02189004 LAKE RICHARD B. RUSSELL NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'30'', long 82°35'42'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in left spillway elevator tower of dam on Savannah River, 1.2 mi downstream from Beer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi^2, approximately (determined by U. S. Army Corps of Engineers).

PERIOD OF RECORD.--May 1984 to September 2001 (discontinued).

GAGE.--Data collection platform. Datum of gage is sea level (levels by U. S. Army Corps of Engineers).

REMARKS.--Lake formed by concrete dam completed Dec. 1983. Usable capacity 5,523,000,000 ft^3 between elevations 470.0 ft (normal limit of drawdown) and 475.0 ft (maximum power pool). Dead storage below 470.0 ft, 39,159,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 436.0 ft. Lake is used for flood control, generation of power and recreation.

COOPERATION.--Capacity table furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 479.43 ft, Aug. 22, 1994; minimum, 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 474.98 ft, Apr. 3, 4; minimum, 470.28 ft, Oct. 17, 18.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	471.33	471.83	473.61	473.47	471.78	472.49	474.86	474.03	473.31	474.01	472.02	471.79
2	471.35	471.93	473.63	473.37	471.82	472.55	474.83	473.91	473.34	473.81	472.07	471.82
3	471.22	472.05	473.64	473.29	471.83	472.71	474.91	473.80	473.37	473.70	472.01	471.84
4	471.17	472.06	473.65	473.16	471.84	472.83	474.88	473.78	473.41	473.70	471.97	471.93
5	471.20	472.05	473.71	472.99	471.94	472.91	474.75	473.73	473.47	473.49	471.93	471.99
6	471.25	472.21	473.79	472.92	472.03	472.84	474.63	473.74	473.44	473.31	471.89	472.11
7	471.25	472.34	473.80	472.93	472.07	472.87	474.67	473.63	473.39	473.32	471.88	472.13
8	471.24	472.43	473.83	472.89	472.10	472.94	474.69	473.50	473.35	473.29	471.88	472.13
9	470.94	472.51	473.84	472.76	472.16	472.97	474.57	473.38	473.34	473.02	471.91	472.13
10	470.72	472.56	473.86	472.72	472.20	472.98	474.51	473.35	473.40	473.11	471.89	472.05
11	470.58	472.57	473.85	472.73	472.21	472.99	474.45	473.29	473.39	473.15	471.92	471.96
12	470.49	472.55	473.79	472.89	472.13	473.14	474.43	473.34	473.48	473.09	471.89	471.87
13	470.48	472.58	473.75	472.92	472.13	473.21	474.39	473.36	473.74	473.12	471.96	471.80
14	470.48	472.62	473.72	472.94	472.19	473.21	474.40	473.19	473.82	473.11	471.93	471.79
15	470.48	472.66	473.72	472.84	472.17	473.71	474.46	473.02	473.97	473.11	471.80	471.75
16	470.36	472.76	473.90	472.71	472.22	473.84	474.48	472.93	474.00	472.73	471.72	471.73
17	470.28	472.78	474.01	472.63	472.29	473.90	474.43	472.93	473.98	472.43	471.64	471.65
18	470.33	472.79	473.95	472.58	472.27	473.94	474.43	472.92	474.15	472.07	471.66	471.69
19	470.34	472.87	473.96	472.61	472.34	473.92	474.36	472.93	474.15	471.63	471.67	471.65
20	470.42	472.94	473.89	472.70	472.26	474.13	474.36	472.95	474.27	471.65	471.67	471.59
21	470.42	473.04	473.81	472.70	472.27	474.21	474.37	472.95	474.23	471.64	471.60	471.57
22	470.43	473.13	473.72	472.65	472.41	474.33	474.39	473.02	474.19	471.64	471.59	471.59
23	470.65	473.19	473.68	472.54	472.45	474.37	474.35	473.02	474.20	471.37	471.58	471.62
24	470.90	473.24	473.71	472.46	472.47	474.46	474.32	473.00	474.21	471.55	471.57	471.73
25	471.05	473.38	473.67	472.30	472.52	474.54	474.25	473.06	474.17	472.01	471.65	471.81
26	471.38	473.39	473.59	472.00	472.54	474.44	474.19	473.05	474.13	471.95	471.64	471.85
27	471.54	473.47	473.62	472.01	472.37	474.35	474.11	473.06	474.25	471.88	471.59	471.93
28	471.56	473.53	473.68	472.03	472.37	474.32	474.11	473.16	474.15	471.89	471.52	471.92
29	471.55	473.58	473.61	471.83	---	474.61	474.12	473.18	473.97	471.91	471.59	471.90
30	471.68	473.61	473.51	471.76	---	474.68	474.09	473.31	474.00	471.96	471.68	471.88
31	471.79	---	473.46	471.75	---	474.79	---	473.17	---	472.04	471.82	---
MAX	471.79	473.61	474.01	473.47	472.54	474.79	474.91	474.03	474.27	474.01	472.07	472.13
MIN	470.28	471.83	473.46	471.75	471.78	472.49	474.09	472.92	473.31	471.37	471.52	471.57
(+)	41.07	43.07	42.91	41.02	41.71	44.45	43.61	42.59	43.50	41.34	41.10	41.17
(*)	+187	+772	-59.7	-706	+285	+1023	-324	-381	+351	-806	-89.6	+27.0

CAL YR 2000 * +55.7 MAX 474.55 MIN 470.28
WTR YR 2001 * +19.0 MAX 474.91 MIN 470.28

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.