

## SANTEE RIVER BASIN

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 mi<sup>2</sup>, 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, 48.12 ft, Sep. 14; minimum gage height, 26.42 ft, June 10.

Gage height, feet												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.87	26.82	26.85	26.94	26.89	26.92	26.91	26.79	26.82	27.10	27.04	27.06
2	26.87	26.82	26.85	26.94	26.89	26.92	26.80	26.78	26.79	27.09	26.90	27.05
3	26.87	26.83	26.85	26.94	26.89	26.92	26.81	26.78	26.79	27.09	27.03	27.07
4	26.87	26.82	26.85	26.94	26.88	26.92	26.86	26.79	26.81	27.10	27.03	27.06
5	26.88	26.83	26.85	26.93	26.89	26.92	26.81	26.78	26.80	27.09	27.04	27.06
6	26.87	26.82	26.85	26.95	26.89	26.92	26.88	26.78	26.80	27.09	27.02	27.05
7	26.89	26.67	26.85	26.94	26.89	26.92	26.79	26.77	26.78	27.08	27.01	27.05
8	26.90	26.84	26.87	26.94	26.89	26.92	26.80	26.77	26.78	27.08	27.02	27.05
9	26.90	26.83	26.87	26.96	26.89	26.92	26.79	26.78	26.78	27.10	27.03	27.06
10	26.89	26.84	26.86	26.94	26.89	26.92	27.26	26.77	26.81	27.08	27.02	27.05
11	---	---	---	27.14	26.89	27.01	28.49	26.79	27.49	27.07	27.01	27.04
12	---	---	---	27.15	27.05	27.10	26.82	26.76	26.79	27.08	27.02	27.05
13	---	---	---	27.34	27.07	27.16	27.48	26.77	26.94	27.08	27.02	27.05
14	---	---	---	27.13	27.04	27.08	26.89	26.80	26.83	27.08	27.00	27.04
15	---	---	---	27.12	27.03	27.07	26.85	26.79	26.81	27.08	27.00	27.04
16	---	---	---	27.13	27.02	27.07	26.83	26.77	26.80	27.08	27.02	27.05
17	26.94	26.81	26.86	27.11	26.95	27.01	28.07	26.78	27.26	27.07	27.01	27.05
18	26.88	26.83	26.85	27.00	26.94	26.97	27.27	27.07	27.13	27.08	26.97	27.04
19	26.87	26.81	26.85	27.11	26.84	26.98	27.92	27.07	27.40	27.09	27.00	27.03
20	26.88	26.81	26.84	27.10	26.96	27.01	27.16	27.06	27.10	27.08	27.00	27.04
21	26.87	26.81	26.84	27.02	26.97	26.99	27.12	26.94	27.07	27.08	27.01	27.05
22	26.91	26.82	26.85	27.02	26.96	26.99	27.11	27.05	27.08	27.13	26.88	27.04
23	26.87	26.80	26.84	27.02	26.96	26.99	27.10	27.03	27.07	27.11	27.00	27.04
24	26.88	26.82	26.84	27.20	26.97	27.02	27.11	26.92	27.07	27.09	27.01	27.05
25	26.86	26.81	26.84	27.12	26.97	27.01	27.14	27.05	27.08	27.10	27.01	27.05
26	26.86	26.81	26.84	27.02	26.97	26.99	27.10	27.05	27.08	27.23	26.79	27.05
27	26.94	26.81	26.90	27.01	26.96	26.98	27.11	27.05	27.08	27.16	27.02	27.07
28	27.00	26.89	26.94	30.77	26.94	27.73	27.10	27.04	27.07	27.28	27.01	27.11
29	27.04	26.91	26.95	30.37	26.86	28.07	27.10	27.02	27.07	27.06	27.00	27.03
30	26.94	26.89	26.92	26.86	26.80	26.82	27.11	27.04	27.07	27.07	27.00	27.03
31	26.94	26.89	26.92	---	---	---	27.11	27.04	27.07	27.07	26.99	27.03
MONTH	---	---	---	30.77	26.80	27.04	28.49	26.76	26.98	27.28	26.79	27.05

SANTEE RIVER BASIN

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC--Continued

Gage height, feet  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.07	26.98	27.03	26.99	26.94	26.97	27.25	27.00	27.15	27.08	27.00	27.04
2	27.07	27.00	27.03	27.00	26.93	26.97	27.38	26.98	27.10	27.36	27.00	27.08
3	27.07	26.99	27.04	26.99	26.95	26.97	27.02	26.95	26.98	28.49	27.04	27.44
4	27.07	27.00	27.03	27.01	26.94	26.97	27.22	26.95	27.07	27.14	26.84	26.90
5	27.08	26.98	27.04	27.01	26.94	26.97	27.02	26.95	26.98	26.95	26.82	26.88
6	27.12	27.03	27.07	27.38	26.93	27.05	26.99	26.95	26.97	26.91	26.81	26.86
7	28.33	27.04	27.39	29.77	26.94	27.25	26.99	26.94	26.97	26.91	26.83	26.86
8	27.78	27.05	27.18	29.30	26.94	27.38	27.01	26.96	26.98	26.90	26.82	26.86
9	27.18	27.01	27.11	26.99	26.76	26.93	27.01	26.94	26.98	26.91	26.82	26.86
10	27.16	26.98	27.07	27.04	26.93	26.97	27.01	26.96	26.98	26.91	26.83	26.86
11	27.03	26.98	27.00	26.98	26.94	26.96	27.02	26.95	26.98	26.89	26.82	26.86
12	27.11	26.99	27.05	26.98	26.94	26.96	27.02	26.96	26.99	26.94	26.81	26.86
13	27.07	26.99	27.03	26.97	26.94	26.96	28.07	26.96	27.25	26.91	26.82	26.86
14	27.11	26.98	27.04	26.98	26.77	26.95	27.99	27.09	27.45	26.89	26.82	26.85
15	27.10	27.00	27.05	26.98	26.94	26.96	27.14	27.02	27.07	26.90	26.82	26.85
16	27.08	26.99	27.03	27.01	26.93	26.96	27.10	27.01	27.05	26.88	26.81	26.85
17	27.09	27.00	27.03	26.99	26.93	26.96	27.11	27.02	27.06	26.89	26.81	26.85
18	27.08	26.98	27.02	26.99	26.93	26.96	27.10	27.02	27.06	26.89	26.81	26.85
19	27.05	26.98	27.00	26.99	26.93	26.96	27.11	27.02	27.06	26.88	26.81	26.85
20	27.04	26.97	27.00	27.00	26.93	26.97	27.13	27.03	27.06	26.89	26.82	26.85
21	27.24	26.96	27.03	27.11	26.79	27.00	27.09	27.01	27.05	26.90	26.82	26.85
22	27.00	26.94	26.98	27.01	26.94	26.97	27.08	27.02	27.05	26.87	26.81	26.84
23	26.99	26.94	26.97	26.99	26.94	26.97	27.08	26.98	27.05	26.90	26.78	26.85
24	27.01	26.95	26.97	27.00	26.93	26.97	27.08	27.01	27.04	27.08	26.58	26.86
25	27.01	26.94	26.97	26.99	26.94	26.97	27.09	27.01	27.05	26.95	26.79	26.89
26	27.06	26.94	27.00	26.99	26.94	26.97	27.13	27.01	27.06	27.01	26.81	26.88
27	27.03	26.96	26.99	26.99	26.94	26.96	27.88	27.03	27.27	27.06	26.81	26.88
28	27.02	26.95	26.98	27.00	26.93	26.96	27.54	27.01	27.10	27.15	26.81	26.91
29	27.00	26.95	26.97	27.25	26.92	27.00	27.08	27.01	27.04	26.92	26.80	26.83
30	---	---	---	27.31	26.95	27.04	27.10	27.01	27.04	26.94	26.80	26.83
31	---	---	---	27.39	26.91	27.07	---	---	---	27.31	26.81	26.98
MONTH	28.33	26.94	27.04	29.77	26.76	27.00	28.07	26.94	27.06	28.49	26.58	26.90

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.32	26.79	26.93	26.96	26.89	26.92	27.00	26.91	26.95	27.06	26.99	27.03
2	26.85	26.78	26.81	26.97	26.88	26.92	26.99	26.92	26.96	27.05	26.97	27.01
3	26.85	26.78	26.81	26.95	26.89	26.92	27.02	26.84	26.95	27.02	26.97	27.00
4	26.83	26.78	26.80	26.94	26.88	26.92	27.05	26.83	26.95	27.04	26.97	27.00
5	26.83	26.78	26.81	26.99	26.88	26.92	27.07	26.93	26.99	27.05	26.98	27.01
6	26.83	26.77	26.80	26.95	26.88	26.91	26.99	26.93	26.96	27.04	26.98	27.01
7	26.85	26.78	26.81	26.93	26.88	26.90	27.01	26.93	26.96	27.12	27.00	27.05
8	26.85	26.78	26.81	27.01	26.88	26.92	27.00	26.94	26.97	27.14	27.02	27.05
9	26.85	26.48	26.76	26.93	26.87	26.90	27.01	26.95	26.97	27.07	27.00	27.04
10	26.85	26.42	26.76	26.93	26.87	26.90	27.01	26.95	26.98	45.50	26.87	31.15
11	26.84	26.78	26.81	---	---	---	27.01	26.95	26.98	47.81	45.50	46.83
12	26.85	26.78	26.81	---	---	---	27.19	26.97	27.02	47.91	47.73	47.81
13	26.84	26.79	26.81	---	---	---	27.04	26.98	27.00	48.05	47.83	47.95
14	26.85	26.78	26.81	27.12	26.94	26.99	27.06	26.98	27.01	48.12	47.93	48.02
15	26.83	26.57	26.78	27.33	26.90	27.05	27.03	26.98	27.01	48.09	45.90	46.95
16	26.86	26.79	26.82	26.96	26.88	26.93	27.04	26.98	27.01	45.92	45.80	45.86
17	26.85	26.78	26.82	27.42	26.52	26.93	27.04	26.99	27.02	45.88	45.01	45.57
18	26.86	26.75	26.82	26.97	26.54	26.82	27.08	27.00	27.03	45.10	36.37	41.67
19	26.85	26.79	26.82	26.97	26.92	26.94	27.06	26.99	27.03	36.37	31.05	33.52
20	26.84	26.79	26.82	26.97	26.89	26.94	27.06	27.01	27.04	31.05	28.24	29.49
21	26.85	26.79	26.82	26.96	26.91	26.94	27.07	27.01	27.04	28.24	27.49	27.78
22	26.97	26.77	26.83	26.98	26.92	26.94	27.12	27.02	27.06	27.49	27.11	27.29
23	28.50	26.71	26.98	27.00	26.91	26.94	27.07	27.02	27.05	27.15	27.05	27.10
24	28.31	26.90	27.11	26.98	26.93	26.95	27.08	27.03	27.05	27.13	27.05	27.09
25	27.02	26.80	26.93	26.98	26.93	26.95	27.10	27.03	27.06	27.14	27.06	27.11
26	27.32	26.93	27.05	26.98	26.91	26.95	27.10	27.03	27.06	27.14	27.05	27.09
27	26.97	26.91	26.94	26.99	26.91	26.95	27.10	27.03	27.06	27.23	27.06	27.14
28	27.70	26.94	27.16	27.00	26.88	26.95	27.10	27.04	27.07	29.01	27.16	27.98
29	28.63	26.90	27.20	26.98	26.90	26.94	35.20	27.06	30.18	27.42	27.11	27.19
30	27.13	26.89	26.94	26.98	26.90	26.94	31.66	27.12	28.19	27.16	27.09	27.13
31	---	---	---	26.99	26.90	26.94	27.13	27.03	27.07	---	---	---
MONTH	28.63	26.42	26.87	---	---	---	35.20	26.83	27.15	48.12	26.87	32.70