

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'58'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050112, about 300 ft below Lake Marion Wilson Dam, at right downstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929.

REMARKS.--Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River Basin (see sta 02172002), and lower Santee (see sta 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 52.59 ft, Mar. 21, 25, 2003; minimum gage height, 25.39 ft, July 24, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 39.01 ft, Apr. 5, but may have been higher during periods of missing record; minimum gage height, 26.60 ft, Oct. 29.

Gage height, feet WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.17	27.09	27.12	30.10	27.06	27.60	26.97	26.86	26.91	26.84	26.76	26.81
2	27.15	26.61	27.06	30.95	30.10	30.74	26.93	26.88	26.91	26.85	26.77	26.81
3	27.17	26.66	27.07	31.04	30.90	30.97	26.88	26.87	26.88	26.84	26.76	26.80
4	27.19	27.05	27.14	35.96	30.93	32.40	26.87	26.85	26.86	26.85	26.76	26.80
5	27.20	27.09	27.14	36.37	35.87	36.21	26.85	26.84	26.85	26.84	26.78	26.81
6	27.19	27.11	27.14	36.45	36.31	36.37	26.84	26.83	26.83	26.84	26.78	26.81
7	27.17	27.08	27.13	36.63	28.70	32.76	26.83	26.81	26.82	26.85	26.79	26.82
8	27.17	27.08	27.13	28.70	27.85	28.07	26.81	26.80	26.80	26.85	26.79	26.82
9	27.15	27.09	27.12	27.86	27.78	27.82	26.99	26.74	26.80	26.84	26.79	26.82
10	27.14	27.07	27.10	27.81	27.73	27.77	26.87	26.74	26.77	26.84	26.77	26.81
11	27.16	27.07	27.10	27.77	27.03	27.58	27.00	26.79	26.87	26.83	26.77	26.80
12	27.15	27.07	27.10	27.03	26.96	26.98	26.87	26.73	26.79	26.84	26.63	26.80
13	27.63	27.07	27.16	26.98	26.93	26.96	27.16	26.75	26.88	26.84	26.76	26.80
14	27.62	27.06	27.24	27.00	26.94	26.96	26.92	26.82	26.86	26.89	26.74	26.84
15	29.01	27.05	27.62	27.20	26.88	26.94	26.86	26.82	26.84	26.91	26.83	26.86
16	27.40	26.95	27.08	27.65	26.87	27.05	26.85	26.81	26.83	26.91	26.83	26.86
17	26.99	26.93	26.96	27.20	26.97	27.06	26.85	26.82	26.84	26.92	26.82	26.87
18	27.17	26.67	27.03	27.03	26.95	26.98	26.86	26.82	26.84	26.89	26.79	26.84
19	27.10	27.03	27.07	27.02	26.94	26.99	28.82	26.83	27.21	26.86	26.79	26.82
20	27.06	27.02	27.04	27.03	26.94	26.98	28.62	26.80	27.31	26.84	26.75	26.80
21	27.05	27.02	27.04	27.02	26.95	26.98	26.86	26.78	26.81	26.81	26.74	26.78
22	27.05	27.01	27.03	27.02	26.95	26.99	26.86	26.77	26.82	27.14	26.75	26.81
23	27.05	27.01	27.03	27.04	26.95	26.99	26.85	26.76	26.80	27.27	26.82	26.99
24	27.04	27.00	27.02	27.05	26.95	26.99	26.88	26.78	26.84	26.85	26.76	26.82
25	27.03	26.99	27.02	29.27	26.90	27.90	26.90	26.82	26.86	26.83	26.75	26.79
26	27.04	26.99	27.01	27.61	27.08	27.29	26.93	26.84	26.89	26.82	26.75	26.79
27	27.43	26.92	27.02	27.08	26.99	27.02	26.89	26.81	26.86	26.87	26.75	26.80
28	27.52	26.83	27.07	26.99	26.94	26.96	26.87	26.79	26.83	26.88	26.78	26.82
29	27.04	26.60	26.84	26.94	26.92	26.93	26.86	26.78	26.82	26.86	26.80	26.83
30	27.11	26.79	27.01	26.92	26.88	26.90	26.85	26.78	26.82	26.84	26.79	26.81
31	27.12	27.06	27.11	---	---	---	26.84	26.79	26.81	26.87	26.79	26.82
MONTH	29.01	26.60	27.09	36.63	26.87	28.40	28.82	26.73	26.87	27.27	26.63	26.82

SANTEE RIVER BASIN

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, 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	26.86	26.79	26.82	32.45	26.90	29.21	---	---	---	27.02	26.95	26.98
2	27.03	26.79	26.85	30.34	26.89	27.82	---	---	---	26.98	26.96	26.97
3	27.02	26.85	26.91	27.30	26.84	26.93	---	---	---	26.99	26.96	26.97
4	26.95	26.87	26.91	26.88	26.82	26.85	---	---	---	26.98	26.96	26.97
5	26.94	26.87	26.90	28.10	26.82	27.07	---	---	---	27.01	26.91	26.98
6	26.92	26.85	26.89	26.88	26.82	26.85	38.50	38.23	38.36	27.04	26.96	27.00
7	26.95	26.78	26.89	26.87	26.82	26.84	38.63	35.10	37.61	26.97	26.95	26.97
8	26.97	26.78	26.87	34.07	26.82	29.35	35.10	28.55	31.58	27.01	26.79	26.95
9	26.86	26.78	26.81	27.99	26.79	27.03	28.55	27.31	27.66	26.97	26.94	26.95
10	26.99	26.80	26.89	27.05	26.80	26.90	27.32	27.18	27.24	27.38	26.94	26.99
11	26.94	26.83	26.87	30.47	26.82	27.62	27.35	26.79	27.08	27.02	26.95	26.96
12	26.87	26.81	26.84	30.43	27.11	28.38	27.24	26.98	27.12	26.96	26.74	26.88
13	26.86	26.79	26.83	27.18	26.82	26.90	27.47	27.21	27.30	26.78	26.72	26.75
14	26.88	26.80	26.83	26.89	26.80	26.85	27.31	27.21	27.24	26.75	26.73	26.74
15	26.85	26.81	26.83	26.86	26.80	26.83	27.44	27.06	27.29	27.14	26.73	26.79
16	26.87	26.82	26.84	26.95	26.82	26.86	27.31	27.19	27.24	27.05	26.90	26.99
17	26.89	26.82	26.84	26.87	26.82	26.84	27.27	27.05	27.20	27.02	26.96	26.98
18	26.90	26.83	26.86	26.87	26.79	26.83	27.24	27.04	27.16	26.98	26.94	26.97
19	26.87	26.82	26.85	26.82	26.77	26.80	27.07	27.03	27.05	27.00	26.96	26.98
20	26.87	26.82	26.84	26.80	26.75	26.78	27.07	27.01	27.04	27.12	26.97	27.00
21	26.88	26.81	26.84	26.83	26.74	26.79	27.09	26.87	27.03	27.01	26.97	26.98
22	26.95	26.73	26.84	26.91	26.80	26.84	27.47	26.99	27.07	27.01	26.97	26.99
23	26.89	26.80	26.84	27.06	26.79	26.84	31.55	27.03	28.36	27.84	26.98	27.23
24	26.91	26.84	26.87	27.03	26.79	26.82	---	---	---	27.32	26.97	27.09
25	26.91	26.83	26.86	26.83	26.77	26.80	---	---	---	27.01	26.98	26.99
26	26.88	26.81	26.85	26.83	26.77	26.80	---	---	---	27.01	26.97	26.99
27	26.94	26.81	26.87	26.95	26.79	26.87	28.18	26.96	27.46	27.08	26.97	27.01
28	26.93	26.83	26.88	31.85	26.75	29.12	27.42	26.97	27.04	27.16	26.97	27.01
29	---	---	---	29.94	26.87	27.94	26.99	26.95	26.98	26.99	26.97	26.98
30	---	---	---	27.02	26.85	26.94	27.14	26.96	27.00	27.09	26.97	27.00
31	---	---	---	27.03	26.96	27.01	---	---	---	26.99	26.97	26.98
MONTH	27.03	26.73	26.86	34.07	26.74	27.24	---	---	---	27.84	26.72	26.97

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	27.01	26.97	26.99	27.33	26.69	26.98	27.02	27.00	27.01	27.04	27.01	27.03
2	27.04	26.97	26.99	27.15	27.00	27.02	27.02	27.00	27.02	27.03	27.01	27.03
3	27.06	27.01	27.03	27.23	27.00	27.06	27.02	27.00	27.01	27.03	27.01	27.02
4	27.06	27.04	27.05	27.09	27.03	27.05	27.04	27.01	27.02	27.03	27.01	27.02
5	27.05	27.02	27.04	27.12	27.03	27.06	27.03	27.02	27.03	27.03	27.01	27.02
6	27.03	27.01	27.03	27.08	27.04	27.04	27.04	27.02	27.03	27.13	27.01	27.06
7	27.04	27.00	27.02	27.06	26.99	27.03	27.53	26.91	27.14	27.12	27.00	27.05
8	27.03	27.00	27.02	27.12	26.98	27.03	27.06	27.03	27.04	27.02	26.96	26.99
9	27.01	27.00	27.00	27.00	26.95	26.99	27.04	27.03	27.04	26.98	26.96	26.97
10	27.03	26.99	27.00	27.00	26.98	26.98	27.04	27.03	27.04	26.99	26.96	26.97
11	27.02	26.99	27.00	26.99	26.97	26.98	27.04	27.03	27.04	26.99	26.95	26.97
12	27.01	26.99	27.00	27.00	26.97	26.99	27.04	27.03	27.04	26.99	26.95	26.97
13	27.08	26.64	26.92	27.58	26.99	27.09	27.06	27.04	27.05	27.00	26.95	26.98
14	27.20	26.84	27.01	27.95	26.99	27.14	27.05	27.04	27.05	27.14	26.97	27.03
15	27.18	26.97	27.11	27.14	27.00	27.03	27.06	27.03	27.05	27.07	26.95	26.99
16	27.05	26.96	26.98	27.11	26.99	27.04	27.05	27.04	27.05	27.00	26.98	26.99
17	27.02	26.71	26.96	27.03	26.99	27.01	27.07	27.04	27.05	27.00	26.98	26.99
18	27.01	26.93	26.98	27.41	26.83	27.05	27.06	27.04	27.05	27.00	26.98	26.99
19	27.05	26.98	27.00	27.07	27.01	27.03	27.06	27.04	27.05	27.00	26.98	26.99
20	27.03	26.97	26.99	27.03	26.99	27.02	27.06	27.04	27.05	26.99	26.98	26.99
21	27.02	26.96	26.98	27.16	27.00	27.04	27.06	27.03	27.05	26.99	26.98	26.98
22	27.40	26.87	27.01	27.03	27.00	27.01	27.07	27.04	27.05	26.99	26.97	26.98
23	27.19	26.76	26.97	27.02	26.78	26.99	27.06	27.03	27.04	26.99	26.97	26.97
24	26.97	26.94	26.96	27.01	27.00	27.00	27.20	27.03	27.06	26.98	26.96	26.97
25	26.99	26.96	26.96	27.01	26.96	26.99	27.05	27.03	27.04	26.97	26.96	26.97
26	26.97	26.95	26.96	27.09	26.96	27.01	27.05	27.03	27.04	26.97	26.95	26.97
27	26.97	26.95	26.97	27.02	26.99	27.01	27.05	27.03	27.04	26.98	26.95	26.97
28	26.99	26.96	26.97	27.01	26.99	27.00	27.05	27.03	27.04	26.97	26.95	26.96
29	26.97	26.96	26.97	27.01	26.99	27.00	27.05	27.03	27.04	26.98	26.96	26.97
30	27.04	26.96	26.98	27.01	27.00	27.00	27.05	27.02	27.04	26.97	26.95	26.96
31	---	---	---	27.03	26.99	27.01	27.05	27.02	27.03	---	---	---
MONTH	27.40	26.64	27.00	27.95	26.69	27.02	27.53	26.91	27.04	27.14	26.95	26.99