

SANTEE RIVER BASIN

021556524 LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°03'29'', long 81°52'05'', Spartanburg County, Hydrologic Unit 03050105, approximately 100 ft upstream of Lake Blalock Dam, and 3.5 mi northwest of Cowpens, and in the Lake Blalock Public Landing Area.

DRAINAGE AREA.--273 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--February 1998 to current year.

GAGE.--Data Collection Platform. Datum of gage is NGVD of 1929 (from Spartanburg Water Systems staff gage).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end. Spartanburg Water System began drawing down Lake Blalock around September 11, 2004 for repair/construction on the dam. The minimum elevation of the lake fell below the measurable level of the gage during that time.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 704.38 ft, Mar. 20, 2003; minimum elevation, 676.44 ft, Nov. 16-18, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 701.28 ft, Dec. 10; minimum elevation, 676.44 ft, Nov. 16-18.

Elevation above NGVD 1929, feet  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
 DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	689.42	678.45	679.34	---	---	691.06	689.70	---	689.29	690.13	689.43	688.78
2	---	678.67	679.42	---	---	690.45	689.76	---	690.63	689.62	689.32	688.64
3	---	678.92	679.29	---	---	690.14	689.38	---	690.23	689.93	689.20	688.58
4	---	681.50	679.09	---	---	689.96	689.42	689.11	689.81	690.93	689.05	688.54
5	---	683.24	678.88	---	---	689.83	689.40	689.11	689.48	690.27	688.99	688.52
6	---	682.31	678.29	---	---	689.78	689.42	689.09	689.39	690.70	688.95	688.50
7	---	680.74	678.07	---	---	689.78	689.49	---	689.60	699.58	689.15	688.49
8	---	679.34	677.85	---	---	689.86	689.83	---	689.56	695.21	689.91	688.49
9	---	678.44	681.69	---	689.03	689.78	690.21	---	689.66	692.13	690.83	688.47
10	---	678.69	---	---	689.10	689.80	689.92	689.03	689.51	690.85	690.98	688.46
11	---	679.55	---	---	689.06	689.71	689.77	689.12	689.43	690.22	689.91	688.45
12	---	679.63	---	---	689.00	689.63	689.89	689.06	689.39	689.92	689.53	688.45
13	---	679.28	---	---	688.99	689.60	691.67	689.07	689.62	689.98	689.25	688.44
14	---	678.38	---	---	689.01	689.61	691.55	689.01	689.49	689.84	689.09	688.43
15	---	677.88	---	---	689.01	689.59	690.57	689.31	689.26	690.64	689.00	688.43
16	---	676.44	---	---	688.96	689.81	690.07	689.31	689.09	690.00	688.95	688.42
17	---	676.45	---	---	688.95	689.92	689.88	689.18	688.99	689.64	688.91	688.45
18	---	677.33	---	---	688.92	689.87	689.78	689.07	688.98	689.50	688.98	688.44
19	---	678.18	---	---	688.93	689.79	689.72	689.00	689.01	689.36	688.98	688.41
20	---	677.71	---	---	688.98	689.75	689.64	689.41	689.02	689.21	688.95	688.41
21	---	676.45	---	---	689.32	689.67	689.53	689.47	688.97	689.17	689.00	688.40
22	---	676.45	---	---	689.37	689.78	689.38	689.38	688.95	689.13	688.92	688.39
23	678.80	676.45	---	---	689.18	690.25	689.39	689.27	688.91	689.14	688.90	688.38
24	678.80	677.35	---	---	689.24	690.24	689.39	689.19	688.87	689.15	688.89	688.37
25	678.91	678.93	---	---	689.18	690.17	689.39	689.08	688.84	689.13	688.85	688.37
26	679.15	679.37	---	---	689.53	690.06	689.41	688.98	688.84	689.03	688.91	688.38
27	679.20	679.63	---	---	689.85	690.17	689.40	688.94	689.57	688.96	689.02	688.40
28	679.13	679.85	---	---	691.24	693.81	689.25	688.89	691.28	688.94	689.06	688.39
29	678.96	679.82	---	---	---	691.51	---	688.87	692.60	689.30	689.06	688.40
30	678.71	679.38	---	---	---	690.12	---	688.89	691.38	689.49	688.97	688.37
31	678.43	---	---	---	---	690.14	---	688.90	---	689.41	688.90	---
MEAN	---	678.83	---	---	---	690.12	---	---	689.59	690.27	689.22	688.46
MAX	---	683.24	---	---	---	693.81	---	---	692.60	699.58	690.98	688.78
MIN	---	676.44	---	---	---	689.59	---	---	688.84	688.94	688.85	688.37