4	96,770	e90,830	94,170	98,350	128,900	115,200	121,000	117,500	e115,600	114,800	107,800	103,100
5	96,500	e90,730	95,980	98,140	128,800	e115,000	120,200	117,400	e115,500	114,700	107,500	102,900
6	96,220	e90,620	96,630	97,940	128,400	e114,900	119,100	117,300	115,400	114,500	107,300	102,600
7	95,980	e90,510	96,800	e97,780	127,000	e114,700	118,600	117,300	115,400	114,200	107,100	102,400
8	95,780	e90,390	96,840	97,590	125,300	e114,700	118,200	e117,400	e115,300	114,000	106,800	102,100
9	95,540	e90,190	96,800	e97,510	123,600	e114,600	118,300	117,300	115,200	e113,700	107,300	101,800
10	95,370	90,070	96,740	e99,300	122,000	e114,400	118,100	117,200	e115,000	113,600	107,100	101,600
11	95,160	89,880	96,570	104,300	e120,800	e114,400	117,700	117,100	e115,000	113,400	106,800	101,300
12	94,960	89,630	96,430	105,600	119,700	114,400	117,100	117,400	e115,100	113,200	e106,500	101,100
13	94,680	89,470	96,290	105,900	118,500	114,400	117,100	117,400	115,100	112,900	e106,300	100,800
14	94,480	89,280	e96,170	e106,100	118,000	114,400	e117,100	e117,300	115,000	112,800	106,000	100,600
15	94,240	89,090	96,910	106,200	117,500	114,300	117,100	117,300	115,200	112,700	105,700	100,400
16	94,000	89,190	98,070	e106,200	117,100	114,300	117,900	e117,200	115,800	112,600	105,600	100,100
17	93,790	e89,000	98,660	e106,300	116,500	114,200	118,100	117,100	116,500	112,300	105,300	99,960
18	93,590	e88,940	98,830	106,100	116,500	114,200	118,200	117,000	e116,500	112,000	105,500	e99,760
19	93,350	e88,920	e98,840	e105,900	116,500	e115,700	e118,100	e116,900	e116,400	111,900	106,600	99,480
20	93,070	e88,900	99,340	e105,800	116,500	120,800	e118,300	e116,800	116,300	111,600	106,600	99,200
21	92,870	e88,950	99,820	e105,700	e116,600	135,600	e118,100	e116,800	116,200	111,400	106,300	e98,980
22	92,590	93,760	99,960	e105,500	e116,600	137,800	e118,100	116,700	116,200	111,100	106,100	98,830
23	92,630	94,510	100,000	e105,300	e116,600	139,300	118,000	e116,500	116,100	110,900	105,800	98,590
24	92,530	94,580	e99,970	105,200	e116,500	140,100	117,900	e116,400	116,000	110,700	105,500	98,280
25	92,320	94,510	99,890	114,600	116,500	140,500	117,900	e116,300	115,900	110,400	105,300	98,070
26	92,080	94,370	e99,840	132,400	116,300	140,800	117,800	116,300	115,800	110,100	105,200	e97,850
27	91,940	94,240	e99,700	134,600	116,200	140,100	117,700	116,200	115,700	110,100	105,000	97,660
28	91,980	94,030	99,550	135,500	116,000	137,600	117,700	116,100	115,600	109,800	104,900	97,770
29	91,740	93,860	99,410	135,900	e115,900	134,800	117,600	116,000	115,400	109,600	104,700	97,530
30	91,490	93,690	e99,260	136,100	---	132,000	e117,600	e116,000	115,300	109,300	104,400	97,700
31	91,270	---	99,100	134,400	---	129,100	---	116,000	---	109,000	104,100	---
Max	97,520	94,580	100,000	136,100	132,100	140,800	126,300	117,700	116,500	115,200	108,800	103,900
Min	91,270	88,900	93,180	97,510	115,900	114,200	117,100	116,000	115,000	109,000	104,100	97,530
Elevation, in feet, at end of month												
	570.65	571.37	573.37	582.22	578.00	580.88	578.46	578.02	577.84	576.13	574.80	572.97
Change in contents, in acre-ft												
	-6,600	+2,420	+5,410	+35,300	-18,500	+13,200	-11,500	-1,600	-700	-6,300	-4,900	-6,400

	Calendar Year 2011	Water Year 2012
Max	134,900	140,800
Min	88,900	88,900
Change in Contents, in acre-ft	-9,000	-170

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