02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi^2, approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Data collection platform. Datum of gage is 0.64 ft below NGVD of 1929. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 68,210,000,000 ft^3 between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 15,590,000,000 ft^3. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates at 362 ft; gage height of other spillway crest, 340 ft with top of gates at 365 ft. Water is used for generation of power. Prior to October 1, 1997, capacity computations were determined using the capacity curve prepared by Lexington Power Company.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started, 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 357.41 ft, May 19-21, but may have been higher during periods of missing record; minimum gage height, 350.25 ft, Dec. 13, 14.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.43	352.04	350.51	350.31	352.38	353.13	355.30	356.46	357.30	356.35	354.58	352.71
2	354.42	352.00	350.51	350.39	352.43	353.30	355.52	356.60	357.25	356.31	354.47	352.66
3	354.34	351.99	350.50	350.40	352.45	353.46	355.65	356.55	357.20	356.22	354.42	352.61
4	354.23	351.99	350.44	350.40	352.49	353.48	355.67	356.63	357.16	356.21	354.37	352.55
5	354.11	351.98	350.41	350.36	352.50	353.48	355.70	356.74	357.14	356.18	354.29	352.47
6	354.02	351.94	350.38	350.43	352.59	353.53	355.69	356.87	357.13	356.13	354.10	352.41
7	353.96	351.89	350.36	350.50	352.87	353.51	355.71	356.96	357.11	356.10	353.97	352.32
8	353.91	351.65	350.35	350.47	353.02	353.49	355.71	356.99	357.09	356.05	353.84	352.27
9	353.80	351.48	350.31	350.48	353.21	353.52	355.76	356.95	357.07	355.99	353.80	352.20
10	353.73	351.46	350.34	350.49	353.34	353.57	355.92	356.95	357.03	355.95	353.76	352.09
11	353.67	351.42	350.29	350.50	353.33	353.56	355.97	357.16	357.01	355.93	353.70	351.97
12	353.50	351.37	350.26	350.57	353.35	353.64	356.04	357.15	356.98	355.88	353.65	351.90
13	353.32	351.34	350.29	350.61	353.36	353.84	356.07	357.26	356.94	355.86	353.57	351.79
14	353.33	351.31	350.31	350.69	353.34	354.03	356.08	357.24	356.96	355.75	353.50	351.80
15	353.06	351.23	350.33	350.67	353.36	354.11	356.14	357.24	356.92	355.72	353.48	351.76
16	352.93	351.10	350.34	350.68	353.37	354.18	356.17	357.24	356.89	355.65	353.48	351.71
17	352.70	351.09	350.43	350.66	353.40	354.23	356.19	357.23	356.68	355.52	353.45	351.74
18	352.63	351.08	350.37	350.69	353.44	354.27	356.21	357.39	356.62	355.39	353.39	352.07
19	352.59	351.10	350.40	350.82	353.34	354.26	356.24	357.41	356.56	355.24	353.32	352.11
20	352.60	351.04	350.40	350.85	353.37	354.31	356.25	357.41	356.51	355.20	353.26	352.14
21	352.59	350.93	350.44	351.02	353.33	354.43	356.24	357.41	356.44	355.16	353.18	352.13
22	352.38	350.84	350.43	351.14	353.33	354.49	356.21	357.40	356.40	355.09	353.11	352.09
23	352.33	350.86	350.47	351.28	353.34	354.54	356.21	357.39	356.45	355.08	353.05	352.02
24	352.35	350.84	350.41	351.44	353.37	354.56	356.21	357.38	356.42	355.04	352.89	351.95
25	352.26	350.85	350.39	351.58	353.34	354.58	356.22	357.35	356.48	354.98	352.84	351.92
26	352.23	350.80	350.51	351.71	353.39	354.60	356.22	357.34	356.49	354.95	352.79	351.88
27	352.22	350.69	350.44	351.82	353.36	354.62	356.21	357.32	356.47	354.91	352.79	351.88
28	352.19	350.58	350.39	351.95	353.25	354.68	356.21	357.31	356.43	354.85	352.86	351.82
29	352.11	350.55	350.37	352.05	---	354.65	356.19	357.30	356.41	354.80	352.82	351.81
30	352.09	350.58	350.37	352.17	---	354.78	356.16	357.33	356.36	354.70	352.79	351.80
31	352.07	---	350.35	352.27	---	355.05	---	357.36	---	354.63	352.72	---
MAX	354.43	352.04	350.51	352.27	353.44	355.05	356.25	357.41	357.30	356.35	354.58	352.71
MIN	352.07	350.55	350.26	350.31	352.38	353.13	355.30	356.46	356.36	354.63	352.72	351.71
(+)	50.92	48.20	47.78	51.31	53.22	56.74	59.07	61.72	59.51	55.92	52.19	50.42
(*)	-1736	-1049	-157	+1318	+790	+1314	+899	+989	-853	-1340	-1393	-683

CAL YR 2001 * +5.71 MAX 358.12 MIN 349.97
WTR YR 2002 * -163 MAX 357.41 MIN 350.26

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