

Water-Data Report 2007

10292500 Bridgeport Reservoir Near Bridgeport, CA

Walker Basin
East Walker Subbasin

LOCATION.--Lat 38°19'30", long 119°12'40" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.34, T.6 N., R.25 E., Mono County, CA, Hydrologic Unit 16050301, in Toiyabe National Forest, at Bridgeport Dam on East Walker River, and 4.5 mi north of Bridgeport.

DRAINAGE AREA.--358 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Mar 1926 to current year. Month end contents only for some periods, published in WSP 1314.

REVISED RECORDS.--WSP 1180: 1949. WSP 1927: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,466.44 ft above National Geodetic Vertical Datum of 1929 (project datum).

REMARKS.--Reservoir is formed by earthfill, rock-faced dam. Storage began Dec 8, 1923. Dam completed in Nov 1924. Capacity, 42,460 acre-ft between elevations 6,415 ft, approximate elevation of bottom of reservoir, and 6,461 ft. Crest of spillway is at elevation 6,460.75 ft; however, there are four siphons that become operative prior to reaching this spillway. Elevation of sill of outlet gate, 6,412 ft. No dead storage. Figures given herein represent total contents. Water is used for irrigation by Walker River Irrigation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 44,880 acre-ft, Jun 16, 1974, elevation 6,460.78 ft; no usable contents at times in water years 1929, 1930, 1960, 1977, 1988, and 1989.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 33,370 acre-ft, Mar. 19, gage height, 56.71 ft; minimum contents, 9,290 acre-ft, Sept. 29, gage height, 43.17 ft.

10292500 Bridgeport Reservoir Near Bridgeport, CA—Continued

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	18,420	17,830	21,310	24,770	27,900	32,590	32,480	29,960	27,320	22,980	17,490	12,020
2	18,300	17,990	21,380	24,900	27,990	32,710	32,360	29,760	27,320	22,810	17,210	11,920
3	18,160	18,130	21,480	25,080	28,060	32,810	32,280	29,620	27,300	22,660	16,960	11,820
4	18,090	18,250	21,580	25,250	28,150	32,810	32,200	29,570	27,270	22,540	16,710	11,680
5	17,990	18,400	21,700	25,410	28,290	32,970	32,180	29,430	27,230	22,460	16,440	11,570
6	17,950	18,520	21,800	25,500	28,420	33,070	32,180	29,330	27,140	22,310	16,150	11,470
7	17,900	18,680	21,910	25,650	28,520	33,120	32,100	29,160	27,040	22,150	15,880	11,370
8	17,830	18,820	22,030	25,760	28,680	33,020	32,100	29,040	26,930	21,950	15,640	11,260
9	17,800	18,930	22,170	25,850	28,820	32,940	31,900	28,910	26,860	21,800	15,430	11,190
10	17,890	19,260	22,210	25,980	29,090	32,870	31,750	28,820	26,730	21,620	15,190	11,110
11	17,950	19,180	22,340	26,070	29,500	32,920	31,620	28,750	26,620	21,460	14,950	10,980
12	18,040	19,280	22,400	26,160	29,740	32,940	31,520	28,680	26,460	21,330	14,720	10,910
13	18,110	19,500	22,560	26,200	29,930	32,990	31,450	28,610	26,350	21,170	14,490	10,740
14	18,180	19,610	22,660	26,270	30,120	33,090	31,300	28,540	26,240	21,010	14,270	10,610
15	18,230	19,760	22,750	26,330	30,290	33,120	31,280	28,450	26,070	20,860	14,090	10,470
16	18,160	19,900	23,000	26,420	30,510	33,200	31,230	28,330	25,910	20,700	13,910	10,290
17	18,210	20,030	23,080	26,490	30,650	33,250	31,180	28,260	25,760	20,580	13,770	10,190
18	18,180	20,160	23,160	26,570	30,850	33,220	31,090	28,120	25,650	20,440	13,610	10,060
19	18,140	20,250	23,200	26,640	31,040	33,140	31,060	27,990	25,500	20,230	13,430	9,890
20	18,070	20,360	23,290	26,730	31,210	32,990	31,040	27,870	25,250	20,100	13,310	9,870
21	17,970	20,530	23,450	26,820	31,330	32,970	31,020	27,760	25,080	19,940	13,170	9,790
22	17,890	20,560	23,540	26,910	31,570	32,890	30,990	27,660	24,860	19,810	13,020	9,780
23	17,820	20,620	23,680	27,000	31,620	32,840	30,970	27,620	24,580	19,660	12,890	9,730
24	17,770	20,720	23,810	27,110	31,820	32,810	30,990	27,530	24,260	19,550	12,750	9,660
25	17,700	20,820	23,910	27,200	32,080	32,760	30,920	27,410	23,990	19,330	12,630	9,610
26	17,630	20,890	24,100	27,300	32,180	32,710	30,820	27,370	23,790	19,090	12,500	9,560
27	17,590	20,990	24,260	27,410	32,330	32,660	30,680	27,320	23,600	18,840	12,420	9,520
28	17,520	21,030	24,350	27,500	32,430	32,590	30,440	27,300	23,500	18,590	12,370	9,410
29	17,540	21,090	24,430	27,620	---	32,540	30,290	27,320	23,310	18,330	12,230	9,440
30	17,540	21,210	24,560	27,710	---	32,540	30,080	27,320	23,160	18,070	12,160	9,470
31	17,680	---	24,660	27,830	---	32,510	---	27,320	---	17,770	12,100	---
Max	18,420	21,210	24,660	27,830	32,430	33,250	32,480	29,960	27,320	22,980	17,490	12,020
Min	17,520	17,830	21,310	24,770	27,900	32,510	30,080	27,300	23,160	17,770	12,100	9,410
Elevation, in feet above NGVD 1929 (project datum), at end of month.	6,449.36	6,451.30	6,453.00	6,454.42	6,456.34	6,456.37	6,455.38	6,454.20	6,452.28	6,449.41	6,445.58	6,443.34
Change in contents, in acre-feet.	-880	+3,350	+3,450	+3,170	+4,600	+80	-2,430	-2,760	-4,160	-5,390	-5,670	-2,630

	Calendar Year 2006	Water Year 2007
Max	42,670	33,250
Min	17,520	9,410
Change in contents, in acre-feet.	-17,160	-9,090