

## 02166500 LAKE GREENWOOD NEAR CHAPPELLES, SC

LOCATION.--Lat 34°10'08'', long 81°54'30'', Newberry County, Hydrologic Unit 03050109, at upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi<sup>2</sup>.

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft<sup>3</sup> between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) sea level. Dead storage is about 3,500,000,000 ft<sup>3</sup>. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft sea level. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir levels were first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 439.82 ft, Mar. 22; minimum elevation, 434.44 ft, Jan. 31.

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	437.11	436.94	437.05	437.00	434.65	436.30	438.13	439.11	438.77	438.72	438.82	438.27
2	436.98	437.01	437.12	436.96	434.57	436.35	438.30	439.09	438.74	438.72	438.89	438.30
3	436.92	437.03	437.06	436.82	434.64	436.38	438.49	439.01	438.72	438.71	438.92	438.34
4	436.99	437.07	437.01	436.70	434.72	436.54	438.41	439.01	438.69	438.70	438.99	438.41
5	437.15	437.03	437.04	436.53	434.80	436.64	438.52	439.05	438.69	438.67	438.94	438.43
6	437.08	437.02	437.05	436.47	434.89	436.70	438.51	438.97	438.67	438.66	438.91	438.49
7	437.00	437.02	437.04	436.40	434.99	436.76	438.59	438.93	438.64	438.65	438.94	438.49
8	436.97	437.03	437.00	436.30	435.08	436.82	438.79	438.96	438.64	438.59	438.92	438.45
9	436.94	437.04	437.00	436.28	435.05	436.86	438.81	438.99	438.60	438.56	438.88	438.41
10	436.99	437.05	437.00	436.04	435.12	436.93	438.78	438.97	438.57	438.54	438.87	438.37
11	437.56	437.00	436.98	436.03	435.20	437.09	438.81	438.98	438.54	438.54	438.88	438.36
12	438.01	436.96	437.02	435.97	435.21	437.11	438.88	438.93	438.51	438.57	438.84	438.26
13	437.80	436.95	437.01	435.88	435.31	437.23	438.90	438.97	438.47	438.58	438.76	438.12
14	437.33	436.98	436.99	435.83	435.48	437.29	438.87	438.96	438.42	438.60	438.75	438.03
15	437.01	436.97	437.14	435.87	435.42	437.23	438.99	438.88	438.35	438.63	438.75	438.03
16	437.03	436.97	437.08	435.75	435.42	437.23	439.02	438.87	438.38	438.67	438.71	437.89
17	437.07	436.95	437.03	435.53	435.54	437.40	439.07	438.88	438.36	438.69	438.67	437.76
18	437.09	436.92	437.04	435.47	435.58	437.59	439.06	438.83	438.34	438.71	438.67	437.77
19	437.00	436.88	437.01	435.34	435.59	437.57	439.03	438.82	438.37	438.69	438.62	437.72
20	437.01	436.87	436.97	435.19	435.63	438.66	439.00	438.84	438.49	438.65	438.60	437.68
21	437.03	436.87	436.96	435.17	435.73	439.60	438.98	438.81	438.51	438.60	438.58	437.55
22	437.04	436.86	436.98	435.23	435.85	439.79	438.94	438.83	438.62	438.56	438.43	437.84
23	437.02	436.88	436.94	435.00	435.97	439.57	438.99	438.81	438.65	438.58	438.40	438.01
24	437.01	436.87	436.92	434.75	435.98	439.23	439.17	438.81	438.66	438.54	438.39	437.83
25	437.04	436.87	436.95	434.69	435.99	438.77	439.03	438.84	438.67	438.61	438.33	437.53
26	437.01	437.07	436.96	434.68	436.05	438.30	439.05	438.85	438.71	438.66	438.30	437.23
27	436.99	437.19	437.01	434.61	436.19	437.95	438.98	438.84	438.69	438.69	438.27	437.21
28	436.98	437.14	437.03	434.60	436.29	437.83	439.03	438.84	438.66	438.71	438.25	437.24
29	436.96	437.02	437.04	434.65	436.30	437.87	439.09	438.80	438.75	438.66	438.23	437.11
30	436.95	437.03	437.00	434.54	---	438.00	439.19	438.83	438.74	438.65	438.24	436.96
31	436.92	---	436.97	434.53	---	438.05	---	438.80	---	438.71	438.25	---
MAX	438.01	437.19	437.14	437.00	436.30	439.79	439.19	439.11	438.77	438.72	438.99	438.49
MIN	436.92	436.86	436.92	434.53	434.57	436.30	438.13	438.80	438.34	438.54	438.23	436.96
(+)	6.23	6.28	6.26	5.17	5.96	6.74	7.27	7.09	7.06	7.05	6.84	6.25
(*)	-67.2	+19.3	-7.46	-407	+315	+291	+204	-67.2	-11.6	-3.73	-78.4	-228
CAL YR 1999	*	0.00	MAX 439.35	MIN 434.55								
WTR YR 2000	*	-5.06	MAX 439.79	MIN 434.53								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(\*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.