

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. Prior to October 2003, midnight readings, month-end and annual contents were published

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 340.07 ft, Sep. 9, 2004; minimum gage height, unknown, Jul. 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 337.03 ft, Mar. 29; minimum gage height, 330.00, Apr. 22.

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	334.39	334.18	334.28	333.42	333.07	333.26	333.69	333.65	333.67	333.78	333.70	333.73
2	334.18	334.09	334.12	333.44	333.04	333.24	333.84	333.65	333.71	333.77	333.48	333.65
3	334.09	334.06	334.07	333.53	333.35	333.45	333.72	333.61	333.65	333.51	333.43	333.47
4	334.06	333.92	333.96	334.91	333.53	333.92	333.73	333.64	333.67	333.71	333.44	333.53
5	333.92	333.60	333.74	335.43	334.90	335.24	333.65	333.51	333.58	333.80	333.56	333.68
6	333.81	333.74	333.78	334.90	334.28	334.52	333.51	333.37	333.46	333.80	333.67	333.74
7	333.78	333.51	333.68	334.28	334.06	334.17	333.89	333.50	333.63	333.79	333.66	333.74
8	333.67	333.51	333.60	334.06	333.74	333.86	333.91	333.82	333.86	333.69	333.59	333.63
9	333.67	333.50	333.62	333.79	333.65	333.72	333.85	333.64	333.74	333.72	333.51	333.64
10	333.64	333.50	333.59	333.92	333.68	333.79	336.90	333.65	335.17	333.59	333.33	333.49
11	333.59	333.31	333.47	333.69	333.49	333.57	337.00	335.44	336.42	333.75	332.88	333.41
12	333.56	333.38	333.49	333.66	333.49	333.58	335.44	334.49	334.90	333.84	333.05	333.61
13	333.62	333.45	333.54	334.39	333.62	334.00	334.49	334.16	334.30	333.81	333.47	333.57
14	333.59	333.51	333.57	334.39	334.02	334.20	334.17	334.07	334.10	334.85	333.60	334.14
15	333.62	333.55	333.58	334.02	333.68	333.84	334.07	333.98	334.01	334.92	334.43	334.75
16	333.56	333.44	333.51	333.70	333.61	333.66	334.01	333.87	333.95	334.43	333.97	334.18
17	333.54	333.25	333.38	333.76	333.61	333.67	334.00	333.79	333.89	333.98	333.74	333.88
18	333.25	333.16	333.21	333.69	333.55	333.60	333.79	333.66	333.73	333.87	333.58	333.70
19	333.31	333.14	333.22	333.61	333.54	333.57	333.74	333.56	333.65	333.85	333.65	333.73
20	333.53	333.31	333.47	333.63	333.56	333.62	333.80	333.36	333.50	---	---	---
21	333.54	333.44	333.50	333.64	333.55	333.60	333.78	333.37	333.62	333.69	333.55	333.63
22	333.44	333.27	333.38	333.59	333.47	333.56	333.91	333.78	333.85	333.74	333.60	333.64
23	333.41	333.27	333.38	333.62	333.37	333.45	333.94	333.83	333.86	333.75	333.40	333.61
24	333.51	333.38	333.45	333.68	333.57	333.64	334.79	333.94	334.49	---	---	---
25	333.39	333.24	333.31	333.91	333.67	333.79	334.72	334.33	334.50	333.53	333.42	333.48
26	333.48	333.23	333.38	334.01	333.85	333.96	334.33	334.07	334.20	333.62	333.47	333.56
27	333.43	333.30	333.39	333.85	333.73	333.77	334.07	333.87	333.97	333.58	333.35	333.46
28	333.43	333.32	333.39	333.78	333.69	333.73	333.87	333.76	333.82	333.60	333.47	333.54
29	333.50	333.28	333.42	333.76	333.64	333.73	333.91	333.85	333.87	333.62	333.51	333.55
30	333.50	333.42	333.47	333.69	333.57	333.63	333.91	333.78	333.82	333.60	333.47	333.54
31	333.48	333.38	333.44	---	---	---	333.84	333.72	333.77	333.67	333.47	333.59
MONTH	334.39	333.14	333.56	335.43	333.04	333.78	337.00	333.36	334.01	---	---	---

SANTEE RIVER BASIN

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	333.72	333.49	333.56	334.96	334.64	334.80	334.73	334.43	334.55	332.99	332.88	332.96
2	333.73	333.46	333.55	334.64	334.17	334.35	334.44	334.16	334.29	332.99	332.88	332.94
3	333.72	333.45	333.61	334.26	333.77	333.99	334.23	334.12	334.18	332.97	332.63	332.82
4	333.91	333.71	333.87	333.90	333.57	333.74	334.12	333.89	333.97	332.87	332.70	332.79
5	333.84	333.70	333.75	333.80	333.57	333.72	333.90	333.68	333.81	332.82	332.52	332.61
6	333.70	333.47	333.62	333.85	333.58	333.73	333.89	333.75	333.82	332.87	332.46	332.70
7	333.53	333.43	333.47	333.58	333.32	333.46	333.85	333.69	333.81	332.66	332.33	332.51
8	333.56	333.23	333.38	333.91	333.43	333.55	333.99	333.82	333.87	332.53	332.22	332.41
9	333.70	333.46	333.60	333.96	333.65	333.82	334.02	333.81	333.95	332.74	332.06	332.31
10	333.73	333.31	333.55	333.86	333.42	333.60	333.99	333.85	333.94	332.57	331.93	332.31
11	333.72	333.64	333.68	333.60	333.30	333.44	333.85	333.50	333.70	333.24	331.69	332.62
12	333.65	333.49	333.54	333.66	333.39	333.55	333.81	333.53	333.68	332.60	331.72	332.13
13	333.59	333.29	333.44	333.60	333.45	333.53	334.26	333.81	333.97	332.58	331.91	332.26
14	333.54	333.02	333.42	333.46	333.24	333.35	334.54	334.26	334.38	332.07	331.79	331.88
15	333.38	332.80	333.16	333.50	333.28	333.41	334.56	334.40	334.49	332.28	331.85	332.10
16	333.42	333.28	333.36	333.82	333.50	333.67	334.41	334.09	334.21	332.08	331.84	331.97
17	333.60	333.32	333.46	334.11	333.82	334.03	334.11	333.91	334.01	332.10	331.92	332.02
18	333.64	333.33	333.50	334.05	333.72	333.87	333.91	333.27	333.59	332.25	332.08	332.17
19	333.51	333.40	333.45	333.85	333.53	333.70	333.43	333.22	333.32	332.25	332.04	332.15
20	333.53	333.41	333.49	333.69	333.51	333.59	333.30	332.49	332.92	332.54	332.09	332.34
21	333.54	333.27	333.39	333.51	333.28	333.40	333.07	330.35	332.35	332.90	332.26	332.65
22	333.98	333.51	333.75	333.52	333.31	333.41	332.79	330.00	331.25	332.64	332.28	332.45
23	333.99	333.63	333.79	334.21	333.45	333.68	332.97	332.62	332.81	332.29	332.08	332.20
24	333.90	333.68	333.73	334.30	334.09	334.20	332.86	332.72	332.78	332.26	331.97	332.13
25	333.95	333.71	333.82	334.09	333.89	333.97	332.87	332.50	332.69	332.91	331.97	332.33
26	333.77	333.59	333.69	333.90	333.75	333.82	332.87	332.79	332.83	332.62	332.05	332.29
27	333.70	333.60	333.63	333.81	333.68	333.75	332.95	332.84	332.91	332.05	331.77	331.86
28	334.81	333.59	334.07	336.78	333.75	335.35	333.19	332.52	332.93	332.08	331.90	331.99
29	---	---	---	337.03	336.48	336.88	332.66	332.24	332.45	332.07	331.86	331.99
30	---	---	---	336.48	334.83	335.52	332.88	332.66	332.80	331.86	331.62	331.70
31	---	---	---	334.83	334.49	334.61	---	---	---	332.42	331.70	332.05
MONTH	334.81	332.80	333.58	337.03	333.24	333.98	334.73	330.00	333.48	333.24	331.62	332.31

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	332.70	331.99	332.32	333.36	332.64	332.91	332.85	332.09	332.39	332.39	331.55	331.82
2	333.67	332.03	332.96	332.71	332.31	332.45	332.38	332.12	332.21	331.85	331.31	331.64
3	333.74	333.15	333.40	332.41	331.87	332.09	332.32	331.51	331.95	331.98	331.78	331.85
4	333.16	332.61	332.90	332.31	331.78	331.99	332.43	332.00	332.17	331.79	331.25	331.59
5	332.64	332.31	332.53	332.94	332.31	332.75	332.00	331.77	331.82	331.57	331.15	331.37
6	332.60	332.13	332.34	333.16	332.47	332.73	331.93	331.63	331.79	331.42	331.04	331.26
7	333.30	332.02	332.65	333.23	332.56	332.80	332.01	331.75	331.87	331.54	330.80	331.11
8	333.27	332.15	333.03	336.60	333.23	335.59	332.80	331.70	332.07	331.78	331.46	331.66
9	332.92	331.84	332.33	336.97	335.52	336.49	333.15	332.80	333.00	331.46	331.19	331.35
10	332.95	332.36	332.63	335.52	333.80	334.56	333.74	332.97	333.33	331.52	331.38	331.46
11	332.59	332.18	332.37	334.02	333.39	333.72	333.70	332.74	333.20	331.59	331.41	331.52
12	332.30	331.79	332.01	333.40	333.24	333.30	332.74	332.22	332.41	331.41	330.98	331.17
13	331.84	331.52	331.65	333.70	333.25	333.43	332.31	332.20	332.25	331.42	331.23	331.36
14	332.21	331.57	331.92	333.88	333.42	333.66	332.23	331.91	332.08	331.29	330.87	331.15
15	332.08	331.76	331.91	---	---	---	332.62	331.90	332.17	331.86	331.23	331.42
16	331.76	331.45	331.53	---	---	---	332.34	331.48	331.79	331.57	331.39	331.53
17	331.80	331.22	331.56	---	---	---	332.27	331.54	331.87	331.58	331.20	331.50
18	331.73	331.53	331.62	---	---	---	332.51	332.24	332.39	331.46	331.13	331.36
19	331.76	331.03	331.45	333.17	332.68	332.90	332.54	332.15	332.32	331.45	330.99	331.18
20	331.76	331.13	331.46	332.98	332.62	332.81	332.16	332.04	332.10	331.62	330.99	331.18
21	331.80	331.31	331.48	332.62	332.52	332.57	332.06	331.26	331.71	331.95	330.93	331.34
22	331.76	331.19	331.42	332.59	332.32	332.47	331.79	330.93	331.55	331.99	331.51	331.67
23	331.76	331.13	331.49	332.56	332.36	332.46	332.18	331.75	331.87	331.52	331.24	331.40
24	331.78	331.13	331.43	332.54	332.39	332.51	332.53	331.92	332.12	331.62	331.30	331.49
25	331.91	331.77	331.83	332.69	332.16	332.31	332.47	331.53	331.99	331.48	331.00	331.13
26	331.91	331.79	331.87	332.49	331.72	332.01	331.79	331.08	331.60	331.37	331.15	331.27
27	331.84	331.63	331.78	332.61	332.04	332.21	331.84	331.73	331.79	331.45	331.07	331.26
28	333.95	331.84	332.73	332.25	331.98	332.12	331.93	331.73	331.84	331.72	331.45	331.60
29	333.99	333.46	333.73	332.65	332.25	332.44	332.06	331.66	331.87	331.65	331.15	331.32
30	333.65	333.36	333.53	333.12	332.65	332.94	332.06	331.90	331.95	331.60	331.24	331.48
31	---	---	---	333.02	332.62	332.82	331.94	331.74	331.85	---	---	---
MONTH	333.99	331.03	332.20	---	---	---	333.74	330.93	332.11	332.39	330.80	331.41