

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 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.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 704.38 ft, Mar. 20, 2003; minimum elevation, 693.69 ft, Aug. 15, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 704.38 ft, Mar. 20; minimum elevation, 698.92 ft, Oct. 1.

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	699.00	699.90	699.93	700.25	700.10	700.25	700.37	700.33	700.29	700.44	700.27	700.18
2	699.06	699.93	699.89	700.20	700.03	700.14	700.34	700.34	700.23	701.58	700.41	700.15
3	699.10	699.89	699.91	700.17	699.97	700.14	700.30	700.39	700.48	701.20	700.36	700.10
4	699.12	699.88	699.99	700.15	700.05	700.17	700.32	700.44	700.55	700.45	701.04	700.10
5	699.13	699.99	700.88	700.05	700.07	700.17	700.33	700.44	700.46	700.39	700.62	700.09
6	699.12	700.19	700.53	700.12	700.11	700.65	700.48	701.70	700.66	700.30	700.43	700.10
7	699.13	700.04	700.25	700.10	700.13	700.42	700.80	701.67	701.43	700.28	700.39	700.11
8	699.13	699.93	700.16	700.09	700.17	700.22	700.17	700.93	701.23	700.26	700.32	700.07
9	699.14	699.89	700.08	700.09	700.16	700.28	700.47	700.50	700.71	700.34	700.31	700.07
10	699.17	699.99	700.10	700.08	700.08	700.18	701.46	700.47	700.42	700.28	700.26	700.06
11	699.22	700.18	700.52	700.06	700.07	700.13	700.69	700.40	700.43	700.31	700.30	700.06
12	699.26	700.36	700.34	699.99	700.02	700.12	700.28	700.37	700.35	700.46	701.01	700.05
13	699.42	700.22	700.74	700.06	700.00	700.16	700.50	700.30	700.33	700.48	700.53	700.04
14	699.48	700.13	700.58	700.12	700.02	700.17	700.42	700.28	700.32	700.39	700.39	700.04
15	700.12	700.12	700.45	699.99	700.11	700.24	700.39	700.31	700.28	700.70	700.28	700.05
16	700.65	700.33	700.29	699.96	700.13	700.60	700.31	700.32	700.26	700.48	700.26	700.04
17	700.31	700.38	700.11	700.06	700.17	700.49	---	700.33	700.30	700.25	700.42	700.02
18	700.13	700.28	700.04	700.00	700.18	700.72	700.58	700.37	700.31	700.20	700.32	699.98
19	700.07	700.09	700.11	699.95	700.16	701.49	700.49	700.34	700.36	700.25	700.18	699.99
20	699.94	700.06	700.75	700.08	700.15	703.25	700.50	700.33	700.32	700.21	700.19	699.99
21	699.88	700.06	700.45	700.10	700.14	701.52	700.41	700.42	700.27	700.23	700.23	699.99
22	699.87	700.02	700.28	700.02	701.28	700.76	700.33	703.15	700.17	700.21	700.25	700.26
23	700.01	700.01	700.16	699.96	700.91	700.54	700.32	701.83	700.15	700.22	700.33	700.30
24	699.91	699.98	701.32	700.03	700.47	700.53	700.26	700.92	700.21	700.17	700.24	700.13
25	699.88	699.96	701.01	700.02	700.30	700.43	700.26	700.68	700.20	700.13	700.17	700.10
26	699.92	699.96	700.49	700.03	700.18	700.41	700.38	700.54	700.14	700.20	700.14	700.07
27	699.92	699.94	700.29	700.00	700.26	700.38	700.26	700.46	700.26	700.17	700.14	700.10
28	699.94	699.94	700.23	700.00	700.25	700.30	700.35	700.45	700.20	700.07	700.14	700.10
29	699.98	699.97	700.20	700.10	---	700.42	700.25	700.37	700.19	700.25	700.14	700.07
30	700.03	699.97	700.11	700.17	---	700.52	700.24	700.36	700.24	700.25	700.12	700.05
31	699.95	---	700.15	700.13	---	700.39	---	700.33	---	700.98	700.10	---
MEAN	699.64	700.05	700.33	700.07	700.20	700.52	---	700.65	700.39	700.39	700.33	700.08
MAX	700.65	700.38	701.32	700.25	701.28	703.25	---	703.15	701.43	701.58	701.04	700.30
MIN	699.00	699.88	699.89	699.95	699.97	700.12	---	700.28	700.14	700.07	700.10	699.98