Water-Data Report 2013

06891478 CLINTON LAKE NEAR LAWRENCE, KS

Kansas Basin
Lower Kansas Subbasin

LOCATION.--Lat 38°55′52″, long 95°19′56″ referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.8, T.13 S., R.19 E., Douglas County, KS, Hydrologic Unit 10270104, in control tower of Clinton Dam on Wakarusa River, 4.0 mi west of Lawrence, and at mile 22.3.

DRAINAGE AREA.--367 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Records good except those for estimated elevations, which are fair. Reservoir is formed by compacted earthfill dam. Storage began Nov. 30, 1977. Conservation pool elevation was first reached Apr. 3, 1980. Total capacity, 679,900 acre-ft, consisting of the following: Conservation pool, 125,300 acre-ft between elevations 825.0 ft and 875.5 ft; flood-control pool, 394,100 acre-ft between elevations 875.5 ft and 903.4 ft; and surcharge pool, 448,700 acre-ft between elevations 903.4 ft and 921.4 ft. Reservoir is used for flood control, conservation, and recreation. Figures given herein represent total contents. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 892.48 ft, May 29, 1995, contents, 274,500 acre-ft; minimum elevation since conservation pool first reached, 871.60 ft, Aug. 18, 1989, contents, 103,300 acre-ft.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 873.82 ft, June 9, contents, 106,900 acre-ft; minimum elevation, 871.65 ft, Apr. 14, contents, 92,580 acre-ft.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 06891478, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/06891478.2013.pdf

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LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	872.85	872.45	872.17	871.97	871.84	871.84	871.80	871.82	873.54	873.55	872.86	872.58
2	872.82	872.42	872.17	871.97	871.84	871.83	871.79	871.84	873.65	873.52	872.87	872.56
3	872.80	872.42	872.16	871.96	871.83	871.81	871.78	871.88	873.69	873.49	872.87	872.53
4	872.78	872.41	872.16	871.95	871.82	871.81	871.77	871.93	873.70	873.47	872.90	872.50
5	872.74	872.39	872.15	871.95	871.81	871.82	871.76	871.96	873.73	873.44	872.91	872.47
6	872.72	872.39	872.14	871.94	871.80	871.80	871.75	871.97	873.74	873.41	872.95	872.45
7	872.70	872.36	872.13	871.93	871.85	871.78	871.73	871.98	873.74	873.38	873.01	872.43
8	872.67	872.34	872.12	871.93	871.86	871.78	871.73	871.99	873.74	873.36	873.00	872.40
9	872.65	872.34	872.12	871.92	871.85	871.81	871.71	872.05	873.79	873.33	873.01	872.37
10	872.63	872.32	872.11	871.93	871.86	871.87	871.79	872.06	873.78	873.29	873.00	872.33
11	872.61	872.40	872.09	871.96	871.85	871.87	871.80	872.05	873.78	e873.25	872.98	872.30
12	872.58	872.40	872.07	871.96	871.83	871.85	871.78	872.05	873.77	873.21	873.01	872.28
13	872.64	872.37	872.05	871.95	871.83	871.84	871.75	872.04	873.74	873.18	873.00	872.24
14	872.72	872.36	872.04	871.94	871.82	871.83	871.73	872.03	873.73	873.14	872.98	872.21
15	872.70	872.35	872.07	871.93	871.80	871.83	871.74	872.02	873.72	873.11	872.96	872.17
16	872.69	872.34	872.07	871.92	871.79	871.80	871.70	872.00	873.71	873.09	872.94	872.18
17	872.69	872.33	872.06	871.92	871.78	871.80	871.71	871.99	873.73	873.07	872.92	872.23
18	872.68	872.31	872.05	871.92	871.77	871.82	871.74	871.97	873.74	873.04	872.90	872.24
19	872.63	872.30	872.03	871.91	871.75	871.81	871.72	871.99	873.75	873.00	872.87	872.23
20	872.60	872.30	872.07	871.89	871.72	871.81	871.68	872.02	873.75	873.02	872.85	872.27
21	872.59	872.29	872.05	871.88	871.76	871.78	871.67	872.01	873.73	873.03	872.83	872.24
22	872.60	872.27	872.04	871.87	871.81	871.78	871.66	871.98	873.71	873.01	872.80	872.21
23	872.59	872.27	872.04	871.86	871.79	871.78	871.71	871.95	873.67	872.97	872.78	872.18
24	872.59	872.25	872.03	871.84	871.77	871.83	871.72	871.92	873.66	872.94	872.76	872.15
25	872.58	872.23	872.00	871.85	871.76	871.84	871.70	871.91	873.64	872.92	872.74	872.13
26	872.54	872.20	872.00	871.84	871.84	871.83	871.72	871.89	873.62	872.90	872.72	872.10
27	872.52	872.20	871.99	871.84	871.86	871.81	871.77	872.03	873.60	872.87	872.69	872.08
28	872.51	872.19	871.99	871.84	871.84	871.81	871.81	872.33	873.67	872.84	872.66	872.08
29	872.49	872.18	871.98	871.86	---	871.80	871.82	872.50	873.64	872.84	872.63	872.06
30	872.47	872.17	871.96	871.88	---	871.81	871.81	872.57	873.59	872.89	872.61	872.04
31	872.46	---	871.96	871.86	---	871.82	---	872.98	---	872.88	872.59	---
Mean	872.64	872.32	872.07	871.91	871.81	871.82	871.75	872.06	873.70	873.14	872.86	872.27
Max	872.85	872.45	872.17	871.97	871.86	871.87	871.82	872.98	873.79	873.55	873.01	872.58
Min	872.46	872.17	871.96	871.84	871.72	871.78	871.66	871.82	873.54	872.84	872.59	872.04

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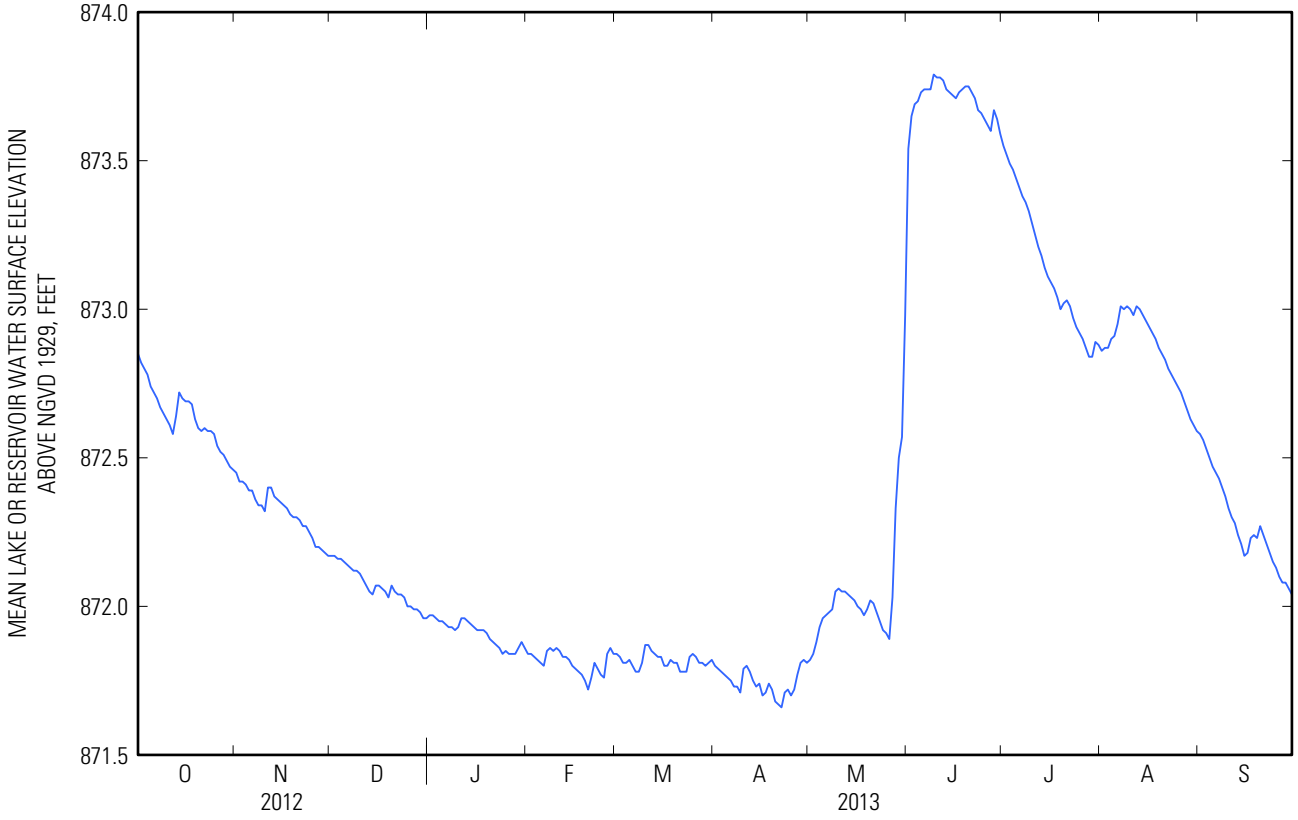

06891478 CLINTON LAKE NEAR LAWRENCE, KS—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	100,400	97,770	95,910	94,610	93,810	93,760	93,510	93,640	105,000	105,100	100,500	98,610
2	100,200	97,590	95,890	94,580	93,770	93,690	93,460	93,800	105,800	104,900	100,500	98,460
3	100,100	97,560	95,840	94,520	93,700	93,590	93,390	94,030	106,000	104,700	100,500	98,280
4	99,910	97,470	95,850	94,490	93,660	93,580	93,370	94,330	106,100	104,500	100,700	98,070
5	99,660	97,380	95,760	94,480	93,610	93,650	93,290	94,550	106,300	104,300	100,800	97,890
6	99,530	97,330	95,700	94,410	93,550	93,510	93,180	94,620	106,400	104,100	101,100	97,730
7	99,410	97,180	95,660	94,380	93,870	93,400	93,070	94,670	106,400	104,000	101,400	97,590
8	99,220	97,040	95,600	94,320	93,910	93,380	93,060	94,750	106,400	103,800	101,400	97,420
9	99,070	97,000	95,600	94,290	93,830	93,590	92,980	95,120	106,700	103,600	101,400	97,260
10	98,970	96,870	95,490	94,370	93,920	93,990	93,460	95,170	106,600	e103,300	101,300	96,980
11	98,830	97,400	95,380	94,520	93,840	93,950	93,540	95,130	106,600	e103,000	101,200	96,770
12	98,610	97,430	95,240	94,570	93,740	93,860	93,380	95,100	106,600	102,800	101,400	96,630
13	99,030	97,260	95,110	94,480	93,730	93,780	93,230	95,040	106,400	102,600	101,400	96,400
14	99,530	97,180	95,100	94,400	93,670	93,700	93,110	95,020	106,300	102,300	101,200	96,180
15	99,400	97,110	95,260	94,360	93,560	93,700	93,120	94,910	106,200	102,100	101,100	95,930
16	99,340	97,040	95,240	94,310	93,500	93,560	92,910	94,830	106,200	102,000	101,000	96,010
17	99,310	96,940	95,190	94,270	93,400	93,530	92,940	94,740	106,300	101,800	100,800	96,280
18	99,250	96,870	95,130	94,280	93,320	93,640	93,150	94,640	106,400	101,600	100,700	96,370
19	98,930	96,790	94,990	94,220	93,240	93,600	93,040	94,730	106,400	101,400	100,500	96,330
20	98,730	96,760	95,290	94,110	93,010	93,580	92,770	94,920	106,400	101,500	100,400	96,600
21	98,670	96,690	95,160	94,070	93,250	93,400	92,720	94,850	106,300	101,600	100,200	96,380
22	98,710	96,580	95,090	93,970	93,600	93,430	92,660	94,660	106,200	101,400	100,100	96,190
23	98,690	96,550	95,070	93,940	93,480	93,400	92,950	94,480	105,900	101,200	99,930	95,970
24	98,670	96,410	94,980	93,800	93,360	93,750	93,010	94,280	105,800	101,000	99,780	95,810
25	98,590	96,280	94,780	93,830	93,280	93,790	92,910	94,200	105,700	100,800	99,630	95,640
26	98,370	96,130	94,790	93,770	93,800	93,710	93,000	94,120	105,600	100,700	99,510	95,450
27	98,240	96,140	94,720	93,760	93,880	93,570	93,320	95,040	105,400	100,500	99,310	95,300
28	98,140	96,070	94,720	93,780	93,810	93,570	93,580	96,960	105,900	100,300	99,110	95,320
29	98,000	95,980	94,650	93,900	---	93,550	93,690	98,060	105,700	100,300	98,930	95,210
30	97,860	95,940	94,570	94,030	---	93,590	93,620	98,570	105,400	100,700	98,800	95,070
31	97,850	---	94,550	93,920	---	93,630	---	101,300	---	100,600	98,660	---
Mean	99,010	96,890	95,240	94,220	93,610	93,630	93,180	95,170	106,100	102,300	100,400	96,600