

**11446200 Folsom Lake near Folsom, CA**

Sacramento River Basin

LOCATION.--Lat 38°42'29", long 121°09'22" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.24, T.10 N., R.7 E., Sacramento County, CA, Hydrologic Unit 18020128, near center of dam on American River, 0.7 mi downstream from South Fork American River, and 2.3 mi northeast of Folsom.

DRAINAGE AREA.--1,861 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--February 1955 to current year. Prior to October 1959, published as "Folsom Reservoir near Folsom."

REVISED RECORDS.--WSP 1931: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation).

COOPERATION.--Records provided by U.S. Bureau of Reclamation. Total evaporation provided by U.S. Bureau of Reclamation; not reviewed by U.S. Geological Survey.

REMARKS.--Reservoir is formed by concrete gravity-type dam with rolled-earth-wing dams, auxiliary dams, and dikes, completed May 14, 1956; storage began Feb. 25, 1955. Total capacity, 1,010,300 acre-ft, between elevations 205.5 ft, invert of lower tier of river outlets, and 466.0 ft, gross pool elevation, all of which are available for release. Spillway design flood pool elevation, 475.4 ft, capacity, 1,120,200 acre-ft. Records, including extremes, represent usable contents at 2400 hours. See schematic diagram of lower Sacramento River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 1,024,400 acre-ft, June 15, 1963, elevation, 467.23 ft; minimum since storage pool first filled, 140,600 acre-ft, Nov. 20, 21, 1977, elevation, 347.57 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 788,500 acre-ft, May 26, elevation, 448.33 ft; minimum, 323,000 acre-ft, Sept. 30, elevation, 391.08 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)  
(Based on survey by U.S. Bureau of Reclamation in 1992)**

<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>
345	123,600	370	210,500	400	376,900	460	908,400
350	137,900	380	258,600	420	525,500	479	1,125,000
360	170,600	390	314,100	440	703,800		

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**RESERVOIR STORAGE, ACRE FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	635,000	534,200	486,300	480,300	466,600	593,900	692,500	742,900	786,700	648,500	484,700	372,300
2	632,600	532,300	485,400	479,600	465,000	596,800	693,200	745,100	786,200	640,200	480,400	368,400
3	630,000	529,600	483,800	478,700	464,200	600,100	693,700	749,500	785,600	634,300	476,100	365,600
4	625,800	526,800	481,900	483,200	463,000	602,500	694,600	752,700	785,200	629,300	472,000	363,100
5	623,100	524,600	480,100	488,000	461,200	605,000	694,800	754,700	784,300	624,200	467,200	360,100
6	619,600	522,200	478,500	489,500	459,200	607,600	696,000	756,000	783,900	619,500	462,200	357,400
7	616,800	520,500	477,000	490,000	456,800	609,300	698,300	758,100	782,200	615,400	458,100	355,300
8	614,100	518,600	474,800	490,100	455,900	612,400	700,200	761,200	780,700	610,700	453,800	352,700
9	611,000	516,200	474,600	489,800	457,400	616,200	702,300	763,400	778,700	606,200	448,800	350,500
10	607,400	514,300	474,300	489,800	472,100	619,700	703,300	766,800	776,000	602,700	444,300	347,200
11	603,800	513,100	473,800	489,200	508,900	622,900	703,900	769,600	773,500	597,200	440,100	344,800
12	600,800	511,200	473,600	488,700	523,600	627,000	704,400	771,300	772,200	591,200	436,800	343,900
13	598,200	509,100	475,200	488,100	529,500	632,200	705,800	772,100	770,500	585,200	433,400	342,800
14	594,700	508,600	478,300	487,200	533,600	637,500	706,800	773,200	767,300	580,000	429,900	341,100
15	592,200	508,200	481,000	487,000	536,300	642,700	707,400	774,100	763,700	574,200	426,800	339,600
16	588,100	508,100	483,800	487,300	538,400	648,000	707,800	775,900	757,400	568,100	423,300	338,300
17	585,300	506,900	483,800	486,700	539,700	654,700	708,500	777,300	751,100	560,600	419,800	337,300
18	582,200	505,900	483,000	485,800	540,700	659,800	709,200	779,600	744,300	555,300	416,600	335,400
19	578,700	504,600	481,800	484,600	541,600	664,700	709,900	782,400	737,500	549,000	412,600	334,300
20	575,800	502,700	480,900	483,400	542,300	669,600	710,200	783,600	730,000	542,900	409,100	333,300
21	572,600	501,600	480,500	482,700	542,800	673,100	710,900	784,500	722,400	537,200	406,200	332,400
22	569,000	500,000	481,500	481,300	544,300	675,800	713,700	785,400	716,300	531,200	402,900	331,800
23	565,900	498,700	481,900	479,300	545,300	678,100	717,100	786,000	709,900	524,700	399,900	330,700
24	562,000	496,800	481,700	478,000	545,700	680,600	719,300	787,200	703,100	519,300	396,100	329,300
25	558,600	495,100	481,000	476,900	551,800	683,000	722,200	788,100	696,000	514,700	392,600	328,300
26	555,800	493,200	480,900	475,900	566,500	685,800	725,000	788,500	687,900	510,800	389,700	327,800
27	552,200	491,500	482,500	474,500	582,300	690,000	729,000	787,900	679,400	507,200	385,600	327,600
28	549,100	490,000	483,200	473,300	589,400	692,500	732,700	787,100	671,700	503,000	382,500	326,700
29	545,800	489,000	482,900	471,700	---	693,100	735,800	786,500	663,300	498,000	381,000	324,900
30	541,900	487,700	482,500	469,800	---	693,700	739,600	787,200	655,900	493,600	377,800	323,000
31	538,000	---	481,600	468,400	---	693,300	---	787,200	---	489,500	375,600	---
<b>Max</b>	635,000	534,200	486,300	490,100	589,400	693,700	739,600	788,500	786,700	648,500	484,700	372,300
<b>Min</b>	538,000	487,700	473,600	468,400	455,900	593,900	692,500	742,900	655,900	489,500	375,600	323,000
<b>Elevation, in feet, at end of month</b>	421.21	414.96	414.18	412.46	427.25	438.63	443.42	448.20	434.65	415.20	399.43	391.08
<b>Change in contents, in acre-feet</b>	-100,800	-50,300	-6,100	-13,200	+121,000	+103,900	+46,300	+47,600	-131,300	-166,400	-113,900	-52,600
<b>Total evaporation, in acre-feet</b>	2,057	609	504	859	748	2,122	3,035	4,681	4,796	4,526	3,848	2,410

	Calendar Year 2006	Water Year 2007
<b>Change in contents, in acre-feet</b>	-166,900	-315,800

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