

SANTEE RIVER BASIN

02169740 CONGAREE RIVER AT SOUTHERN RR NR FORT MOTTE, SC

LOCATION.--Lat 33°46'12'', long 80°39'58'', Richland County, Hydrologic Unit 03050110, on left bank approximately 100 ft downstream of Southern railroad bridge, and at mile 128.6.

DRAINAGE AREA.--Undetermined

PERIOD OF RECORD.--December 2003 to September 2005 (discontinued). Records for May 1981 to October 1983 and October 1989 to March 1991 are in the backfiles of the U.S.Geological Survey.

GAGE.--Data collection platform. Elevation of gage is 75 ft above NGVD of 1929 (from topographic map).

REMARKS.--Flow regulated by Lake Murray (see sta 02168500) on the Saluda River, and to some extent, at low and medium flow, by powerplants on the Broad River. Records 1981 to 1983, 1990, and 1991 were collected by the South Carolina Department of Health and Environmental Control and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.30 ft, Sep. 12, 2004; minimum gage-height, 1.73 ft, July 3, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.33 ft, Apr. 1; minimum gage height, 2.64 ft, Sep. 30.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.65	5.10	8.68	9.09	6.12	10.30	16.21	7.58	7.71	10.75	8.02	7.06
2	13.35	5.33	7.46	8.91	6.55	10.97	16.00	7.45	9.06	11.17	8.72	7.42
3	12.94	5.30	7.23	8.51	7.06	11.60	15.04	7.26	10.91	11.49	8.82	7.69
4	12.00	5.06	7.62	8.37	7.88	11.48	14.03	6.84	11.88	11.41	8.57	7.77
5	11.22	4.87	7.76	7.64	8.42	10.52	12.88	6.54	13.34	11.34	7.78	7.88
6	9.89	7.79	7.74	6.84	8.70	9.87	12.11	6.02	13.85	10.75	6.83	7.77
7	9.14	9.61	7.34	7.32	8.76	9.11	11.44	5.71	12.74	10.66	6.66	7.39
8	8.07	8.47	7.20	7.47	8.69	9.19	11.04	7.38	11.10	11.08	6.29	6.33
9	7.34	8.01	7.28	7.13	8.59	9.41	10.93	6.12	10.16	11.50	5.81	5.69
10	6.70	7.02	7.77	6.74	8.33	9.98	11.14	5.67	9.77	12.09	6.65	4.65
11	6.44	6.46	8.41	6.54	7.76	10.07	11.35	5.23	9.67	13.02	7.39	3.98
12	7.15	6.26	10.92	5.85	7.59	9.37	11.26	5.30	9.45	13.64	8.66	3.65
13	6.59	5.88	11.62	5.58	7.18	8.86	10.97	5.85	9.04	13.07	8.86	3.34
14	6.09	5.73	12.25	6.86	6.79	8.12	11.34	5.75	9.70	11.73	8.27	3.44
15	6.34	6.61	12.69	8.29	5.77	7.40	11.72	5.46	8.90	10.95	7.62	3.46
16	6.38	8.07	12.34	10.37	6.05	7.09	12.05	5.25	7.80	11.12	6.98	3.33
17	6.31	7.48	11.37	10.75	6.07	7.67	12.23	5.87	7.33	11.38	6.83	3.07
18	6.16	6.82	10.33	10.81	5.99	9.65	11.70	5.66	7.18	11.06	6.79	3.35
19	5.82	6.54	9.53	10.50	6.55	10.36	10.25	5.42	6.50	10.56	6.60	3.46
20	5.18	7.04	9.25	9.56	6.07	9.90	9.68	5.69	5.89	10.45	7.36	3.36
21	4.84	7.08	10.24	9.22	5.66	9.12	9.87	7.22	5.65	10.42	7.53	3.31
22	5.44	6.95	9.51	8.16	6.12	8.25	9.24	7.33	5.34	10.07	7.16	2.90
23	5.65	6.67	8.20	7.83	8.33	8.05	8.39	6.70	5.97	8.66	7.43	2.79
24	5.18	7.82	7.71	8.76	8.99	8.28	8.42	7.92	6.51	7.86	7.49	2.79
25	5.05	7.79	7.57	9.14	9.50	8.58	7.99	7.54	6.30	6.67	6.93	3.12
26	5.70	7.85	8.62	7.18	10.06	9.85	8.23	6.06	5.80	6.79	7.84	2.91
27	5.08	8.04	10.45	5.88	9.12	9.53	8.45	5.33	5.65	6.88	8.58	2.82
28	5.46	8.45	10.19	5.44	8.84	9.99	8.50	5.05	5.80	6.22	8.11	2.94
29	5.26	8.11	9.11	5.99	---	11.25	8.17	4.80	7.13	6.30	6.87	2.77
30	4.81	8.30	8.91	5.90	---	12.11	7.64	4.76	9.93	6.21	6.74	2.70
31	4.84	---	9.02	5.63	---	14.51	---	7.27	---	6.67	6.52	---
MEAN	7.20	7.02	9.17	7.81	7.55	9.69	10.94	6.19	8.54	10.06	7.44	4.44
MAX	13.35	9.61	12.69	10.81	10.06	14.51	16.21	7.92	13.85	13.64	8.86	7.88
MIN	4.81	4.87	7.20	5.44	5.66	7.09	7.64	4.76	5.34	6.21	5.81	2.70