02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC

Santee Basin
Lower Broad Subbasin

LOCATION.--Lat 34°39′51″, long 81°26′57″ referenced to North American Datum of 1927, Union County, SC, Hydrologic Unit 03050106, on right wingwall of Neal Shoals Reservior dam.

DRAINAGE AREA.--2,730 mi^2.

SURFACE-WATER 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 ft^3 below 333.9 ft (maximum normal lake elevation). Contents above 333.9 are unknown. Prior to October 2003, midnight readings and month-end 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 337.19 ft, Oct. 9; minimum gage height, 327.61, Mar. 18.

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC—Continued

FROM DCP
GAGE HEIGHT, 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	331.38	331.06	331.21	331.72	329.81	331.00	332.96	332.08	332.68	332.03	331.10	331.74
2	331.40	331.13	331.30	331.69	331.01	331.23	332.08	331.00	331.33	331.61	331.00	331.29
3	331.72	331.22	331.37	331.81	330.89	331.36	332.64	331.49	332.28	332.99	331.48	332.27
4	331.67	331.13	331.34	331.81	330.90	331.41	332.54	331.98	332.19	333.02	332.38	332.63
5	331.54	331.04	331.32	331.98	331.46	331.65	334.73	331.94	332.92	333.53	332.17	332.63
6	331.58	331.38	331.47	332.37	331.98	332.22	334.72	334.23	334.45	332.67	332.20	332.45
7	332.91	331.28	331.56	332.11	330.37	331.16	334.24	332.73	333.52	332.29	331.20	331.75
8	337.11	332.91	335.75	330.60	330.16	330.44	332.82	332.36	332.60	332.28	331.52	331.98
9	337.19	334.58	336.31	331.03	330.35	330.58	332.58	331.44	331.92	331.60	331.31	331.46
10	334.58	332.80	333.50	331.24	329.85	330.71	333.09	332.36	332.95	331.76	331.49	331.63
11	332.80	332.00	332.43	331.04	330.44	330.76	332.98	332.34	332.68	332.03	331.47	331.68
12	332.24	331.59	331.93	331.48	330.84	331.19	332.34	332.03	332.15	332.45	331.90	332.05
13	331.75	331.28	331.64	331.51	331.03	331.23	332.25	330.54	331.36	332.47	331.95	332.15
14	331.72	331.17	331.34	331.05	330.20	330.60	331.36	330.61	330.93	334.16	332.27	333.40
15	331.79	331.08	331.54	330.95	330.02	330.42	334.52	330.79	331.86	334.14	333.28	333.70
16	332.08	331.52	331.86	330.95	329.91	330.41	334.74	334.33	334.60	333.28	332.46	332.81
17	331.52	330.82	331.22	332.45	330.73	331.39	334.33	333.19	333.77	332.60	332.43	332.53
18	331.56	330.66	331.12	332.85	331.15	332.15	333.21	332.49	332.83	332.51	332.32	332.39
19	331.37	330.94	331.19	332.38	332.02	332.24	332.51	331.99	332.18	332.94	332.42	332.70
20	331.40	331.18	331.35	332.55	332.11	332.36	332.04	331.49	331.75	332.48	331.73	332.08
21	331.39	330.90	331.15	332.82	331.64	332.19	331.65	331.15	331.43	332.45	332.08	332.27
22	331.46	331.32	331.38	334.41	332.39	333.51	332.10	331.53	331.81	332.58	332.16	332.40
23	331.64	331.38	331.57	334.43	333.83	334.16	331.74	331.13	331.56	332.18	331.82	331.97
24	331.81	331.01	331.50	333.84	330.92	332.66	331.13	330.73	330.99	332.40	331.88	332.20
25	332.40	331.51	331.91	333.28	329.15	331.64	331.56	331.04	331.27	332.59	332.21	332.45
26	332.32	330.68	331.78	332.53	331.66	332.07	331.53	330.65	331.18	332.23	331.47	331.86
27	331.80	330.95	331.38	332.85	331.77	332.48	331.85	331.41	331.52	331.96	331.16	331.64
28	332.05	331.06	331.54	332.03	331.35	331.59	331.67	331.27	331.41	332.18	331.64	332.03
29	332.19	331.04	331.62	332.59	331.09	331.93	332.21	331.19	331.70	331.64	330.96	331.34
30	333.06	332.19	332.76	333.37	332.13	332.70	332.53	331.65	332.09	331.89	330.99	331.49
31	332.54	330.46	331.38	---	---	---	332.08	331.81	331.94	331.81	331.34	331.56
Month	337.19	330.46	331.89	334.43	329.15	331.65	334.74	330.54	332.19	334.16	330.96	332.15

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC—Continued

FROM DCP
GAGE HEIGHT, 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	331.99	331.26	331.65	332.16	331.13	331.71	332.02	331.01	331.72	330.88	329.48	330.40
2	331.91	331.57	331.72	332.14	330.13	330.95	331.83	331.07	331.59	330.80	329.86	330.28
3	331.96	331.22	331.60	332.15	329.87	331.08	331.07	329.79	330.39	330.65	329.75	330.24
4	331.87	331.18	331.52	332.63	331.87	332.20	331.24	330.29	330.61	331.04	330.18	330.44
5	331.80	331.35	331.57	332.25	331.53	331.94	330.79	330.35	330.60	332.77	330.56	331.38
6	331.83	331.05	331.36	331.53	329.51	330.71	330.60	330.17	330.37	333.30	332.77	333.05
7	332.03	331.22	331.59	331.38	329.44	330.15	331.11	330.49	330.79	333.53	332.32	333.18
8	332.06	331.02	331.51	331.83	329.59	330.98	331.90	331.11	331.45	332.32	329.59	330.35
9	332.13	330.88	331.51	330.68	329.65	330.22	332.92	331.90	332.57	330.54	329.88	330.15
10	332.32	330.92	331.58	331.47	330.30	330.86	332.32	329.72	330.64	330.72	330.23	330.55
11	331.79	331.10	331.45	331.63	331.22	331.53	332.05	329.90	330.80	331.74	329.86	330.72
12	331.92	331.12	331.66	331.55	331.17	331.37	333.31	332.05	332.85	331.49	329.98	330.83
13	331.45	330.94	331.11	331.17	329.55	330.40	333.19	332.47	332.78	332.84	331.49	332.32
14	331.65	330.76	331.04	329.99	329.25	329.66	332.50	332.05	332.34	333.10	331.19	332.43
15	331.94	331.51	331.70	330.42	328.98	329.69	332.16	331.48	331.87	331.19	329.94	330.50
16	332.18	331.51	331.82	330.61	329.66	330.15	332.25	330.77	331.70	330.90	329.87	330.44
17	332.13	331.52	331.79	331.21	329.55	330.53	331.40	330.12	330.64	331.20	329.68	330.57
18	331.95	330.29	331.29	331.28	327.61	329.28	332.01	331.34	331.70	332.51	330.92	331.78
19	332.17	329.99	331.22	332.39	331.28	331.93	331.46	330.18	330.86	333.35	332.50	332.97
20	332.17	330.86	331.48	331.66	331.40	331.49	331.75	329.88	330.63	332.99	332.45	332.71
21	332.41	331.08	331.56	332.00	330.77	331.33	331.50	330.14	330.78	332.70	332.30	332.48
22	333.07	331.74	332.32	333.02	332.00	332.38	332.31	331.50	331.90	332.64	330.00	331.12
23	332.62	330.76	331.68	332.15	331.40	331.76	333.14	331.23	332.12	331.42	330.01	330.60
24	332.44	330.76	331.45	332.94	331.33	332.18	332.19	329.77	331.23	331.38	329.96	330.59
25	332.82	331.47	332.13	332.79	332.47	332.65	331.73	330.07	330.90	331.51	329.95	330.57
26	332.17	330.38	331.61	332.62	332.29	332.52	331.37	330.15	330.61	332.04	330.00	331.06
27	331.70	329.94	330.86	332.29	330.93	331.59	330.97	329.67	330.27	333.36	332.03	332.71
28	331.92	330.91	331.44	331.54	330.56	330.92	332.19	330.24	331.25	333.48	332.27	333.02
29	---	---	---	331.97	331.52	331.81	332.51	331.63	332.23	332.31	331.45	331.84
30	---	---	---	331.52	330.12	330.80	331.63	330.14	330.94	331.90	330.46	331.11
31	---	---	---	331.01	329.89	330.59	---	---	---	331.37	329.97	330.51
Month	333.07	329.94	331.54	333.02	327.61	331.14	333.31	329.67	331.30	333.53	329.48	331.32

02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC—Continued

FROM DCP
GAGE HEIGHT, 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	332.57	330.31	331.38	331.49	330.84	331.24	333.60	332.85	333.08	332.56	330.32	331.00
2	333.11	332.26	332.54	331.90	330.18	331.12	333.77	332.49	332.99	333.62	331.74	332.75
3	333.85	333.11	333.52	332.17	331.13	331.71	333.58	332.87	333.19	332.63	331.91	332.31
4	333.66	332.54	333.07	331.85	331.22	331.42	332.87	332.49	332.56	332.75	332.28	332.56
5	332.59	331.35	332.09	331.83	331.32	331.42	332.54	332.25	332.34	334.28	332.62	333.44
6	331.35	329.59	330.32	333.63	331.83	332.87	332.45	332.29	332.37	334.35	333.97	334.18
7	330.69	329.62	330.20	333.64	333.44	333.53	332.46	332.16	332.31	334.37	333.75	334.01
8	331.31	330.18	330.79	333.67	333.39	333.56	332.67	331.94	332.16	334.18	332.79	333.32
9	331.69	331.30	331.48	333.76	333.57	333.67	333.99	332.64	333.17	334.35	333.75	334.07
10	332.03	331.69	331.91	333.58	332.93	333.27	333.97	332.94	333.55	333.75	331.91	333.04
11	333.01	332.02	332.53	333.03	332.40	332.68	332.94	332.54	332.65	334.03	332.20	332.79
12	333.19	333.00	333.10	333.16	332.55	332.95	334.08	332.73	333.44	334.21	333.34	333.74
13	333.30	332.81	333.11	332.67	332.04	332.30	334.80	333.95	334.56	334.05	332.29	333.32
14	333.61	332.33	332.81	333.36	332.53	332.94	334.19	332.20	333.16	---	---	---
15	333.08	332.19	332.67	332.73	332.21	332.41	332.24	331.46	331.99	---	---	---
16	333.29	332.57	332.95	333.23	332.73	333.02	332.34	330.30	331.32	333.64	332.04	332.77
17	332.97	332.54	332.70	333.22	332.94	333.08	333.78	332.34	333.15	332.27	331.83	332.02
18	332.54	332.09	332.36	333.11	332.63	332.81	333.02	332.66	332.90	334.01	332.24	333.05
19	332.09	331.50	331.70	333.20	332.58	332.78	332.66	332.21	332.39	333.29	332.36	332.73
20	332.14	331.51	331.82	332.90	332.38	332.58	332.61	332.36	332.48	334.06	333.19	333.71
21	332.98	332.13	332.38	333.46	332.57	332.94	332.60	332.31	332.43	334.10	332.99	333.51
22	333.36	332.52	332.86	333.94	333.16	333.56	333.21	332.31	332.71	333.66	333.30	333.48
23	333.08	332.57	332.72	334.57	333.51	334.02	333.88	333.21	333.39	333.40	333.19	333.30
24	333.83	332.70	333.27	334.05	332.18	333.26	334.12	332.46	333.35	333.35	332.93	333.22
25	333.87	332.75	333.20	332.94	332.06	332.58	332.46	331.56	332.10	333.14	332.58	332.89
26	333.94	332.43	332.88	332.59	332.03	332.19	331.94	330.70	331.34	333.93	333.14	333.40
27	334.78	332.39	333.53	333.47	332.03	332.93	332.78	331.94	332.42	334.10	333.23	333.71
28	334.71	333.79	334.22	334.01	333.02	333.33	332.95	332.78	332.88	333.39	332.66	333.05
29	333.79	331.02	332.25	333.40	332.71	332.96	332.99	332.84	332.94	333.68	333.33	333.49
30	331.52	330.44	331.21	333.96	332.98	333.45	334.03	332.96	333.37	333.91	333.51	333.64
31	---	---	---	334.12	332.99	333.67	333.31	331.37	332.54	---	---	---
Month	334.78	329.59	332.39	334.57	330.18	332.78	334.80	330.30	332.75	---	---	---