

SANTEE RIVER BASIN

178

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 mi², 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, less than 688.12 ft, Sep. 23-28, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, greater than 701.95, Sep. 8, 9; minimum elevation, less than 688.12 ft, Sep. 23-28.

Elevation above NGVD 1929, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	700.01	700.04	700.10	700.12	700.09	700.22	700.19	700.15	700.01	700.08	700.06	699.96
2	699.97	700.00	700.14	700.14	700.15	700.23	700.16	700.18	699.96	700.05	699.81	699.78
3	699.97	700.02	700.14	700.15	700.35	700.23	700.13	700.14	699.94	700.07	700.03	699.66
4	699.96	700.00	700.13	700.14	700.36	700.22	700.10	699.96	699.93	700.14	699.98	699.64
5	699.97	700.03	700.20	700.18	700.15	700.21	700.07	700.05	699.95	700.10	699.95	699.54
6	699.98	700.16	700.16	700.17	701.18	700.19	700.07	699.94	699.94	699.90	699.60	698.92
7	699.98	700.15	700.14	700.13	701.17	700.16	700.08	700.01	699.93	700.02	699.64	701.86
8	700.01	700.14	700.13	700.14	699.87	700.12	700.08	700.02	700.01	699.98	699.74	---
9	700.03	700.12	700.09	700.14	700.22	700.15	700.06	700.01	700.01	699.95	699.77	---
10	700.11	700.09	700.41	700.13	700.34	700.17	700.06	700.00	699.94	699.94	699.77	699.95
11	700.21	700.07	700.43	700.11	700.30	700.14	700.08	699.99	699.86	700.00	699.57	699.21
12	700.14	700.07	700.28	700.15	700.43	700.13	700.04	699.99	699.97	699.86	699.69	697.94
13	700.07	699.99	700.34	700.03	700.31	700.09	700.68	699.99	700.21	700.07	699.97	696.51
14	700.06	700.00	700.69	700.08	700.33	700.09	700.34	699.97	700.16	700.03	699.98	695.01
15	700.04	700.01	700.47	700.08	700.31	700.16	700.31	699.96	701.14	699.99	699.96	693.38
16	699.94	700.02	700.37	700.09	700.30	700.18	700.32	700.23	700.56	699.83	699.90	691.81
17	699.98	700.02	700.33	700.09	700.23	700.13	700.23	700.13	700.24	699.93	699.75	693.12
18	700.02	700.02	700.30	700.12	700.23	700.11	700.17	699.98	700.13	699.98	699.66	695.21
19	700.01	700.84	700.27	700.12	700.22	700.10	700.12	699.82	700.19	699.82	699.80	694.50
20	700.01	700.54	700.21	700.13	700.21	700.09	700.15	700.01	700.08	699.90	699.62	692.79
21	700.02	700.28	700.24	700.11	700.20	700.07	700.00	700.07	700.29	700.01	699.02	690.94
22	700.03	700.22	700.21	700.10	700.19	700.09	700.05	700.00	700.13	699.97	698.51	688.97
23	699.97	700.17	700.17	700.09	700.18	700.08	699.83	699.98	700.12	699.91	698.59	---
24	699.94	700.17	700.15	700.09	700.19	700.08	700.01	699.82	700.08	699.88	698.71	---
25	700.02	700.16	700.14	700.11	700.18	700.08	700.03	699.92	700.91	699.85	698.87	---
26	700.03	700.12	700.12	700.12	700.24	700.08	700.07	699.94	700.54	699.88	698.96	---
27	700.17	700.17	700.11	700.16	700.23	700.13	700.06	699.94	700.27	699.89	699.29	---
28	700.13	700.15	700.14	700.13	700.21	700.09	699.85	699.93	700.25	700.51	699.48	---
29	700.07	700.16	700.15	700.13	700.22	700.06	699.99	699.89	700.11	700.15	699.53	691.89
30	700.05	700.13	700.13	699.95	---	699.97	700.02	699.87	700.16	700.03	699.54	691.29
31	700.03	---	700.10	700.11	---	700.23	---	700.08	---	700.06	699.91	---
MEAN	700.03	700.14	700.23	700.11	700.30	700.13	700.11	700.00	700.17	699.99	699.57	---
MAX	700.21	700.84	700.69	700.18	701.18	700.23	700.68	700.23	701.14	700.51	700.06	---
MIN	699.94	699.99	700.09	699.95	699.87	699.97	699.83	699.82	699.86	699.82	698.51	---