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.--178 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 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, 90,890 acre-ft, Jan. 12-16, 2004, gage height, 570.57.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 135,000 acre-ft, May 4, gage height, 582.29 ft; minimum, 97,660 acre-ft, Sep. 30, gage height, 572.57 ft.

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

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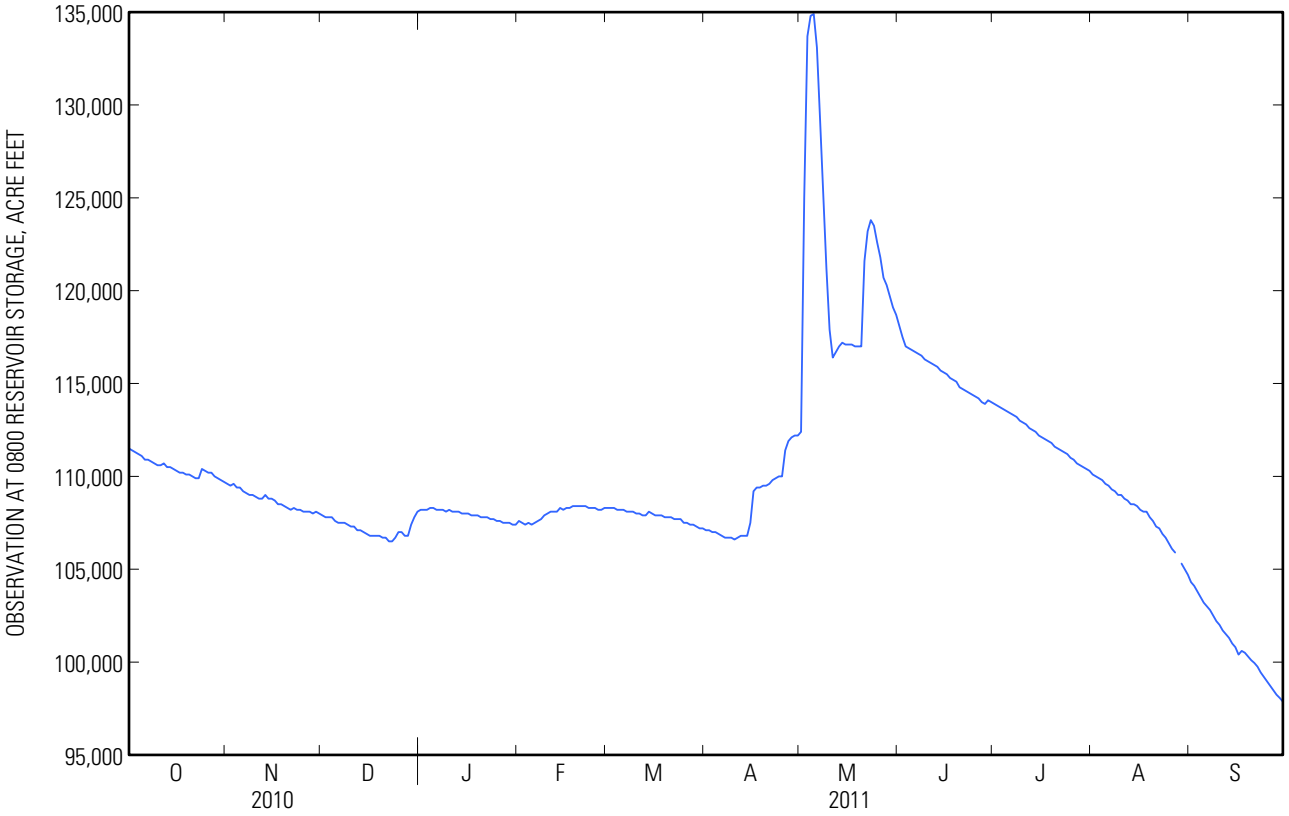
RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY OBSERVATION AT 0800 HOURS
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	111,500	109,600	107,900	108,200	107,600	e108,300	e107,100	112,400	118,100	113,900	110,100	e104,300
2	111,400	109,500	107,800	108,200	107,500	e108,300	e107,100	e125,000	117,500	113,800	110,000	e104,100
3	111,300	109,600	107,800	108,200	107,400	e108,300	e107,000	e133,700	117,000	113,700	109,900	e103,800
4	111,200	109,400	107,800	108,300	107,500	e108,200	e107,000	134,800	116,900	113,600	109,800	e103,500
5	111,100	109,400	107,600	108,300	107,400	e108,200	106,900	134,900	116,800	e113,500	109,600	e103,200
6	110,900	109,200	107,500	108,200	107,500	e108,200	106,800	133,100	116,700	113,400	109,500	e103,000
7	110,900	109,100	107,500	108,200	107,600	e108,100	e106,700	129,200	116,600	113,300	109,300	e102,800
8	110,800	109,000	107,500	108,200	107,700	e108,100	106,700	125,200	116,500	113,200	109,200	102,500
9	110,700	109,000	107,400	108,100	107,900	108,100	106,700	121,200	116,300	113,000	109,000	102,200
10	110,600	108,900	107,300	108,200	108,000	108,000	106,600	117,900	116,200	112,900	109,000	102,000
11	110,600	108,800	107,300	108,100	108,100	108,000	e106,700	116,400	116,100	112,800	108,800	101,700
12	110,700	108,800	107,100	108,100	108,100	107,900	106,800	116,700	116,000	112,600	108,700	101,500
13	110,500	109,000	107,100	108,100	108,100	107,900	106,800	117,000	115,900	112,500	108,500	101,300
14	110,500	108,800	107,000	108,000	108,300	108,100	106,800	117,200	115,700	112,400	108,500	101,000
15	110,400	108,800	106,900	108,000	108,200	108,000	107,500	117,100	115,600	112,200	108,400	100,800
16	110,300	108,700	106,800	108,000	108,300	107,900	109,200	117,100	115,500	112,100	108,200	100,400
17	110,200	108,500	106,800	107,900	108,300	107,900	109,400	117,100	115,300	112,000	108,100	100,600
18	110,200	108,500	106,800	107,900	108,400	107,900	e109,400	117,000	115,200	111,900	108,100	100,500
19	110,100	108,400	106,800	107,900	108,400	107,800	e109,500	117,000	115,100	111,800	107,800	100,300
20	110,100	108,300	106,700	107,800	108,400	107,800	109,500	117,000	114,800	111,600	107,600	100,100
21	110,000	108,200	106,700	107,800	108,400	107,800	109,600	121,600	114,700	111,500	107,300	99,950
22	109,900	108,300	106,500	107,800	108,400	107,700	109,800	123,200	114,600	111,400	107,200	99,750
23	109,900	108,200	106,500	107,700	108,300	107,700	e109,900	123,800	114,500	111,300	106,900	99,440
24	110,400	108,200	106,700	107,700	108,300	107,700	110,000	123,500	114,400	111,200	106,700	99,200
25	110,300	108,100	107,000	107,600	108,300	107,500	e110,000	122,600	114,300	111,000	106,400	98,960
26	110,200	108,100	107,000	107,600	108,200	107,500	111,400	121,800	114,200	110,900	106,100	98,720
27	110,200	108,100	106,800	107,500	108,200	107,400	111,900	120,700	114,000	110,700	105,900	98,480
28	110,000	108,000	106,800	107,500	e108,300	107,400	112,100	120,300	113,900	110,600	---	98,240
29	109,900	108,100	107,400	107,500	---	107,300	112,200	119,700	114,100	110,500	e105,300	98,070
30	109,800	108,000	107,800	107,400	---	e107,200	112,200	119,100	114,000	110,400	e105,000	97,870
31	109,700	---	108,100	107,400	---	e107,200	---	118,700	---	110,300	e104,700	---
Max	111,500	109,600	108,100	108,300	108,400	108,300	112,200	134,900	118,100	113,900	---	104,300
Min	109,700	108,000	106,500	107,400	107,400	107,200	106,600	112,400	113,900	110,300	---	97,870
Elevation, in feet, at end of month												
	575.92	575.46	575.54	575.31	---	---	576.62	578.20	577.09	576.07	---	572.56
Change in contents, in acre-ft												
	-1900	-1700	100	-700	900	-1100	5000	6500	-4700	-3700	-5600	-6830

	Calendar Year 2010	Water Year 2011
Max	124,800	134,900
Min	106,500	97,870
Change in Contents, in acre-ft	-13,200	-13,730

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