

## SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

PERIOD OF RECORD.--March 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below NGVD of 1929 (National Ocean Survey benchmark). Prior to Mar. 4, 1987 at site 2.1 mi downstream, at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.68 ft, Oct. 8, 1996, but may have been higher during period of no gage-height record Sep. 21-22, 1989; minimum gage height, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.61 ft, Apr. 17; minimum gage height, 17.94 ft, Jan. 21.

Gage height, feet  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.02	20.13	22.10	24.08	19.61	22.02	23.37	18.09	20.95	24.66	19.58	21.91
2	23.95	19.57	21.87	24.03	19.50	21.96	24.02	18.52	21.39	24.03	19.26	21.60
3	23.95	19.15	21.65	24.12	19.22	21.79	23.83	18.53	21.33	24.41	19.53	21.81
4	24.21	19.06	21.73	24.24	18.99	21.74	24.65	19.09	21.99	24.18	19.24	21.76
5	24.16	19.11	21.78	24.63	19.02	22.09	24.40	19.32	21.73	24.33	19.85	21.99
6	24.25	19.09	21.87	24.24	18.49	21.29	24.16	18.84	21.42	23.77	19.60	21.38
7	24.51	19.44	22.14	24.23	18.59	21.43	23.91	19.06	21.30	23.43	19.30	21.10
8	24.69	19.50	22.36	24.08	19.27	21.66	23.63	19.01	21.07	22.58	19.23	20.91
9	24.77	20.18	22.57	23.86	19.25	21.41	23.73	19.17	21.39	22.64	19.38	20.96
10	24.68	20.01	22.52	23.57	19.35	21.26	24.07	20.12	22.14	22.46	19.38	20.90
11	24.92	20.67	22.65	22.98	19.20	20.98	23.74	19.36	21.70	22.69	19.64	21.20
12	24.03	19.81	21.92	23.13	19.35	21.08	22.66	19.27	20.94	22.74	19.55	21.19
13	24.17	20.10	22.20	23.24	19.44	21.13	23.34	19.69	21.75	23.33	19.12	21.17
14	24.49	20.59	22.77	23.65	19.97	21.84	22.85	18.70	20.64	23.12	19.11	21.12
15	25.02	21.85	23.57	23.71	19.98	22.11	23.10	18.70	21.10	22.71	19.07	20.90
16	24.45	20.47	22.83	23.73	19.98	22.03	23.04	19.11	20.95	23.42	18.84	21.26
17	24.20	20.41	22.39	23.80	19.08	21.44	23.62	18.96	21.58	23.10	18.72	20.76
18	24.00	20.20	22.24	23.12	18.47	20.98	24.09	19.64	21.98	23.81	18.58	21.30
19	23.85	19.93	22.04	23.72	19.14	21.47	24.23	19.91	22.03	23.00	18.34	20.44
20	23.80	19.77	21.88	23.83	19.09	21.48	23.97	19.23	21.33	22.73	17.96	20.05
21	23.72	19.50	21.65	---	---	---	23.18	18.55	20.70	23.08	17.94	20.29
22	23.92	19.61	21.84	---	---	---	23.30	18.79	20.70	23.72	18.64	21.12
23	24.04	19.66	21.84	23.27	18.64	20.79	23.44	18.77	20.92	23.47	18.61	20.86
24	24.11	19.81	22.00	23.33	18.89	20.90	24.06	19.25	21.75	22.57	18.19	20.29
25	23.99	19.78	21.96	23.26	18.85	20.87	23.63	18.78	20.90	23.12	18.54	20.65
26	23.63	19.81	21.59	23.32	19.01	20.95	23.35	19.01	20.94	23.39	18.17	20.64
27	23.60	19.57	21.53	23.15	19.06	20.94	23.57	19.63	21.57	22.80	18.40	20.40
28	23.69	19.82	21.61	23.55	19.17	21.34	23.45	19.28	21.37	23.55	18.50	20.93
29	23.71	19.65	21.62	23.45	18.76	21.38	23.47	19.17	21.18	23.42	18.49	20.73
30	23.71	19.59	21.70	22.92	18.25	20.68	24.04	19.17	21.66	23.52	18.21	20.93
31	23.96	19.66	21.91	---	---	---	24.10	19.31	21.77	23.58	18.40	20.99
MONTH	25.02	19.06	22.08	---	---	---	24.65	18.09	21.36	24.66	17.94	21.02

SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

Gage height, feet  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	23.80	18.56	21.07	24.16	19.57	22.16	24.13	22.76	23.43	24.23	21.37	22.71
2	23.63	18.40	20.94	24.21	19.96	22.03	23.40	22.01	22.72	24.10	21.06	22.53
3	23.37	18.40	20.69	23.84	19.60	21.85	23.24	21.40	22.28	24.06	20.50	22.25
4	23.01	18.24	20.35	24.05	19.90	21.94	23.35	20.89	22.01	24.54	20.95	22.64
5	22.46	18.17	20.20	23.48	19.49	21.55	23.23	20.49	21.84	24.16	20.63	22.54
6	22.79	18.79	20.60	22.85	19.36	21.15	24.24	20.49	22.04	23.85	19.85	21.67
7	22.76	18.46	20.39	23.52	19.57	21.41	24.09	20.44	22.14	23.37	19.78	21.28
8	22.05	18.67	20.39	23.48	20.00	21.61	23.90	20.48	21.88	23.36	19.56	21.21
9	22.41	19.10	20.60	23.47	20.24	21.76	24.11	21.03	22.35	23.01	19.63	21.19
10	22.55	18.61	20.53	23.43	20.39	21.80	24.41	20.60	22.51	23.06	19.49	21.26
11	22.10	18.91	20.54	23.54	20.04	21.81	24.00	20.82	22.40	23.29	19.36	21.34
12	22.25	18.36	20.17	22.93	20.08	21.45	23.90	20.46	22.26	23.19	18.92	21.14
13	22.80	18.37	20.50	23.21	20.07	21.58	23.95	20.50	22.32	24.13	19.01	21.54
14	22.68	18.34	20.46	23.39	20.50	22.03	24.18	20.46	22.46	24.58	19.30	21.86
15	23.19	18.47	20.70	24.24	20.82	22.65	24.52	20.65	22.58	24.58	19.49	22.02
16	23.97	18.58	21.55	24.44	20.71	22.50	---	---	---	24.71	19.47	22.02
17	24.19	19.01	21.57	24.39	20.29	22.55	---	---	---	25.13	19.95	22.35
18	23.86	18.73	21.28	24.85	20.82	22.99	---	---	---	25.04	20.43	22.77
19	23.99	18.89	21.49	25.08	21.21	23.15	---	---	---	24.75	20.39	22.60
20	23.97	19.15	21.52	25.24	21.69	23.44	---	---	---	24.73	20.35	22.41
21	24.10	19.58	21.83	24.60	21.24	22.93	---	---	---	24.22	19.85	21.81
22	24.13	19.67	21.86	24.30	20.79	22.44	---	---	---	23.81	20.13	21.77
23	23.96	18.64	20.66	24.08	20.72	22.22	24.21	22.24	23.20	23.78	20.06	21.80
24	23.25	19.03	20.94	24.16	20.86	22.29	24.14	21.91	22.94	23.53	20.02	21.85
25	23.12	19.14	21.10	24.29	21.18	22.50	24.18	22.00	23.07	23.65	20.02	21.97
26	23.86	19.71	21.78	23.78	21.73	22.67	23.93	21.90	22.93	23.57	19.70	21.74
27	24.26	19.65	21.99	24.25	22.03	23.39	24.32	21.94	23.08	23.59	19.60	21.62
28	23.78	19.48	21.61	25.01	23.06	24.12	24.18	22.08	23.16	23.96	19.80	21.89
29	---	---	---	24.81	23.54	24.14	24.13	21.85	22.94	23.69	19.67	21.58
30	---	---	---	---	---	---	24.12	21.54	22.74	23.88	19.80	21.73
31	---	---	---	24.35	23.21	23.77	---	---	---	23.62	20.06	21.73
MONTH	24.26	18.17	20.98	---	---	---	---	---	---	25.13	18.92	21.90

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	23.90	20.09	21.71	24.05	19.36	21.50	23.69	19.15	21.29	23.81	19.12	21.40
2	24.18	21.02	22.32	23.56	19.48	21.65	23.54	19.16	21.30	23.83	19.11	21.34
3	23.96	21.36	22.57	23.33	19.18	21.09	23.42	19.01	21.21	23.84	19.03	21.32
4	23.85	20.98	22.29	23.38	19.06	21.05	23.39	18.80	20.98	23.90	19.16	21.47
5	23.47	20.60	21.87	23.28	19.18	21.05	23.42	18.61	20.91	24.20	19.18	21.63
6	23.73	20.60	22.00	23.16	19.00	20.98	23.64	18.60	21.00	24.62	20.05	22.49
7	23.97	20.07	21.83	23.15	18.87	20.93	23.83	18.66	21.15	24.55	19.97	22.41
8	23.34	19.79	21.51	23.35	18.79	20.95	24.06	18.82	21.36	24.66	19.91	22.48
9	23.62	19.49	21.54	23.92	18.88	21.31	24.05	18.76	21.33	24.63	20.04	22.52
10	24.06	20.02	21.98	24.00	18.91	21.42	24.07	18.67	21.15	24.51	20.00	22.48
11	24.35	19.46	21.98	24.15	18.87	21.39	23.99	18.80	21.25	24.59	20.35	22.67
12	24.49	19.38	21.96	24.25	18.79	21.30	24.02	19.06	21.43	24.42	20.23	22.56
13	24.46	19.29	21.84	24.23	19.01	21.46	24.03	19.27	21.56	23.89	19.72	21.91
14	24.50	19.31	21.78	24.07	18.94	21.39	23.74	19.48	21.61	23.97	19.68	21.96
15	24.39	19.42	21.76	24.06	19.20	21.52	23.42	19.39	21.42	23.84	19.82	21.90
16	24.43	19.62	21.78	---	---	---	23.33	19.27	21.28	23.83	19.79	21.97
17	24.34	20.08	22.13	---	---	---	22.99	19.16	21.10	24.08	20.50	22.29
18	24.19	20.44	22.17	---	---	---	23.11	19.04	21.10	23.31	20.15	21.61
19	24.28	20.38	22.02	---	---	---	23.27	19.56	21.38	23.11	19.56	21.26
20	23.49	20.16	21.84	---	---	---	23.25	19.71	21.49	23.49	19.63	21.53
21	23.88	20.44	22.23	---	---	---	23.18	19.68	21.40	23.96	20.05	21.94
22	23.76	20.39	22.13	---	---	---	23.15	19.50	21.20	24.20	20.16	22.26
23	23.59	20.14	21.93	---	---	---	23.09	19.15	21.02	24.15	19.27	21.97
24	23.49	19.84	21.70	---	---	---	23.84	19.27	21.42	24.60	19.81	22.38
25	23.46	19.68	21.63	---	---	---	24.10	19.51	21.81	24.68	19.96	22.57
26	23.63	19.65	21.57	---	---	---	24.03	19.32	21.70	24.58	19.95	22.54
27	23.69	19.46	21.47	---	---	---	24.07	19.14	21.59	24.80	20.05	22.61
28	23.85	19.48	21.55	---	---	---	24.00	19.11	21.51	24.81	19.97	22.46
29	23.78	19.65	21.53	---	---	---	24.12	19.29	21.65	24.64	19.60	22.25
30	23.91	19.40	21.45	23.83	19.14	21.28	23.96	19.47	21.73	24.52	19.59	22.19
31	---	---	---	23.76	19.13	21.27	23.81	19.27	21.50	---	---	---
MONTH	24.50	19.29	21.87	---	---	---	24.12	18.60	21.35	24.81	19.03	22.08