

## SANTEE RIVER BASIN

021556524 LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°03'29'' (revised), long 81°51'05'', 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 sea level (from Spartanburg Water Systems staff gage).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 702.87 ft, Mar. 9, 1998; minimum elevation, 698.48 ft, Sep. 26, 27, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 701.92 ft, Mar. 21; minimum elevation, 698.74 ft, Sep. 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	699.82	699.87	699.91	699.99	700.05	700.03	700.05	700.20	699.87	699.32	699.63	698.95
2	699.81	700.07	699.90	700.01	700.03	700.03	700.15	700.13	699.87	699.27	699.69	699.31
3	699.80	699.99	699.97	699.99	700.02	700.02	700.56	700.12	699.86	699.22	699.72	699.55
4	699.90	699.92	699.92	699.98	700.01	700.05	700.40	700.12	699.87	699.17	699.74	699.72
5	699.94	699.89	699.91	700.01	700.01	700.04	700.29	700.07	699.93	699.14	699.77	699.75
6	699.87	699.88	700.04	700.00	700.02	700.03	700.22	700.01	699.95	699.14	699.74	699.76
7	699.83	699.87	699.98	700.00	699.98	699.97	700.17	700.00	699.90	699.11	699.70	699.77
8	699.83	699.87	699.94	699.99	700.01	699.94	700.13	699.98	699.86	699.08	699.67	699.77
9	699.82	699.86	699.89	700.04	700.01	699.95	700.11	699.97	699.85	699.04	699.64	699.77
10	700.29	699.86	699.96	700.58	699.97	699.94	700.10	699.96	699.84	698.97	699.66	699.76
11	700.35	699.86	700.00	700.39	699.95	700.12	700.04	699.95	699.84	699.14	699.63	699.75
12	700.07	699.86	699.91	700.26	700.14	700.12	700.02	699.94	699.82	699.42	699.56	699.74
13	699.99	699.86	700.03	700.19	700.17	700.07	700.10	699.94	699.81	699.63	699.49	699.71
14	699.94	699.88	700.31	700.13	700.45	700.02	700.18	699.94	699.80	699.73	699.42	699.65
15	699.91	699.85	700.21	700.10	700.26	699.96	700.81	699.93	699.79	699.64	699.34	699.58
16	699.90	699.84	700.10	700.07	700.20	700.21	700.68	699.92	699.84	699.67	699.27	699.51
17	699.88	699.84	699.98	700.05	700.23	700.43	700.42	699.92	699.84	699.63	699.19	699.44
18	699.87	699.84	699.97	700.05	700.13	700.26	700.27	699.91	699.84	699.58	699.11	699.44
19	699.85	699.84	700.03	700.04	700.12	700.20	700.20	699.91	699.83	699.53	699.02	699.45
20	699.88	699.85	700.00	700.02	700.11	701.84	700.18	699.91	699.84	699.47	698.95	699.43
21	699.88	699.86	700.20	700.00	700.09	701.01	700.15	699.92	699.83	699.39	698.95	699.48
22	699.86	699.85	700.05	700.04	700.01	700.45	700.13	699.91	699.81	699.38	698.93	699.64
23	699.82	699.85	700.01	700.08	699.98	700.33	700.10	699.91	699.80	699.36	698.91	699.89
24	699.82	699.85	700.01	700.07	699.97	700.26	700.22	700.04	699.78	699.37	699.00	699.89
25	699.82	699.91	700.01	700.04	700.04	700.24	700.19	700.01	699.76	699.40	699.02	699.89
26	699.83	700.31	700.00	700.01	700.07	700.22	700.18	699.96	699.66	699.42	698.98	699.84
27	699.83	700.08	699.98	699.99	700.09	700.22	700.17	699.92	699.55	699.42	698.95	699.80
28	699.83	699.99	699.98	700.00	700.05	700.20	700.46	699.90	699.43	699.39	698.92	699.77
29	699.83	699.95	699.94	700.04	700.03	700.17	700.30	699.89	699.37	699.34	698.87	699.76
30	699.83	699.91	699.93	700.10	---	700.14	700.26	699.88	699.35	699.38	698.82	699.76
31	699.83	---	699.92	700.09	---	700.13	---	699.87	---	699.51	698.76	---
MEAN	699.89	699.91	700.00	700.08	700.08	700.21	700.24	699.97	699.78	699.36	699.29	699.65
MAX	700.35	700.31	700.31	700.58	700.45	701.84	700.81	700.20	699.95	699.73	699.77	699.89
MIN	699.80	699.84	699.89	699.98	699.95	699.94	700.02	699.87	699.35	698.97	698.76	698.95