

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC

LOCATION.--Lat 34°39'51'', long 81°26'57'', Union County, Hydrologic Unit 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 sea level (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 337.35 ft, Mar. 9, 1998; minimum gage height, unknown, July 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 336.10 ft, Mar. 21; minimum gage height, 327.63 ft, Oct. 19, 1999.

GAGE HEIGHT, FEET, 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	333.01	332.82	332.11	332.46	332.84	332.14	333.02	334.11	332.52	333.47	334.32	333.95
2	332.84	333.23	332.38	333.29	333.10	333.40	332.54	332.44	332.16	332.99	334.26	334.31
3	332.54	333.55	332.71	332.10	332.56	333.04	332.93	333.41	332.54	332.46	334.17	334.18
4	332.58	333.02	332.86	333.05	333.01	333.46	334.24	333.36	332.61	332.42	334.10	334.15
5	334.08	332.79	333.28	333.74	332.09	332.99	333.33	333.22	333.41	332.96	334.13	334.23
6	332.44	333.11	333.43	333.13	333.13	333.23	332.42	333.52	331.98	333.61	334.21	333.99
7	332.96	332.81	332.96	333.33	333.57	333.55	333.36	332.34	333.59	333.97	334.14	334.20
8	331.85	332.80	333.37	334.19	332.03	332.88	333.15	332.62	332.84	334.04	334.05	334.00
9	333.17	333.17	333.59	333.61	333.21	333.01	333.24	333.37	331.68	333.89	333.96	334.09
10	334.23	333.20	332.69	334.29	333.04	332.84	332.82	332.60	331.34	333.92	334.13	334.10
11	334.67	332.90	333.16	334.45	333.54	333.25	332.81	333.51	330.28	334.05	334.06	334.10
12	333.27	333.29	333.36	333.53	333.65	333.72	333.30	332.18	332.31	334.03	334.08	334.00
13	330.61	332.28	333.48	332.28	334.16	332.90	332.80	333.95	333.18	334.14	333.98	334.00
14	331.65	333.29	333.12	333.65	334.71	333.66	333.06	333.30	333.93	334.20	334.06	334.01
15	332.01	333.06	333.09	333.36	334.17	332.55	334.43	332.90	333.62	334.03	333.95	333.94
16	332.41	333.00	333.18	332.55	332.73	333.39	334.61	332.80	333.08	334.01	333.98	333.97
17	330.66	333.18	332.82	333.67	333.22	334.67	334.45	332.95	333.81	333.96	333.98	333.95
18	328.64	332.69	333.40	333.52	333.70	334.09	334.25	333.18	333.60	333.78	333.93	334.12
19	329.26	332.73	333.23	333.62	332.10	332.62	333.81	333.09	333.30	333.93	333.88	334.09
20	331.63	333.21	332.82	332.49	333.61	335.03	333.37	333.52	332.31	333.97	333.94	334.05
21	333.26	333.08	333.18	332.78	332.59	335.90	331.84	332.47	333.04	334.01	333.91	334.09
22	333.41	332.82	333.37	333.25	333.55	333.43	333.24	332.99	333.13	333.99	333.97	333.93
23	333.30	332.74	333.75	333.86	332.79	332.70	332.50	333.30	332.98	333.99	333.95	334.24
24	332.62	332.54	332.45	334.72	333.35	331.72	332.23	333.00	332.62	334.09	333.94	334.02
25	331.11	332.87	333.74	334.79	332.21	332.89	334.18	333.36	332.41	333.95	334.02	334.38
26	330.04	333.68	332.35	333.02	333.59	332.46	334.02	333.19	332.65	334.18	334.02	334.07
27	332.23	334.24	332.69	332.78	331.55	331.60	333.12	333.35	333.10	334.39	333.97	334.30
28	333.12	333.35	333.28	333.70	333.13	332.74	332.95	332.74	333.19	334.03	334.12	334.22
29	333.02	333.11	333.73	332.58	333.20	333.21	333.48	333.03	333.09	333.99	333.92	334.10
30	332.75	332.82	332.99	334.26	---	332.88	332.35	332.37	332.68	334.12	334.02	334.12
31	332.64	---	333.11	333.28	---	332.55	---	332.67	---	334.23	334.00	---
MAX	332.67	332.82	333.11	333.28	333.20	332.55	332.35	332.67	332.68	334.23	334.00	334.12
MIN	328.64	332.28	332.11	332.10	331.55	331.60	331.84	332.18	330.28	332.42	333.88	333.93
(+)	145.6	149.4	155.6	159.3	157.6	143.7	139.4	146.2	146.5	Unknown	Unknown	Unknown
(*)	-3.10	+1.47	+2.31	+1.38	-0.68	-5.19	-1.66	+2.54	+0.12	Unknown	Unknown	Unknown

CAL YR 1999 * -0.28 MAX 334.72 MIN 328.64
WTR YR 2000 * Unknown MAX 335.90 MIN 328.64

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