02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC

Santee Basin
Saluda Subbasin

LOCATION.--Lat 34°10′08″, long 81°54′30″ referenced to North American Datum of 1927, Greenwood County, SC, 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^2.

SURFACE-WATER RECORDS

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

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (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^3 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^3. 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. Prior to October 2005, midnight readings and month-end and annual contents were published.

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, 439.32 ft, June 28, 29; minimum elevation, 434.47 ft, Jan. 28, 29.

02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC—Continued

FROM DCP
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	437.58	437.55	437.57	436.98	436.95	436.96	436.96	436.86	436.90	436.84	436.76	436.79
2	437.57	437.55	437.56	436.97	436.95	436.96	437.00	436.95	436.98	436.92	436.79	436.85
3	437.56	437.53	437.54	436.97	436.95	436.96	437.03	437.00	437.01	437.02	436.90	436.94
4	437.53	437.49	437.51	436.96	436.95	436.95	437.09	436.92	436.99	437.11	437.02	437.09
5	437.51	437.47	437.49	436.97	436.94	436.94	437.33	437.06	437.22	437.09	436.96	437.04
6	437.54	437.50	437.52	436.97	436.94	436.95	437.27	437.12	437.19	437.00	436.76	436.88
7	438.01	437.53	437.76	436.96	436.94	436.95	437.12	436.94	437.01	436.76	436.50	436.64
8	438.06	438.01	438.04	436.97	436.94	436.95	436.94	436.88	436.91	436.50	436.18	436.34
9	438.06	437.89	437.98	436.98	436.95	436.96	436.99	436.87	436.95	436.18	435.96	436.07
10	437.89	437.63	437.77	436.99	436.95	436.97	436.95	436.92	436.93	435.96	435.87	435.89
11	437.63	437.45	437.51	436.97	436.94	436.95	436.95	436.92	436.94	435.93	435.88	435.91
12	437.45	437.39	437.41	436.94	436.90	436.91	436.97	436.91	436.93	435.95	435.92	435.93
13	437.40	437.38	437.39	436.91	436.89	436.90	436.91	436.85	436.89	436.18	435.93	435.98
14	437.40	437.38	437.39	436.89	436.88	436.88	436.85	436.79	436.82	436.15	436.05	436.09
15	437.39	437.36	437.37	436.88	436.86	436.87	437.06	436.79	436.90	436.05	435.93	436.00
16	437.40	437.37	437.38	436.95	436.86	436.88	437.36	437.06	437.20	435.94	435.75	435.85
17	437.40	437.36	437.38	436.89	436.87	436.88	437.50	437.36	437.44	435.75	435.49	435.61
18	437.39	437.37	437.38	436.89	436.86	436.87	437.41	437.08	437.24	435.71	435.46	435.59
19	437.37	437.36	437.36	436.88	436.85	436.86	437.08	436.90	436.95	435.46	435.35	435.39
20	437.36	437.33	437.34	436.89	436.83	436.85	436.94	436.92	436.93	435.35	435.26	435.30
21	437.33	437.29	437.31	437.09	436.84	436.90	436.96	436.94	436.95	435.29	435.25	435.26
22	437.30	437.26	437.28	437.10	437.01	437.05	436.96	436.93	436.95	435.26	435.15	435.20
23	437.26	437.19	437.22	437.15	437.06	437.11	436.94	436.90	436.92	435.15	435.00	435.06
24	437.25	437.19	437.22	437.23	437.14	437.18	436.90	436.85	436.88	435.09	435.04	435.07
25	437.19	437.11	437.16	437.17	437.13	437.14	436.92	436.84	436.88	435.07	434.93	435.00
26	437.11	437.06	437.07	437.14	437.08	437.10	436.90	436.83	436.87	434.93	434.74	434.85
27	437.06	437.03	437.04	437.09	437.01	437.04	436.84	436.79	436.81	434.74	434.54	434.62
28	437.04	437.00	437.01	437.01	436.88	436.95	436.88	436.76	436.80	434.54	434.47	434.49
29	437.00	436.97	436.98	436.93	436.84	436.87	436.86	436.81	436.83	434.52	434.47	434.49
30	436.99	436.97	436.98	436.88	436.85	436.86	436.81	436.79	436.80	434.57	434.52	434.53
31	436.98	436.96	436.97	---	---	---	436.84	436.79	436.81	434.57	434.51	434.54
Month	438.06	436.96	437.38	437.23	436.83	436.95	437.50	436.76	436.96	437.11	434.47	435.72

02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC—Continued

FROM DCP
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	434.54	434.53	434.54	436.24	436.18	436.21	437.44	437.38	437.42	438.47	438.44	438.45
2	434.55	434.49	434.53	436.30	436.24	436.27	437.48	437.43	437.45	438.50	438.45	438.47
3	434.59	434.54	434.58	436.28	436.24	436.26	437.60	437.44	437.51	438.49	438.46	438.48
4	434.75	434.58	434.67	436.30	436.27	436.28	437.55	437.48	437.51	438.47	438.44	438.45
5	434.79	434.71	434.75	436.33	436.30	436.31	437.51	437.48	437.50	438.49	438.44	438.46
6	434.95	434.79	434.84	436.43	436.32	436.36	437.52	437.48	437.51	438.50	438.48	438.49
7	435.13	434.95	435.07	436.39	436.36	436.37	437.52	437.46	437.50	438.56	438.47	438.52
8	435.13	435.07	435.11	436.39	436.36	436.37	437.58	437.47	437.53	438.58	438.53	438.55
9	435.14	435.06	435.09	436.37	436.33	436.36	437.60	437.55	437.57	438.61	438.56	438.59
10	435.06	435.02	435.04	436.46	436.34	436.40	437.59	437.55	437.57	438.63	438.52	438.59
11	435.13	435.03	435.07	436.47	436.42	436.44	437.62	437.56	437.59	438.68	438.57	438.60
12	435.26	435.13	435.18	436.52	436.46	436.49	437.62	437.59	437.61	438.62	438.56	438.58
13	435.25	435.19	435.23	436.57	436.51	436.54	437.62	437.59	437.60	438.56	438.52	438.55
14	435.30	435.25	435.27	436.70	436.55	436.61	437.63	437.60	437.61	438.61	438.51	438.55
15	435.39	435.30	435.35	436.61	436.57	436.60	437.63	437.60	437.62	438.58	438.52	438.55
16	435.42	435.39	435.40	436.61	436.58	436.59	437.64	437.60	437.61	438.54	438.49	438.51
17	435.47	435.42	435.43	436.62	436.59	436.61	437.67	437.60	437.62	438.50	438.46	438.48
18	435.55	435.45	435.50	436.61	436.58	436.59	437.66	437.60	437.63	438.49	438.42	438.45
19	435.58	435.55	435.56	436.61	436.57	436.59	437.73	437.60	437.66	438.45	438.37	438.41
20	435.60	435.58	435.59	436.68	436.53	436.59	437.81	437.70	437.71	438.56	438.35	438.39
21	435.62	435.59	435.61	436.85	436.64	436.75	437.81	437.70	437.74	438.49	438.41	438.44
22	435.76	435.62	435.67	436.99	436.83	436.92	437.89	437.75	437.82	438.49	438.47	438.48
23	435.84	435.76	435.82	437.10	436.99	437.04	438.07	437.89	437.98	438.48	438.44	438.46
24	435.86	435.83	435.85	437.16	437.08	437.13	438.19	438.07	438.15	438.47	438.43	438.45
25	435.95	435.86	435.89	437.24	437.16	437.20	438.31	438.19	438.26	438.50	438.39	438.43
26	436.06	435.92	436.02	437.27	437.21	437.25	438.37	438.31	438.34	438.44	438.37	438.41
27	436.10	436.04	436.06	437.29	437.27	437.28	438.40	438.35	438.38	438.39	438.33	438.36
28	436.18	436.10	436.15	437.34	437.28	437.31	438.41	438.37	438.39	438.36	438.34	438.35
29	---	---	---	437.36	437.33	437.35	438.43	438.38	438.40	438.36	438.32	438.34
30	---	---	---	437.38	437.35	437.37	438.46	438.39	438.43	438.33	438.31	438.32
31	---	---	---	437.41	437.38	437.39	---	---	---	438.31	438.27	438.29
Month	436.18	434.49	435.32	437.41	436.18	436.70	438.46	437.38	437.77	438.68	438.27	438.47

02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC—Continued

FROM DCP
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	438.27	438.24	438.26	439.11	439.05	439.08	438.89	438.83	438.86	438.97	438.92	438.95
2	438.29	438.23	438.25	439.06	439.02	439.04	438.94	438.79	438.82	438.97	438.94	438.96
3	438.27	438.23	438.25	439.03	438.97	439.00	438.81	438.76	438.79	438.95	438.83	438.90
4	438.34	438.22	438.24	438.97	438.92	438.94	438.79	438.75	438.76	438.84	438.73	438.78
5	438.27	438.23	438.24	439.01	438.89	438.93	438.86	438.68	438.75	438.76	438.69	438.73
6	438.26	438.22	438.24	439.01	438.93	438.97	438.80	438.75	438.77	438.72	438.66	438.69
7	438.25	438.20	438.22	439.00	438.95	438.98	438.76	438.73	438.74	438.72	438.66	438.68
8	438.21	438.16	438.18	439.00	438.95	438.99	438.73	438.65	438.70	438.73	438.71	438.72
9	438.16	438.08	438.12	439.00	438.97	438.98	438.69	438.61	438.66	438.76	438.73	438.74
10	438.08	438.00	438.04	438.99	438.97	438.98	438.65	438.59	438.61	438.80	438.76	438.77
11	438.00	437.93	437.96	438.98	438.95	438.97	438.61	438.57	438.59	438.80	438.77	438.78
12	437.98	437.88	437.91	438.96	438.92	438.94	438.72	438.56	438.66	438.80	438.76	438.78
13	437.92	437.88	437.90	438.94	438.89	438.92	438.83	438.70	438.74	439.04	438.75	438.90
14	437.96	437.89	437.92	438.93	438.89	438.92	438.90	438.83	438.87	439.16	439.04	439.08
15	437.92	437.89	437.91	438.92	438.88	438.90	438.96	438.89	438.91	439.21	439.16	439.19
16	437.90	437.84	437.87	438.88	438.84	438.86	439.01	438.94	438.97	439.21	439.18	439.20
17	437.86	437.80	437.83	438.84	438.81	438.83	439.05	439.00	439.03	439.18	439.10	439.15
18	437.80	437.75	437.78	438.81	438.77	438.79	439.05	439.02	439.04	439.10	439.00	439.05
19	437.75	437.71	437.73	438.77	438.71	438.75	439.04	438.99	439.02	439.01	438.95	438.98
20	437.71	437.64	437.67	438.82	438.66	438.70	439.08	438.99	439.01	438.95	438.92	438.93
21	437.65	437.58	437.62	438.69	438.62	438.66	439.04	438.93	438.98	438.94	438.91	438.92
22	437.58	437.52	437.55	438.75	438.55	438.61	439.00	438.93	438.95	438.96	438.91	438.93
23	437.76	437.46	437.53	438.75	438.68	438.70	439.01	438.96	438.98	438.94	438.92	438.93
24	437.81	437.58	437.74	438.79	438.68	438.72	439.04	439.00	439.02	438.94	438.91	438.93
25	437.84	437.78	437.81	438.90	438.79	438.84	439.03	439.01	439.02	438.94	438.93	438.93
26	438.06	437.80	437.89	438.98	438.90	438.95	439.03	439.00	439.02	438.94	438.92	438.93
27	438.82	438.06	438.39	439.01	438.98	439.00	439.00	438.95	438.97	438.93	438.91	438.92
28	439.32	438.82	439.17	439.07	438.98	439.02	438.95	438.90	438.92	439.05	438.88	438.92
29	439.32	439.16	439.23	439.05	438.97	439.01	438.92	438.88	438.90	438.94	438.87	438.90
30	439.16	439.09	439.11	439.00	438.95	438.97	438.91	438.85	438.87	438.87	438.82	438.84
31	---	---	---	438.95	438.89	438.92	438.93	438.84	438.87	---	---	---
Month	439.32	437.46	438.09	439.11	438.55	438.90	439.08	438.56	438.86	439.21	438.66	438.90
Year	439.32	434.47	437.52									