

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'58'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050112, below Lake Marion Wilson Dam, at right downstream end of spillway about 300 ft below dam, 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 September 1999.

GAGE.--Data collection platform. Datum of gage is sea level.

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, 31.20 ft, Mar. 3, 1999; minimum gage height, 25.39 ft, July 24, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 30.77 ft, Apr. 4; minimum gage height, 25.39 ft, July 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.93	26.84	26.88	26.99	26.92	26.95	27.00	26.59	26.87	26.93	26.85	26.89
2	26.91	26.84	26.88	28.12	26.92	27.15	27.00	26.92	26.97	26.93	26.85	26.89
3	26.91	26.84	26.88	27.95	26.97	27.18	27.02	26.93	26.97	26.92	26.85	26.89
4	26.92	26.84	26.87	27.03	26.95	26.99	26.99	26.93	26.96	26.94	26.84	26.89
5	26.90	26.83	26.87	27.03	26.94	26.98	27.01	26.93	26.97	26.96	26.84	26.90
6	26.89	26.82	26.87	27.01	26.94	26.98	27.01	26.92	26.97	26.92	26.84	26.89
7	26.90	26.84	26.86	27.02	26.93	26.98	27.01	26.92	26.96	26.97	26.86	26.90
8	26.89	26.81	26.86	27.03	26.94	26.98	27.00	26.92	26.96	26.93	26.86	26.89
9	26.89	26.82	26.86	27.00	26.93	26.97	26.99	26.91	26.96	26.94	26.84	26.89
10	26.88	26.82	26.86	27.02	26.93	26.96	27.00	26.91	26.96	26.95	26.84	26.90
11	26.89	26.79	26.85	27.01	26.93	26.97	27.00	26.91	26.96	26.95	26.84	26.89
12	26.90	26.82	26.85	27.01	26.93	26.97	27.00	26.92	26.96	26.92	26.84	26.88
13	26.88	26.82	26.85	27.00	26.93	26.96	27.00	26.91	26.96	26.95	26.82	26.89
14	26.87	26.80	26.84	27.02	26.92	26.96	27.02	26.92	26.97	26.95	26.83	26.89
15	26.88	26.81	26.85	---	---	---	27.04	26.87	26.97	26.92	26.85	26.89
16	26.88	26.80	26.85	---	---	---	27.07	26.94	27.00	26.94	26.85	26.89
17	27.15	26.83	26.95	27.00	26.92	26.96	27.01	26.96	26.99	26.96	26.85	26.89
18	26.94	26.83	26.89	26.99	26.93	26.96	27.03	26.95	26.99	26.93	26.85	26.89
19	26.92	26.82	26.87	26.99	26.92	26.95	27.13	26.99	27.05	26.93	26.86	26.90
20	26.90	26.82	26.86	27.00	26.91	26.95	27.05	26.85	26.96	27.42	26.89	27.06
21	26.91	26.82	26.86	27.00	26.91	26.96	26.93	26.85	26.89	27.00	26.87	26.91
22	26.90	26.82	26.86	26.99	26.91	26.95	26.92	26.83	26.88	26.95	26.86	26.91
23	26.98	26.83	26.89	27.00	26.91	26.95	26.92	26.83	26.88	26.96	26.87	26.92
24	26.91	26.81	26.86	27.01	26.91	26.95	26.93	26.83	26.88	27.20	26.88	26.96
25	26.89	26.82	26.86	26.98	26.92	26.95	26.92	26.82	26.88	28.26	27.17	27.98
26	27.14	26.83	26.97	27.06	26.93	26.98	26.94	26.83	26.88	28.26	28.18	28.22
27	27.14	26.91	27.01	28.02	26.93	27.43	26.93	26.84	26.87	28.24	26.92	27.67
28	26.97	26.90	26.94	28.04	27.97	28.01	26.94	26.83	26.87	26.99	26.90	26.94
29	27.00	26.90	26.93	28.05	26.98	27.57	26.94	26.85	26.89	26.97	26.89	26.93
30	27.00	26.92	26.96	27.04	26.93	26.98	26.99	26.73	26.86	27.01	26.91	26.95
31	27.01	26.91	26.96	---	---	---	26.98	26.85	26.89	27.16	26.92	27.00
MONTH	27.15	26.79	26.89	28.12	26.91	27.05	27.13	26.59	26.94	28.26	26.82	27.01

