

SANTEE RIVER BASIN

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC

LOCATION.--Lat 34°39'51'', long 81°26'57'', Union County, Hydrologic Unit Code 03050106, on right wingwall of Neal Shoals Reservoir dam.

DRAINAGE AREA.--2,730 mi², approximately.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (from South Carolina Electric and Gas Company benchmark).

REMARKS.--Lake is formed by granite block and concrete dam. Storage began in 1905. Capacity, 64,990,000 ft³ below 333.9 ft (maximum normal lake elevation). Contents above 333.9 are unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 339.40 ft, Mar. 21, 2003; minimum gage height, unknown, Jul. 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 339.40 ft, Mar. 21; minimum gage height, 329.31, Jun. 24.

Gage height, 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	332.96	332.61	332.50	333.07	332.38	332.79	332.66	332.09	332.21	333.42	334.17	332.68
2	333.02	333.85	332.76	333.58	332.85	332.64	331.74	333.51	332.40	334.92	332.60	332.96
3	333.01	332.48	333.45	333.04	333.13	331.43	331.11	334.13	332.17	334.50	332.48	332.42
4	333.28	333.09	333.36	333.17	333.79	333.40	330.81	334.28	333.47	333.13	332.64	333.25
5	332.76	332.28	334.14	332.92	333.16	333.37	331.80	334.11	333.03	332.28	334.46	332.46
6	333.32	332.82	334.36	333.65	333.24	334.73	332.43	334.84	332.49	332.18	334.05	333.01
7	333.72	332.78	333.92	333.30	333.66	333.77	334.83	335.24	334.05	331.07	334.04	332.97
8	333.34	333.45	331.95	332.27	332.50	333.03	334.30	334.72	335.91	332.05	333.66	332.61
9	332.66	332.28	333.65	333.50	333.24	332.23	334.53	333.44	335.23	331.78	332.89	332.76
10	332.54	333.41	331.71	332.85	332.63	331.56	335.82	332.72	334.14	332.73	332.29	333.09
11	332.77	332.23	332.84	333.57	333.00	334.06	337.42	332.33	333.42	331.92	333.18	332.79
12	333.13	334.73	334.11	332.17	332.53	332.62	335.62	332.00	333.56	331.88	332.69	332.72
13	333.44	334.27	334.76	333.87	332.74	332.53	333.90	331.95	333.52	332.88	333.17	332.63
14	333.09	333.27	334.70	332.57	332.41	333.66	333.32	333.08	332.63	333.98	332.30	333.30
15	331.84	333.00	333.69	333.89	333.16	332.59	333.30	333.43	332.11	332.44	332.76	333.11
16	334.47	334.54	332.60	333.92	332.78	334.58	333.00	333.72	331.83	332.10	332.31	332.96
17	334.25	334.44	333.18	333.09	332.90	334.17	332.69	334.07	333.01	332.09	332.60	332.92
18	332.28	333.89	332.80	332.31	333.95	334.60	336.88	333.95	332.97	331.29	333.36	332.35
19	332.46	332.48	332.90	332.94	333.05	333.98	337.20	333.95	333.42	331.60	333.36	332.96
20	331.79	332.28	333.87	333.12	332.53	337.79	334.62	334.04	333.06	332.27	331.91	332.21
21	332.63	333.98	334.28	332.84	332.38	339.13	334.22	334.03	332.35	331.31	331.47	332.61
22	332.52	332.62	333.31	332.56	334.74	335.72	333.84	336.28	330.93	330.92	331.45	332.37
23	333.63	333.44	333.45	333.80	335.03	334.22	333.46	339.04	331.15	332.71	332.02	334.36
24	332.85	331.95	334.76	332.45	333.52	333.77	333.19	336.47	331.99	334.01	331.76	333.86
25	333.33	333.27	335.37	333.96	332.54	333.40	333.12	335.22	333.14	332.59	330.80	332.87
26	333.61	333.00	333.26	333.06	331.98	333.05	333.41	334.30	332.05	333.30	332.70	332.36
27	332.49	333.66	332.79	333.34	333.60	332.88	333.24	334.04	334.02	332.94	332.26	332.99
28	332.80	332.10	332.33	334.15	333.26	332.61	332.87	333.66	333.41	333.11	332.82	332.46
29	332.45	332.19	331.64	332.22	---	331.92	332.71	333.33	333.23	332.12	333.19	333.19
30	333.16	332.66	333.04	333.77	---	333.24	331.89	333.16	332.51	333.88	333.18	332.78
31	332.48	---	332.40	333.47	---	333.00	---	332.92	---	334.74	333.24	---
MAX	334.47	334.73	335.37	334.15	335.03	339.13	337.42	339.04	335.91	334.92	334.46	334.36
MIN	331.79	331.95	331.64	332.17	331.98	331.43	330.81	331.95	330.93	330.92	330.80	332.21
(+)	142.2	146.0	140.5	163.3	158.8	153.3	129.6	151.6	142.8	Unknown	158.4	148.6
(*)	+1.27	+1.47	-2.05	+8.51	-1.86	-2.05	-9.14	+8.21	-3.40	Unknown	Unknown	-3.78
CAL YR 2002	*	-0.06	MAX 335.37	MIN 327.98								
WTR YR 2003	*	+0.31	MAX 338.93	MIN 330.72								

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