

SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'12'', long 81°13'01'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.2 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--2,420 mi², approximately.

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Water-stage recorder. Datum of gage is 99.12 ft above NGVD of 1929.

REMARKS.--Regulated by hydro-electric generation from Lake Murray Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 85.92 ft, Mar. 21, 2003; minimum gage height, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.30 ft, Sep. 29; minimum gage height, 71.59 ft, May 31, June 1.

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	---	---	---	---	---	---	---	---	---	75.07	75.04	75.05
2	---	---	---	---	---	---	---	---	---	75.04	73.50	74.22
3	---	---	---	---	---	---	---	---	---	73.50	73.48	73.49
4	---	---	---	---	---	---	---	---	---	73.49	73.48	73.49
5	---	---	---	---	---	---	---	---	---	73.48	73.47	73.48
6	---	---	---	---	---	---	---	---	---	73.98	73.46	73.75
7	---	---	---	---	---	---	---	---	---	74.00	73.98	73.99
8	---	---	---	---	---	---	---	---	---	74.03	73.99	74.01
9	---	---	---	---	---	---	---	---	---	74.02	74.01	74.02
10	---	---	---	---	---	---	---	---	---	74.03	74.01	74.02
11	---	---	---	---	---	---	---	---	---	75.44	74.03	74.89
12	---	---	---	---	---	---	---	---	---	75.16	74.78	74.96
13	---	---	---	---	---	---	---	---	---	75.24	74.92	75.11
14	---	---	---	---	---	---	---	---	---	75.23	73.54	74.29
15	---	---	---	---	---	---	76.60	74.66	74.85	73.55	73.54	73.54
16	---	---	---	---	---	---	74.72	74.67	74.70	73.55	73.54	73.55
17	---	---	---	---	---	---	74.70	74.64	74.67	73.56	73.55	73.56
18	---	---	---	---	---	---	75.39	74.65	75.09	73.56	73.55	73.56
19	---	---	---	---	---	---	75.38	74.63	75.22	73.56	73.55	73.55
20	---	---	---	---	---	---	75.20	75.08	75.14	73.76	73.51	73.57
21	---	---	---	---	---	---	75.15	75.09	75.12	74.48	73.52	73.96
22	---	---	---	---	---	---	75.18	75.10	75.12	74.81	73.55	74.03
23	---	---	---	---	---	---	75.14	74.99	75.10	73.69	73.53	73.62
24	---	---	---	---	---	---	75.09	75.04	75.07	73.69	73.68	73.68
25	---	---	---	---	---	---	75.09	75.04	75.06	74.43	73.68	73.85
26	---	---	---	---	---	---	75.08	75.04	75.06	74.41	74.32	74.36
27	---	---	---	---	---	---	75.08	75.04	75.06	74.38	74.32	74.35
28	---	---	---	---	---	---	75.10	75.05	75.08	75.03	74.32	74.71
29	---	---	---	---	---	---	75.08	75.04	75.06	75.19	74.92	75.05
30	---	---	---	---	---	---	75.08	75.03	75.05	75.22	75.17	75.19
31	---	---	---	---	---	---	75.07	75.01	75.04	75.23	75.15	75.19
MONTH	---	---	---	---	---	---	---	---	---	75.44	73.46	74.13

SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	75.53	73.75	74.66	---	---	---	74.45	72.53	72.97	78.78	73.15	73.70
2	73.75	73.75	73.75	---	---	---	73.00	72.98	72.99	73.47	73.12	73.14
3	75.40	73.73	73.88	---	---	---	72.98	72.96	72.97	73.14	73.10	73.12
4	75.54	73.74	74.28	---	---	---	72.96	72.93	72.95	77.21	73.02	73.45
5	74.89	74.87	74.88	79.47	72.42	73.16	72.94	72.91	72.93	73.10	73.07	73.09
6	75.58	74.87	75.14	76.31	72.42	72.62	72.91	72.70	72.83	73.10	73.09	73.10
7	80.88	75.58	76.80	73.19	72.43	72.80	72.71	72.64	72.68	74.33	73.09	73.51
8	79.87	75.43	77.23	74.66	73.17	73.29	72.65	72.64	72.64	78.58	72.84	75.40
9	79.33	77.30	77.58	74.23	73.22	73.66	72.65	72.63	72.64	72.87	72.83	72.86
10	79.09	77.28	77.76	74.45	73.77	73.85	72.65	72.64	72.64	72.83	72.81	72.83
11	77.31	75.49	76.32	74.71	73.82	74.04	72.64	72.63	72.64	76.26	72.77	73.39
12	76.98	75.49	76.25	73.83	73.78	73.81	72.64	72.49	72.54	72.85	72.69	72.73
13	79.45	76.97	78.12	73.79	73.76	73.78	73.24	72.49	72.86	72.71	72.69	72.70
14	79.45	76.02	77.34	73.79	73.74	73.77	73.81	73.22	73.55	74.69	72.42	73.53
15	80.25	76.88	78.39	73.74	72.69	73.28	73.78	73.74	73.77	72.42	72.37	72.38
16	83.20	76.81	79.42	72.69	72.67	72.68	73.77	73.73	73.76	74.36	72.36	73.21
17	78.86	74.04	75.83	72.89	72.67	72.79	73.76	73.72	73.75	72.72	72.52	72.62
18	80.77	73.92	75.48	74.81	72.89	73.20	73.74	73.71	73.73	74.19	72.52	72.75
19	75.07	72.70	73.82	73.19	73.16	73.18	73.71	73.63	73.69	72.67	72.60	72.63
20	74.59	72.70	72.91	73.18	73.16	73.17	76.11	73.63	73.84	75.27	72.60	72.89
21	72.76	72.74	72.75	73.58	73.17	73.45	78.97	73.68	74.51	72.81	72.74	72.78
22	78.81	72.74	73.45	74.86	73.57	73.89	75.54	73.83	73.98	72.80	72.75	72.77
23	76.48	73.46	73.61	75.13	74.39	74.78	79.28	73.20	73.96	72.81	72.76	72.78
24	73.47	72.57	72.91	76.04	72.71	73.54	73.70	73.19	73.28	76.72	72.76	74.55
25	73.24	72.56	72.75	72.76	72.71	72.73	73.27	73.19	73.23	75.01	72.73	73.92
26	81.74	73.08	76.78	72.73	72.70	72.72	73.23	73.19	73.21	72.73	72.06	72.19
27	81.76	73.11	75.95	72.71	72.69	72.70	73.25	73.15	73.20	72.12	71.91	72.03
28	---	---	---	72.70	72.68	72.69	73.21	73.14	73.17	72.11	72.03	72.08
29	---	---	---	72.71	72.67	72.69	73.23	73.15	73.18	72.15	72.07	72.11
30	---	---	---	80.35	72.71	74.71	73.20	73.14	73.16	72.14	71.61	71.93
31	---	---	---	74.45	72.53	72.70	---	---	---	71.61	71.59	71.60
MONTH	---	---	---	---	---	---	79.28	72.49	73.24	78.78	71.59	72.96

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	73.17	71.59	72.37	74.72	72.51	73.38	72.55	72.52	72.53	72.55	72.54	72.54
2	72.76	72.72	72.74	72.51	72.51	72.51	72.58	72.53	72.55	72.55	72.54	72.54
3	72.75	72.72	72.74	72.52	72.51	72.51	73.92	72.50	72.79	72.55	72.54	72.55
4	72.84	72.72	72.80	72.52	72.51	72.52	75.70	72.48	73.04	72.56	72.55	72.55
5	72.87	72.82	72.85	72.51	72.49	72.50	72.93	72.43	72.78	72.57	72.55	72.56
6	72.88	72.85	72.87	72.52	72.49	72.50	73.04	72.44	72.92	72.58	72.56	72.57
7	72.88	72.33	72.67	72.52	72.50	72.51	72.99	72.98	72.98	72.78	72.57	72.63
8	72.43	72.32	72.36	72.51	72.49	72.50	72.99	72.98	72.98	75.55	72.60	73.70
9	72.45	72.42	72.44	72.52	72.49	72.50	72.99	72.53	72.74	75.56	75.50	75.54
10	72.45	72.44	72.44	72.51	72.48	72.50	72.90	72.54	72.59	76.51	75.50	75.97
11	72.44	72.43	72.44	72.51	72.48	72.49	72.56	72.54	72.55	76.57	76.49	76.53
12	75.15	71.79	72.55	72.50	72.48	72.49	72.68	72.55	72.59	76.59	76.48	76.53
13	71.79	71.63	71.67	72.49	72.47	72.48	72.63	72.58	72.59	76.59	76.50	76.54
14	72.50	71.61	72.14	72.48	72.46	72.47	72.61	72.58	72.60	76.58	76.52	76.55
15	73.25	72.34	72.80	72.49	72.46	72.47	72.62	72.60	72.61	80.33	76.52	77.65
16	73.19	72.81	72.92	72.47	72.45	72.46	72.66	72.61	72.63	80.40	76.12	77.67
17	79.57	72.78	73.56	73.24	72.45	72.48	72.75	72.64	72.68	76.90	75.39	76.34
18	73.67	72.77	72.99	73.25	72.59	72.84	72.70	72.62	72.67	75.42	75.33	75.38
19	75.02	72.82	73.19	72.59	72.58	72.58	72.67	72.56	72.62	75.41	74.26	74.83
20	74.96	72.67	73.05	72.58	72.47	72.54	72.63	72.58	72.61	74.33	74.27	74.30
21	72.76	72.69	72.72	72.47	72.41	72.45	72.63	72.60	72.62	74.33	74.27	74.30
22	72.75	72.54	72.63	72.44	72.42	72.43	72.64	72.61	72.62	75.09	74.26	74.39
23	72.56	72.54	72.54	72.45	72.42	72.44	72.67	72.62	72.63	74.42	72.76	73.69
24	72.55	72.54	72.54	72.45	72.42	72.44	72.62	72.43	72.51	72.84	72.51	72.65
25	72.55	72.54	72.55	72.45	72.42	72.44	72.45	72.43	72.44	72.75	72.52	72.58
26	72.55	72.55	72.55	72.44	72.41	72.42	72.59	72.39	72.51	72.98	72.52	72.68
27	72.71	72.53	72.58	72.42	72.40	72.41	72.54	72.52	72.53	76.42	72.98	74.72
28	72.65	72.55	72.58	72.42	72.39	72.41	72.53	72.38	72.45	79.56	75.29	76.07
29	72.56	72.54	72.55	72.43	72.39	72.42	75.19	72.38	72.59	84.30	79.16	81.82
30	72.75	72.55	72.63	72.77	72.41	72.50	72.55	72.36	72.49	79.26	72.58	75.19
31	---	---	---	72.54	72.52	72.53	72.70	72.53	72.56	---	---	---
MONTH	79.57	71.59	72.65	74.72	72.39	72.52	75.70	72.36	72.65	84.30	72.51	74.79