

## SANTEE RIVER BASIN

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 mi<sup>2</sup>.

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

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (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, 816.93 ft, Mar. 20; minimum elevation, 813.22 ft, Oct. 10.

Elevation above NGVD 1929, feet  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813.40	815.11	815.08	815.20	815.14	815.21	815.20	815.23	815.21	815.32	815.30	815.17
2	813.40	815.09	815.09	815.21	815.14	815.19	815.20	815.25	815.21	815.69	815.30	815.17
3	813.39	815.09	815.09	815.19	815.13	815.18	815.20	815.30	815.28	815.45	815.30	815.17
4	813.37	815.09	815.18	815.17	815.15	815.17	815.20	815.29	815.30	815.31	815.33	815.18
5	813.35	815.20	815.43	815.16	815.13	815.18	815.22	815.31	815.27	815.28	815.31	815.17
6	813.33	815.19	815.30	815.14	815.17	815.29	815.27	815.74	815.30	815.25	815.29	815.16
7	813.31	815.15	815.23	815.14	815.17	815.27	815.47	815.65	815.44	815.25	815.30	815.15
8	813.26	815.13	815.18	815.15	815.15	815.23	815.31	815.36	815.52	815.24	815.27	815.16
9	813.24	815.12	815.16	815.15	815.15	815.20	815.29	815.31	815.33	815.27	815.24	815.15
10	813.23	815.14	815.24	815.14	815.14	815.19	815.55	815.29	815.30	815.25	815.23	815.15
11	813.24	815.20	815.30	815.13	815.13	815.18	815.40	815.27	815.27	815.30	815.22	815.14
12	813.24	815.25	815.25	815.13	815.12	815.17	815.29	815.25	815.28	815.33	815.29	815.14
13	813.29	815.20	815.35	815.13	815.12	815.17	815.29	815.22	815.25	815.31	815.25	815.15
14	813.30	815.16	815.31	815.15	815.14	815.17	815.27	815.22	815.25	815.34	815.23	815.15
15	814.13	815.16	815.27	815.11	815.13	815.22	815.25	815.22	815.24	815.51	815.22	815.15
16	815.24	815.27	815.22	815.14	815.19	815.29	815.24	815.23	815.24	815.32	815.23	815.14
17	815.23	815.25	815.19	815.13	815.18	815.28	815.28	815.25	815.23	815.29	815.23	815.13
18	815.17	815.20	815.17	815.12	815.18	815.29	815.37	815.25	815.25	815.25	815.23	815.13
19	815.13	815.16	815.20	815.12	815.17	815.63	815.30	815.24	815.26	815.24	815.23	815.12
20	815.12	815.15	815.38	815.13	815.16	816.65	815.25	815.23	815.24	815.25	815.21	815.13
21	815.10	815.15	815.29	815.14	815.16	816.64	815.27	815.26	815.22	815.23	815.20	815.13
22	815.09	815.11	815.24	815.14	815.55	815.46	815.24	816.42	815.21	815.22	815.23	815.31
23	815.09	815.11	815.20	815.09	815.38	815.40	815.23	815.71	815.21	815.24	815.23	815.27
24	815.08	815.12	815.59	815.08	815.28	815.34	815.19	815.46	815.21	815.23	815.21	815.21
25	815.09	815.12	815.39	815.09	815.23	815.25	815.18	815.32	815.20	815.21	815.20	815.18
26	815.10	815.12	815.30	815.09	815.23	815.24	815.24	815.30	815.20	815.21	815.19	815.17
27	815.10	815.10	815.25	815.10	815.23	815.23	815.23	815.28	815.20	815.21	815.19	815.17
28	815.14	815.10	815.22	815.12	815.21	815.22	815.22	815.25	815.20	815.21	815.19	815.15
29	815.15	815.10	815.20	815.13	--	815.21	815.22	815.24	815.20	815.20	815.18	815.13
30	815.14	815.09	815.18	815.18	--	815.25	815.22	815.24	815.19	815.25	815.17	815.13
31	815.12	--	815.19	815.16	--	815.22	--	815.21	--	815.31	815.17	--
MAX	815.24	815.27	815.59	815.21	815.55	816.65	815.55	816.42	815.52	815.69	815.33	815.31
MIN	813.23	815.09	815.08	815.08	815.12	815.17	815.18	815.21	815.19	815.20	815.17	815.12
(+)	7.36	7.34	7.40	7.38	7.40	7.41	7.41	7.40	7.40	7.46	7.38	7.36
(*)	+41.4	-1.03	+2.99	-1.00	+1.11	+0.50	0.00	-0.50	0.00	+2.99	-3.99	-1.03

CAL YR 2002 \* +0.25 MAX 815.59 MIN 811.06

WTR YR 2003 \* +3.52 MAX 816.65 MIN 813.23

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.

(\*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.