

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'45'', long 82°02'26'', Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi upstream from the dam and 2.8 mi southwest of Fingerville.

DRAINAGE AREA.--79.4 mi².

PERIOD OF RECORD.--October 1968 to September 1988, October 1995 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (Spartanburg Water Works benchmark).

REMARKS.--Lake is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gallons. Spillway crest is 815 ft sea level. Water used as inflow to South Pacolet River Reservoir, capacity, 1,104,000,000 gallons.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 817.44 ft, Oct. 9, 1976; minimum elevation, 809.28 ft, Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 815.82 ft, Mar. 20; minimum elevation, 811.62 ft, Oct. 1.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	811.65	813.82	815.07	815.03	814.91	815.03	814.95	815.00	815.13	814.69	813.95	812.79
2	811.66	814.09	815.08	815.04	814.91	815.00	814.94	814.96	815.13	814.63	813.97	812.79
3	811.68	814.14	815.08	815.04	814.91	814.98	815.18	814.93	815.17	814.57	814.00	812.84
4	811.85	814.16	815.09	815.12	814.91	814.98	815.08	814.90	815.15	814.51	814.02	812.92
5	811.93	814.21	815.10	815.09	814.89	814.94	815.00	814.96	815.19	814.47	814.01	812.95
6	811.97	814.24	815.11	815.07	814.87	814.94	814.96	815.06	815.16	814.43	814.02	812.93
7	812.00	814.27	815.10	815.06	814.86	814.94	814.93	815.12	815.14	814.38	813.99	812.93
8	812.02	814.28	815.09	815.06	814.86	814.96	814.86	815.15	815.13	814.33	813.97	812.93
9	812.05	814.29	815.09	815.11	814.87	814.97	814.81	815.17	815.14	814.28	813.93	812.90
10	812.58	814.29	815.10	815.27	814.88	814.97	814.82	815.16	815.13	814.23	813.92	812.88
11	813.28	814.30	815.10	815.17	814.89	815.03	814.85	815.16	815.12	814.23	813.88	812.85
12	813.49	814.30	815.10	815.09	815.00	814.97	814.90	815.16	815.12	814.28	813.83	812.81
13	813.61	814.30	815.09	815.00	815.06	814.92	814.98	815.15	815.11	814.29	813.79	812.78
14	813.69	814.31	815.14	814.92	815.17	814.93	815.10	815.15	815.11	814.28	813.74	812.74
15	813.73	814.30	815.09	814.84	815.12	814.96	815.32	815.15	815.13	814.22	813.70	812.63
16	813.77	814.28	815.04	814.81	815.07	815.17	815.30	815.14	815.12	814.20	813.66	812.55
17	813.81	814.27	815.06	814.80	815.03	815.24	815.21	815.14	815.12	814.16	813.60	812.48
18	813.82	814.25	815.07	814.83	815.03	815.19	815.14	815.14	815.14	814.13	813.51	812.45
19	813.81	814.26	815.08	814.84	814.99	815.17	815.11	815.13	815.13	814.09	813.43	812.38
20	813.85	814.29	815.08	814.86	814.94	815.81	815.07	815.13	815.13	814.04	813.35	812.36
21	813.86	814.31	815.09	814.81	814.92	815.39	815.03	815.15	815.13	814.01	813.29	812.45
22	813.83	814.33	815.08	814.83	814.95	815.22	814.98	815.14	815.11	814.03	813.22	812.59
23	813.77	814.34	815.08	814.86	814.99	815.13	814.94	815.14	815.11	814.03	813.16	812.75
24	813.75	814.37	815.08	814.87	815.03	815.11	814.96	815.18	815.10	814.01	813.13	812.78
25	813.71	814.47	815.07	814.86	815.03	815.10	814.96	815.17	815.09	814.01	813.07	812.83
26	813.71	814.84	815.06	814.85	815.00	815.09	814.93	815.16	815.02	814.01	813.01	812.80
27	813.70	814.94	815.05	814.82	815.07	815.02	814.87	815.15	814.90	813.97	812.93	812.75
28	813.71	815.01	815.04	814.80	815.07	814.93	815.10	815.13	814.85	813.93	812.90	812.70
29	813.73	815.04	815.04	814.82	815.05	814.91	815.10	815.12	814.81	813.89	812.84	812.64
30	813.74	815.06	815.04	814.89	---	814.88	815.06	815.11	814.76	813.91	812.79	812.58
31	813.76	---	815.04	814.91	---	814.94	---	815.13	---	813.94	812.77	---
MAX	813.86	815.06	815.14	815.27	815.17	815.81	815.32	815.18	815.19	814.69	814.02	812.95
MIN	811.65	813.82	815.04	814.80	814.86	814.88	814.81	814.90	814.76	813.89	812.77	812.36
(+)	6.69	7.33	7.32	7.26	7.33	7.27	7.33	7.37	7.18	6.77	6.25	6.16
(*)	+47.9	+33.0	-0.50	-2.99	+3.73	-2.99	+3.09	+2.00	-9.80	-20.5	-26.0	-4.64
CAL YR 1999	*	+4.79	MAX 815.35	MIN 810.93								
WTR YR 2000	*	+1.82	MAX 815.81	MIN 811.65								

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.